

Local Coverage Determination (LCD): Electrocardiograms (L34315)

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Contractor Information

Contractor Name	Contract Type	Contract Number	Jurisdiction	State(s)
Noridian Healthcare Solutions, LLC	A and B MAC	01111 - MAC A	J - E	California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01112 - MAC B	J - E	California - Northern
Noridian Healthcare Solutions, LLC	A and B MAC	01182 - MAC B	J - E	California - Southern American Samoa Guam
Noridian Healthcare Solutions, LLC	A and B MAC	01211 - MAC A	J - E	Hawaii Northern Mariana Islands American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01212 - MAC B	J - E	Guam Hawaii Northern Mariana Islands
Noridian Healthcare Solutions, LLC	A and B MAC	01311 - MAC A	J - E	Nevada
Noridian Healthcare Solutions, LLC	A and B MAC	01312 - MAC B	J - E	Nevada American Samoa California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01911 - MAC A	J - E	Guam Hawaii Nevada Northern Mariana Islands

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LCD Information

Document Information

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CMS National Coverage Policy

Title XVIII of the Social Security Act (SSA), §1862(a)(1)(A), states that no Medicare payment shall be made for items or services that "are not reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member."

Title XVIII of the Social Security Act, §1862(a)(7) and 42 Code of Federal Regulations, §411.15, exclude routine physical examinations.

Title XVIII of the Social Security Act, §1833(e), prohibits Medicare payment for any claim lacking the necessary documentation to process the claim.

Medicare's Carrier's Manual (MCM), §15047(D), explains coverage for preoperative diagnostic tests performed to determine a patient's perioperative risks and optimize perioperative care. (The reference will be crosswalked to the CMS Manual System, Publication 100-04, *Medicare Claims Processing Manual*, Chapter 12, §30.6.6.1 as soon as it become available.)

Medicare Carriers Manual, §15047(G), explains how to report preoperative tests. (The reference will be crosswalked to the CMS Manual System, Publication 100-04, *Medicare Claims Processing Manual*, Chapter 12, §30.6.6.1 as soon as it becomes available.)

CMS Manual System, Publication 100-04, *Medicare Claims Processing Manual*, Chapter 12, §20.3(E), describes bundling of payment for ECG services supplied concomitantly with other physician services.

CMS Manual System, Publication 100-04, *Medicare Claims Processing Manual*, Chapter 13, §100.1, states that in general only one payment is made for one interpretation of an EKG.

CMS Manual System, Publication 100-04, *Medicare Claims Processing Manual*, Chapter 23, §20.9.1. Correct Coding Initiative (CCI) describes correct usage of the 59 modifier for repeat procedural services performed on the same day.

CMS Manual System, Publication 100-03, *Medicare National Coverage Determinations Manual*, Chapter 1, §20.15, Electrocardiogram Service, "No payment is made for EKG interpretations by individuals other than physicians' and "A separate charge by an attending or consulting physician for EKG interpretation is allowed only when it is the normal practice to make such charge".

CMS Manual System, Publication 100-02, *Medicare Benefit Policy Manual*, Chapter 15, §§190 and 200, allow for services supplied by physician assistants and nurse practitioners.

CMS Manual System, Publication 100-02, *Medicare Benefit Policy Manual*, Chapter 15, §250, states that payment may be made under Part B for the medical and other health services enumerated in paragraph C, but only where no payment can be made for such services under Part A.

Coverage Guidance

Coverage Indications, Limitations, and/or Medical Necessity

The electrocardiogram (ECG, EKG) and ECG rhythm strip records the electrical activity of the heart throughout the cardiac cycle of contraction (depolarization) and relaxation (repolarization). The changes in electrical potential during the cardiac cycle are detected at the body surface and recorded on graph paper. The recording is reviewed by a physician who provides an interpretation and written report. An ECG may be reported as the technical aspect only, the interpretation and written report only, or both aspects together as one service.

The electrical activity of the heart can be viewed along various electrical axes (viewpoints). Each viewpoint is described as a "lead". A typical ECG views the heart from 12 axes and, therefore, has 12 leads. A rhythm strip typically includes one to three leads. Typically, a 12-lead ECG is a separate document from the medical progress notes, while a printed rhythm strip may be pasted into the progress notes.

An ECG is indicated to diagnose or treat a patient for symptoms, signs, or a history of heart disease; or systemic conditions that affect the heart, including:

- Chest pain or angina pectoris,
- Myocardial ischemia or infarction,
- Arteriovascular disease including coronary, central, and peripheral disease,
- Hypertension,
- Conduction abnormalities,
- Cardiac rhythm disturbances,
- Cardiac hypertrophy,
- Heart failure,
- Pericarditis,
- Structural cardiac conditions,
- Endocrine abnormalities,
- Neurological disorders affecting the heart,
- Syncope,
- Paroxysmal weakness,
- Palpitations,
- Sudden lightheadedness,
- Electrolyte imbalance,
- Acid-base disorders,
- Temperature disorders,
- Pulmonary disorders, and
- Drug cardiotoxicity.

An ECG may help identify cardiac disorders as part of a preoperative clinical evaluation. A preoperative ECG may be reasonable and necessary under one of the following conditions:

- In the presence of pre-existing heart disease such as congestive heart failure, prior myocardial infarction (MI), angina, coronary artery disease, or dysrhythmias;
- In the presence of known comorbid conditions that may affect the heart, such as chronic pulmonary disease, peripheral vascular disease, diabetes, or renal impairment; or
- When the pending surgery requires a general or regional anesthetic.

The results of the ECG must be relevant to the management of the patient.

When an ECG is performed on the same day as a cardiac stress test, but is not part of that stress test, it is separately payable. The ECG must add additional information to the stress test. For example, an ECG may be reasonable and necessary to rule out an acute MI prior to a same day stress ECG performed to evaluate possible accelerating angina. Typically, when the ECG stress test is scheduled in advance, a separate ECG on the same day is not reasonable and necessary.

An ECG is not a covered benefit when used for screening purposes or as part of a routine physical examination. Routine physical examinations (screening) are evaluation and management services supplied in the absence of associated signs, symptoms or complaints. These services are denied as not a benefit of the Medicare program. Patients may choose to pay privately for these services.

A second ECG performed to replace a technically inadequate ECG may not be reported as an additional service.

Rhythm ECGs are used to evaluate signs and symptoms that may reflect a cardiac rhythm disorder.

A rhythm ECG interpretation and report only (93042) is included in a 12-lead ECG interpretation and report (93000 or 93010).

A rhythm ECG tracing (93040 or 93041) is included in a 12-lead ECG tracing (93000 or 93005).

When several ECG rhythm (or monitor) strips from a single date of service are reviewed at a single setting, report only one unit of service, regardless of the number of strips reviewed.

If one physician bills a rhythm strip interpretation, and another physician bills an ECG interpretation for the same patient on the same date of service, then both services must be reasonable and necessary. Typically, the patient will receive and require **prolonged** rhythm monitoring in addition to a 12-lead ECG.

An ECG furnished on an **emergency** basis by a laboratory or a portable X-ray supplier requires that a physician be in attendance at the time the service was performed or immediately thereafter.

Payments for a home-based ECG above the ECG base amount (i.e., for transportation costs) requires a medical need for performing the service in the patient's home, in addition to the need for the ECG itself. Typically, qualifying patients will be homebound or bed-confined.

Payment for the technical component of an ECG will be denied when the facility is paid for the technical component through the fiscal intermediary (i.e., during a Part A covered nursing home stay). In these cases, the ECG supplier is paid by the facility under a contract arrangement.

Payment for more than one Professional Component (PC) of a single ECG:

Medicare will not pay twice for a service that is required only once to diagnose or treat an illness or injury. Typically, this A/B MAC will pay for only one PC of an ECG. This A/B MAC may pay for a second PC when the additional physician expertise is necessary and reasonable to diagnose or treat the patient, such as to clarify a questionable finding. The physician performing the initial PC must have a valid reason to require another physician's expertise, such as, to interpret a confusing ECG. The second physician's knowledge and expertise must be significantly greater than that of the first reader, and it must contribute substantially to the interpretation.

Multiple Interpretations of a Diagnostic Test in Institutional Settings:

Medicare generally pays for only one reading of a diagnostic test. Medicare's rules are clearly explained in the Internet-Only Manual, Pub. 100-04, Medicare Claims Processing Manual, Chapter 13, Section 100.1 which made clear with public notice and comment that CMS policy would not pay for routine second readings). While Chapter 13 is titled, "Radiology Services", Section 100.1 is titled "X-rays and EKGs furnished to Emergency Room Patients." The principles apply to double-readings of diagnostic tests in general. The following paragraphs quote extensively from Section 100.1. [*Emphasis added by this A/B MAC*]

Generally, A/B MACs (B) must pay for only one interpretation of an EKG or x-ray procedure furnished to an emergency room patient. They pay for a second interpretation (which may be identified through the use of modifier "-77") only under unusual circumstances (for which documentation is provided) such as a questionable finding for which the physician performing the initial interpretation believes another physician's expertise is needed or a changed diagnosis resulting from a second interpretation of the results of the procedure. When A/B MACs (B) receive only one claim for an interpretation, they must presume that the one service billed was a service to the individual beneficiary rather than a quality control measure and pay the claim if it otherwise meets any applicable reasonable and necessary test.

When A/B MACs (B) receive multiple claims for the same interpretation, they must generally pay for the first bill received. A/B MACs (B) must pay for the interpretation and report that directly contributed to the diagnosis and treatment of the individual patient. Consideration is not given to physician specialty as the primary factor in deciding which interpretation and report to pay regardless of when the service is performed. Consideration is not given to designation as the hospital's "official interpretation" as a factor in determining which claim to pay. A/B MACs (B) pay for the interpretation billed by the cardiologist or radiologist if the interpretation of the procedure is performed at the same time as the diagnosis and treatment of the beneficiary. (This

interpretation may be an oral report to the treating physician that will be written at a later time.) [End quotations]

Section 100.1 provides one example of a medically appropriate "double payment" for a second interpretation, an example where an ER physician diagnoses pneumonia but a radiologist provides a requested second reading for possible tumor. For double reading of an EKG, a similar circumstance must apply, an unusual reason why a second interpretation (for example, a reading by a cardiologist) was specifically medically necessary. Otherwise, the second interpretation must be denied per the manual as a "quality control service."

Alternatively, if the first physician defers diagnosis with a telegraphic note and passes the test to the second physician for his/her diagnostic interpretation, only the second physician should bill. Chapter 13, Section 100.1 states that a telegraphic note in an E/M record is considered part of the E/M service and not a separate report. For example, a treating physician may see an x-ray with a radiologist's report of a fractured tibia, and he may note "x-ray, fx tibia" in his E/M summary, but he may not charge an additional "radiologic interpretation" fee. The CMS manual states as follows:

A/B MACs (B) generally distinguish between an "interpretation and report" of an x-ray or an EKG procedure and a "review" of the procedure. A professional component billing based on a review of the findings of these procedures, without a complete, written report similar to that which would be prepared by a specialist in the field, does not meet the conditions for separate payment of the service. This is because the review is already included in the emergency department evaluation and management (E/M) payment. For example, a notation in the medical records saying "fx-tibia" or EKG-normal would not suffice as a separately payable interpretation and report of the procedure and should be considered a review of the findings payable through the E/M code. An "interpretation and report" should address the findings, relevant clinical issues, and comparative data (when available). [end quotation.]

Each payable interpretation must include a complete, written report similar to one that is prepared by a specialist in the field. The content of the written report must address the relevant clinical issues, available comparative data, and test findings. The format of the report must be separately identifiable. It may be included under a separate heading within the clinical record or written on the ECG tracing itself, with a reference in the clinical record.

Summary of Evidence

NA

Analysis of Evidence (Rationale for Determination)

NA

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Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

999x Not Applicable

Revenue Codes:

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Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

99999 Not Applicable

CPT/HCPCS Codes

Group 1 Paragraph: N/A

Group 1 Codes:

93000 ELECTROCARDIOGRAM, ROUTINE ECG WITH AT LEAST 12 LEADS; WITH INTERPRETATION AND REPORT
93005 ELECTROCARDIOGRAM, ROUTINE ECG WITH AT LEAST 12 LEADS; TRACING ONLY, WITHOUT INTERPRETATION AND REPORT
93010 ELECTROCARDIOGRAM, ROUTINE ECG WITH AT LEAST 12 LEADS; INTERPRETATION AND REPORT ONLY
93040 RHYTHM ECG, 1-3 LEADS; WITH INTERPRETATION AND REPORT
93041 RHYTHM ECG, 1-3 LEADS; TRACING ONLY WITHOUT INTERPRETATION AND REPORT
93042 RHYTHM ECG, 1-3 LEADS; INTERPRETATION AND REPORT ONLY

ICD-10 Codes that Support Medical Necessity

Group 1 Paragraph: N/A

Group 1 Codes:

ICD-10 Codes	Description
A01.01	Typhoid meningitis
A01.02	Typhoid fever with heart involvement
A01.03	Typhoid pneumonia
A01.04	Typhoid arthritis
A01.05	Typhoid osteomyelitis
A01.09	Typhoid fever with other complications
A02.1	Salmonella sepsis
A05.1	Botulism food poisoning
A17.83	Tuberculous neuritis
A17.89	Other tuberculosis of nervous system
A18.82	Tuberculosis of other endocrine glands
A18.84	Tuberculosis of heart
A18.89	Tuberculosis of other sites
A19.0	Acute miliary tuberculosis of a single specified site
A19.1	Acute miliary tuberculosis of multiple sites
A19.8	Other miliary tuberculosis
A20.7	Septicemic plague
A22.7	Anthrax sepsis
A26.7	Erysipelothrix sepsis
A32.7	Listerial sepsis
A36.81	Diphtheritic cardiomyopathy
A39.2	Acute meningococcemia
A39.3	Chronic meningococcemia
A39.50	Meningococcal carditis, unspecified
A39.51	Meningococcal endocarditis
A39.52	Meningococcal myocarditis
A39.53	Meningococcal pericarditis
A40.0	Sepsis due to streptococcus, group A
A40.1	Sepsis due to streptococcus, group B
A40.3	Sepsis due to Streptococcus pneumoniae
A40.8	Other streptococcal sepsis
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus

ICD-10 Codes	Description
A41.1	Sepsis due to other specified staphylococcus
A41.3	Sepsis due to Hemophilus influenzae
A41.4	Sepsis due to anaerobes
A41.51	Sepsis due to Escherichia coli [E. coli]
A41.52	Sepsis due to Pseudomonas
A41.53	Sepsis due to Serratia
A41.59	Other Gram-negative sepsis
A41.81	Sepsis due to Enterococcus
A41.89	Other specified sepsis
A42.7	Actinomycotic sepsis
A48.0	Gas gangrene
A52.01	Syphilitic aneurysm of aorta
A52.03	Syphilitic endocarditis
A52.04	Syphilitic cerebral arteritis
A52.05	Other cerebrovascular syphilis
A52.06	Other syphilitic heart involvement
A52.09	Other cardiovascular syphilis
A54.83	Gonococcal heart infection
A54.86	Gonococcal sepsis
B00.7	Disseminated herpesviral disease
B20	Human immunodeficiency virus [HIV] disease
B33.0	Epidemic myalgia
B33.20	Viral carditis, unspecified
B33.21	Viral endocarditis
B33.22	Viral myocarditis
B33.23	Viral pericarditis
B33.24	Viral cardiomyopathy
B37.6	Candidal endocarditis
B37.7	Candidal sepsis
B39.0	Acute pulmonary histoplasmosis capsulati
B39.1	Chronic pulmonary histoplasmosis capsulati
B39.2	Pulmonary histoplasmosis capsulati, unspecified
B39.3	Disseminated histoplasmosis capsulati
B39.4	Histoplasmosis capsulati, unspecified
B39.5	Histoplasmosis duboisii
B57.0	Acute Chagas' disease with heart involvement
B57.2	Chagas' disease (chronic) with heart involvement
B58.81	Toxoplasma myocarditis
B58.89	Toxoplasmosis with other organ involvement
B75	Trichinellosis
C37	Malignant neoplasm of thymus
C38.0	Malignant neoplasm of heart
C38.1	Malignant neoplasm of anterior mediastinum
C38.2	Malignant neoplasm of posterior mediastinum
C38.4	Malignant neoplasm of pleura
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura
C45.0	Mesothelioma of pleura
C45.2	Mesothelioma of pericardium
D15.0	Benign neoplasm of thymus
D15.1	Benign neoplasm of heart
D15.2	Benign neoplasm of mediastinum
D19.0	Benign neoplasm of mesothelial tissue of pleura
D56.8	Other thalassemias
D57.01	Hb-SS disease with acute chest syndrome
D57.02	Hb-SS disease with splenic sequestration
D57.1	Sickle-cell disease without crisis
D57.20	Sickle-cell/Hb-C disease without crisis
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome

ICD-10 Codes	Description
D57.212	Sickle-cell/Hb-C disease with splenic sequestration
D57.40	Sickle-cell thalassemia without crisis
D57.411	Sickle-cell thalassemia with acute chest syndrome
D57.412	Sickle-cell thalassemia with splenic sequestration
D57.80	Other sickle-cell disorders without crisis
D57.811	Other sickle-cell disorders with acute chest syndrome
D57.812	Other sickle-cell disorders with splenic sequestration
D57.819	Other sickle-cell disorders with crisis, unspecified
D86.0	Sarcoidosis of lung
D86.1	Sarcoidosis of lymph nodes
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes
D86.3	Sarcoidosis of skin
D86.81	Sarcoid meningitis
D86.82	Multiple cranial nerve palsies in sarcoidosis
D86.83	Sarcoid iridocyclitis
D86.84	Sarcoid pyelonephritis
D86.85	Sarcoid myocarditis
D86.86	Sarcoid arthropathy
D86.87	Sarcoid myositis
D86.89	Sarcoidosis of other sites
E00.0	Congenital iodine-deficiency syndrome, neurological type
E00.1	Congenital iodine-deficiency syndrome, myxedematous type
E00.2	Congenital iodine-deficiency syndrome, mixed type
E01.8	Other iodine-deficiency related thyroid disorders and allied conditions
E02	Subclinical iodine-deficiency hypothyroidism
E03.0	Congenital hypothyroidism with diffuse goiter
E03.1	Congenital hypothyroidism without goiter
E03.2	Hypothyroidism due to medicaments and other exogenous substances
E03.3	Postinfectious hypothyroidism
E03.5	Myxedema coma
E03.8	Other specified hypothyroidism
E05.00	Thyrotoxicosis with diffuse goiter without thyrotoxic crisis or storm
E05.01	Thyrotoxicosis with diffuse goiter with thyrotoxic crisis or storm
E05.10	Thyrotoxicosis with toxic single thyroid nodule without thyrotoxic crisis or storm
E05.11	Thyrotoxicosis with toxic single thyroid nodule with thyrotoxic crisis or storm
E05.20	Thyrotoxicosis with toxic multinodular goiter without thyrotoxic crisis or storm
E05.21	Thyrotoxicosis with toxic multinodular goiter with thyrotoxic crisis or storm
E05.30	Thyrotoxicosis from ectopic thyroid tissue without thyrotoxic crisis or storm
E05.31	Thyrotoxicosis from ectopic thyroid tissue with thyrotoxic crisis or storm
E05.40	Thyrotoxicosis factitia without thyrotoxic crisis or storm
E05.41	Thyrotoxicosis factitia with thyrotoxic crisis or storm
E05.80	Other thyrotoxicosis without thyrotoxic crisis or storm
E05.81	Other thyrotoxicosis with thyrotoxic crisis or storm
E05.91	Thyrotoxicosis, unspecified with thyrotoxic crisis or storm
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E20.0	Idiopathic hypoparathyroidism
E20.1	Pseudohypoparathyroidism
E20.8	Other hypoparathyroidism

ICD-10 Codes	Description
E21.0	Primary hyperparathyroidism
E21.1	Secondary hyperparathyroidism, not elsewhere classified
E21.2	Other hyperparathyroidism
E21.4	Other specified disorders of parathyroid gland
E24.0	Pituitary-dependent Cushing's disease
E24.2	Drug-induced Cushing's syndrome
E24.3	Ectopic ACTH syndrome
E24.4	Alcohol-induced pseudo-Cushing's syndrome
E24.8	Other Cushing's syndrome
E25.0	Congenital adrenogenital disorders associated with enzyme deficiency
E25.8	Other adrenogenital disorders
E26.01	Conn's syndrome
E26.02	Glucocorticoid-remediable aldosteronism
E26.09	Other primary hyperaldosteronism
E26.1	Secondary hyperaldosteronism
E26.81	Bartter's syndrome
E26.89	Other hyperaldosteronism
E27.0	Other adrenocortical overactivity
E27.1	Primary adrenocortical insufficiency
E27.2	Addisonian crisis
E27.3	Drug-induced adrenocortical insufficiency
E27.49	Other adrenocortical insufficiency
E27.5	Adrenomedullary hyperfunction
E27.8	Other specified disorders of adrenal gland
E35	Disorders of endocrine glands in diseases classified elsewhere
E51.11	Dry beriberi
E51.12	Wet beriberi
E51.2	Wernicke's encephalopathy
E51.8	Other manifestations of thiamine deficiency
E52	Niacin deficiency [pellagra]
E75.21	Fabry (-Anderson) disease
E75.22	Gaucher disease
E75.240	Niemann-Pick disease type A
E75.241	Niemann-Pick disease type B
E75.242	Niemann-Pick disease type C
E75.243	Niemann-Pick disease type D
E75.248	Other Niemann-Pick disease
E75.5	Other lipid storage disorders
E77.0	Defects in post-translational modification of lysosomal enzymes
E77.1	Defects in glycoprotein degradation
E77.8	Other disorders of glycoprotein metabolism
E78.00	Pure hypercholesterolemia, unspecified
E78.01	Familial hypercholesterolemia
E78.1	Pure hyperglyceridemia
E78.2	Mixed hyperlipidemia
E78.3	Hyperchylomicronemia
E78.41	Elevated Lipoprotein(a)
E78.49	Other hyperlipidemia
E78.6	Lipoprotein deficiency
E78.79	Other disorders of bile acid and cholesterol metabolism
E78.81	Lipoid dermatoarthritis
E78.89	Other lipoprotein metabolism disorders
E83.31	Familial hypophosphatemia
E83.32	Hereditary vitamin D-dependent rickets (type 1) (type 2)
E83.39	Other disorders of phosphorus metabolism
E83.41	Hypermagnesemia
E83.42	Hypomagnesemia
E83.49	Other disorders of magnesium metabolism

ICD-10 Codes	Description
E83.51	Hypocalcemia
E83.52	Hypercalcemia
E83.59	Other disorders of calcium metabolism
E83.81	Hungry bone syndrome
E85.0	Non-neuropathic heredofamilial amyloidosis
E85.1	Neuropathic heredofamilial amyloidosis
E85.2	Heredofamilial amyloidosis, unspecified
E85.3	Secondary systemic amyloidosis
E85.4	Organ-limited amyloidosis
E85.81	Light chain (AL) amyloidosis
E85.82	Wild-type transthyretin-related (ATTR) amyloidosis
E85.89	Other amyloidosis
E85.9	Amyloidosis, unspecified
E86.0	Dehydration
E86.1	Hypovolemia
E87.0	Hyperosmolality and hypernatremia
E87.1	Hypo-osmolality and hyponatremia
E87.2	Acidosis
E87.3	Alkalosis
E87.4	Mixed disorder of acid-base balance
E87.5	Hyperkalemia
E87.6	Hypokalemia
E87.71	Transfusion associated circulatory overload
E87.79	Other fluid overload
E87.8	Other disorders of electrolyte and fluid balance, not elsewhere classified
E88.1	Lipodystrophy, not elsewhere classified
E88.2	Lipomatosis, not elsewhere classified
E88.89	Other specified metabolic disorders
E89.0	Postprocedural hypothyroidism
E89.2	Postprocedural hypoparathyroidism
E89.6	Postprocedural adrenocortical (-medullary) hypofunction
F11.10	Opioid abuse, uncomplicated
F11.120	Opioid abuse with intoxication, uncomplicated
F11.129	Opioid abuse with intoxication, unspecified
F14.10	Cocaine abuse, uncomplicated
F14.120	Cocaine abuse with intoxication, uncomplicated
F15.10	Other stimulant abuse, uncomplicated
F15.120	Other stimulant abuse with intoxication, uncomplicated
F45.8	Other somatoform disorders
F51.8	Other sleep disorders not due to a substance or known physiological condition
G45.3	Amaurosis fugax
G47.11	Idiopathic hypersomnia with long sleep time
G47.12	Idiopathic hypersomnia without long sleep time
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type
G47.24	Circadian rhythm sleep disorder, free running type
G47.31	Primary central sleep apnea
G47.32	High altitude periodic breathing
G47.33	Obstructive sleep apnea (adult) (pediatric)
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation
G47.8	Other sleep disorders
G62.0	Drug-induced polyneuropathy
G90.01	Carotid sinus syncope
G90.09	Other idiopathic peripheral autonomic neuropathy
G93.3	Postviral fatigue syndrome
H34.01	Transient retinal artery occlusion, right eye

ICD-10 Codes	Description
H34.02	Transient retinal artery occlusion, left eye
H34.03	Transient retinal artery occlusion, bilateral
H34.11	Central retinal artery occlusion, right eye
H34.12	Central retinal artery occlusion, left eye
H34.13	Central retinal artery occlusion, bilateral
H34.211	Partial retinal artery occlusion, right eye
H34.212	Partial retinal artery occlusion, left eye
H34.213	Partial retinal artery occlusion, bilateral
H34.231	Retinal artery branch occlusion, right eye
H34.232	Retinal artery branch occlusion, left eye
H34.233	Retinal artery branch occlusion, bilateral
H34.8110	Central retinal vein occlusion, right eye, with macular edema
H34.8111	Central retinal vein occlusion, right eye, with retinal neovascularization
H34.8120	Central retinal vein occlusion, left eye, with macular edema
H34.8121	Central retinal vein occlusion, left eye, with retinal neovascularization
H34.8130	Central retinal vein occlusion, bilateral, with macular edema
H34.8131	Central retinal vein occlusion, bilateral, with retinal neovascularization
H34.821	Venous engorgement, right eye
H34.822	Venous engorgement, left eye
H34.823	Venous engorgement, bilateral
H34.8310	Tributary (branch) retinal vein occlusion, right eye, with macular edema
H34.8311	Tributary (branch) retinal vein occlusion, right eye, with retinal neovascularization
H34.8320	Tributary (branch) retinal vein occlusion, left eye, with macular edema
H34.8321	Tributary (branch) retinal vein occlusion, left eye, with retinal neovascularization
H34.8330	Tributary (branch) retinal vein occlusion, bilateral, with macular edema
H34.8331	Tributary (branch) retinal vein occlusion, bilateral, with retinal neovascularization
I00	Rheumatic fever without heart involvement
I01.0	Acute rheumatic pericarditis
I01.1	Acute rheumatic endocarditis
I01.2	Acute rheumatic myocarditis
I01.8	Other acute rheumatic heart disease
I01.9	Acute rheumatic heart disease, unspecified
I02.0	Rheumatic chorea with heart involvement
I02.9	Rheumatic chorea without heart involvement
I05.0	Rheumatic mitral stenosis
I05.1	Rheumatic mitral insufficiency
I05.2	Rheumatic mitral stenosis with insufficiency
I05.8	Other rheumatic mitral valve diseases
I05.9	Rheumatic mitral valve disease, unspecified
I06.0	Rheumatic aortic stenosis
I06.1	Rheumatic aortic insufficiency
I06.2	Rheumatic aortic stenosis with insufficiency
I06.8	Other rheumatic aortic valve diseases
I06.9	Rheumatic aortic valve disease, unspecified
I07.0	Rheumatic tricuspid stenosis
I07.1	Rheumatic tricuspid insufficiency
I07.2	Rheumatic tricuspid stenosis and insufficiency
I07.8	Other rheumatic tricuspid valve diseases
I08.0	Rheumatic disorders of both mitral and aortic valves
I08.1	Rheumatic disorders of both mitral and tricuspid valves
I08.2	Rheumatic disorders of both aortic and tricuspid valves
I08.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves
I08.8	Other rheumatic multiple valve diseases
I08.9	Rheumatic multiple valve disease, unspecified
I09.0	Rheumatic myocarditis
I09.1	Rheumatic diseases of endocardium, valve unspecified
I09.2	Chronic rheumatic pericarditis
I09.81	Rheumatic heart failure

ICD-10 Codes	Description
I09.89	Other specified rheumatic heart diseases
I10	Essential (primary) hypertension
I11.0	Hypertensive heart disease with heart failure
I11.9	Hypertensive heart disease without heart failure
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
I15.0	Renovascular hypertension
I15.1	Hypertension secondary to other renal disorders
I15.2	Hypertension secondary to endocrine disorders
I15.8	Other secondary hypertension
I20.0	Unstable angina
I20.1	Angina pectoris with documented spasm
I20.8	Other forms of angina pectoris
I20.9	Angina pectoris, unspecified
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
I21.29	ST elevation (STEMI) myocardial infarction involving other sites
I21.4	Non-ST elevation (NSTEMI) myocardial infarction
I21.9	Acute myocardial infarction, unspecified
I21.A1	Myocardial infarction type 2
I21.A9	Other myocardial infarction type
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
I23.0	Hemopericardium as current complication following acute myocardial infarction
I23.1	Atrial septal defect as current complication following acute myocardial infarction
I23.2	Ventricular septal defect as current complication following acute myocardial infarction
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction
I23.7	Postinfarction angina
I23.8	Other current complications following acute myocardial infarction
I24.0	Acute coronary thrombosis not resulting in myocardial infarction
I24.1	Dressler's syndrome
I24.8	Other forms of acute ischemic heart disease
I24.9	Acute ischemic heart disease, unspecified
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris

ICD-10 Codes	Description
I25.2	Old myocardial infarction
I25.3	Aneurysm of heart
I25.41	Coronary artery aneurysm
I25.42	Coronary artery dissection
I25.5	Ischemic cardiomyopathy
I25.6	Silent myocardial ischemia
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
I25.83	Coronary atherosclerosis due to lipid rich plaque
I25.84	Coronary atherosclerosis due to calcified coronary lesion
I25.89	Other forms of chronic ischemic heart disease
I26.01	Septic pulmonary embolism with acute cor pulmonale
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale
I26.09	Other pulmonary embolism with acute cor pulmonale
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale
I26.99	Other pulmonary embolism without acute cor pulmonale
I27.0	Primary pulmonary hypertension

ICD-10 Codes	Description
I27.1	Kyphoscoliotic heart disease
I27.20	Pulmonary hypertension, unspecified
I27.21	Secondary pulmonary arterial hypertension
I27.22	Pulmonary hypertension due to left heart disease
I27.23	Pulmonary hypertension due to lung diseases and hypoxia
I27.24	Chronic thromboembolic pulmonary hypertension
I27.29	Other secondary pulmonary hypertension
I27.81	Cor pulmonale (chronic)
I27.83	Eisenmenger's syndrome
I27.89	Other specified pulmonary heart diseases
I28.0	Arteriovenous fistula of pulmonary vessels
I28.1	Aneurysm of pulmonary artery
I28.8	Other diseases of pulmonary vessels
I30.0	Acute nonspecific idiopathic pericarditis
I30.1	Infective pericarditis
I30.8	Other forms of acute pericarditis
I30.9	Acute pericarditis, unspecified
I31.0	Chronic adhesive pericarditis
I31.1	Chronic constrictive pericarditis
I31.2	Hemopericardium, not elsewhere classified
I31.3	Pericardial effusion (noninflammatory)
I31.8	Other specified diseases of pericardium
I32	Pericarditis in diseases classified elsewhere
I33.0	Acute and subacute infective endocarditis
I33.9	Acute and subacute endocarditis, unspecified
I34.0	Nonrheumatic mitral (valve) insufficiency
I34.1	Nonrheumatic mitral (valve) prolapse
I34.2	Nonrheumatic mitral (valve) stenosis
I34.8	Other nonrheumatic mitral valve disorders
I35.0	Nonrheumatic aortic (valve) stenosis
I35.1	Nonrheumatic aortic (valve) insufficiency
I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency
I35.8	Other nonrheumatic aortic valve disorders
I36.0	Nonrheumatic tricuspid (valve) stenosis
I36.1	Nonrheumatic tricuspid (valve) insufficiency
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency
I36.8	Other nonrheumatic tricuspid valve disorders
I37.0	Nonrheumatic pulmonary valve stenosis
I37.1	Nonrheumatic pulmonary valve insufficiency
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
I37.8	Other nonrheumatic pulmonary valve disorders
I39	Endocarditis and heart valve disorders in diseases classified elsewhere
I40.0	Infective myocarditis
I40.1	Isolated myocarditis
I40.8	Other acute myocarditis
I40.9	Acute myocarditis, unspecified
I41	Myocarditis in diseases classified elsewhere
I42.0	Dilated cardiomyopathy
I42.1	Obstructive hypertrophic cardiomyopathy
I42.2	Other hypertrophic cardiomyopathy
I42.3	Endomyocardial (eosinophilic) disease
I42.4	Endocardial fibroelastosis
I42.5	Other restrictive cardiomyopathy
I42.6	Alcoholic cardiomyopathy
I42.7	Cardiomyopathy due to drug and external agent
I42.8	Other cardiomyopathies
I43	Cardiomyopathy in diseases classified elsewhere
I44.0	Atrioventricular block, first degree

ICD-10 Codes	Description
I44.1	Atrioventricular block, second degree
I44.2	Atrioventricular block, complete
I44.30	Unspecified atrioventricular block
I44.39	Other atrioventricular block
I44.4	Left anterior fascicular block
I44.5	Left posterior fascicular block
I44.69	Other fascicular block
I44.7	Left bundle-branch block, unspecified
I45.0	Right fascicular block
I45.19	Other right bundle-branch block
I45.2	Bifascicular block
I45.3	Trifascicular block
I45.4	Nonspecific intraventricular block
I45.5	Other specified heart block
I45.6	Pre-excitation syndrome
I45.81	Long QT syndrome
I45.89	Other specified conduction disorders
I45.9	Conduction disorder, unspecified
I46.2	Cardiac arrest due to underlying cardiac condition
I46.8	Cardiac arrest due to other underlying condition
I47.0	Re-entry ventricular arrhythmia
I47.1	Supraventricular tachycardia
I47.2	Ventricular tachycardia
I47.9	Paroxysmal tachycardia, unspecified
I48.0	Paroxysmal atrial fibrillation
I48.1	Persistent atrial fibrillation
I48.2	Chronic atrial fibrillation
I48.3	Typical atrial flutter
I48.4	Atypical atrial flutter
I48.91	Unspecified atrial fibrillation
I48.92	Unspecified atrial flutter
I49.01	Ventricular fibrillation
I49.02	Ventricular flutter
I49.1	Atrial premature depolarization
I49.2	Junctional premature depolarization
I49.3	Ventricular premature depolarization
I49.40	Unspecified premature depolarization
I49.49	Other premature depolarization
I49.5	Sick sinus syndrome
I49.8	Other specified cardiac arrhythmias
I49.9	Cardiac arrhythmia, unspecified
I50.1	Left ventricular failure, unspecified
I50.21	Acute systolic (congestive) heart failure
I50.22	Chronic systolic (congestive) heart failure
I50.23	Acute on chronic systolic (congestive) heart failure
I50.31	Acute diastolic (congestive) heart failure
I50.32	Chronic diastolic (congestive) heart failure
I50.33	Acute on chronic diastolic (congestive) heart failure
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.810	Right heart failure, unspecified
I50.811	Acute right heart failure
I50.812	Chronic right heart failure
I50.813	Acute on chronic right heart failure
I50.814	Right heart failure due to left heart failure
I50.82	Biventricular heart failure

ICD-10 Codes	Description
I50.83	High output heart failure
I50.84	End stage heart failure
I50.89	Other heart failure
I51.0	Cardiac septal defect, acquired
I51.1	Rupture of chordae tendineae, not elsewhere classified
I51.2	Rupture of papillary muscle, not elsewhere classified
I51.3	Intracardiac thrombosis, not elsewhere classified
I51.5	Myocardial degeneration
I51.7	Cardiomegaly
I51.89	Other ill-defined heart diseases
I52	Other heart disorders in diseases classified elsewhere
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries
I63.411	Cerebral infarction due to embolism of right middle cerebral artery
I63.412	Cerebral infarction due to embolism of left middle cerebral artery
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries
I63.441	Cerebral infarction due to embolism of right cerebellar artery
I63.442	Cerebral infarction due to embolism of left cerebellar artery
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries
I63.49	Cerebral infarction due to embolism of other cerebral artery
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery
I63.89	Other cerebral infarction
I63.9	Cerebral infarction, unspecified
I66.01	Occlusion and stenosis of right middle cerebral artery
I66.02	Occlusion and stenosis of left middle cerebral artery
I66.03	Occlusion and stenosis of bilateral middle cerebral arteries
I66.11	Occlusion and stenosis of right anterior cerebral artery
I66.12	Occlusion and stenosis of left anterior cerebral artery
I66.13	Occlusion and stenosis of bilateral anterior cerebral arteries
I66.21	Occlusion and stenosis of right posterior cerebral artery
I66.22	Occlusion and stenosis of left posterior cerebral artery
I66.23	Occlusion and stenosis of bilateral posterior cerebral arteries
I66.3	Occlusion and stenosis of cerebellar arteries

ICD-10 Codes	Description
I66.8	Occlusion and stenosis of other cerebral arteries
I67.0	Dissection of cerebral arteries, nonruptured
I67.841	Reversible cerebrovascular vasoconstriction syndrome
I67.848	Other cerebrovascular vasospasm and vasoconstriction
I67.850	Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy
I67.858	Other hereditary cerebrovascular disease
I67.89	Other cerebrovascular disease
I70.0	Atherosclerosis of aorta
I70.461	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg
I70.462	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg
I70.463	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs
I70.468	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity
I70.561	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg
I70.562	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg
I70.563	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs
I70.568	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity
I70.661	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg
I70.662	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg
I70.663	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs
I70.668	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity
I70.761	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg
I70.762	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg
I70.763	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs
I70.768	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity
I70.91	Generalized atherosclerosis
I71.01	Dissection of thoracic aorta
I71.02	Dissection of abdominal aorta
I71.03	Dissection of thoracoabdominal aorta
I71.1	Thoracic aortic aneurysm, ruptured
I71.2	Thoracic aortic aneurysm, without rupture
I71.3	Abdominal aortic aneurysm, ruptured
I71.4	Abdominal aortic aneurysm, without rupture
I71.5	Thoracoabdominal aortic aneurysm, ruptured
I71.6	Thoracoabdominal aortic aneurysm, without rupture
I72.8	Aneurysm of other specified arteries
I73.00	Raynaud's syndrome without gangrene
I73.01	Raynaud's syndrome with gangrene
I73.1	Thromboangiitis obliterans [Buerger's disease]
I73.89	Other specified peripheral vascular diseases
I74.11	Embolism and thrombosis of thoracic aorta
I74.2	Embolism and thrombosis of arteries of the upper extremities
I74.3	Embolism and thrombosis of arteries of the lower extremities
I74.5	Embolism and thrombosis of iliac artery
I74.8	Embolism and thrombosis of other arteries
I75.011	Atheroembolism of right upper extremity
I75.012	Atheroembolism of left upper extremity
I75.013	Atheroembolism of bilateral upper extremities
I75.021	Atheroembolism of right lower extremity
I75.022	Atheroembolism of left lower extremity
I75.023	Atheroembolism of bilateral lower extremities
I75.81	Atheroembolism of kidney
I75.89	Atheroembolism of other site
I77.71	Dissection of carotid artery
I77.72	Dissection of iliac artery
I77.73	Dissection of renal artery

ICD-10 Codes	Description
I77.74	Dissection of vertebral artery
I77.79	Dissection of other specified artery
I77.810	Thoracic aortic ectasia
I79.0	Aneurysm of aorta in diseases classified elsewhere
I79.1	Aortitis in diseases classified elsewhere
I79.8	Other disorders of arteries, arterioles and capillaries in diseases classified elsewhere
I87.1	Compression of vein
I95.0	Idiopathic hypotension
I95.1	Orthostatic hypotension
I95.2	Hypotension due to drugs
I95.3	Hypotension of hemodialysis
I95.81	Postprocedural hypotension
I95.89	Other hypotension
I96	Gangrene, not elsewhere classified
I97.0	Postcardiotomy syndrome
I97.110	Postprocedural cardiac insufficiency following cardiac surgery
I97.111	Postprocedural cardiac insufficiency following other surgery
I97.120	Postprocedural cardiac arrest following cardiac surgery
I97.121	Postprocedural cardiac arrest following other surgery
I97.130	Postprocedural heart failure following cardiac surgery
I97.131	Postprocedural heart failure following other surgery
I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery
I97.191	Other postprocedural cardiac functional disturbances following other surgery
I97.621	Postprocedural hematoma of a circulatory system organ or structure following other procedure
I97.622	Postprocedural seroma of a circulatory system organ or structure following other procedure
I97.630	Postprocedural hematoma of a circulatory system organ or structure following a cardiac catheterization
I97.631	Postprocedural hematoma of a circulatory system organ or structure following cardiac bypass
I97.638	Postprocedural hematoma of a circulatory system organ or structure following other circulatory system procedure
I97.640	Postprocedural seroma of a circulatory system organ or structure following a cardiac catheterization
I97.641	Postprocedural seroma of a circulatory system organ or structure following cardiac bypass
I97.710	Intraoperative cardiac arrest during cardiac surgery
I97.711	Intraoperative cardiac arrest during other surgery
I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery
I97.791	Other intraoperative cardiac functional disturbances during other surgery
I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified
I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]
J43.1	Panlobular emphysema
J43.2	Centrilobular emphysema
J43.8	Other emphysema
J44.0	Chronic obstructive pulmonary disease with acute lower respiratory infection
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation
J44.9	Chronic obstructive pulmonary disease, unspecified
J45.20	Mild intermittent asthma, uncomplicated
J45.21	Mild intermittent asthma with (acute) exacerbation
J45.22	Mild intermittent asthma with status asthmaticus
J45.30	Mild persistent asthma, uncomplicated
J45.31	Mild persistent asthma with (acute) exacerbation
J45.32	Mild persistent asthma with status asthmaticus
J45.40	Moderate persistent asthma, uncomplicated
J45.41	Moderate persistent asthma with (acute) exacerbation
J45.42	Moderate persistent asthma with status asthmaticus
J45.50	Severe persistent asthma, uncomplicated
J45.51	Severe persistent asthma with (acute) exacerbation
J45.52	Severe persistent asthma with status asthmaticus
J45.902	Unspecified asthma with status asthmaticus

ICD-10 Codes	Description
J45.990	Exercise induced bronchospasm
J45.991	Cough variant asthma
J45.998	Other asthma
J68.1	Pulmonary edema due to chemicals, gases, fumes and vapors
J80	Acute respiratory distress syndrome
J81.0	Acute pulmonary edema
J86.9	Pyothorax without fistula
J90	Pleural effusion, not elsewhere classified
J91.0	Malignant pleural effusion
J91.8	Pleural effusion in other conditions classified elsewhere
J92.0	Pleural plaque with presence of asbestos
J92.9	Pleural plaque without asbestos
J94.0	Chylous effusion
J94.1	Fibrothorax
J94.2	Hemothorax
J94.8	Other specified pleural conditions
J95.1	Acute pulmonary insufficiency following thoracic surgery
J95.2	Acute pulmonary insufficiency following nonthoracic surgery
J95.3	Chronic pulmonary insufficiency following surgery
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J96.01	Acute respiratory failure with hypoxia
J96.02	Acute respiratory failure with hypercapnia
J96.11	Chronic respiratory failure with hypoxia
J96.12	Chronic respiratory failure with hypercapnia
J96.21	Acute and chronic respiratory failure with hypoxia
J96.22	Acute and chronic respiratory failure with hypercapnia
J98.3	Compensatory emphysema
J98.51	Mediastinitis
J98.59	Other diseases of mediastinum, not elsewhere classified
K20.8	Other esophagitis
K20.9	Esophagitis, unspecified
K21.0	Gastro-esophageal reflux disease with esophagitis
K21.9	Gastro-esophageal reflux disease without esophagitis
K22.0	Achalasia of cardia
K22.10	Ulcer of esophagus without bleeding
K22.11	Ulcer of esophagus with bleeding
K22.2	Esophageal obstruction
K22.3	Perforation of esophagus
K22.4	Dyskinesia of esophagus
K22.70	Barrett's esophagus without dysplasia
K22.710	Barrett's esophagus with low grade dysplasia
K22.711	Barrett's esophagus with high grade dysplasia
K44.0	Diaphragmatic hernia with obstruction, without gangrene
K81.0	Acute cholecystitis
K81.1	Chronic cholecystitis
K81.2	Acute cholecystitis with chronic cholecystitis
K82.A2	Perforation of gallbladder in cholecystitis
K83.01	Primary sclerosing cholangitis
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip

ICD-10 Codes	Description
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems
M06.1	Adult-onset Still's disease
M10.9	Gout, unspecified
M30.0	Polyarteritis nodosa
M30.2	Juvenile polyarteritis
M30.8	Other conditions related to polyarteritis nodosa
M31.0	Hypersensitivity angiitis

ICD-10 Codes	Description
M31.4	Aortic arch syndrome [Takayasu]
M31.7	Microscopic polyangiitis
M32.0	Drug-induced systemic lupus erythematosus
M32.11	Endocarditis in systemic lupus erythematosus
M32.12	Pericarditis in systemic lupus erythematosus
M32.13	Lung involvement in systemic lupus erythematosus
M32.14	Glomerular disease in systemic lupus erythematosus
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
M32.19	Other organ or system involvement in systemic lupus erythematosus
M32.8	Other forms of systemic lupus erythematosus
M54.2	Cervicalgia
M54.6	Pain in thoracic spine
M79.601	Pain in right arm
M79.602	Pain in left arm
M79.604	Pain in right leg
M79.605	Pain in left leg
M79.621	Pain in right upper arm
M79.622	Pain in left upper arm
M79.631	Pain in right forearm
M79.632	Pain in left forearm
M79.641	Pain in right hand
M79.642	Pain in left hand
M79.644	Pain in right finger(s)
M79.645	Pain in left finger(s)
M79.651	Pain in right thigh
M79.652	Pain in left thigh
M79.661	Pain in right lower leg
M79.662	Pain in left lower leg
M79.671	Pain in right foot
M79.672	Pain in left foot
M79.674	Pain in right toe(s)
M79.675	Pain in left toe(s)
M94.0	Chondrocostal junction syndrome [Tietze]
M95.4	Acquired deformity of chest and rib
M99.82	Other biomechanical lesions of thoracic region
M99.88	Other biomechanical lesions of rib cage
N26.2	Page kidney
N64.4	Mastodynia
O03.2	Embolism following incomplete spontaneous abortion
O03.31	Shock following incomplete spontaneous abortion
O03.7	Embolism following complete or unspecified spontaneous abortion
O03.81	Shock following complete or unspecified spontaneous abortion
O04.7	Embolism following (induced) termination of pregnancy
O04.81	Shock following (induced) termination of pregnancy
O07.2	Embolism following failed attempted termination of pregnancy
O07.31	Shock following failed attempted termination of pregnancy
O08.2	Embolism following ectopic and molar pregnancy
O08.3	Shock following ectopic and molar pregnancy
O08.7	Other venous complications following an ectopic and molar pregnancy
O08.81	Cardiac arrest following an ectopic and molar pregnancy
O08.83	Urinary tract infection following an ectopic and molar pregnancy
O08.89	Other complications following an ectopic and molar pregnancy
O10.011	Pre-existing essential hypertension complicating pregnancy, first trimester
O10.012	Pre-existing essential hypertension complicating pregnancy, second trimester
O10.013	Pre-existing essential hypertension complicating pregnancy, third trimester
O10.02	Pre-existing essential hypertension complicating childbirth
O10.03	Pre-existing essential hypertension complicating the puerperium
O10.111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester

ICD-10 Codes	Description
O10.112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester
O10.113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester
O10.12	Pre-existing hypertensive heart disease complicating childbirth
O10.13	Pre-existing hypertensive heart disease complicating the puerperium
O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester
O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester
O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth
O10.23	Pre-existing hypertensive chronic kidney disease complicating the puerperium
O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester
O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester
O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth
O10.33	Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium
O10.411	Pre-existing secondary hypertension complicating pregnancy, first trimester
O10.412	Pre-existing secondary hypertension complicating pregnancy, second trimester
O10.413	Pre-existing secondary hypertension complicating pregnancy, third trimester
O10.42	Pre-existing secondary hypertension complicating childbirth
O10.43	Pre-existing secondary hypertension complicating the puerperium
O11.1	Pre-existing hypertension with pre-eclampsia, first trimester
O11.2	Pre-existing hypertension with pre-eclampsia, second trimester
O11.3	Pre-existing hypertension with pre-eclampsia, third trimester
O13.1	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester
O13.2	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester
O13.3	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester
O14.02	Mild to moderate pre-eclampsia, second trimester
O14.03	Mild to moderate pre-eclampsia, third trimester
O14.10	Severe pre-eclampsia, unspecified trimester
O14.12	Severe pre-eclampsia, second trimester
O14.13	Severe pre-eclampsia, third trimester
O14.20	HELLP syndrome (HELLP), unspecified trimester
O14.22	HELLP syndrome (HELLP), second trimester
O14.23	HELLP syndrome (HELLP), third trimester
O14.92	Unspecified pre-eclampsia, second trimester
O14.93	Unspecified pre-eclampsia, third trimester
O15.02	Eclampsia complicating pregnancy, second trimester
O15.03	Eclampsia complicating pregnancy, third trimester
O15.1	Eclampsia complicating labor
O15.2	Eclampsia complicating the puerperium
O26.51	Maternal hypotension syndrome, first trimester
O26.52	Maternal hypotension syndrome, second trimester
O26.53	Maternal hypotension syndrome, third trimester
O74.2	Cardiac complications of anesthesia during labor and delivery
O75.1	Shock during or following labor and delivery
O75.4	Other complications of obstetric surgery and procedures
O88.011	Air embolism in pregnancy, first trimester
O88.012	Air embolism in pregnancy, second trimester
O88.013	Air embolism in pregnancy, third trimester
O88.019	Air embolism in pregnancy, unspecified trimester
O88.02	Air embolism in childbirth
O88.03	Air embolism in the puerperium
O88.111	Amniotic fluid embolism in pregnancy, first trimester
O88.112	Amniotic fluid embolism in pregnancy, second trimester
O88.113	Amniotic fluid embolism in pregnancy, third trimester
O88.119	Amniotic fluid embolism in pregnancy, unspecified trimester
O88.12	Amniotic fluid embolism in childbirth
O88.13	Amniotic fluid embolism in the puerperium

ICD-10 Codes	Description
088.211	Thromboembolism in pregnancy, first trimester
088.212	Thromboembolism in pregnancy, second trimester
088.213	Thromboembolism in pregnancy, third trimester
088.22	Thromboembolism in childbirth
088.23	Thromboembolism in the puerperium
088.311	Pyemic and septic embolism in pregnancy, first trimester
088.312	Pyemic and septic embolism in pregnancy, second trimester
088.313	Pyemic and septic embolism in pregnancy, third trimester
088.319	Pyemic and septic embolism in pregnancy, unspecified trimester
088.32	Pyemic and septic embolism in childbirth
088.33	Pyemic and septic embolism in the puerperium
088.811	Other embolism in pregnancy, first trimester
088.812	Other embolism in pregnancy, second trimester
088.813	Other embolism in pregnancy, third trimester
088.82	Other embolism in childbirth
088.83	Other embolism in the puerperium
089.1	Cardiac complications of anesthesia during the puerperium
090.3	Peripartum cardiomyopathy
099.411	Diseases of the circulatory system complicating pregnancy, first trimester
099.412	Diseases of the circulatory system complicating pregnancy, second trimester
099.413	Diseases of the circulatory system complicating pregnancy, third trimester
099.42	Diseases of the circulatory system complicating childbirth
099.43	Diseases of the circulatory system complicating the puerperium
Q20.0	Common arterial trunk
Q20.1	Double outlet right ventricle
Q20.2	Double outlet left ventricle
Q20.3	Discordant ventriculoarterial connection
Q20.4	Double inlet ventricle
Q20.5	Discordant atrioventricular connection
Q20.6	Isomerism of atrial appendages
Q20.8	Other congenital malformations of cardiac chambers and connections
Q21.0	Ventricular septal defect
Q21.1	Atrial septal defect
Q21.2	Atrioventricular septal defect
Q21.3	Tetralogy of Fallot
Q21.4	Aortopulmonary septal defect
Q21.8	Other congenital malformations of cardiac septa
Q21.9	Congenital malformation of cardiac septum, unspecified
Q22.0	Pulmonary valve atresia
Q22.1	Congenital pulmonary valve stenosis
Q22.2	Congenital pulmonary valve insufficiency
Q22.3	Other congenital malformations of pulmonary valve
Q22.4	Congenital tricuspid stenosis
Q22.5	Ebstein's anomaly
Q22.6	Hypoplastic right heart syndrome
Q22.8	Other congenital malformations of tricuspid valve
Q23.0	Congenital stenosis of aortic valve
Q23.1	Congenital insufficiency of aortic valve
Q23.2	Congenital mitral stenosis
Q23.3	Congenital mitral insufficiency
Q23.4	Hypoplastic left heart syndrome
Q23.8	Other congenital malformations of aortic and mitral valves
Q24.0	Dextrocardia
Q24.1	Levocardia
Q24.2	Cor triatriatum
Q24.3	Pulmonary infundibular stenosis
Q24.4	Congenital subaortic stenosis

ICD-10 Codes	Description
Q24.5	Malformation of coronary vessels
Q24.6	Congenital heart block
Q24.8	Other specified congenital malformations of heart
Q24.9	Congenital malformation of heart, unspecified
Q25.0	Patent ductus arteriosus
Q25.1	Coarctation of aorta
Q25.21	Interruption of aortic arch
Q25.29	Other atresia of aorta
Q25.3	Supravalvular aortic stenosis
Q25.40	Congenital malformation of aorta unspecified
Q25.41	Absence and aplasia of aorta
Q25.42	Hypoplasia of aorta
Q25.43	Congenital aneurysm of aorta
Q25.44	Congenital dilation of aorta
Q25.45	Double aortic arch
Q25.46	Tortuous aortic arch
Q25.47	Right aortic arch
Q25.48	Anomalous origin of subclavian artery
Q25.49	Other congenital malformations of aorta
Q25.5	Atresia of pulmonary artery
Q25.6	Stenosis of pulmonary artery
Q25.71	Coarctation of pulmonary artery
Q25.72	Congenital pulmonary arteriovenous malformation
Q25.79	Other congenital malformations of pulmonary artery
Q25.8	Other congenital malformations of other great arteries
Q26.0	Congenital stenosis of vena cava
Q26.1	Persistent left superior vena cava
Q26.2	Total anomalous pulmonary venous connection
Q26.3	Partial anomalous pulmonary venous connection
Q26.8	Other congenital malformations of great veins
Q67.6	Pectus excavatum
Q67.7	Pectus carinatum
Q93.81	Velo-cardio-facial syndrome
R00.0	Tachycardia, unspecified
R00.1	Bradycardia, unspecified
R00.2	Palpitations
R00.8	Other abnormalities of heart beat
R01.0	Benign and innocent cardiac murmurs
R01.2	Other cardiac sounds
R03.1	Nonspecific low blood-pressure reading
R06.02	Shortness of breath
R06.03	Acute respiratory distress
R07.0	Pain in throat
R07.1	Chest pain on breathing
R07.2	Precordial pain
R07.81	Pleurodynia
R07.82	Intercostal pain
R07.89	Other chest pain
R07.9	Chest pain, unspecified
R09.01	Asphyxia
R09.02	Hypoxemia
R09.1	Pleurisy
R09.2	Respiratory arrest
R10.0	Acute abdomen
R10.10	Upper abdominal pain, unspecified
R10.11	Right upper quadrant pain
R10.12	Left upper quadrant pain
R10.13	Epigastric pain

ICD-10 Codes	Description
R10.2	Pelvic and perineal pain
R10.31	Right lower quadrant pain
R10.32	Left lower quadrant pain
R10.33	Periumbilical pain
R10.84	Generalized abdominal pain
R10.9	Unspecified abdominal pain
R12	Heartburn
R23.0	Cyanosis
R23.1	Pallor
R23.2	Flushing
R40.0	Somnolence
R40.1	Stupor
R40.2111	Coma scale, eyes open, never, in the field [EMT or ambulance]
R40.2112	Coma scale, eyes open, never, at arrival to emergency department
R40.2113	Coma scale, eyes open, never, at hospital admission
R40.2114	Coma scale, eyes open, never, 24 hours or more after hospital admission
R40.2121	Coma scale, eyes open, to pain, in the field [EMT or ambulance]
R40.2122	Coma scale, eyes open, to pain, at arrival to emergency department
R40.2123	Coma scale, eyes open, to pain, at hospital admission
R40.2124	Coma scale, eyes open, to pain, 24 hours or more after hospital admission
R40.2211	Coma scale, best verbal response, none, in the field [EMT or ambulance]
R40.2212	Coma scale, best verbal response, none, at arrival to emergency department
R40.2213	Coma scale, best verbal response, none, at hospital admission
R40.2214	Coma scale, best verbal response, none, 24 hours or more after hospital admission
R40.2221	Coma scale, best verbal response, incomprehensible words, in the field [EMT or ambulance]
R40.2222	Coma scale, best verbal response, incomprehensible words, at arrival to emergency department
R40.2223	Coma scale, best verbal response, incomprehensible words, at hospital admission
R40.2224	Coma scale, best verbal response, incomprehensible words, 24 hours or more after hospital admission
R40.2311	Coma scale, best motor response, none, in the field [EMT or ambulance]
R40.2312	Coma scale, best motor response, none, at arrival to emergency department
R40.2313	Coma scale, best motor response, none, at hospital admission
R40.2314	Coma scale, best motor response, none, 24 hours or more after hospital admission
R40.2321	Coma scale, best motor response, extension, in the field [EMT or ambulance]
R40.2322	Coma scale, best motor response, extension, at arrival to emergency department
R40.2323	Coma scale, best motor response, extension, at hospital admission
R40.2324	Coma scale, best motor response, extension, 24 hours or more after hospital admission
R40.2341	Coma scale, best motor response, flexion withdrawal, in the field [EMT or ambulance]
R40.2342	Coma scale, best motor response, flexion withdrawal, at arrival to emergency department
R40.2343	Coma scale, best motor response, flexion withdrawal, at hospital admission
R40.2344	Coma scale, best motor response, flexion withdrawal, 24 hours or more after hospital admission
R40.3	Persistent vegetative state
R40.4	Transient alteration of awareness
R42	Dizziness and giddiness
R53.0	Neoplastic (malignant) related fatigue
R53.1	Weakness
R53.81	Other malaise
R53.83	Other fatigue
R55	Syncope and collapse
R56.9	Unspecified convulsions
R57.0	Cardiogenic shock
R57.9	Shock, unspecified
R60.0	Localized edema
R60.1	Generalized edema
R61	Generalized hyperhidrosis
R65.10	Systemic inflammatory response syndrome (SIRS) of non-infectious origin without acute organ dysfunction
R65.11	

ICD-10 Codes	Description
	Systemic inflammatory response syndrome (SIRS) of non-infectious origin with acute organ dysfunction
R65.20	Severe sepsis without septic shock
R65.21	Severe sepsis with septic shock
R68.84	Jaw pain
R74.0	Nonspecific elevation of levels of transaminase and lactic acid dehydrogenase [LDH]
R94.31	Abnormal electrocardiogram [ECG] [EKG]
R94.39	Abnormal result of other cardiovascular function study
S12.8XXA	Fracture of other parts of neck, initial encounter
S20.211A	Contusion of right front wall of thorax, initial encounter
S20.212A	Contusion of left front wall of thorax, initial encounter
S21.111A	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21.111D	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.111S	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, sequela
S21.112A	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21.112D	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.112S	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, sequela
S21.121A	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21.121D	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.121S	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, sequela
S21.122A	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21.122D	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.122S	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, sequela
S21.131A	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21.131D	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.131S	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, sequela
S21.132A	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21.132D	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.132S	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, sequela
S21.141A	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21.141D	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.141S	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, sequela
S21.142A	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21.142D	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.142S	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, sequela
S21.151A	Open bite of right front wall of thorax without penetration into thoracic cavity, initial encounter

ICD-10 Codes	Description
S21.151D	Open bite of right front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.151S	Open bite of right front wall of thorax without penetration into thoracic cavity, sequela
S21.152A	Open bite of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21.152D	Open bite of left front wall of thorax without penetration into thoracic cavity, subsequent encounter
S21.152S	Open bite of left front wall of thorax without penetration into thoracic cavity, sequela
S21.301A	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.301D	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.301S	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, sequela
S21.302A	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.302D	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.302S	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, sequela
S21.309A	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21.309D	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.309S	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, sequela
S21.311A	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.311D	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.311S	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.312A	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.312D	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.312S	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.319A	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21.319D	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.319S	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela
S21.321A	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.321D	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.321S	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.322A	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.322D	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.322S	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.329A	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21.329D	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.329S	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela
S21.331A	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.331D	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter

ICD-10 Codes	Description
S21.331S	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.332A	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.332D	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.332S	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.339A	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21.339D	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.339S	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela
S21.341A	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.341D	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.341S	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.342A	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.342D	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.342S	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.349A	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21.349D	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.349S	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela
S21.351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.351D	Open bite of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.351S	Open bite of right front wall of thorax with penetration into thoracic cavity, sequela
S21.352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.352D	Open bite of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.352S	Open bite of left front wall of thorax with penetration into thoracic cavity, sequela
S21.411A	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.411D	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.411S	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.412A	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.412D	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.412S	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.421A	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.421D	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.421S	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.422A	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.422D	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.422S	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela

ICD-10 Codes	Description
S21.431A	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.431D	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.431S	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.432A	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.432D	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.432S	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.441A	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.441D	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.441S	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.442A	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.442D	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.442S	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.451D	Open bite of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.451S	Open bite of right back wall of thorax with penetration into thoracic cavity, sequela
S21.452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.452D	Open bite of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.452S	Open bite of left back wall of thorax with penetration into thoracic cavity, sequela
S22.21XA	Fracture of manubrium, initial encounter for closed fracture
S22.21XB	Fracture of manubrium, initial encounter for open fracture
S22.21XG	Fracture of manubrium, subsequent encounter for fracture with delayed healing
S22.21XK	Fracture of manubrium, subsequent encounter for fracture with nonunion
S22.21XS	Fracture of manubrium, sequela
S22.22XA	Fracture of body of sternum, initial encounter for closed fracture
S22.22XB	Fracture of body of sternum, initial encounter for open fracture
S22.22XD	Fracture of body of sternum, subsequent encounter for fracture with routine healing
S22.22XG	Fracture of body of sternum, subsequent encounter for fracture with delayed healing
S22.22XK	Fracture of body of sternum, subsequent encounter for fracture with nonunion
S22.22XS	Fracture of body of sternum, sequela
S22.23XA	Sternal manubrial dissociation, initial encounter for closed fracture
S22.23XB	Sternal manubrial dissociation, initial encounter for open fracture
S22.23XD	Sternal manubrial dissociation, subsequent encounter for fracture with routine healing
S22.23XG	Sternal manubrial dissociation, subsequent encounter for fracture with delayed healing
S22.23XK	Sternal manubrial dissociation, subsequent encounter for fracture with nonunion
S22.23XS	Sternal manubrial dissociation, sequela
S22.24XA	Fracture of xiphoid process, initial encounter for closed fracture
S22.24XB	Fracture of xiphoid process, initial encounter for open fracture
S22.24XD	Fracture of xiphoid process, subsequent encounter for fracture with routine healing
S22.24XG	Fracture of xiphoid process, subsequent encounter for fracture with delayed healing
S22.24XK	Fracture of xiphoid process, subsequent encounter for fracture with nonunion
S22.24XS	Fracture of xiphoid process, sequela
S22.31XA	Fracture of one rib, right side, initial encounter for closed fracture
S22.31XB	Fracture of one rib, right side, initial encounter for open fracture
S22.31XD	Fracture of one rib, right side, subsequent encounter for fracture with routine healing
S22.31XG	Fracture of one rib, right side, subsequent encounter for fracture with delayed healing
S22.31XK	Fracture of one rib, right side, subsequent encounter for fracture with nonunion
S22.31XS	Fracture of one rib, right side, sequela

ICD-10 Codes	Description
S22.32XA	Fracture of one rib, left side, initial encounter for closed fracture
S22.32XB	Fracture of one rib, left side, initial encounter for open fracture
S22.32XD	Fracture of one rib, left side, subsequent encounter for fracture with routine healing
S22.32XG	Fracture of one rib, left side, subsequent encounter for fracture with delayed healing
S22.32XK	Fracture of one rib, left side, subsequent encounter for fracture with nonunion
S22.32XS	Fracture of one rib, left side, sequela
S22.41XA	Multiple fractures of ribs, right side, initial encounter for closed fracture
S22.41XB	Multiple fractures of ribs, right side, initial encounter for open fracture
S22.41XD	Multiple fractures of ribs, right side, subsequent encounter for fracture with routine healing
S22.41XG	Multiple fractures of ribs, right side, subsequent encounter for fracture with delayed healing
S22.41XK	Multiple fractures of ribs, right side, subsequent encounter for fracture with nonunion
S22.41XS	Multiple fractures of ribs, right side, sequela
S22.42XA	Multiple fractures of ribs, left side, initial encounter for closed fracture
S22.42XB	Multiple fractures of ribs, left side, initial encounter for open fracture
S22.42XD	Multiple fractures of ribs, left side, subsequent encounter for fracture with routine healing
S22.42XG	Multiple fractures of ribs, left side, subsequent encounter for fracture with delayed healing
S22.42XK	Multiple fractures of ribs, left side, subsequent encounter for fracture with nonunion
S22.42XS	Multiple fractures of ribs, left side, sequela
S22.43XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture
S22.43XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture
S22.43XD	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with routine healing
S22.43XG	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with delayed healing
S22.43XK	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with nonunion
S22.43XS	Multiple fractures of ribs, bilateral, sequela
S22.5XXA	Flail chest, initial encounter for closed fracture
S22.5XXB	Flail chest, initial encounter for open fracture
S22.5XXD	Flail chest, subsequent encounter for fracture with routine healing
S22.5XXG	Flail chest, subsequent encounter for fracture with delayed healing
S22.5XXK	Flail chest, subsequent encounter for fracture with nonunion
S22.5XXS	Flail chest, sequela
S25.01XA	Minor laceration of thoracic aorta, initial encounter
S25.01XD	Minor laceration of thoracic aorta, subsequent encounter
S25.01XS	Minor laceration of thoracic aorta, sequela
S25.02XA	Major laceration of thoracic aorta, initial encounter
S25.02XD	Major laceration of thoracic aorta, subsequent encounter
S25.02XS	Major laceration of thoracic aorta, sequela
S25.09XA	Other specified injury of thoracic aorta, initial encounter
S25.09XD	Other specified injury of thoracic aorta, subsequent encounter
S25.09XS	Other specified injury of thoracic aorta, sequela
S25.111A	Minor laceration of right innominate or subclavian artery, initial encounter
S25.111D	Minor laceration of right innominate or subclavian artery, subsequent encounter
S25.111S	Minor laceration of right innominate or subclavian artery, sequela
S25.112A	Minor laceration of left innominate or subclavian artery, initial encounter
S25.112D	Minor laceration of left innominate or subclavian artery, subsequent encounter
S25.112S	Minor laceration of left innominate or subclavian artery, sequela
S25.121A	Major laceration of right innominate or subclavian artery, initial encounter
S25.121D	Major laceration of right innominate or subclavian artery, subsequent encounter
S25.121S	Major laceration of right innominate or subclavian artery, sequela
S25.122A	Major laceration of left innominate or subclavian artery, initial encounter
S25.122D	Major laceration of left innominate or subclavian artery, subsequent encounter
S25.122S	Major laceration of left innominate or subclavian artery, sequela
S25.191A	Other specified injury of right innominate or subclavian artery, initial encounter
S25.191D	Other specified injury of right innominate or subclavian artery, subsequent encounter
S25.191S	Other specified injury of right innominate or subclavian artery, sequela
S25.192A	Other specified injury of left innominate or subclavian artery, initial encounter
S25.192D	Other specified injury of left innominate or subclavian artery, subsequent encounter
S25.192S	Other specified injury of left innominate or subclavian artery, sequela
S25.21XA	Minor laceration of superior vena cava, initial encounter

ICD-10 Codes	Description
S25.21XD	Minor laceration of superior vena cava, subsequent encounter
S25.21XS	Minor laceration of superior vena cava, sequela
S25.22XA	Major laceration of superior vena cava, initial encounter
S25.22XD	Major laceration of superior vena cava, subsequent encounter
S25.22XS	Major laceration of superior vena cava, sequela
S25.29XA	Other specified injury of superior vena cava, initial encounter
S25.29XD	Other specified injury of superior vena cava, subsequent encounter
S25.29XS	Other specified injury of superior vena cava, sequela
S25.311A	Minor laceration of right innominate or subclavian vein, initial encounter
S25.311D	Minor laceration of right innominate or subclavian vein, subsequent encounter
S25.311S	Minor laceration of right innominate or subclavian vein, sequela
S25.312A	Minor laceration of left innominate or subclavian vein, initial encounter
S25.312D	Minor laceration of left innominate or subclavian vein, subsequent encounter
S25.312S	Minor laceration of left innominate or subclavian vein, sequela
S25.321A	Major laceration of right innominate or subclavian vein, initial encounter
S25.321D	Major laceration of right innominate or subclavian vein, subsequent encounter
S25.321S	Major laceration of right innominate or subclavian vein, sequela
S25.322A	Major laceration of left innominate or subclavian vein, initial encounter
S25.322D	Major laceration of left innominate or subclavian vein, subsequent encounter
S25.322S	Major laceration of left innominate or subclavian vein, sequela
S25.391A	Other specified injury of right innominate or subclavian vein, initial encounter
S25.391D	Other specified injury of right innominate or subclavian vein, subsequent encounter
S25.391S	Other specified injury of right innominate or subclavian vein, sequela
S25.392A	Other specified injury of left innominate or subclavian vein, initial encounter
S25.392D	Other specified injury of left innominate or subclavian vein, subsequent encounter
S25.392S	Other specified injury of left innominate or subclavian vein, sequela
S25.411A	Minor laceration of right pulmonary blood vessels, initial encounter
S25.411D	Minor laceration of right pulmonary blood vessels, subsequent encounter
S25.411S	Minor laceration of right pulmonary blood vessels, sequela
S25.412A	Minor laceration of left pulmonary blood vessels, initial encounter
S25.412D	Minor laceration of left pulmonary blood vessels, subsequent encounter
S25.412S	Minor laceration of left pulmonary blood vessels, sequela
S25.421A	Major laceration of right pulmonary blood vessels, initial encounter
S25.421D	Major laceration of right pulmonary blood vessels, subsequent encounter
S25.421S	Major laceration of right pulmonary blood vessels, sequela
S25.422A	Major laceration of left pulmonary blood vessels, initial encounter
S25.422D	Major laceration of left pulmonary blood vessels, subsequent encounter
S25.422S	Major laceration of left pulmonary blood vessels, sequela
S25.429A	Major laceration of unspecified pulmonary blood vessels, initial encounter
S25.429D	Major laceration of unspecified pulmonary blood vessels, subsequent encounter
S25.429S	Major laceration of unspecified pulmonary blood vessels, sequela
S25.491A	Other specified injury of right pulmonary blood vessels, initial encounter
S25.491D	Other specified injury of right pulmonary blood vessels, subsequent encounter
S25.491S	Other specified injury of right pulmonary blood vessels, sequela
S25.492A	Other specified injury of left pulmonary blood vessels, initial encounter
S25.492D	Other specified injury of left pulmonary blood vessels, subsequent encounter
S25.492S	Other specified injury of left pulmonary blood vessels, sequela
S25.511A	Laceration of intercostal blood vessels, right side, initial encounter
S25.511D	Laceration of intercostal blood vessels, right side, subsequent encounter
S25.511S	Laceration of intercostal blood vessels, right side, sequela
S25.512A	Laceration of intercostal blood vessels, left side, initial encounter
S25.512D	Laceration of intercostal blood vessels, left side, subsequent encounter
S25.512S	Laceration of intercostal blood vessels, left side, sequela
S25.591A	Other specified injury of intercostal blood vessels, right side, initial encounter
S25.591D	Other specified injury of intercostal blood vessels, right side, subsequent encounter
S25.591S	Other specified injury of intercostal blood vessels, right side, sequela
S25.592A	Other specified injury of intercostal blood vessels, left side, initial encounter

ICD-10 Codes	Description
S25.592D	Other specified injury of intercostal blood vessels, left side, subsequent encounter
S25.592S	Other specified injury of intercostal blood vessels, left side, sequela
S25.811A	Laceration of other blood vessels of thorax, right side, initial encounter
S25.811D	Laceration of other blood vessels of thorax, right side, subsequent encounter
S25.811S	Laceration of other blood vessels of thorax, right side, sequela
S25.812A	Laceration of other blood vessels of thorax, left side, initial encounter
S25.812D	Laceration of other blood vessels of thorax, left side, subsequent encounter
S25.812S	Laceration of other blood vessels of thorax, left side, sequela
S25.891A	Other specified injury of other blood vessels of thorax, right side, initial encounter
S25.891D	Other specified injury of other blood vessels of thorax, right side, subsequent encounter
S25.891S	Other specified injury of other blood vessels of thorax, right side, sequela
S25.892A	Other specified injury of other blood vessels of thorax, left side, initial encounter
S25.892D	Other specified injury of other blood vessels of thorax, left side, subsequent encounter
S25.892S	Other specified injury of other blood vessels of thorax, left side, sequela
S26.00XA	Unspecified injury of heart with hemopericardium, initial encounter
S26.00XD	Unspecified injury of heart with hemopericardium, subsequent encounter
S26.00XS	Unspecified injury of heart with hemopericardium, sequela
S26.01XA	Contusion of heart with hemopericardium, initial encounter
S26.01XD	Contusion of heart with hemopericardium, subsequent encounter
S26.01XS	Contusion of heart with hemopericardium, sequela
S26.020A	Mild laceration of heart with hemopericardium, initial encounter
S26.020D	Mild laceration of heart with hemopericardium, subsequent encounter
S26.020S	Mild laceration of heart with hemopericardium, sequela
S26.021A	Moderate laceration of heart with hemopericardium, initial encounter
S26.021D	Moderate laceration of heart with hemopericardium, subsequent encounter
S26.021S	Moderate laceration of heart with hemopericardium, sequela
S26.022A	Major laceration of heart with hemopericardium, initial encounter
S26.022D	Major laceration of heart with hemopericardium, subsequent encounter
S26.022S	Major laceration of heart with hemopericardium, sequela
S26.09XA	Other injury of heart with hemopericardium, initial encounter
S26.09XD	Other injury of heart with hemopericardium, subsequent encounter
S26.09XS	Other injury of heart with hemopericardium, sequela
S26.10XA	Unspecified injury of heart without hemopericardium, initial encounter
S26.10XD	Unspecified injury of heart without hemopericardium, subsequent encounter
S26.10XS	Unspecified injury of heart without hemopericardium, sequela
S26.11XA	Contusion of heart without hemopericardium, initial encounter
S26.11XD	Contusion of heart without hemopericardium, subsequent encounter
S26.11XS	Contusion of heart without hemopericardium, sequela
S26.12XA	Laceration of heart without hemopericardium, initial encounter
S26.12XD	Laceration of heart without hemopericardium, subsequent encounter
S26.12XS	Laceration of heart without hemopericardium, sequela
S26.19XA	Other injury of heart without hemopericardium, initial encounter
S26.19XD	Other injury of heart without hemopericardium, subsequent encounter
S26.19XS	Other injury of heart without hemopericardium, sequela
S26.90XA	Unspecified injury of heart, unspecified with or without hemopericardium, initial encounter
S26.90XD	Unspecified injury of heart, unspecified with or without hemopericardium, subsequent encounter
S26.90XS	Unspecified injury of heart, unspecified with or without hemopericardium, sequela
S26.99XA	Other injury of heart, unspecified with or without hemopericardium, initial encounter
S26.99XD	Other injury of heart, unspecified with or without hemopericardium, subsequent encounter
S26.99XS	Other injury of heart, unspecified with or without hemopericardium, sequela
S27.0XXA	Traumatic pneumothorax, initial encounter
S27.0XXD	Traumatic pneumothorax, subsequent encounter
S27.0XXS	Traumatic pneumothorax, sequela
S27.1XXA	Traumatic hemothorax, initial encounter
S27.1XXD	Traumatic hemothorax, subsequent encounter
S27.1XXS	Traumatic hemothorax, sequela
S27.2XXA	Traumatic hemopneumothorax, initial encounter
S27.2XXD	Traumatic hemopneumothorax, subsequent encounter

ICD-10 Codes	Description
S27.2XXS	Traumatic hemopneumothorax, sequela
S27.311A	Primary blast injury of lung, unilateral, initial encounter
S27.311D	Primary blast injury of lung, unilateral, subsequent encounter
S27.311S	Primary blast injury of lung, unilateral, sequela
S27.312A	Primary blast injury of lung, bilateral, initial encounter
S27.312D	Primary blast injury of lung, bilateral, subsequent encounter
S27.312S	Primary blast injury of lung, bilateral, sequela
S27.321A	Contusion of lung, unilateral, initial encounter
S27.321D	Contusion of lung, unilateral, subsequent encounter
S27.321S	Contusion of lung, unilateral, sequela
S27.322A	Contusion of lung, bilateral, initial encounter
S27.322D	Contusion of lung, bilateral, subsequent encounter
S27.322S	Contusion of lung, bilateral, sequela
S27.331A	Laceration of lung, unilateral, initial encounter
S27.331D	Laceration of lung, unilateral, subsequent encounter
S27.331S	Laceration of lung, unilateral, sequela
S27.332A	Laceration of lung, bilateral, initial encounter
S27.332D	Laceration of lung, bilateral, subsequent encounter
S27.332S	Laceration of lung, bilateral, sequela
S27.391A	Other injuries of lung, unilateral, initial encounter
S27.391D	Other injuries of lung, unilateral, subsequent encounter
S27.391S	Other injuries of lung, unilateral, sequela
S27.392A	Other injuries of lung, bilateral, initial encounter
S27.392D	Other injuries of lung, bilateral, subsequent encounter
S27.392S	Other injuries of lung, bilateral, sequela
S28.0XXA	Crushed chest, initial encounter
S28.0XXD	Crushed chest, subsequent encounter
S28.0XXS	Crushed chest, sequela
S28.1XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter
S28.1XXD	Traumatic amputation (partial) of part of thorax, except breast, subsequent encounter
S28.1XXS	Traumatic amputation (partial) of part of thorax, except breast, sequela
S29.021A	Laceration of muscle and tendon of front wall of thorax, initial encounter
S29.021D	Laceration of muscle and tendon of front wall of thorax, subsequent encounter
S29.021S	Laceration of muscle and tendon of front wall of thorax, sequela
S29.091A	Other injury of muscle and tendon of front wall of thorax, initial encounter
S29.091D	Other injury of muscle and tendon of front wall of thorax, subsequent encounter
S29.091S	Other injury of muscle and tendon of front wall of thorax, sequela
S29.092A	Other injury of muscle and tendon of back wall of thorax, initial encounter
S29.092D	Other injury of muscle and tendon of back wall of thorax, subsequent encounter
S29.092S	Other injury of muscle and tendon of back wall of thorax, sequela
S29.8XXA	Other specified injuries of thorax, initial encounter
S29.8XXD	Other specified injuries of thorax, subsequent encounter
S29.8XXS	Other specified injuries of thorax, sequela
S39.091A	Other injury of muscle, fascia and tendon of abdomen, initial encounter
S39.091D	Other injury of muscle, fascia and tendon of abdomen, subsequent encounter
S39.091S	Other injury of muscle, fascia and tendon of abdomen, sequela
S39.092A	Other injury of muscle, fascia and tendon of lower back, initial encounter
S39.092D	Other injury of muscle, fascia and tendon of lower back, subsequent encounter
S39.092S	Other injury of muscle, fascia and tendon of lower back, sequela
S39.093A	Other injury of muscle, fascia and tendon of pelvis, initial encounter
S39.093D	Other injury of muscle, fascia and tendon of pelvis, subsequent encounter
S39.093S	Other injury of muscle, fascia and tendon of pelvis, sequela
S39.81XA	Other specified injuries of abdomen, initial encounter
S39.81XD	Other specified injuries of abdomen, subsequent encounter
S39.81XS	Other specified injuries of abdomen, sequela
S39.82XA	Other specified injuries of lower back, initial encounter
S39.82XD	Other specified injuries of lower back, subsequent encounter

ICD-10 Codes	Description
S39.82XS	Other specified injuries of lower back, sequela
S39.83XA	Other specified injuries of pelvis, initial encounter
S39.83XD	Other specified injuries of pelvis, subsequent encounter
S39.83XS	Other specified injuries of pelvis, sequela
T43.641A	Poisoning by ecstasy, accidental (unintentional), initial encounter
T43.641D	Poisoning by ecstasy, accidental (unintentional), subsequent encounter
T43.641S	Poisoning by ecstasy, accidental (unintentional), sequela
T43.642A	Poisoning by ecstasy, intentional self-harm, initial encounter
T43.642D	Poisoning by ecstasy, intentional self-harm, subsequent encounter
T43.642S	Poisoning by ecstasy, intentional self-harm, sequela
T43.643A	Poisoning by ecstasy, assault, initial encounter
T43.643D	Poisoning by ecstasy, assault, subsequent encounter
T43.643S	Poisoning by ecstasy, assault, sequela
T43.644A	Poisoning by ecstasy, undetermined, initial encounter
T43.644D	Poisoning by ecstasy, undetermined, subsequent encounter
T43.644S	Poisoning by ecstasy, undetermined, sequela
T44.2X1A	Poisoning by ganglionic blocking drugs, accidental (unintentional), initial encounter
T44.2X1D	Poisoning by ganglionic blocking drugs, accidental (unintentional), subsequent encounter
T44.2X1S	Poisoning by ganglionic blocking drugs, accidental (unintentional), sequela
T44.2X2A	Poisoning by ganglionic blocking drugs, intentional self-harm, initial encounter
T44.2X2D	Poisoning by ganglionic blocking drugs, intentional self-harm, subsequent encounter
T44.2X2S	Poisoning by ganglionic blocking drugs, intentional self-harm, sequela
T44.2X3A	Poisoning by ganglionic blocking drugs, assault, initial encounter
T44.2X3D	Poisoning by ganglionic blocking drugs, assault, subsequent encounter
T44.2X3S	Poisoning by ganglionic blocking drugs, assault, sequela
T44.2X4A	Poisoning by ganglionic blocking drugs, undetermined, initial encounter
T44.2X4D	Poisoning by ganglionic blocking drugs, undetermined, subsequent encounter
T44.2X4S	Poisoning by ganglionic blocking drugs, undetermined, sequela
T45.1X1A	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter
T45.1X1D	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), subsequent encounter
T45.1X1S	Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), sequela
T45.1X2A	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter
T45.1X2D	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, subsequent encounter
T45.1X2S	Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela
T45.1X3A	Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter
T45.1X3D	Poisoning by antineoplastic and immunosuppressive drugs, assault, subsequent encounter
T45.1X3S	Poisoning by antineoplastic and immunosuppressive drugs, assault, sequela
T45.1X4A	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter
T45.1X4D	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, subsequent encounter
T45.1X4S	Poisoning by antineoplastic and immunosuppressive drugs, undetermined, sequela
T46.0X1A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, accidental (unintentional), initial encounter
T46.0X1D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, accidental (unintentional), subsequent encounter
T46.0X1S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, accidental (unintentional), sequela
T46.0X2A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter
T46.0X2D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, subsequent encounter
T46.0X2S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela
T46.0X3A	Poisoning by cardiac-stimulant glycosides and drugs of similar action, assault, initial encounter
T46.0X3D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, assault, subsequent encounter
T46.0X3S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, assault, sequela
T46.0X4A	

**ICD-10
Codes****Description**

	Poisoning by cardiac-stimulant glycosides and drugs of similar action, undetermined, initial encounter
T46.0X4D	Poisoning by cardiac-stimulant glycosides and drugs of similar action, undetermined, subsequent encounter
T46.0X4S	Poisoning by cardiac-stimulant glycosides and drugs of similar action, undetermined, sequela
T46.1X1A	Poisoning by calcium-channel blockers, accidental (unintentional), initial encounter
T46.1X1D	Poisoning by calcium-channel blockers, accidental (unintentional), subsequent encounter
T46.1X1S	Poisoning by calcium-channel blockers, accidental (unintentional), sequela
T46.1X2A	Poisoning by calcium-channel blockers, intentional self-harm, initial encounter
T46.1X2D	Poisoning by calcium-channel blockers, intentional self-harm, subsequent encounter
T46.1X2S	Poisoning by calcium-channel blockers, intentional self-harm, sequela
T46.1X3A	Poisoning by calcium-channel blockers, assault, initial encounter
T46.1X3D	Poisoning by calcium-channel blockers, assault, subsequent encounter
T46.1X3S	Poisoning by calcium-channel blockers, assault, sequela
T46.1X4A	Poisoning by calcium-channel blockers, undetermined, initial encounter
T46.1X4D	Poisoning by calcium-channel blockers, undetermined, subsequent encounter
T46.1X4S	Poisoning by calcium-channel blockers, undetermined, sequela
T46.2X1A	Poisoning by other antidysrhythmic drugs, accidental (unintentional), initial encounter
T46.2X1D	Poisoning by other antidysrhythmic drugs, accidental (unintentional), subsequent encounter
T46.2X1S	Poisoning by other antidysrhythmic drugs, accidental (unintentional), sequela
T46.2X2A	Poisoning by other antidysrhythmic drugs, intentional self-harm, initial encounter
T46.2X2D	Poisoning by other antidysrhythmic drugs, intentional self-harm, subsequent encounter
T46.2X2S	Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela
T46.2X3A	Poisoning by other antidysrhythmic drugs, assault, initial encounter
T46.2X3D	Poisoning by other antidysrhythmic drugs, assault, subsequent encounter
T46.2X3S	Poisoning by other antidysrhythmic drugs, assault, sequela
T46.2X4A	Poisoning by other antidysrhythmic drugs, undetermined, initial encounter
T46.2X4D	Poisoning by other antidysrhythmic drugs, undetermined, subsequent encounter
T46.2X4S	Poisoning by other antidysrhythmic drugs, undetermined, sequela
T46.3X1A	Poisoning by coronary vasodilators, accidental (unintentional), initial encounter
T46.3X1D	Poisoning by coronary vasodilators, accidental (unintentional), subsequent encounter
T46.3X1S	Poisoning by coronary vasodilators, accidental (unintentional), sequela
T46.3X2A	Poisoning by coronary vasodilators, intentional self-harm, initial encounter
T46.3X2D	Poisoning by coronary vasodilators, intentional self-harm, subsequent encounter
T46.3X2S	Poisoning by coronary vasodilators, intentional self-harm, sequela
T46.3X3A	Poisoning by coronary vasodilators, assault, initial encounter
T46.3X3D	Poisoning by coronary vasodilators, assault, subsequent encounter
T46.3X3S	Poisoning by coronary vasodilators, assault, sequela
T46.3X4A	Poisoning by coronary vasodilators, undetermined, initial encounter
T46.3X4D	Poisoning by coronary vasodilators, undetermined, subsequent encounter
T46.3X4S	Poisoning by coronary vasodilators, undetermined, sequela
T46.4X1A	Poisoning by angiotensin-converting-enzyme inhibitors, accidental (unintentional), initial encounter
T46.4X1D	Poisoning by angiotensin-converting-enzyme inhibitors, accidental (unintentional), subsequent encounter
T46.4X1S	Poisoning by angiotensin-converting-enzyme inhibitors, accidental (unintentional), sequela
T46.4X2A	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, initial encounter
T46.4X2D	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, subsequent encounter
T46.4X2S	Poisoning by angiotensin-converting-enzyme inhibitors, intentional self-harm, sequela
T46.4X3A	Poisoning by angiotensin-converting-enzyme inhibitors, assault, initial encounter
T46.4X3D	Poisoning by angiotensin-converting-enzyme inhibitors, assault, subsequent encounter
T46.4X3S	Poisoning by angiotensin-converting-enzyme inhibitors, assault, sequela
T46.4X4A	Poisoning by angiotensin-converting-enzyme inhibitors, undetermined, initial encounter
T46.4X4D	Poisoning by angiotensin-converting-enzyme inhibitors, undetermined, subsequent encounter
T46.4X4S	Poisoning by angiotensin-converting-enzyme inhibitors, undetermined, sequela
T46.5X1A	Poisoning by other antihypertensive drugs, accidental (unintentional), initial encounter
T46.5X1D	Poisoning by other antihypertensive drugs, accidental (unintentional), subsequent encounter
T46.5X1S	Poisoning by other antihypertensive drugs, accidental (unintentional), sequela
T46.5X2A	Poisoning by other antihypertensive drugs, intentional self-harm, initial encounter

ICD-10 Codes	Description
T46.5X2D	Poisoning by other antihypertensive drugs, intentional self-harm, subsequent encounter
T46.5X2S	Poisoning by other antihypertensive drugs, intentional self-harm, sequela
T46.5X3A	Poisoning by other antihypertensive drugs, assault, initial encounter
T46.5X3D	Poisoning by other antihypertensive drugs, assault, subsequent encounter
T46.5X3S	Poisoning by other antihypertensive drugs, assault, sequela
T46.5X4A	Poisoning by other antihypertensive drugs, undetermined, initial encounter
T46.5X4D	Poisoning by other antihypertensive drugs, undetermined, subsequent encounter
T46.5X4S	Poisoning by other antihypertensive drugs, undetermined, sequela
T46.6X1A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, accidental (unintentional), initial encounter
T46.6X1D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, accidental (unintentional), subsequent encounter
T46.6X1S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, accidental (unintentional), sequela
T46.6X2A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, initial encounter
T46.6X2D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, subsequent encounter
T46.6X2S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela
T46.6X3A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, assault, initial encounter
T46.6X3D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, assault, subsequent encounter
T46.6X3S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, assault, sequela
T46.6X4A	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, undetermined, initial encounter
T46.6X4D	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, undetermined, subsequent encounter
T46.6X4S	Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, undetermined, sequela
T46.7X1A	Poisoning by peripheral vasodilators, accidental (unintentional), initial encounter
T46.7X1D	Poisoning by peripheral vasodilators, accidental (unintentional), subsequent encounter
T46.7X1S	Poisoning by peripheral vasodilators, accidental (unintentional), sequela
T46.7X2A	Poisoning by peripheral vasodilators, intentional self-harm, initial encounter
T46.7X2D	Poisoning by peripheral vasodilators, intentional self-harm, subsequent encounter
T46.7X2S	Poisoning by peripheral vasodilators, intentional self-harm, sequela
T46.7X3A	Poisoning by peripheral vasodilators, assault, initial encounter
T46.7X3D	Poisoning by peripheral vasodilators, assault, subsequent encounter
T46.7X3S	Poisoning by peripheral vasodilators, assault, sequela
T46.7X4A	Poisoning by peripheral vasodilators, undetermined, initial encounter
T46.7X4D	Poisoning by peripheral vasodilators, undetermined, subsequent encounter
T46.7X4S	Poisoning by peripheral vasodilators, undetermined, sequela
T46.8X1A	Poisoning by antivaricose drugs, including sclerosing agents, accidental (unintentional), initial encounter
T46.8X1D	Poisoning by antivaricose drugs, including sclerosing agents, accidental (unintentional), subsequent encounter
T46.8X1S	Poisoning by antivaricose drugs, including sclerosing agents, accidental (unintentional), sequela
T46.8X2A	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, initial encounter
T46.8X2D	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, subsequent encounter
T46.8X2S	Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela
T46.8X3A	Poisoning by antivaricose drugs, including sclerosing agents, assault, initial encounter
T46.8X3D	Poisoning by antivaricose drugs, including sclerosing agents, assault, subsequent encounter
T46.8X3S	Poisoning by antivaricose drugs, including sclerosing agents, assault, sequela
T46.8X4A	Poisoning by antivaricose drugs, including sclerosing agents, undetermined, initial encounter
T46.8X4D	Poisoning by antivaricose drugs, including sclerosing agents, undetermined, subsequent encounter
T46.8X4S	Poisoning by antivaricose drugs, including sclerosing agents, undetermined, sequela
T46.901A	Poisoning by unspecified agents primarily affecting the cardiovascular system, accidental (unintentional), initial encounter
T46.901D	Poisoning by unspecified agents primarily affecting the cardiovascular system, accidental (unintentional), subsequent encounter
T46.901S	Poisoning by unspecified agents primarily affecting the cardiovascular system, accidental (unintentional), sequela
T46.902A	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter

ICD-10 Codes	Description
T46.902D	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter
T46.902S	Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela
T46.903A	Poisoning by unspecified agents primarily affecting the cardiovascular system, assault, initial encounter
T46.903D	Poisoning by unspecified agents primarily affecting the cardiovascular system, assault, subsequent encounter
T46.903S	Poisoning by unspecified agents primarily affecting the cardiovascular system, assault, sequela
T46.904A	Poisoning by unspecified agents primarily affecting the cardiovascular system, undetermined, initial encounter
T46.904D	Poisoning by unspecified agents primarily affecting the cardiovascular system, undetermined, subsequent encounter
T46.904S	Poisoning by unspecified agents primarily affecting the cardiovascular system, undetermined, sequela
T46.991A	Poisoning by other agents primarily affecting the cardiovascular system, accidental (unintentional), initial encounter
T46.991D	Poisoning by other agents primarily affecting the cardiovascular system, accidental (unintentional), subsequent encounter
T46.991S	Poisoning by other agents primarily affecting the cardiovascular system, accidental (unintentional), sequela
T46.992A	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, initial encounter
T46.992D	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, subsequent encounter
T46.992S	Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela
T46.993A	Poisoning by other agents primarily affecting the cardiovascular system, assault, initial encounter
T46.993D	Poisoning by other agents primarily affecting the cardiovascular system, assault, subsequent encounter
T46.993S	Poisoning by other agents primarily affecting the cardiovascular system, assault, sequela
T46.994A	Poisoning by other agents primarily affecting the cardiovascular system, undetermined, initial encounter
T46.994D	Poisoning by other agents primarily affecting the cardiovascular system, undetermined, subsequent encounter
T46.994S	Poisoning by other agents primarily affecting the cardiovascular system, undetermined, sequela
T55.0X1A	Toxic effect of soaps, accidental (unintentional), initial encounter
T55.0X1D	Toxic effect of soaps, accidental (unintentional), subsequent encounter
T55.0X1S	Toxic effect of soaps, accidental (unintentional), sequela
T55.0X2A	Toxic effect of soaps, intentional self-harm, initial encounter
T55.0X2D	Toxic effect of soaps, intentional self-harm, subsequent encounter
T55.0X2S	Toxic effect of soaps, intentional self-harm, sequela
T55.0X3A	Toxic effect of soaps, assault, initial encounter
T55.0X3D	Toxic effect of soaps, assault, subsequent encounter
T55.0X3S	Toxic effect of soaps, assault, sequela
T55.0X4A	Toxic effect of soaps, undetermined, initial encounter
T55.0X4D	Toxic effect of soaps, undetermined, subsequent encounter
T55.0X4S	Toxic effect of soaps, undetermined, sequela
T55.1X1A	Toxic effect of detergents, accidental (unintentional), initial encounter
T55.1X1D	Toxic effect of detergents, accidental (unintentional), subsequent encounter
T55.1X1S	Toxic effect of detergents, accidental (unintentional), sequela
T55.1X2A	Toxic effect of detergents, intentional self-harm, initial encounter
T55.1X2D	Toxic effect of detergents, intentional self-harm, subsequent encounter
T55.1X2S	Toxic effect of detergents, intentional self-harm, sequela
T55.1X3A	Toxic effect of detergents, assault, initial encounter
T55.1X3D	Toxic effect of detergents, assault, subsequent encounter
T55.1X3S	Toxic effect of detergents, assault, sequela
T55.1X4A	Toxic effect of detergents, undetermined, initial encounter
T55.1X4D	Toxic effect of detergents, undetermined, subsequent encounter

ICD-10 Codes	Description
T55.1X4S	Toxic effect of detergents, undetermined, sequela
T58.01XA	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), initial encounter
T58.01XD	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), subsequent encounter
T58.01XS	Toxic effect of carbon monoxide from motor vehicle exhaust, accidental (unintentional), sequela
T58.02XA	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, initial encounter
T58.02XD	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, subsequent encounter
T58.02XS	Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela
T58.03XA	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, initial encounter
T58.03XD	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, subsequent encounter
T58.03XS	Toxic effect of carbon monoxide from motor vehicle exhaust, assault, sequela
T58.04XA	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, initial encounter
T58.04XD	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, subsequent encounter
T58.04XS	Toxic effect of carbon monoxide from motor vehicle exhaust, undetermined, sequela
T58.11XA	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), initial encounter
T58.11XD	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), subsequent encounter
T58.11XS	Toxic effect of carbon monoxide from utility gas, accidental (unintentional), sequela
T58.12XA	Toxic effect of carbon monoxide from utility gas, intentional self-harm, initial encounter
T58.12XD	Toxic effect of carbon monoxide from utility gas, intentional self-harm, subsequent encounter
T58.12XS	Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela
T58.13XA	Toxic effect of carbon monoxide from utility gas, assault, initial encounter
T58.13XD	Toxic effect of carbon monoxide from utility gas, assault, subsequent encounter
T58.13XS	Toxic effect of carbon monoxide from utility gas, assault, sequela
T58.14XA	Toxic effect of carbon monoxide from utility gas, undetermined, initial encounter
T58.14XD	Toxic effect of carbon monoxide from utility gas, undetermined, subsequent encounter
T58.14XS	Toxic effect of carbon monoxide from utility gas, undetermined, sequela
T58.2X1A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), initial encounter
T58.2X1D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), subsequent encounter
T58.2X1S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, accidental (unintentional), sequela
T58.2X2A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, initial encounter
T58.2X2D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, subsequent encounter
T58.2X2S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela
T58.2X3A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, initial encounter
T58.2X3D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, subsequent encounter
T58.2X3S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, assault, sequela
T58.2X4A	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, initial encounter
T58.2X4D	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, subsequent encounter
T58.2X4S	Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, undetermined, sequela
T58.8X1A	Toxic effect of carbon monoxide from other source, accidental (unintentional), initial encounter
T58.8X1D	Toxic effect of carbon monoxide from other source, accidental (unintentional), subsequent encounter
T58.8X1S	Toxic effect of carbon monoxide from other source, accidental (unintentional), sequela
T58.8X2A	Toxic effect of carbon monoxide from other source, intentional self-harm, initial encounter
T58.8X2D	Toxic effect of carbon monoxide from other source, intentional self-harm, subsequent encounter
T58.8X2S	Toxic effect of carbon monoxide from other source, intentional self-harm, sequela

ICD-10 Codes	Description
T58.8X3A	Toxic effect of carbon monoxide from other source, assault, initial encounter
T58.8X3D	Toxic effect of carbon monoxide from other source, assault, subsequent encounter
T58.8X3S	Toxic effect of carbon monoxide from other source, assault, sequela
T58.8X4A	Toxic effect of carbon monoxide from other source, undetermined, initial encounter
T58.8X4D	Toxic effect of carbon monoxide from other source, undetermined, subsequent encounter
T58.8X4S	Toxic effect of carbon monoxide from other source, undetermined, sequela
T60.0X1A	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), initial encounter
T60.0X1D	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), subsequent encounter
T60.0X1S	Toxic effect of organophosphate and carbamate insecticides, accidental (unintentional), sequela
T60.0X2A	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, initial encounter
T60.0X2D	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, subsequent encounter
T60.0X2S	Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela
T60.0X3A	Toxic effect of organophosphate and carbamate insecticides, assault, initial encounter
T60.0X3D	Toxic effect of organophosphate and carbamate insecticides, assault, subsequent encounter
T60.0X3S	Toxic effect of organophosphate and carbamate insecticides, assault, sequela
T60.0X4A	Toxic effect of organophosphate and carbamate insecticides, undetermined, initial encounter
T60.0X4D	Toxic effect of organophosphate and carbamate insecticides, undetermined, subsequent encounter
T60.0X4S	Toxic effect of organophosphate and carbamate insecticides, undetermined, sequela
T60.1X1A	Toxic effect of halogenated insecticides, accidental (unintentional), initial encounter
T60.1X1D	Toxic effect of halogenated insecticides, accidental (unintentional), subsequent encounter
T60.1X1S	Toxic effect of halogenated insecticides, accidental (unintentional), sequela
T60.1X2A	Toxic effect of halogenated insecticides, intentional self-harm, initial encounter
T60.1X2D	Toxic effect of halogenated insecticides, intentional self-harm, subsequent encounter
T60.1X2S	Toxic effect of halogenated insecticides, intentional self-harm, sequela
T60.1X3A	Toxic effect of halogenated insecticides, assault, initial encounter
T60.1X3D	Toxic effect of halogenated insecticides, assault, subsequent encounter
T60.1X3S	Toxic effect of halogenated insecticides, assault, sequela
T60.1X4A	Toxic effect of halogenated insecticides, undetermined, initial encounter
T60.1X4D	Toxic effect of halogenated insecticides, undetermined, subsequent encounter
T60.1X4S	Toxic effect of halogenated insecticides, undetermined, sequela
T60.2X1A	Toxic effect of other insecticides, accidental (unintentional), initial encounter
T60.2X1D	Toxic effect of other insecticides, accidental (unintentional), subsequent encounter
T60.2X1S	Toxic effect of other insecticides, accidental (unintentional), sequela
T60.2X2A	Toxic effect of other insecticides, intentional self-harm, initial encounter
T60.2X2D	Toxic effect of other insecticides, intentional self-harm, subsequent encounter
T60.2X2S	Toxic effect of other insecticides, intentional self-harm, sequela
T60.2X3A	Toxic effect of other insecticides, assault, initial encounter
T60.2X3D	Toxic effect of other insecticides, assault, subsequent encounter
T60.2X3S	Toxic effect of other insecticides, assault, sequela
T60.2X4A	Toxic effect of other insecticides, undetermined, initial encounter
T60.2X4D	Toxic effect of other insecticides, undetermined, subsequent encounter
T60.2X4S	Toxic effect of other insecticides, undetermined, sequela
T60.4X1A	Toxic effect of rodenticides, accidental (unintentional), initial encounter
T60.4X1D	Toxic effect of rodenticides, accidental (unintentional), subsequent encounter
T60.4X1S	Toxic effect of rodenticides, accidental (unintentional), sequela
T60.4X2A	Toxic effect of rodenticides, intentional self-harm, initial encounter
T60.4X2D	Toxic effect of rodenticides, intentional self-harm, subsequent encounter
T60.4X2S	Toxic effect of rodenticides, intentional self-harm, sequela
T60.4X3A	Toxic effect of rodenticides, assault, initial encounter
T60.4X3D	Toxic effect of rodenticides, assault, subsequent encounter
T60.4X3S	Toxic effect of rodenticides, assault, sequela
T60.4X4A	Toxic effect of rodenticides, undetermined, initial encounter
T60.4X4D	Toxic effect of rodenticides, undetermined, subsequent encounter
T60.4X4S	Toxic effect of rodenticides, undetermined, sequela
T60.8X1A	Toxic effect of other pesticides, accidental (unintentional), initial encounter

ICD-10 Codes	Description
T60.8X1D	Toxic effect of other pesticides, accidental (unintentional), subsequent encounter
T60.8X1S	Toxic effect of other pesticides, accidental (unintentional), sequela
T60.8X2A	Toxic effect of other pesticides, intentional self-harm, initial encounter
T60.8X2D	Toxic effect of other pesticides, intentional self-harm, subsequent encounter
T60.8X2S	Toxic effect of other pesticides, intentional self-harm, sequela
T60.8X3A	Toxic effect of other pesticides, assault, initial encounter
T60.8X3D	Toxic effect of other pesticides, assault, subsequent encounter
T60.8X3S	Toxic effect of other pesticides, assault, sequela
T60.8X4A	Toxic effect of other pesticides, undetermined, initial encounter
T60.8X4D	Toxic effect of other pesticides, undetermined, subsequent encounter
T60.8X4S	Toxic effect of other pesticides, undetermined, sequela
T63.011A	Toxic effect of rattlesnake venom, accidental (unintentional), initial encounter
T63.011D	Toxic effect of rattlesnake venom, accidental (unintentional), subsequent encounter
T63.011S	Toxic effect of rattlesnake venom, accidental (unintentional), sequela
T63.012A	Toxic effect of rattlesnake venom, intentional self-harm, initial encounter
T63.012D	Toxic effect of rattlesnake venom, intentional self-harm, subsequent encounter
T63.012S	Toxic effect of rattlesnake venom, intentional self-harm, sequela
T63.013A	Toxic effect of rattlesnake venom, assault, initial encounter
T63.013D	Toxic effect of rattlesnake venom, assault, subsequent encounter
T63.013S	Toxic effect of rattlesnake venom, assault, sequela
T63.014A	Toxic effect of rattlesnake venom, undetermined, initial encounter
T63.014D	Toxic effect of rattlesnake venom, undetermined, subsequent encounter
T63.014S	Toxic effect of rattlesnake venom, undetermined, sequela
T63.021A	Toxic effect of coral snake venom, accidental (unintentional), initial encounter
T63.021D	Toxic effect of coral snake venom, accidental (unintentional), subsequent encounter
T63.021S	Toxic effect of coral snake venom, accidental (unintentional), sequela
T63.022A	Toxic effect of coral snake venom, intentional self-harm, initial encounter
T63.022D	Toxic effect of coral snake venom, intentional self-harm, subsequent encounter
T63.022S	Toxic effect of coral snake venom, intentional self-harm, sequela
T63.023A	Toxic effect of coral snake venom, assault, initial encounter
T63.023D	Toxic effect of coral snake venom, assault, subsequent encounter
T63.023S	Toxic effect of coral snake venom, assault, sequela
T63.024A	Toxic effect of coral snake venom, undetermined, initial encounter
T63.024D	Toxic effect of coral snake venom, undetermined, subsequent encounter
T63.024S	Toxic effect of coral snake venom, undetermined, sequela
T63.031A	Toxic effect of taipan venom, accidental (unintentional), initial encounter
T63.031D	Toxic effect of taipan venom, accidental (unintentional), subsequent encounter
T63.031S	Toxic effect of taipan venom, accidental (unintentional), sequela
T63.032A	Toxic effect of taipan venom, intentional self-harm, initial encounter
T63.032D	Toxic effect of taipan venom, intentional self-harm, subsequent encounter
T63.032S	Toxic effect of taipan venom, intentional self-harm, sequela
T63.033A	Toxic effect of taipan venom, assault, initial encounter
T63.033D	Toxic effect of taipan venom, assault, subsequent encounter
T63.033S	Toxic effect of taipan venom, assault, sequela
T63.034A	Toxic effect of taipan venom, undetermined, initial encounter
T63.034D	Toxic effect of taipan venom, undetermined, subsequent encounter
T63.034S	Toxic effect of taipan venom, undetermined, sequela
T63.041A	Toxic effect of cobra venom, accidental (unintentional), initial encounter
T63.041D	Toxic effect of cobra venom, accidental (unintentional), subsequent encounter
T63.041S	Toxic effect of cobra venom, accidental (unintentional), sequela
T63.042A	Toxic effect of cobra venom, intentional self-harm, initial encounter
T63.042D	Toxic effect of cobra venom, intentional self-harm, subsequent encounter
T63.042S	Toxic effect of cobra venom, intentional self-harm, sequela
T63.043A	Toxic effect of cobra venom, assault, initial encounter
T63.043D	Toxic effect of cobra venom, assault, subsequent encounter
T63.043S	Toxic effect of cobra venom, assault, sequela
T63.044A	Toxic effect of cobra venom, undetermined, initial encounter
T63.044D	Toxic effect of cobra venom, undetermined, subsequent encounter

ICD-10 Codes	Description
T63.044S	Toxic effect of cobra venom, undetermined, sequela
T63.061A	Toxic effect of venom of other North and South American snake, accidental (unintentional), initial encounter
T63.061D	Toxic effect of venom of other North and South American snake, accidental (unintentional), subsequent encounter
T63.061S	Toxic effect of venom of other North and South American snake, accidental (unintentional), sequela
T63.062A	Toxic effect of venom of other North and South American snake, intentional self-harm, initial encounter
T63.062D	Toxic effect of venom of other North and South American snake, intentional self-harm, subsequent encounter
T63.062S	Toxic effect of venom of other North and South American snake, intentional self-harm, sequela
T63.063A	Toxic effect of venom of other North and South American snake, assault, initial encounter
T63.063D	Toxic effect of venom of other North and South American snake, assault, subsequent encounter
T63.063S	Toxic effect of venom of other North and South American snake, assault, sequela
T63.064A	Toxic effect of venom of other North and South American snake, undetermined, initial encounter
T63.064D	Toxic effect of venom of other North and South American snake, undetermined, subsequent encounter
T63.064S	Toxic effect of venom of other North and South American snake, undetermined, sequela
T63.071A	Toxic effect of venom of other Australian snake, accidental (unintentional), initial encounter
T63.071D	Toxic effect of venom of other Australian snake, accidental (unintentional), subsequent encounter
T63.071S	Toxic effect of venom of other Australian snake, accidental (unintentional), sequela
T63.072A	Toxic effect of venom of other Australian snake, intentional self-harm, initial encounter
T63.072D	Toxic effect of venom of other Australian snake, intentional self-harm, subsequent encounter
T63.072S	Toxic effect of venom of other Australian snake, intentional self-harm, sequela
T63.073A	Toxic effect of venom of other Australian snake, assault, initial encounter
T63.073D	Toxic effect of venom of other Australian snake, assault, subsequent encounter
T63.073S	Toxic effect of venom of other Australian snake, assault, sequela
T63.074A	Toxic effect of venom of other Australian snake, undetermined, initial encounter
T63.074D	Toxic effect of venom of other Australian snake, undetermined, subsequent encounter
T63.074S	Toxic effect of venom of other Australian snake, undetermined, sequela
T63.081A	Toxic effect of venom of other African and Asian snake, accidental (unintentional), initial encounter
T63.081D	Toxic effect of venom of other African and Asian snake, accidental (unintentional), subsequent encounter
T63.081S	Toxic effect of venom of other African and Asian snake, accidental (unintentional), sequela
T63.082A	Toxic effect of venom of other African and Asian snake, intentional self-harm, initial encounter
T63.082D	Toxic effect of venom of other African and Asian snake, intentional self-harm, subsequent encounter
T63.082S	Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela
T63.083A	Toxic effect of venom of other African and Asian snake, assault, initial encounter
T63.083D	Toxic effect of venom of other African and Asian snake, assault, subsequent encounter
T63.083S	Toxic effect of venom of other African and Asian snake, assault, sequela
T63.084A	Toxic effect of venom of other African and Asian snake, undetermined, initial encounter
T63.084D	Toxic effect of venom of other African and Asian snake, undetermined, subsequent encounter
T63.084S	Toxic effect of venom of other African and Asian snake, undetermined, sequela
T63.091A	Toxic effect of venom of other snake, accidental (unintentional), initial encounter
T63.091D	Toxic effect of venom of other snake, accidental (unintentional), subsequent encounter
T63.091S	Toxic effect of venom of other snake, accidental (unintentional), sequela
T63.092A	Toxic effect of venom of other snake, intentional self-harm, initial encounter
T63.092D	Toxic effect of venom of other snake, intentional self-harm, subsequent encounter
T63.092S	Toxic effect of venom of other snake, intentional self-harm, sequela
T63.093A	Toxic effect of venom of other snake, assault, initial encounter
T63.093D	Toxic effect of venom of other snake, assault, subsequent encounter
T63.093S	Toxic effect of venom of other snake, assault, sequela
T63.094A	Toxic effect of venom of other snake, undetermined, initial encounter
T63.094D	Toxic effect of venom of other snake, undetermined, subsequent encounter
T63.094S	Toxic effect of venom of other snake, undetermined, sequela
T63.111A	Toxic effect of venom of gila monster, accidental (unintentional), initial encounter
T63.111D	Toxic effect of venom of gila monster, accidental (unintentional), subsequent encounter
T63.111S	Toxic effect of venom of gila monster, accidental (unintentional), sequela

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T63.112A	Toxic effect of venom of gila monster, intentional self-harm, initial encounter
T63.112D	Toxic effect of venom of gila monster, intentional self-harm, subsequent encounter
T63.112S	Toxic effect of venom of gila monster, intentional self-harm, sequela
T63.113A	Toxic effect of venom of gila monster, assault, initial encounter
T63.113D	Toxic effect of venom of gila monster, assault, subsequent encounter
T63.113S	Toxic effect of venom of gila monster, assault, sequela
T63.114A	Toxic effect of venom of gila monster, undetermined, initial encounter
T63.114D	Toxic effect of venom of gila monster, undetermined, subsequent encounter
T63.114S	Toxic effect of venom of gila monster, undetermined, sequela
T63.121A	Toxic effect of venom of other venomous lizard, accidental (unintentional), initial encounter
T63.121D	Toxic effect of venom of other venomous lizard, accidental (unintentional), subsequent encounter
T63.121S	Toxic effect of venom of other venomous lizard, accidental (unintentional), sequela
T63.122A	Toxic effect of venom of other venomous lizard, intentional self-harm, initial encounter
T63.122D	Toxic effect of venom of other venomous lizard, intentional self-harm, subsequent encounter
T63.122S	Toxic effect of venom of other venomous lizard, intentional self-harm, sequela
T63.123A	Toxic effect of venom of other venomous lizard, assault, initial encounter
T63.123D	Toxic effect of venom of other venomous lizard, assault, subsequent encounter
T63.123S	Toxic effect of venom of other venomous lizard, assault, sequela
T63.124A	Toxic effect of venom of other venomous lizard, undetermined, initial encounter
T63.124D	Toxic effect of venom of other venomous lizard, undetermined, subsequent encounter
T63.124S	Toxic effect of venom of other venomous lizard, undetermined, sequela
T63.191A	Toxic effect of venom of other reptiles, accidental (unintentional), initial encounter
T63.191D	Toxic effect of venom of other reptiles, accidental (unintentional), subsequent encounter
T63.191S	Toxic effect of venom of other reptiles, accidental (unintentional), sequela
T63.192A	Toxic effect of venom of other reptiles, intentional self-harm, initial encounter
T63.192D	Toxic effect of venom of other reptiles, intentional self-harm, subsequent encounter
T63.192S	Toxic effect of venom of other reptiles, intentional self-harm, sequela
T63.193A	Toxic effect of venom of other reptiles, assault, initial encounter
T63.193D	Toxic effect of venom of other reptiles, assault, subsequent encounter
T63.193S	Toxic effect of venom of other reptiles, assault, sequela
T63.194A	Toxic effect of venom of other reptiles, undetermined, initial encounter
T63.194D	Toxic effect of venom of other reptiles, undetermined, subsequent encounter
T63.194S	Toxic effect of venom of other reptiles, undetermined, sequela
T63.2X1A	Toxic effect of venom of scorpion, accidental (unintentional), initial encounter
T63.2X1D	Toxic effect of venom of scorpion, accidental (unintentional), subsequent encounter
T63.2X1S	Toxic effect of venom of scorpion, accidental (unintentional), sequela
T63.2X2A	Toxic effect of venom of scorpion, intentional self-harm, initial encounter
T63.2X2D	Toxic effect of venom of scorpion, intentional self-harm, subsequent encounter
T63.2X2S	Toxic effect of venom of scorpion, intentional self-harm, sequela
T63.2X3A	Toxic effect of venom of scorpion, assault, initial encounter
T63.2X3D	Toxic effect of venom of scorpion, assault, subsequent encounter
T63.2X3S	Toxic effect of venom of scorpion, assault, sequela
T63.2X4A	Toxic effect of venom of scorpion, undetermined, initial encounter
T63.2X4D	Toxic effect of venom of scorpion, undetermined, subsequent encounter
T63.2X4S	Toxic effect of venom of scorpion, undetermined, sequela
T63.311A	Toxic effect of venom of black widow spider, accidental (unintentional), initial encounter
T63.311D	Toxic effect of venom of black widow spider, accidental (unintentional), subsequent encounter
T63.311S	Toxic effect of venom of black widow spider, accidental (unintentional), sequela
T63.312A	Toxic effect of venom of black widow spider, intentional self-harm, initial encounter
T63.312D	Toxic effect of venom of black widow spider, intentional self-harm, subsequent encounter
T63.312S	Toxic effect of venom of black widow spider, intentional self-harm, sequela
T63.313A	Toxic effect of venom of black widow spider, assault, initial encounter
T63.313D	Toxic effect of venom of black widow spider, assault, subsequent encounter
T63.313S	Toxic effect of venom of black widow spider, assault, sequela
T63.314A	Toxic effect of venom of black widow spider, undetermined, initial encounter
T63.314D	Toxic effect of venom of black widow spider, undetermined, subsequent encounter
T63.314S	Toxic effect of venom of black widow spider, undetermined, sequela
T63.321A	Toxic effect of venom of tarantula, accidental (unintentional), initial encounter

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T63.321D	Toxic effect of venom of tarantula, accidental (unintentional), subsequent encounter
T63.321S	Toxic effect of venom of tarantula, accidental (unintentional), sequela
T63.322A	Toxic effect of venom of tarantula, intentional self-harm, initial encounter
T63.322D	Toxic effect of venom of tarantula, intentional self-harm, subsequent encounter
T63.322S	Toxic effect of venom of tarantula, intentional self-harm, sequela
T63.323A	Toxic effect of venom of tarantula, assault, initial encounter
T63.323D	Toxic effect of venom of tarantula, assault, subsequent encounter
T63.323S	Toxic effect of venom of tarantula, assault, sequela
T63.324A	Toxic effect of venom of tarantula, undetermined, initial encounter
T63.324D	Toxic effect of venom of tarantula, undetermined, subsequent encounter
T63.324S	Toxic effect of venom of tarantula, undetermined, sequela
T63.331A	Toxic effect of venom of brown recluse spider, accidental (unintentional), initial encounter
T63.331D	Toxic effect of venom of brown recluse spider, accidental (unintentional), subsequent encounter
T63.331S	Toxic effect of venom of brown recluse spider, accidental (unintentional), sequela
T63.332A	Toxic effect of venom of brown recluse spider, intentional self-harm, initial encounter
T63.332D	Toxic effect of venom of brown recluse spider, intentional self-harm, subsequent encounter
T63.332S	Toxic effect of venom of brown recluse spider, intentional self-harm, sequela
T63.333A	Toxic effect of venom of brown recluse spider, assault, initial encounter
T63.333D	Toxic effect of venom of brown recluse spider, assault, subsequent encounter
T63.333S	Toxic effect of venom of brown recluse spider, assault, sequela
T63.334A	Toxic effect of venom of brown recluse spider, undetermined, initial encounter
T63.334D	Toxic effect of venom of brown recluse spider, undetermined, subsequent encounter
T63.334S	Toxic effect of venom of brown recluse spider, undetermined, sequela
T63.391A	Toxic effect of venom of other spider, accidental (unintentional), initial encounter
T63.391D	Toxic effect of venom of other spider, accidental (unintentional), subsequent encounter
T63.391S	Toxic effect of venom of other spider, accidental (unintentional), sequela
T63.392A	Toxic effect of venom of other spider, intentional self-harm, initial encounter
T63.392D	Toxic effect of venom of other spider, intentional self-harm, subsequent encounter
T63.392S	Toxic effect of venom of other spider, intentional self-harm, sequela
T63.393A	Toxic effect of venom of other spider, assault, initial encounter
T63.393D	Toxic effect of venom of other spider, assault, subsequent encounter
T63.393S	Toxic effect of venom of other spider, assault, sequela
T63.394A	Toxic effect of venom of other spider, undetermined, initial encounter
T63.394D	Toxic effect of venom of other spider, undetermined, subsequent encounter
T63.394S	Toxic effect of venom of other spider, undetermined, sequela
T63.411A	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), initial encounter
T63.411D	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), subsequent encounter
T63.411S	Toxic effect of venom of centipedes and venomous millipedes, accidental (unintentional), sequela
T63.412A	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, initial encounter
T63.412D	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, subsequent encounter
T63.412S	Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela
T63.413A	Toxic effect of venom of centipedes and venomous millipedes, assault, initial encounter
T63.413D	Toxic effect of venom of centipedes and venomous millipedes, assault, subsequent encounter
T63.413S	Toxic effect of venom of centipedes and venomous millipedes, assault, sequela
T63.414A	Toxic effect of venom of centipedes and venomous millipedes, undetermined, initial encounter
T63.414D	Toxic effect of venom of centipedes and venomous millipedes, undetermined, subsequent encounter
T63.414S	Toxic effect of venom of centipedes and venomous millipedes, undetermined, sequela
T63.421A	Toxic effect of venom of ants, accidental (unintentional), initial encounter
T63.421D	Toxic effect of venom of ants, accidental (unintentional), subsequent encounter
T63.421S	Toxic effect of venom of ants, accidental (unintentional), sequela
T63.422A	Toxic effect of venom of ants, intentional self-harm, initial encounter
T63.422D	Toxic effect of venom of ants, intentional self-harm, subsequent encounter
T63.422S	Toxic effect of venom of ants, intentional self-harm, sequela
T63.423A	Toxic effect of venom of ants, assault, initial encounter

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T63.423D	Toxic effect of venom of ants, assault, subsequent encounter
T63.423S	Toxic effect of venom of ants, assault, sequela
T63.424A	Toxic effect of venom of ants, undetermined, initial encounter
T63.424D	Toxic effect of venom of ants, undetermined, subsequent encounter
T63.424S	Toxic effect of venom of ants, undetermined, sequela
T63.431A	Toxic effect of venom of caterpillars, accidental (unintentional), initial encounter
T63.431D	Toxic effect of venom of caterpillars, accidental (unintentional), subsequent encounter
T63.431S	Toxic effect of venom of caterpillars, accidental (unintentional), sequela
T63.432A	Toxic effect of venom of caterpillars, intentional self-harm, initial encounter
T63.432D	Toxic effect of venom of caterpillars, intentional self-harm, subsequent encounter
T63.432S	Toxic effect of venom of caterpillars, intentional self-harm, sequela
T63.433A	Toxic effect of venom of caterpillars, assault, initial encounter
T63.433D	Toxic effect of venom of caterpillars, assault, subsequent encounter
T63.433S	Toxic effect of venom of caterpillars, assault, sequela
T63.434A	Toxic effect of venom of caterpillars, undetermined, initial encounter
T63.434D	Toxic effect of venom of caterpillars, undetermined, subsequent encounter
T63.434S	Toxic effect of venom of caterpillars, undetermined, sequela
T63.441A	Toxic effect of venom of bees, accidental (unintentional), initial encounter
T63.441D	Toxic effect of venom of bees, accidental (unintentional), subsequent encounter
T63.441S	Toxic effect of venom of bees, accidental (unintentional), sequela
T63.442A	Toxic effect of venom of bees, intentional self-harm, initial encounter
T63.442D	Toxic effect of venom of bees, intentional self-harm, subsequent encounter
T63.442S	Toxic effect of venom of bees, intentional self-harm, sequela
T63.443A	Toxic effect of venom of bees, assault, initial encounter
T63.443D	Toxic effect of venom of bees, assault, subsequent encounter
T63.443S	Toxic effect of venom of bees, assault, sequela
T63.444A	Toxic effect of venom of bees, undetermined, initial encounter
T63.444D	Toxic effect of venom of bees, undetermined, subsequent encounter
T63.444S	Toxic effect of venom of bees, undetermined, sequela
T63.451A	Toxic effect of venom of hornets, accidental (unintentional), initial encounter
T63.451D	Toxic effect of venom of hornets, accidental (unintentional), subsequent encounter
T63.451S	Toxic effect of venom of hornets, accidental (unintentional), sequela
T63.452A	Toxic effect of venom of hornets, intentional self-harm, initial encounter
T63.452D	Toxic effect of venom of hornets, intentional self-harm, subsequent encounter
T63.452S	Toxic effect of venom of hornets, intentional self-harm, sequela
T63.453A	Toxic effect of venom of hornets, assault, initial encounter
T63.453D	Toxic effect of venom of hornets, assault, subsequent encounter
T63.453S	Toxic effect of venom of hornets, assault, sequela
T63.454A	Toxic effect of venom of hornets, undetermined, initial encounter
T63.454D	Toxic effect of venom of hornets, undetermined, subsequent encounter
T63.454S	Toxic effect of venom of hornets, undetermined, sequela
T63.461A	Toxic effect of venom of wasps, accidental (unintentional), initial encounter
T63.461D	Toxic effect of venom of wasps, accidental (unintentional), subsequent encounter
T63.461S	Toxic effect of venom of wasps, accidental (unintentional), sequela
T63.462A	Toxic effect of venom of wasps, intentional self-harm, initial encounter
T63.462D	Toxic effect of venom of wasps, intentional self-harm, subsequent encounter
T63.462S	Toxic effect of venom of wasps, intentional self-harm, sequela
T63.463A	Toxic effect of venom of wasps, assault, initial encounter
T63.463D	Toxic effect of venom of wasps, assault, subsequent encounter
T63.463S	Toxic effect of venom of wasps, assault, sequela
T63.464A	Toxic effect of venom of wasps, undetermined, initial encounter
T63.464D	Toxic effect of venom of wasps, undetermined, subsequent encounter
T63.464S	Toxic effect of venom of wasps, undetermined, sequela
T63.481A	Toxic effect of venom of other arthropod, accidental (unintentional), initial encounter
T63.481D	Toxic effect of venom of other arthropod, accidental (unintentional), subsequent encounter
T63.481S	Toxic effect of venom of other arthropod, accidental (unintentional), sequela
T63.482A	Toxic effect of venom of other arthropod, intentional self-harm, initial encounter
T63.482D	Toxic effect of venom of other arthropod, intentional self-harm, subsequent encounter

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T63.482S	Toxic effect of venom of other arthropod, intentional self-harm, sequela
T63.483A	Toxic effect of venom of other arthropod, assault, initial encounter
T63.483D	Toxic effect of venom of other arthropod, assault, subsequent encounter
T63.483S	Toxic effect of venom of other arthropod, assault, sequela
T63.484A	Toxic effect of venom of other arthropod, undetermined, initial encounter
T63.484D	Toxic effect of venom of other arthropod, undetermined, subsequent encounter
T63.484S	Toxic effect of venom of other arthropod, undetermined, sequela
T63.511A	Toxic effect of contact with stingray, accidental (unintentional), initial encounter
T63.511D	Toxic effect of contact with stingray, accidental (unintentional), subsequent encounter
T63.511S	Toxic effect of contact with stingray, accidental (unintentional), sequela
T63.512A	Toxic effect of contact with stingray, intentional self-harm, initial encounter
T63.512D	Toxic effect of contact with stingray, intentional self-harm, subsequent encounter
T63.512S	Toxic effect of contact with stingray, intentional self-harm, sequela
T63.513A	Toxic effect of contact with stingray, assault, initial encounter
T63.513D	Toxic effect of contact with stingray, assault, subsequent encounter
T63.513S	Toxic effect of contact with stingray, assault, sequela
T63.514A	Toxic effect of contact with stingray, undetermined, initial encounter
T63.514D	Toxic effect of contact with stingray, undetermined, subsequent encounter
T63.514S	Toxic effect of contact with stingray, undetermined, sequela
T63.591A	Toxic effect of contact with other venomous fish, accidental (unintentional), initial encounter
T63.591D	Toxic effect of contact with other venomous fish, accidental (unintentional), subsequent encounter
T63.591S	Toxic effect of contact with other venomous fish, accidental (unintentional), sequela
T63.592A	Toxic effect of contact with other venomous fish, intentional self-harm, initial encounter
T63.592D	Toxic effect of contact with other venomous fish, intentional self-harm, subsequent encounter
T63.592S	Toxic effect of contact with other venomous fish, intentional self-harm, sequela
T63.593A	Toxic effect of contact with other venomous fish, assault, initial encounter
T63.593D	Toxic effect of contact with other venomous fish, assault, subsequent encounter
T63.593S	Toxic effect of contact with other venomous fish, assault, sequela
T63.594A	Toxic effect of contact with other venomous fish, undetermined, initial encounter
T63.594D	Toxic effect of contact with other venomous fish, undetermined, subsequent encounter
T63.594S	Toxic effect of contact with other venomous fish, undetermined, sequela
T63.611A	Toxic effect of contact with Portugese Man-o-war, accidental (unintentional), initial encounter
T63.611D	Toxic effect of contact with Portugese Man-o-war, accidental (unintentional), subsequent encounter
T63.611S	Toxic effect of contact with Portugese Man-o-war, accidental (unintentional), sequela
T63.612A	Toxic effect of contact with Portugese Man-o-war, intentional self-harm, initial encounter
T63.612D	Toxic effect of contact with Portugese Man-o-war, intentional self-harm, subsequent encounter
T63.612S	Toxic effect of contact with Portugese Man-o-war, intentional self-harm, sequela
T63.613A	Toxic effect of contact with Portugese Man-o-war, assault, initial encounter
T63.613D	Toxic effect of contact with Portugese Man-o-war, assault, subsequent encounter
T63.613S	Toxic effect of contact with Portugese Man-o-war, assault, sequela
T63.614A	Toxic effect of contact with Portugese Man-o-war, undetermined, initial encounter
T63.614D	Toxic effect of contact with Portugese Man-o-war, undetermined, subsequent encounter
T63.614S	Toxic effect of contact with Portugese Man-o-war, undetermined, sequela
T63.621A	Toxic effect of contact with other jellyfish, accidental (unintentional), initial encounter
T63.621D	Toxic effect of contact with other jellyfish, accidental (unintentional), subsequent encounter
T63.621S	Toxic effect of contact with other jellyfish, accidental (unintentional), sequela
T63.622A	Toxic effect of contact with other jellyfish, intentional self-harm, initial encounter
T63.622D	Toxic effect of contact with other jellyfish, intentional self-harm, subsequent encounter
T63.622S	Toxic effect of contact with other jellyfish, intentional self-harm, sequela
T63.623A	Toxic effect of contact with other jellyfish, assault, initial encounter
T63.623D	Toxic effect of contact with other jellyfish, assault, subsequent encounter
T63.623S	Toxic effect of contact with other jellyfish, assault, sequela
T63.624A	Toxic effect of contact with other jellyfish, undetermined, initial encounter
T63.624D	Toxic effect of contact with other jellyfish, undetermined, subsequent encounter
T63.624S	Toxic effect of contact with other jellyfish, undetermined, sequela
T63.631A	Toxic effect of contact with sea anemone, accidental (unintentional), initial encounter
T63.631D	Toxic effect of contact with sea anemone, accidental (unintentional), subsequent encounter

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T63.631S	Toxic effect of contact with sea anemone, accidental (unintentional), sequela
T63.632A	Toxic effect of contact with sea anemone, intentional self-harm, initial encounter
T63.632D	Toxic effect of contact with sea anemone, intentional self-harm, subsequent encounter
T63.632S	Toxic effect of contact with sea anemone, intentional self-harm, sequela
T63.633A	Toxic effect of contact with sea anemone, assault, initial encounter
T63.633D	Toxic effect of contact with sea anemone, assault, subsequent encounter
T63.633S	Toxic effect of contact with sea anemone, assault, sequela
T63.634A	Toxic effect of contact with sea anemone, undetermined, initial encounter
T63.634D	Toxic effect of contact with sea anemone, undetermined, subsequent encounter
T63.634S	Toxic effect of contact with sea anemone, undetermined, sequela
T63.691A	Toxic effect of contact with other venomous marine animals, accidental (unintentional), initial encounter
T63.691D	Toxic effect of contact with other venomous marine animals, accidental (unintentional), subsequent encounter
T63.691S	Toxic effect of contact with other venomous marine animals, accidental (unintentional), sequela
T63.692A	Toxic effect of contact with other venomous marine animals, intentional self-harm, initial encounter
T63.692D	Toxic effect of contact with other venomous marine animals, intentional self-harm, subsequent encounter
T63.692S	Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela
T63.693A	Toxic effect of contact with other venomous marine animals, assault, initial encounter
T63.693D	Toxic effect of contact with other venomous marine animals, assault, subsequent encounter
T63.693S	Toxic effect of contact with other venomous marine animals, assault, sequela
T63.694A	Toxic effect of contact with other venomous marine animals, undetermined, initial encounter
T63.694D	Toxic effect of contact with other venomous marine animals, undetermined, subsequent encounter
T63.694S	Toxic effect of contact with other venomous marine animals, undetermined, sequela
T63.711A	Toxic effect of contact with venomous marine plant, accidental (unintentional), initial encounter
T63.711D	Toxic effect of contact with venomous marine plant, accidental (unintentional), subsequent encounter
T63.711S	Toxic effect of contact with venomous marine plant, accidental (unintentional), sequela
T63.712A	Toxic effect of contact with venomous marine plant, intentional self-harm, initial encounter
T63.712D	Toxic effect of contact with venomous marine plant, intentional self-harm, subsequent encounter
T63.712S	Toxic effect of contact with venomous marine plant, intentional self-harm, sequela
T63.713A	Toxic effect of contact with venomous marine plant, assault, initial encounter
T63.713D	Toxic effect of contact with venomous marine plant, assault, subsequent encounter
T63.713S	Toxic effect of contact with venomous marine plant, assault, sequela
T63.714A	Toxic effect of contact with venomous marine plant, undetermined, initial encounter
T63.714D	Toxic effect of contact with venomous marine plant, undetermined, subsequent encounter
T63.714S	Toxic effect of contact with venomous marine plant, undetermined, sequela
T63.791A	Toxic effect of contact with other venomous plant, accidental (unintentional), initial encounter
T63.791D	Toxic effect of contact with other venomous plant, accidental (unintentional), subsequent encounter
T63.791S	Toxic effect of contact with other venomous plant, accidental (unintentional), sequela
T63.792A	Toxic effect of contact with other venomous plant, intentional self-harm, initial encounter
T63.792D	Toxic effect of contact with other venomous plant, intentional self-harm, subsequent encounter
T63.792S	Toxic effect of contact with other venomous plant, intentional self-harm, sequela
T63.793A	Toxic effect of contact with other venomous plant, assault, initial encounter
T63.793D	Toxic effect of contact with other venomous plant, assault, subsequent encounter
T63.793S	Toxic effect of contact with other venomous plant, assault, sequela
T63.794A	Toxic effect of contact with other venomous plant, undetermined, initial encounter
T63.794D	Toxic effect of contact with other venomous plant, undetermined, subsequent encounter
T63.794S	Toxic effect of contact with other venomous plant, undetermined, sequela
T63.811A	Toxic effect of contact with venomous frog, accidental (unintentional), initial encounter
T63.811D	Toxic effect of contact with venomous frog, accidental (unintentional), subsequent encounter
T63.811S	Toxic effect of contact with venomous frog, accidental (unintentional), sequela
T63.812A	Toxic effect of contact with venomous frog, intentional self-harm, initial encounter
T63.812D	Toxic effect of contact with venomous frog, intentional self-harm, subsequent encounter
T63.812S	Toxic effect of contact with venomous frog, intentional self-harm, sequela
T63.813A	Toxic effect of contact with venomous frog, assault, initial encounter
T63.813D	Toxic effect of contact with venomous frog, assault, subsequent encounter

ICD-10 Codes	Description
T63.813S	Toxic effect of contact with venomous frog, assault, sequela
T63.814A	Toxic effect of contact with venomous frog, undetermined, initial encounter
T63.814D	Toxic effect of contact with venomous frog, undetermined, subsequent encounter
T63.814S	Toxic effect of contact with venomous frog, undetermined, sequela
T63.821A	Toxic effect of contact with venomous toad, accidental (unintentional), initial encounter
T63.821D	Toxic effect of contact with venomous toad, accidental (unintentional), subsequent encounter
T63.821S	Toxic effect of contact with venomous toad, accidental (unintentional), sequela
T63.822A	Toxic effect of contact with venomous toad, intentional self-harm, initial encounter
T63.822D	Toxic effect of contact with venomous toad, intentional self-harm, subsequent encounter
T63.822S	Toxic effect of contact with venomous toad, intentional self-harm, sequela
T63.823A	Toxic effect of contact with venomous toad, assault, initial encounter
T63.823D	Toxic effect of contact with venomous toad, assault, subsequent encounter
T63.823S	Toxic effect of contact with venomous toad, assault, sequela
T63.824A	Toxic effect of contact with venomous toad, undetermined, initial encounter
T63.824D	Toxic effect of contact with venomous toad, undetermined, subsequent encounter
T63.824S	Toxic effect of contact with venomous toad, undetermined, sequela
T63.831A	Toxic effect of contact with other venomous amphibian, accidental (unintentional), initial encounter
T63.831D	Toxic effect of contact with other venomous amphibian, accidental (unintentional), subsequent encounter
T63.831S	Toxic effect of contact with other venomous amphibian, accidental (unintentional), sequela
T63.832A	Toxic effect of contact with other venomous amphibian, intentional self-harm, initial encounter
T63.832D	Toxic effect of contact with other venomous amphibian, intentional self-harm, subsequent encounter
T63.832S	Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela
T63.833A	Toxic effect of contact with other venomous amphibian, assault, initial encounter
T63.833D	Toxic effect of contact with other venomous amphibian, assault, subsequent encounter
T63.833S	Toxic effect of contact with other venomous amphibian, assault, sequela
T63.834A	Toxic effect of contact with other venomous amphibian, undetermined, initial encounter
T63.834D	Toxic effect of contact with other venomous amphibian, undetermined, subsequent encounter
T63.834S	Toxic effect of contact with other venomous amphibian, undetermined, sequela
T63.891A	Toxic effect of contact with other venomous animals, accidental (unintentional), initial encounter
T63.891D	Toxic effect of contact with other venomous animals, accidental (unintentional), subsequent encounter
T63.891S	Toxic effect of contact with other venomous animals, accidental (unintentional), sequela
T63.892A	Toxic effect of contact with other venomous animals, intentional self-harm, initial encounter
T63.892D	Toxic effect of contact with other venomous animals, intentional self-harm, subsequent encounter
T63.892S	Toxic effect of contact with other venomous animals, intentional self-harm, sequela
T63.893A	Toxic effect of contact with other venomous animals, assault, initial encounter
T63.893D	Toxic effect of contact with other venomous animals, assault, subsequent encounter
T63.893S	Toxic effect of contact with other venomous animals, assault, sequela
T63.894A	Toxic effect of contact with other venomous animals, undetermined, initial encounter
T63.894D	Toxic effect of contact with other venomous animals, undetermined, subsequent encounter
T63.894S	Toxic effect of contact with other venomous animals, undetermined, sequela
T67.0XXA	Heatstroke and sunstroke, initial encounter
T67.0XXD	Heatstroke and sunstroke, subsequent encounter
T67.0XXS	Heatstroke and sunstroke, sequela
T67.1XXA	Heat syncope, initial encounter
T67.1XXD	Heat syncope, subsequent encounter
T67.1XXS	Heat syncope, sequela
T67.3XXA	Heat exhaustion, anhydrotic, initial encounter
T67.3XXD	Heat exhaustion, anhydrotic, subsequent encounter
T67.3XXS	Heat exhaustion, anhydrotic, sequela
T70.29XA	Other effects of high altitude, initial encounter
T70.29XD	Other effects of high altitude, subsequent encounter
T70.29XS	Other effects of high altitude, sequela
T70.3XXA	Caisson disease [decompression sickness], initial encounter
T70.3XXD	Caisson disease [decompression sickness], subsequent encounter
T70.3XXS	Caisson disease [decompression sickness], sequela
T70.4XXA	Effects of high-pressure fluids, initial encounter

ICD-10 Codes	Description
T70.4XXD	Effects of high-pressure fluids, subsequent encounter
T70.4XXS	Effects of high-pressure fluids, sequela
T71.111A	Asphyxiation due to smothering under pillow, accidental, initial encounter
T71.111D	Asphyxiation due to smothering under pillow, accidental, subsequent encounter
T71.111S	Asphyxiation due to smothering under pillow, accidental, sequela
T71.112A	Asphyxiation due to smothering under pillow, intentional self-harm, initial encounter
T71.112D	Asphyxiation due to smothering under pillow, intentional self-harm, subsequent encounter
T71.112S	Asphyxiation due to smothering under pillow, intentional self-harm, sequela
T71.113A	Asphyxiation due to smothering under pillow, assault, initial encounter
T71.113D	Asphyxiation due to smothering under pillow, assault, subsequent encounter
T71.113S	Asphyxiation due to smothering under pillow, assault, sequela
T71.114A	Asphyxiation due to smothering under pillow, undetermined, initial encounter
T71.114D	Asphyxiation due to smothering under pillow, undetermined, subsequent encounter
T71.114S	Asphyxiation due to smothering under pillow, undetermined, sequela
T71.121A	Asphyxiation due to plastic bag, accidental, initial encounter
T71.121D	Asphyxiation due to plastic bag, accidental, subsequent encounter
T71.121S	Asphyxiation due to plastic bag, accidental, sequela
T71.122A	Asphyxiation due to plastic bag, intentional self-harm, initial encounter
T71.122D	Asphyxiation due to plastic bag, intentional self-harm, subsequent encounter
T71.122S	Asphyxiation due to plastic bag, intentional self-harm, sequela
T71.123A	Asphyxiation due to plastic bag, assault, initial encounter
T71.123D	Asphyxiation due to plastic bag, assault, subsequent encounter
T71.123S	Asphyxiation due to plastic bag, assault, sequela
T71.124A	Asphyxiation due to plastic bag, undetermined, initial encounter
T71.124D	Asphyxiation due to plastic bag, undetermined, subsequent encounter
T71.124S	Asphyxiation due to plastic bag, undetermined, sequela
T71.131A	Asphyxiation due to being trapped in bed linens, accidental, initial encounter
T71.131D	Asphyxiation due to being trapped in bed linens, accidental, subsequent encounter
T71.131S	Asphyxiation due to being trapped in bed linens, accidental, sequela
T71.132A	Asphyxiation due to being trapped in bed linens, intentional self-harm, initial encounter
T71.132D	Asphyxiation due to being trapped in bed linens, intentional self-harm, subsequent encounter
T71.132S	Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela
T71.133A	Asphyxiation due to being trapped in bed linens, assault, initial encounter
T71.133D	Asphyxiation due to being trapped in bed linens, assault, subsequent encounter
T71.133S	Asphyxiation due to being trapped in bed linens, assault, sequela
T71.134A	Asphyxiation due to being trapped in bed linens, undetermined, initial encounter
T71.134D	Asphyxiation due to being trapped in bed linens, undetermined, subsequent encounter
T71.134S	Asphyxiation due to being trapped in bed linens, undetermined, sequela
T71.141A	Asphyxiation due to smothering under another person's body (in bed), accidental, initial encounter
T71.141D	Asphyxiation due to smothering under another person's body (in bed), accidental, subsequent encounter
T71.141S	Asphyxiation due to smothering under another person's body (in bed), accidental, sequela
T71.143A	Asphyxiation due to smothering under another person's body (in bed), assault, initial encounter
T71.143D	Asphyxiation due to smothering under another person's body (in bed), assault, subsequent encounter
T71.143S	Asphyxiation due to smothering under another person's body (in bed), assault, sequela
T71.144A	Asphyxiation due to smothering under another person's body (in bed), undetermined, initial encounter
T71.144D	Asphyxiation due to smothering under another person's body (in bed), undetermined, subsequent encounter
T71.144S	Asphyxiation due to smothering under another person's body (in bed), undetermined, sequela
T71.151A	Asphyxiation due to smothering in furniture, accidental, initial encounter
T71.151D	Asphyxiation due to smothering in furniture, accidental, subsequent encounter
T71.151S	Asphyxiation due to smothering in furniture, accidental, sequela
T71.152A	Asphyxiation due to smothering in furniture, intentional self-harm, initial encounter
T71.152D	Asphyxiation due to smothering in furniture, intentional self-harm, subsequent encounter
T71.152S	Asphyxiation due to smothering in furniture, intentional self-harm, sequela
T71.153A	Asphyxiation due to smothering in furniture, assault, initial encounter

ICD-10 Codes	Description
T71.153D	Asphyxiation due to smothering in furniture, assault, subsequent encounter
T71.153S	Asphyxiation due to smothering in furniture, assault, sequela
T71.154A	Asphyxiation due to smothering in furniture, undetermined, initial encounter
T71.154D	Asphyxiation due to smothering in furniture, undetermined, subsequent encounter
T71.154S	Asphyxiation due to smothering in furniture, undetermined, sequela
T71.161A	Asphyxiation due to hanging, accidental, initial encounter
T71.161D	Asphyxiation due to hanging, accidental, subsequent encounter
T71.161S	Asphyxiation due to hanging, accidental, sequela
T71.162A	Asphyxiation due to hanging, intentional self-harm, initial encounter
T71.162D	Asphyxiation due to hanging, intentional self-harm, subsequent encounter
T71.162S	Asphyxiation due to hanging, intentional self-harm, sequela
T71.163A	Asphyxiation due to hanging, assault, initial encounter
T71.163D	Asphyxiation due to hanging, assault, subsequent encounter
T71.163S	Asphyxiation due to hanging, assault, sequela
T71.164A	Asphyxiation due to hanging, undetermined, initial encounter
T71.164D	Asphyxiation due to hanging, undetermined, subsequent encounter
T71.164S	Asphyxiation due to hanging, undetermined, sequela
T71.191A	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, initial encounter
T71.191D	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, subsequent encounter
T71.191S	Asphyxiation due to mechanical threat to breathing due to other causes, accidental, sequela
T71.192A	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, initial encounter
T71.192D	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, subsequent encounter
T71.192S	Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela
T71.193A	Asphyxiation due to mechanical threat to breathing due to other causes, assault, initial encounter
T71.193D	Asphyxiation due to mechanical threat to breathing due to other causes, assault, subsequent encounter
T71.193S	Asphyxiation due to mechanical threat to breathing due to other causes, assault, sequela
T71.194A	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, initial encounter
T71.194D	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, subsequent encounter
T71.194S	Asphyxiation due to mechanical threat to breathing due to other causes, undetermined, sequela
T71.21XA	Asphyxiation due to cave-in or falling earth, initial encounter
T71.21XD	Asphyxiation due to cave-in or falling earth, subsequent encounter
T71.21XS	Asphyxiation due to cave-in or falling earth, sequela
T71.221A	Asphyxiation due to being trapped in a car trunk, accidental, initial encounter
T71.221D	Asphyxiation due to being trapped in a car trunk, accidental, subsequent encounter
T71.221S	Asphyxiation due to being trapped in a car trunk, accidental, sequela
T71.222A	Asphyxiation due to being trapped in a car trunk, intentional self-harm, initial encounter
T71.222D	Asphyxiation due to being trapped in a car trunk, intentional self-harm, subsequent encounter
T71.222S	Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela
T71.223A	Asphyxiation due to being trapped in a car trunk, assault, initial encounter
T71.223D	Asphyxiation due to being trapped in a car trunk, assault, subsequent encounter
T71.223S	Asphyxiation due to being trapped in a car trunk, assault, sequela
T71.224A	Asphyxiation due to being trapped in a car trunk, undetermined, initial encounter
T71.224D	Asphyxiation due to being trapped in a car trunk, undetermined, subsequent encounter
T71.224S	Asphyxiation due to being trapped in a car trunk, undetermined, sequela
T71.231A	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, initial encounter
T71.231D	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, subsequent encounter
T71.231S	Asphyxiation due to being trapped in a (discarded) refrigerator, accidental, sequela
T71.232A	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, initial encounter
T71.232D	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, subsequent encounter
T71.232S	Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela

ICD-10 Codes	Description
T71.233A	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, initial encounter
T71.233D	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, subsequent encounter
T71.233S	Asphyxiation due to being trapped in a (discarded) refrigerator, assault, sequela
T71.234A	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, initial encounter
T71.234D	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, subsequent encounter
T71.234S	Asphyxiation due to being trapped in a (discarded) refrigerator, undetermined, sequela
T71.29XA	Asphyxiation due to being trapped in other low oxygen environment, initial encounter
T71.29XD	Asphyxiation due to being trapped in other low oxygen environment, subsequent encounter
T71.29XS	Asphyxiation due to being trapped in other low oxygen environment, sequela
T73.3XXA	Exhaustion due to excessive exertion, initial encounter
T73.3XXD	Exhaustion due to excessive exertion, subsequent encounter
T73.3XXS	Exhaustion due to excessive exertion, sequela
T75.01XA	Shock due to being struck by lightning, initial encounter
T75.01XD	Shock due to being struck by lightning, subsequent encounter
T75.01XS	Shock due to being struck by lightning, sequela
T75.09XA	Other effects of lightning, initial encounter
T75.09XD	Other effects of lightning, subsequent encounter
T75.09XS	Other effects of lightning, sequela
T75.4XXA	Electrocution, initial encounter
T75.4XXD	Electrocution, subsequent encounter
T75.4XXS	Electrocution, sequela
T78.00XA	Anaphylactic reaction due to unspecified food, initial encounter
T78.00XD	Anaphylactic reaction due to unspecified food, subsequent encounter
T78.00XS	Anaphylactic reaction due to unspecified food, sequela
T78.01XA	Anaphylactic reaction due to peanuts, initial encounter
T78.01XD	Anaphylactic reaction due to peanuts, subsequent encounter
T78.01XS	Anaphylactic reaction due to peanuts, sequela
T78.02XA	Anaphylactic reaction due to shellfish (crustaceans), initial encounter
T78.02XD	Anaphylactic reaction due to shellfish (crustaceans), subsequent encounter
T78.02XS	Anaphylactic reaction due to shellfish (crustaceans), sequela
T78.03XA	Anaphylactic reaction due to other fish, initial encounter
T78.03XD	Anaphylactic reaction due to other fish, subsequent encounter
T78.03XS	Anaphylactic reaction due to other fish, sequela
T78.04XA	Anaphylactic reaction due to fruits and vegetables, initial encounter
T78.04XD	Anaphylactic reaction due to fruits and vegetables, subsequent encounter
T78.04XS	Anaphylactic reaction due to fruits and vegetables, sequela
T78.05XA	Anaphylactic reaction due to tree nuts and seeds, initial encounter
T78.05XD	Anaphylactic reaction due to tree nuts and seeds, subsequent encounter
T78.05XS	Anaphylactic reaction due to tree nuts and seeds, sequela
T78.06XA	Anaphylactic reaction due to food additives, initial encounter
T78.06XD	Anaphylactic reaction due to food additives, subsequent encounter
T78.06XS	Anaphylactic reaction due to food additives, sequela
T78.07XA	Anaphylactic reaction due to milk and dairy products, initial encounter
T78.07XD	Anaphylactic reaction due to milk and dairy products, subsequent encounter
T78.07XS	Anaphylactic reaction due to milk and dairy products, sequela
T78.08XA	Anaphylactic reaction due to eggs, initial encounter
T78.08XD	Anaphylactic reaction due to eggs, subsequent encounter
T78.08XS	Anaphylactic reaction due to eggs, sequela
T78.09XA	Anaphylactic reaction due to other food products, initial encounter
T78.09XD	Anaphylactic reaction due to other food products, subsequent encounter
T78.09XS	Anaphylactic reaction due to other food products, sequela
T78.2XXA	Anaphylactic shock, unspecified, initial encounter
T78.2XXD	Anaphylactic shock, unspecified, subsequent encounter
T78.2XXS	Anaphylactic shock, unspecified, sequela
T78.8XXA	Other adverse effects, not elsewhere classified, initial encounter
T78.8XXD	Other adverse effects, not elsewhere classified, subsequent encounter
T78.8XXS	Other adverse effects, not elsewhere classified, sequela

ICD-10 Codes	Description
T79.0XXA	Air embolism (traumatic), initial encounter
T79.0XXD	Air embolism (traumatic), subsequent encounter
T79.0XXS	Air embolism (traumatic), sequela
T79.1XXA	Fat embolism (traumatic), initial encounter
T79.1XXD	Fat embolism (traumatic), subsequent encounter
T79.1XXS	Fat embolism (traumatic), sequela
T79.4XXA	Traumatic shock, initial encounter
T79.4XXD	Traumatic shock, subsequent encounter
T79.4XXS	Traumatic shock, sequela
T80.0XXA	Air embolism following infusion, transfusion and therapeutic injection, initial encounter
T80.0XXD	Air embolism following infusion, transfusion and therapeutic injection, subsequent encounter
T80.0XXS	Air embolism following infusion, transfusion and therapeutic injection, sequela
T81.11XA	Postprocedural cardiogenic shock, initial encounter
T81.11XD	Postprocedural cardiogenic shock, subsequent encounter
T81.11XS	Postprocedural cardiogenic shock, sequela
T81.19XA	Other postprocedural shock, initial encounter
T81.19XD	Other postprocedural shock, subsequent encounter
T81.19XS	Other postprocedural shock, sequela
T81.81XA	Complication of inhalation therapy, initial encounter
T81.81XD	Complication of inhalation therapy, subsequent encounter
T81.81XS	Complication of inhalation therapy, sequela
T82.01XA	Breakdown (mechanical) of heart valve prosthesis, initial encounter
T82.01XD	Breakdown (mechanical) of heart valve prosthesis, subsequent encounter
T82.01XS	Breakdown (mechanical) of heart valve prosthesis, sequela
T82.02XA	Displacement of heart valve prosthesis, initial encounter
T82.02XD	Displacement of heart valve prosthesis, subsequent encounter
T82.02XS	Displacement of heart valve prosthesis, sequela
T82.03XA	Leakage of heart valve prosthesis, initial encounter
T82.03XD	Leakage of heart valve prosthesis, subsequent encounter
T82.03XS	Leakage of heart valve prosthesis, sequela
T82.09XA	Other mechanical complication of heart valve prosthesis, initial encounter
T82.09XD	Other mechanical complication of heart valve prosthesis, subsequent encounter
T82.09XS	Other mechanical complication of heart valve prosthesis, sequela
T82.110A	Breakdown (mechanical) of cardiac electrode, initial encounter
T82.110D	Breakdown (mechanical) of cardiac electrode, subsequent encounter
T82.110S	Breakdown (mechanical) of cardiac electrode, sequela
T82.111A	Breakdown (mechanical) of cardiac pulse generator (battery), initial encounter
T82.111D	Breakdown (mechanical) of cardiac pulse generator (battery), subsequent encounter
T82.111S	Breakdown (mechanical) of cardiac pulse generator (battery), sequela
T82.118A	Breakdown (mechanical) of other cardiac electronic device, initial encounter
T82.118D	Breakdown (mechanical) of other cardiac electronic device, subsequent encounter
T82.118S	Breakdown (mechanical) of other cardiac electronic device, sequela
T82.120A	Displacement of cardiac electrode, initial encounter
T82.120D	Displacement of cardiac electrode, subsequent encounter
T82.120S	Displacement of cardiac electrode, sequela
T82.121A	Displacement of cardiac pulse generator (battery), initial encounter
T82.121D	Displacement of cardiac pulse generator (battery), subsequent encounter
T82.121S	Displacement of cardiac pulse generator (battery), sequela
T82.128A	Displacement of other cardiac electronic device, initial encounter
T82.128D	Displacement of other cardiac electronic device, subsequent encounter
T82.128S	Displacement of other cardiac electronic device, sequela
T82.190A	Other mechanical complication of cardiac electrode, initial encounter
T82.190D	Other mechanical complication of cardiac electrode, subsequent encounter
T82.190S	Other mechanical complication of cardiac electrode, sequela
T82.191A	Other mechanical complication of cardiac pulse generator (battery), initial encounter
T82.191D	Other mechanical complication of cardiac pulse generator (battery), subsequent encounter
T82.191S	Other mechanical complication of cardiac pulse generator (battery), sequela

ICD-10 Codes	Description
T82.198A	Other mechanical complication of other cardiac electronic device, initial encounter
T82.198D	Other mechanical complication of other cardiac electronic device, subsequent encounter
T82.198S	Other mechanical complication of other cardiac electronic device, sequela
T82.211A	Breakdown (mechanical) of coronary artery bypass graft, initial encounter
T82.211D	Breakdown (mechanical) of coronary artery bypass graft, subsequent encounter
T82.211S	Breakdown (mechanical) of coronary artery bypass graft, sequela
T82.212A	Displacement of coronary artery bypass graft, initial encounter
T82.212D	Displacement of coronary artery bypass graft, subsequent encounter
T82.212S	Displacement of coronary artery bypass graft, sequela
T82.213A	Leakage of coronary artery bypass graft, initial encounter
T82.213D	Leakage of coronary artery bypass graft, subsequent encounter
T82.213S	Leakage of coronary artery bypass graft, sequela
T82.218A	Other mechanical complication of coronary artery bypass graft, initial encounter
T82.218D	Other mechanical complication of coronary artery bypass graft, subsequent encounter
T82.218S	Other mechanical complication of coronary artery bypass graft, sequela
T82.221A	Breakdown (mechanical) of biological heart valve graft, initial encounter
T82.221D	Breakdown (mechanical) of biological heart valve graft, subsequent encounter
T82.221S	Breakdown (mechanical) of biological heart valve graft, sequela
T82.222A	Displacement of biological heart valve graft, initial encounter
T82.222D	Displacement of biological heart valve graft, subsequent encounter
T82.222S	Displacement of biological heart valve graft, sequela
T82.223A	Leakage of biological heart valve graft, initial encounter
T82.223D	Leakage of biological heart valve graft, subsequent encounter
T82.223S	Leakage of biological heart valve graft, sequela
T82.228A	Other mechanical complication of biological heart valve graft, initial encounter
T82.228D	Other mechanical complication of biological heart valve graft, subsequent encounter
T82.228S	Other mechanical complication of biological heart valve graft, sequela
T82.512A	Breakdown (mechanical) of artificial heart, initial encounter
T82.512D	Breakdown (mechanical) of artificial heart, subsequent encounter
T82.512S	Breakdown (mechanical) of artificial heart, sequela
T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter
T82.514D	Breakdown (mechanical) of infusion catheter, subsequent encounter
T82.514S	Breakdown (mechanical) of infusion catheter, sequela
T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter
T82.518D	Breakdown (mechanical) of other cardiac and vascular devices and implants, subsequent encounter
T82.518S	Breakdown (mechanical) of other cardiac and vascular devices and implants, sequela
T82.522A	Displacement of artificial heart, initial encounter
T82.522D	Displacement of artificial heart, subsequent encounter
T82.522S	Displacement of artificial heart, sequela
T82.524A	Displacement of infusion catheter, initial encounter
T82.524D	Displacement of infusion catheter, subsequent encounter
T82.524S	Displacement of infusion catheter, sequela
T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter
T82.528D	Displacement of other cardiac and vascular devices and implants, subsequent encounter
T82.528S	Displacement of other cardiac and vascular devices and implants, sequela
T82.532A	Leakage of artificial heart, initial encounter
T82.532D	Leakage of artificial heart, subsequent encounter
T82.532S	Leakage of artificial heart, sequela
T82.534A	Leakage of infusion catheter, initial encounter
T82.534D	Leakage of infusion catheter, subsequent encounter
T82.534S	Leakage of infusion catheter, sequela
T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter
T82.538D	Leakage of other cardiac and vascular devices and implants, subsequent encounter
T82.538S	Leakage of other cardiac and vascular devices and implants, sequela
T82.592A	Other mechanical complication of artificial heart, initial encounter
T82.592D	Other mechanical complication of artificial heart, subsequent encounter
T82.592S	Other mechanical complication of artificial heart, sequela
T82.594A	Other mechanical complication of infusion catheter, initial encounter

ICD-10 Codes	Description
T82.594D	Other mechanical complication of infusion catheter, subsequent encounter
T82.594S	Other mechanical complication of infusion catheter, sequela
T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter
T82.598D	Other mechanical complication of other cardiac and vascular devices and implants, subsequent encounter
T82.598S	Other mechanical complication of other cardiac and vascular devices and implants, sequela
T82.6XXA	Infection and inflammatory reaction due to cardiac valve prosthesis, initial encounter
T82.6XXD	Infection and inflammatory reaction due to cardiac valve prosthesis, subsequent encounter
T82.6XXS	Infection and inflammatory reaction due to cardiac valve prosthesis, sequela
T82.7XXA	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter
T82.7XXD	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, subsequent encounter
T82.7XXS	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, sequela
T82.817A	Embolism due to cardiac prosthetic devices, implants and grafts, initial encounter
T82.817D	Embolism due to cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.817S	Embolism due to cardiac prosthetic devices, implants and grafts, sequela
T82.827A	Fibrosis due to cardiac prosthetic devices, implants and grafts, initial encounter
T82.827D	Fibrosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.827S	Fibrosis due to cardiac prosthetic devices, implants and grafts, sequela
T82.837A	Hemorrhage due to cardiac prosthetic devices, implants and grafts, initial encounter
T82.837D	Hemorrhage due to cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.837S	Hemorrhage due to cardiac prosthetic devices, implants and grafts, sequela
T82.847A	Pain due to cardiac prosthetic devices, implants and grafts, initial encounter
T82.847D	Pain due to cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.847S	Pain due to cardiac prosthetic devices, implants and grafts, sequela
T82.857A	Stenosis of other cardiac prosthetic devices, implants and grafts, initial encounter
T82.857D	Stenosis of other cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.857S	Stenosis of other cardiac prosthetic devices, implants and grafts, sequela
T82.867A	Thrombosis due to cardiac prosthetic devices, implants and grafts, initial encounter
T82.867D	Thrombosis due to cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.867S	Thrombosis due to cardiac prosthetic devices, implants and grafts, sequela
T82.897A	Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter
T82.897D	Other specified complication of cardiac prosthetic devices, implants and grafts, subsequent encounter
T82.897S	Other specified complication of cardiac prosthetic devices, implants and grafts, sequela
T86.21	Heart transplant rejection
T86.22	Heart transplant failure
T86.23	Heart transplant infection
T86.290	Cardiac allograft vasculopathy
T86.298	Other complications of heart transplant
T86.31	Heart-lung transplant rejection
T86.32	Heart-lung transplant failure
T86.33	Heart-lung transplant infection
T86.39	Other complications of heart-lung transplant
T86.810	Lung transplant rejection
T86.811	Lung transplant failure
T86.812	Lung transplant infection
T86.818	Other complications of lung transplant
T88.2XXA	Shock due to anesthesia, initial encounter
T88.2XXD	Shock due to anesthesia, subsequent encounter
T88.2XXS	Shock due to anesthesia, sequela
T88.3XXA	Malignant hyperthermia due to anesthesia, initial encounter
T88.3XXD	Malignant hyperthermia due to anesthesia, subsequent encounter
T88.3XXS	Malignant hyperthermia due to anesthesia, sequela
T88.4XXA	Failed or difficult intubation, initial encounter
T88.4XXD	Failed or difficult intubation, subsequent encounter

ICD-10 Codes	Description
T88.4XXS	Failed or difficult intubation, sequela
T88.51XA	Hypothermia following anesthesia, initial encounter
T88.51XD	Hypothermia following anesthesia, subsequent encounter
T88.51XS	Hypothermia following anesthesia, sequela
T88.6XXA	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, initial encounter
T88.6XXD	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, subsequent encounter
T88.6XXS	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, sequela
T88.8XXA	Other specified complications of surgical and medical care, not elsewhere classified, initial encounter
T88.8XXD	Other specified complications of surgical and medical care, not elsewhere classified, subsequent encounter
T88.8XXS	Other specified complications of surgical and medical care, not elsewhere classified, sequela
Z01.810	Encounter for preprocedural cardiovascular examination
Z01.811	Encounter for preprocedural respiratory examination
Z01.812	Encounter for preprocedural laboratory examination
Z01.818	Encounter for other preprocedural examination
Z45.010	Encounter for checking and testing of cardiac pacemaker pulse generator [battery]
Z45.018	Encounter for adjustment and management of other part of cardiac pacemaker
Z45.02	Encounter for adjustment and management of automatic implantable cardiac defibrillator
Z45.09	Encounter for adjustment and management of other cardiac device
Z48.21	Encounter for aftercare following heart transplant
Z48.280	Encounter for aftercare following heart-lung transplant
Z51.81	Encounter for therapeutic drug level monitoring
Z79.899	Other long term (current) drug therapy
Z83.41	Family history of multiple endocrine neoplasia [MEN] syndrome
Z83.49	Family history of other endocrine, nutritional and metabolic diseases
Z86.73	Personal history of transient ischemic attack (TIA), and cerebral infarction without residual deficits
Z94.1	Heart transplant status
Z94.3	Heart and lungs transplant status
Z95.0	Presence of cardiac pacemaker
Z95.1	Presence of aortocoronary bypass graft
Z95.2	Presence of prosthetic heart valve
Z95.5	Presence of coronary angioplasty implant and graft
Z95.810	Presence of automatic (implantable) cardiac defibrillator
Z95.811	Presence of heart assist device
Z95.818	Presence of other cardiac implants and grafts
Z95.820	Peripheral vascular angioplasty status with implants and grafts
Z95.828	Presence of other vascular implants and grafts
Z98.61	Coronary angioplasty status

Group 1 Medical Necessity ICD-10 Codes Asterisk Explanation:

ICD-10 Codes that DO NOT Support Medical Necessity N/A

ICD-10 Additional Information [Back to Top](#)

General Information

Associated Information

Supportive documentation evidencing the condition and treatment is expected to be documented in the medical record and be available upon request.

An interpretation and report must address the findings and comparative data, if available (i.e., a prior ECG).

The patient's medical record must be legible and clearly indicate the reasonableness and necessity of the service.

The documentation must show that the service was reasonable and necessary for at least one of the covered conditions in this policy.

A laboratory or a portable X-ray supplier that supplies an ECG must maintain in its records the referring physician's written order and the identity of the employee taking the tracing.

Patients presenting with an acute ischemic episode may require several ECGs on one or more days to delineate the severity and progression of that episode when needed to properly treat the patient.

Unstable patients (e.g., electrolyte imbalance, recurrent rhythm disturbances, recurrent chest pain) may require more than one ECG annually to diagnose the condition or assess response to treatment.

Typically, patients with chronic stable heart disease, or other diseases potentially affecting the heart do not require an ECG more frequently than annually.

No comments were received for this draft LCD for comment period ending 08/14/2017.

Sources of Information

1. Other contractor's local medical review policies
2. Contractor Medical Director
3. New England and Los Angeles LMRPs

Bibliography

NA

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Revision History Information

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
		09/06/2018 - At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.	
10/01/2018	R8	The following ICD-110 codes were added, deleted and revised per the Annual ICD-10 Updates. Added: E78.41, E78.49, I63.81, I63.89, I67.850, I67.858, K82.A2, K83.01, T43.641A, T43.641D, T43.641S, T43.642A, T43.642D, T43.642S, T43.643A, T43.643D, T43.643S, T43.644A, T43.644D and T43.644S. Deleted: E78.4 and I63.8. Revised: I63.333 and T81.11XA, T81.11XD and T81.11XS.	<ul style="list-style-type: none">• Revisions Due To ICD -10-CM Code Changes
03/26/2018	R7	05/08/2018 - At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.	

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
03/26/2018	R6	LCD revised to add ICD-10-CM Z51.81 and Z79.899 effective 03/26/2018. There is no change in the LCD coverage.	<ul style="list-style-type: none"> Creation of Uniform LCDs Within a MAC Jurisdiction
		01/17/18-At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.	
		LCD revised to update the language referenced from the IOM 100-4 Chapter 13 Section 100.1 from carriers to A/B MACs (B) and add the following ICD-10 codes new for 2018 because they are within the coverage indications of this LCD: E85.81-E85.82, E85.89, I21.9, I21.A1, I21.A9, I27.20-I27.24, I27.29, I27.83, I50.810-I50.814, I50.82-I50.84, I50.89 and R06.03,	<ul style="list-style-type: none"> Creation of Uniform LCDs Within a MAC Jurisdiction
		08/24/2017: At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.	
		Effective DOS 10/01/ 2017 the following ICD-10-CM codes were added, deleted and had a description change:	
		Added:	
10/01/2017	R5	<ul style="list-style-type: none"> E85.81 E85.82 E85.89 I21.9 I21.A1 I21.A9 I27.20 I27.21 I27.22 I27.23 I27.24 I27.29 I27.83 I50.810 I50.811 I50.812 I50.813 I50.814 I50.82 I50.83 I50.84 I50.89 R06.03 	<ul style="list-style-type: none"> Aberrant Local Utilization
		The following ICD-10 codes were deleted from the ICD-10 Codes that Support Medical Necessity field: E85.8 was deleted from Group 1 I27.2 was deleted from Group 1	

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
		<p>The following ICD-10 code descriptions were changed in the ICD-10 Codes that Support Medical Necessity field: I50.1 descriptor was changed in Group 1 I63.323 descriptor was changed in Group 1 I63.333 descriptor was changed in Group 1 I63.513 descriptor was changed in Group 1 I63.523 descriptor was changed in Group 1 I63.533 descriptor was changed in Group 1</p>	
		<p>The LCD is revised to add ICD-10 codes effective 10/1/2016: E78.00, E78.01, H34.8110, H34.8111, H34.8120, H34.8121, H34.8130, H34.8131, H34.8310, H34.8311, H34.8320, H34.8321, H34.8330, H34.8331, I63.033, I63.113, I63.133, I63.213, I63.233, I63.313, I63.323, I63.333, I63.413, I63.423, I63.433, I63.443, I63.513, I63.523, I63.533, I63.543, I97.621, I97.622, I97.630, I97.631, I97.638, I97.640, I97.641, J98.51, J98.59, Q25.21, Q25.29, Q25.40, Q25.41, Q25.42, Q25.43, Q25.44, Q25.45, Q25.46, Q25.47, Q25.48, Q25.49.</p>	
10/01/2016	R4	<p>ICD-10 codes deleted from Group 1 effective 10/1/2016: E78.0, H34.811, H34.812, H34.813, H34.831, H34.832, H34.833, J98.5, Q25.2, Q25.4.</p>	<ul style="list-style-type: none"> Revisions Due To ICD-10-CM Code Changes
		<p>ICD-10 code descriptions were changed in Group 1: I77.79, O15.02, O15.03, O15.1, O15.2, T82.817A, T82.817D, T82.817S, T82.827A, T82.827D, T82.827S, T82.837A, T82.837D, T82.837S, T82.847A, T82.847D, T82.847S, T82.857A, T82.857D, T82.857S, T82.867A, T82.867D, T82.867S.</p>	
		<p>R3 LCD updated to add ICD-10-CM codes A17.89 A39.50 B33.20 B33.24 B39.0 B39.1 B39.2 B39.3 B39.4 B39.5 M10.9 E05.91 E85.9 E85.2 D57.819 F11.129 I01.9 I09.1 I05.9 I06.9 I08.9 I24.9 I20.9 I25.119 I25.701 I25.708 I25.709 I25.719 I25.729 I25.739 I25.759 I25.769 I25.799 I30.9 I33.9 I40.9 I44.30 I44.7 I45.9 I47.9 I49.40 I63.511 I63.512 I63.521 I63.522 I63.531 I63.532 I63.541 I63.542 I63.59 I63.9 J44.9 J45.902 K20.9 O03.81 O03.7 O14.92 O14.93 O14.10 O14.20 O88.019 O88.119 O88.319 Q21.9 Q24.9 R00.0 R56.9 R57.9 R10.9 R10.10 R68.84 G47.31 G47.32 G47.33 G47.34 G47.11 G47.12 G47.21 G47.22 G47.23 G47.24 S25.429A S25.429D S25.429S S26.00XA S26.00XD S26.00XS S26.10XA S26.10XD S26.10XS S26.90XA S26.90XD S26.90XS S26.99XA S26.99XD S26.99XS S21.301A S21.301D S21.301S S21.302A S21.302D S21.302S S21.309A S21.309D S21.309S S21.319A S21.319D S21.319S S21.329A S21.329D S21.329S S21.339A S21.339D S21.339S S21.349A S21.349D S21.349S T46.901A T46.901D T46.901S T46.902A T46.902D T46.902S T46.903A T46.903D T46.903S T46.904A T46.904D T46.904S T78.2XXA T78.2XXD T78.2XXS T78.00XA T78.00XD T78.00XS Z95.820 Z95.828 Z01.812 effective 10/1/15</p>	<ul style="list-style-type: none"> Reconsideration Request Revisions Due To ICD-10-CM Code Changes
10/01/2015	R3		
10/01/2015	R2	<p>R2 LCD revised to add I49.9 and R00.1</p>	<ul style="list-style-type: none"> Reconsideration Request
10/01/2015	R1	<p>The LCD revised to add ICD-10 code I48.91, I48.92 and R07.9 to group 1. The effective date remains 10/1/2015.</p>	<ul style="list-style-type: none"> Reconsideration Request

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Associated Documents

Attachments N/A

Related Local Coverage Documents LCD(s) [DL34315 - Electrocardiograms](#)

Related National Coverage Documents N/A

Public Version(s) Updated on 09/06/2018 with effective dates 10/01/2018 - N/A [Updated on 05/08/2018 with effective dates 03/26/2018 - 09/30/2018](#) [Updated on 01/22/2018 with effective dates 03/26/2018 - N/A](#) [Updated on 08/24/2017 with effective dates 10/01/2017 - 03/25/2018](#) [Updated on 09/20/2016 with effective dates 10/01/2016 - 09/30/2017](#) Some older versions have been archived. Please visit the [MCD Archive Site](#) to retrieve them. [Back to Top](#)

Keywords

- Electrocardiograms, ECG, EKG
- 93000
- 93005
- 93010
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- 93042

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