



Professional

# ICD-10-CM Professional for Hospitals

The complete official code set  
Codes valid from October 1, 2024  
through September 30, 2025

SAMPLE

2025

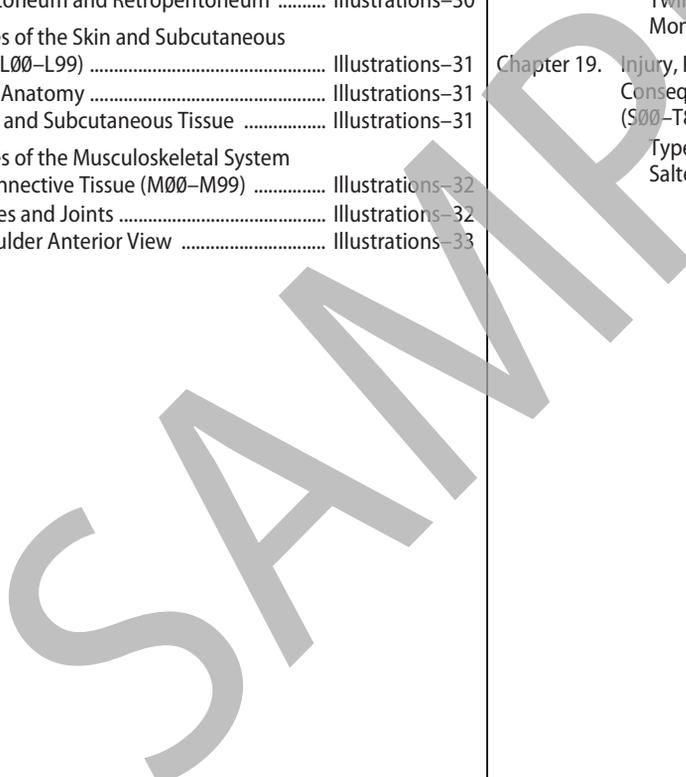
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**Age Edits**

**N Newborn Age: 0**

These diagnoses are intended for newborns and neonates and the patient's age must be 0 years.

**N47.0 Adherent prepuce, newborn** N ♂

**P Pediatric Age: 0-17**

These diagnoses are intended for children and the patient's age must be between 0 and 17 years.

**L21.1 Seborrheic infantile dermatitis** P

**M Maternity Age: 9-64**

These diagnoses are intended for childbearing patients between the age of 9 and 64 years.

**O02.9 Abnormal product of conception, unspecified** M ♀

**A Adult Age: 15-124**

These diagnoses are intended for patients between the age of 15 and 124 years.

**R54 Age-related physical debility** A  
 Frailty  
 Old age  
 Senescence  
 Senile asthenia  
 Senile debility  
**EXCLUDES1** *age-related cognitive decline (R41.81)*  
*sarcopenia (M62.84)*  
*senile psychosis (F03)*  
*senility NOS (R41.81)*

**Sex Edits**

**♂ Male diagnosis only**

**Q98.0 Klinefelter syndrome karyotype 47, XXY** ♂

**♀ Female diagnosis only**

**N35.12 Postinfective urethral stricture, not elsewhere classified, female** ♀

**H1 - H14 Hospital Acquired Condition (HAC)**

These icons identify codes that are high-cost and/or high-volume (CC or MCC) that when assigned as a secondary diagnosis result in assignment of a case to a higher-paying MS-DRG. The condition or diagnosis represented by these codes is considered reasonably preventable through the application of evidence-based guidelines. If the condition is not present on admission (meaning it developed during the hospital admission), the case will not group to the higher-paying MS-DRG based solely upon the reporting of the HAC code. Many of these HACs are conditional and are based on reporting the specific diagnosis code(s) in combination with certain procedure codes.

**Note:** Hospital-acquired conditions do not impact MS-LTC-DRG assignment.

**N15.1 Renal and perinephric abscess** MCC H6

**CC Condition**

This icon identifies a complication or comorbidity diagnosis that may affect DRG assignment. A complication or comorbidity diagnosis, CC condition, is defined as a significant acute disease, a significant acute manifestation of a chronic disease, an advanced or end-stage chronic disease, or a chronic disease associated with systemic physiological decompensation and debility that have consistently greater impact on hospital resources.

**G90.59 Complex regional pain syndrome I of other specified site** CC

**MCC Condition**

This icon identifies a major complication or comorbidity diagnosis that may affect DRG assignment. An MCC condition meets the same criteria as a CC condition but is associated with a higher acuity level and hospital resource consumption is expected to be higher than that for a CC condition. There are fewer conditions that meet the criteria as an MCC than those for a CC condition.

**S35.238 Other injury of inferior mesenteric artery** MCC

**Note:** The assignment of an MS-DRG or MS-LTC-DRG often depends on the presence or absence of a secondary diagnosis code that is designated as an MCC or CC. However, in some instances the MCC or CC designation for that secondary diagnosis code is negated due to its relationship with the principal diagnosis; this is referred to as CC exclusion. The ICD-10 MS-DRG Definitions Manual included with the IPPS final rule provides a list of all principal diagnosis codes that would render ineffective the MCC/CC designation for a particular ICD-10-CM code when used as a secondary diagnosis. Optum has provided this CC exclusion list in an easily searchable data file, which can be accessed at the following:

<https://www.optumcoding.com/ProductUpdates/>  
 Title: "2024 ICD-10-CM for Hospitals CC Excludes Data File"  
 Password: XXXXXX

**UNS Unspecified Site**

This icon identifies codes that are considered an MCC or CC but lack specificity in regard to their anatomical location. The medical record documentation should be reviewed carefully, to ensure that no other code within the same category or subcategory can be assigned for greater specificity.

**G81.00 Flaccid hemiplegia affecting unspecified side** CC UNS HCC

**UPD Unacceptable Principal Diagnosis**

This icon identifies codes that should not be assigned as principal diagnosis for *inpatient* admissions. Codes with an unacceptable principal diagnosis edit are considered supplementary — describing circumstances that influence an individual's health status or an additional code — identifying conditions that are not specific manifestations but may be due to an underlying cause.

**T48.5X5 Adverse effect of other anti-common-cold drugs** UPD

**HIV HIV-related Condition**

This icon identifies codes that are considered a major HIV-related diagnosis. When the condition is coded in combination with a diagnosis of human immunodeficiency virus (HIV), code B20, the case will move from MS-DRG/MS-LTC-DRG 977 to MS-DRGs/MS-LTC-DRGs 974-976.

**G96.9 Disorder of central nervous system, unspecified** HIV



## Disorder

**Disorder** — *continued*  
 binocular — *continued*  
 movement — *continued*  
 convergence  
 excess H51.12  
 insufficiency H51.11  
 internuclear ophthalmoplegia — *see* Ophthalmoplegia, internuclear  
 palsy of conjugate gaze H51.0  
 specified type NEC H51.8  
 vision NEC — *see* Disorder, vision, binocular  
 bipolar (I) seasonal (type I) F31.9  
 and related due to a known physiological condition with  
 manic features F06.33  
 manic- or hypomanic-like episodes F06.33  
 mixed features F06.34  
 current (or most recent) episode  
 depressed F31.9  
 with psychotic features F31.5  
 without psychotic features F31.30  
 mild F31.31  
 moderate F31.32  
 severe (without psychotic features) F31.4  
 with psychotic features F31.5  
 hypomanic F31.0  
 manic F31.9  
 with psychotic features F31.2  
 without psychotic features F31.10  
 mild F31.11  
 moderate F31.12  
 severe (without psychotic features) F31.13  
 with psychotic features F31.2  
 mixed F31.60  
 mild F31.61  
 moderate F31.62  
 severe (without psychotic features) F31.63  
 with psychotic features F31.64  
 severe depression (without psychotic features) F31.4  
 with psychotic features F31.5  
 II (type 2) F31.81  
 in remission (currently) F31.70  
 in full remission  
 most recent episode  
 depressed F31.76  
 hypomanic F31.72  
 manic F31.74  
 mixed F31.78  
 in partial remission  
 most recent episode  
 depressed F31.75  
 hypomanic F31.71  
 manic F31.73  
 mixed F31.77  
 organic F06.30  
 single manic episode F30.9  
 mild F30.11  
 moderate F30.12  
 severe (without psychotic symptoms) F30.13  
 with psychotic symptoms F30.2  
 specified NEC F31.89  
 bladder N32.9  
 functional NEC N31.9  
 in schistosomiasis B65.0 [N33]  
 specified NEC N32.89  
 bleeding D68.9  
 blood D75.9  
 in congenital early syphilis A50.09 [D77]  
 body dysmorphic F45.22  
 bone M89.9  
 continuity M84.9  
 specified type NEC M84.80  
 ankle M84.87- ✓  
 fibula M84.86- ✓  
 foot M84.87- ✓  
 hand M84.84- ✓  
 humerus M84.82- ✓  
 neck M84.88  
 pelvis M84.859  
 radius M84.83- ✓  
 rib M84.88  
 shoulder M84.81- ✓  
 skull M84.88  
 thigh M84.85- ✓  
 tibia M84.86- ✓  
 ulna M84.83- ✓

**Disorder** — *continued*  
 bone — *continued*  
 continuity — *continued*  
 specified type — *continued*  
 vertebra M84.88  
 density and structure M85.9  
 cyst — *see also* Cyst, bone, specified type NEC  
 aneurysmal — *see* Cyst, bone, aneurysmal  
 solitary — *see* Cyst, bone, solitary  
 diffuse idiopathic skeletal hyperostosis — *see*  
 Hyperostosis, ankylosing  
 fibrous dysplasia (monostotic) — *see* Dysplasia, fibrous, bone  
 fluorosis — *see* Fluorosis, skeletal  
 hyperostosis of skull M85.2  
 osteitis condensans — *see* Osteitis, condensans  
 specified type NEC M85.8- ✓  
 ankle M85.87- ✓  
 foot M85.87- ✓  
 forearm M85.83- ✓  
 hand M85.84- ✓  
 lower leg M85.86- ✓  
 multiple sites M85.89  
 neck M85.88  
 rib M85.88  
 shoulder M85.81- ✓  
 skull M85.88  
 thigh M85.85- ✓  
 upper arm M85.82- ✓  
 vertebra M85.88  
 development and growth NEC M89.20  
 carpus M89.24- ✓  
 clavicle M89.21- ✓  
 femur M89.25- ✓  
 fibula M89.26- ✓  
 finger M89.24- ✓  
 humerus M89.22- ✓  
 ilium M89.28  
 ischium M89.28  
 metacarpus M89.24- ✓  
 metatarsus M89.27- ✓  
 multiple sites M89.29  
 neck M89.28  
 radius M89.23- ✓  
 rib M89.28  
 scapula M89.21- ✓  
 skull M89.28  
 tarsus M89.27- ✓  
 tibia M89.26- ✓  
 toe M89.27- ✓  
 ulna M89.23- ✓  
 vertebra M89.28  
 specified type NEC M89.8X- ✓  
 brachial plexus G54.0  
 branched-chain amino-acid metabolism E71.2  
 specified NEC E71.19  
 breast N64.9  
 agalactia — *see* Agalactia  
 associated with  
 lactation O92.70  
 specified NEC O92.79  
 pregnancy O92.20  
 specified NEC O92.29  
 puerperium O92.20  
 specified NEC O92.29  
 cracked nipple — *see* Cracked nipple  
 galactorrhea — *see* Galactorrhea  
 hypogalactia O92.4  
 lactation disorder NEC O92.79  
 mastitis — *see* Mastitis  
 nipple infection — *see* Infection, nipple  
 retracted nipple — *see* Retraction, nipple  
 specified type NEC N64.89  
 Briquet's F45.0  
 bullous, in diseases classified elsewhere L14  
 caffeine use  
 mild  
 with  
 caffeine-induced  
 anxiety disorder F15.180  
 sleep disorder F15.182  
 moderate or severe  
 with  
 caffeine-induced  
 anxiety disorder F15.280  
 sleep disorder F15.282

**Disorder** — *continued*  
 cannabis use  
 mild F12.10  
 with  
 cannabis intoxication delirium F12.121  
 with perceptual disturbances F12.122  
 without perceptual disturbances F12.129  
 cannabis-induced  
 anxiety disorder F12.180  
 psychotic disorder F12.159  
 sleep disorder F12.188  
 in remission (early) (sustained) F12.11  
 moderate or severe F12.20  
 with  
 cannabis intoxication  
 with perceptual disturbances F12.222  
 without perceptual disturbances F12.229  
 cannabis-induced  
 anxiety disorder F12.280  
 psychotic disorder F12.259  
 sleep disorder F12.288  
 delirium F12.221  
 in remission (early) (sustained) F12.21  
 carbohydrate  
 absorption, intestinal NEC E74.39  
 metabolism (congenital) E74.9  
 specified NEC E74.89  
 cardiac, functional I51.89  
 carnitine metabolism E71.40  
 cartilage M94.9  
 articular NEC — *see* Derangement, joint, articular  
 cartilage  
 chondrocalcinosis — *see* Chondrocalcinosis  
 specified type NEC M94.8X- ✓  
 articular — *see* Derangement, joint, articular  
 cartilage  
 multiple sites M94.8X0  
 catatonia (due to known physiological condition) (with another mental disorder) F06.1  
 catatonic  
 due to (secondary to) known physiological condition F06.1  
 organic F06.1  
 central auditory processing H93.25  
 cervical  
 region NEC M53.82  
 root (nerve) NEC G54.2  
 character NOS F00.9  
 childhood disintegrative NEC F84.3  
 cholesterol and bile acid metabolism E78.70  
 Barth syndrome E78.71  
 other specified E78.79  
 Smith-Lemli-Opitz syndrome E78.72  
 choroid H31.9  
 atrophy — *see* Atrophy, choroid  
 degeneration — *see* Degeneration, choroid  
 detachment — *see* Detachment, choroid  
 dystrophy — *see* Dystrophy, choroid  
 hemorrhage — *see* Hemorrhage, choroid  
 rupture — *see* Rupture, choroid  
 scar — *see* Scar, chorioretinal  
 solar retinopathy — *see* Retinopathy, solar  
 specified type NEC H31.8  
 ciliary body — *see* Disorder, iris  
 degeneration — *see* Degeneration, ciliary body  
 coagulation (factor) — *see also* Defect, coagulation D68.9  
 newborn, transient P61.6  
 cocaine use  
 mild F14.10  
 with  
 amphetamine, cocaine, or other stimulant intoxication  
 with perceptual disturbances F14.122  
 without perceptual disturbances F14.129  
 cocaine intoxication delirium F14.121  
 cocaine-induced  
 anxiety disorder F14.180  
 bipolar and related disorder F14.14  
 depressive disorder F14.14  
 obsessive-compulsive and related disorder F14.188  
 psychotic disorder F14.159  
 sexual dysfunction F14.181  
 sleep disorder F14.182  
 in remission (early) (sustained) F14.11  
 moderate or severe F14.20

## Chapter 2. Neoplasms (C00–D49)

### Chapter-specific Guidelines with Coding Examples

The chapter-specific guidelines from the ICD-10-CM Official Guidelines for Coding and Reporting have been provided below. Along with these guidelines are coding examples, contained in the shaded boxes, that have been developed to help illustrate the coding and/or sequencing guidance found in these guidelines.

#### General guidelines

Chapter 2 of the ICD-10-CM contains the codes for most benign and all malignant neoplasms. Certain benign neoplasms, such as prostatic adenomas, may be found in the specific body system chapters. To properly code a neoplasm, it is necessary to determine from the record if the neoplasm is benign, in-situ, malignant, or of uncertain histologic behavior. If malignant, any secondary (metastatic) sites should also be determined.

Primary malignant neoplasms overlapping site boundaries

A primary malignant neoplasm that overlaps two or more contiguous (next to each other) sites should be classified to the subcategory/code .8 ('overlapping lesion'), unless the combination is specifically indexed elsewhere. For multiple neoplasms of the same site that are not contiguous such as tumors in different quadrants of the same breast, codes for each site should be assigned.

A 73-year-old white female with a large rapidly growing malignant tumor in the left breast extending from the upper outer quadrant into the axillary tail

**C50.812 Malignant neoplasm of overlapping sites of left female breast**

*Explanation:* Because this is a single large tumor that overlaps two contiguous sites, a single code for overlapping sites is assigned.

A 52-year old white female with two distinct lesions of the right breast, one (0.5 cm) in the upper outer quadrant and a second (1.5 cm) in the lower outer quadrant; path report indicates both lesions are malignant

**C50.411 Malignant neoplasm of upper-outer quadrant of right female breast**

**C50.511 Malignant neoplasm of lower-outer quadrant of right female breast**

*Explanation:* This patient has two distinct malignant lesions of right breast in adjacent quadrants. Because the lesions are not contiguous, two codes are reported.

Malignant neoplasm of ectopic tissue

Malignant neoplasms of ectopic tissue are to be coded to the site of origin mentioned, e.g., ectopic pancreatic malignant neoplasms involving the stomach are coded to malignant neoplasm of pancreas, unspecified (C25.9).

The neoplasm table in the Alphabetic Index should be referenced first. However, if the histological term is documented, that term should be referenced first, rather than going immediately to the Neoplasm Table, in order to determine which column in the Neoplasm Table is appropriate. For example, if the documentation indicates "adenoma," refer to the term in the Alphabetic Index to review the entries under this term and the instructional note to "see also neoplasm, by site, benign." The table provides the proper code based on the type of neoplasm and the site. It is important to select the proper column in the table that corresponds to the type of neoplasm. The Tabular List should then be referenced to verify that the correct code has been selected from the table and that a more specific site code does not exist.

See Section I.C.21. Factors influencing health status and contact with health services, Status, for information regarding Z15.0, codes for genetic susceptibility to cancer.

#### a. Admission/Encounter for treatment of primary site

If the malignancy is chiefly responsible for occasioning the patient admission/encounter and treatment is directed at the primary site, designate the primary malignancy as the principal/first-listed diagnosis.

The only exception to this guideline is if the administration of chemotherapy, immunotherapy or external beam radiation therapy is chiefly responsible for occasioning the admission/encounter. In that case, assign the appropriate Z51.-- code as the first-listed or principal diagnosis, and the underlying diagnosis or problem for which the service is being performed as a secondary diagnosis.

#### b. Admission/Encounter for treatment of secondary site

When a patient is admitted because of a primary neoplasm with metastasis and treatment is directed toward the secondary site only, the secondary neoplasm is designated as the principal diagnosis even though the primary malignancy is still present.

Patient with primary prostate cancer with metastasis to lungs admitted for wedge resection of mass in right lung

**C78.01 Secondary malignant neoplasm of right lung**

**C61 Malignant neoplasm of prostate**

*Explanation:* Since the admission is for treatment of the lung metastasis, the secondary lung metastasis is sequenced before the primary prostate cancer.

#### c. Coding and sequencing of complications

Coding and sequencing of complications associated with the malignancies or with the therapy thereof are subject to the following guidelines:

##### 1) Anemia associated with malignancy

When admission/encounter is for management of an anemia associated with the malignancy, and the treatment is only for anemia, the appropriate code for the malignancy is sequenced as the principal or first-listed diagnosis followed by the appropriate code for the anemia (such as code D63.0, Anemia in neoplastic disease).

Patient is admitted for treatment of anemia in advanced colon cancer

**C18.9 Malignant neoplasm of colon, unspecified**

**D63.0 Anemia in neoplastic disease**

*Explanation:* Even though the admission was solely to treat the anemia, this guideline indicates that the code for the malignancy is sequenced first.

##### 2) Anemia associated with chemotherapy, immunotherapy and radiation therapy

When the admission/encounter is for management of an anemia associated with an adverse effect of the administration of chemotherapy or immunotherapy and the only treatment is for the anemia, the anemia code is sequenced first followed by the appropriate codes for the neoplasm and the adverse effect (T45.1X5, Adverse effect of antineoplastic and immunosuppressive drugs).

A 56-year-old Hispanic male with grade II follicular lymphoma involving multiple lymph node sites referred for blood transfusion to treat anemia due to chemotherapy

**D64.81 Anemia due to antineoplastic chemotherapy**

**C82.18 Follicular lymphoma grade II, lymph nodes of multiple sites**

**T45.1X5A Adverse effect of antineoplastic and immunosuppressive drugs, initial encounter**

*Explanation:* The code for the anemia is sequenced first followed by the code for the malignant neoplasm and lastly the code for the adverse effect.

When the admission/encounter is for management of an anemia associated with an adverse effect of radiotherapy, the anemia code should be sequenced first, followed by the appropriate neoplasm code and code Y84.2, Radiological procedure and radiotherapy as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure.

- D82.8 Immunodeficiency associated with other specified major defects HCC
- D82.9 Immunodeficiency associated with major defect, unspecified HCC
- √4<sup>th</sup> D83 Common variable immunodeficiency
- D83.0 Common variable immunodeficiency with predominant abnormalities of B-cell numbers and function CC HCC
- D83.1 Common variable immunodeficiency with predominant immunoregulatory T-cell disorders CC HCC
- D83.2 Common variable immunodeficiency with autoantibodies to B- or T-cells CC HCC
- D83.8 Other common variable immunodeficiencies CC HCC
- D83.9 Common variable immunodeficiency, unspecified CC HCC
- √4<sup>th</sup> D84 Other immunodeficiencies
- D84.0 Lymphocyte function antigen-1 [LFA-1] defect HCC
- D84.1 Defects in the complement system HCC  
C1 esterase inhibitor [C1-INH] deficiency
- √5<sup>th</sup> D84.8 Other specified immunodeficiencies
- AHA: 2020,4Q,10-12
- D84.81 Immunodeficiency due to conditions classified elsewhere CC HCC  
Code first underlying condition, such as:  
chromosomal abnormalities (Q90-Q99)  
diabetes mellitus (E08-E13)  
malignant neoplasms (C00-C96)  
**EXCLUDES 1** certain disorders involving the immune mechanism (D80-D83, D84.0, D84.1, D84.9)  
human immunodeficiency virus [HIV] disease (B20)  
  
AHA: 2021,1Q,52
- √6<sup>th</sup> D84.82 Immunodeficiency due to drugs and external causes
- D84.821 Immunodeficiency due to drugs CC HCC  
Immunodeficiency due to (current or past) medication  
Use additional code for adverse effect if applicable, to identify adverse effect of drug (T36-T50 with fifth or six character 5)  
Use additional code, if applicable, for associated long term (current) drug therapy drug or medication such as:  
long term (current) drug therapy systemic steroids (Z79.52)  
other long term (current) drug therapy (Z79.899)
- D84.822 Immunodeficiency due to external causes CC HCC  
Code also, if applicable, radiological procedure and radiotherapy (Y84.2)  
Use additional code for external cause such as:  
exposure to ionizing radiation (W88)
- D84.89 Other immunodeficiencies CC HCC
- D84.9 Immunodeficiency, unspecified CC HCC  
Immunocompromised NOS  
Immunodeficient NOS  
Immunosuppressed NOS  
AHA: 2020,4Q,10
- √4<sup>th</sup> D86 Sarcoidosis
- DEF: Clustering of immune cells resulting in granuloma formation. Often affects the lungs and lymphatic system but can occur in other body sites.
- D86.0 Sarcoidosis of lung HCC
- D86.1 Sarcoidosis of lymph nodes
- D86.2 Sarcoidosis of lung with sarcoidosis of lymph nodes HCC
- D86.3 Sarcoidosis of skin
- √5<sup>th</sup> D86.8 Sarcoidosis of other sites
- D86.81 Sarcoid meningitis
- D86.82 Multiple cranial nerve palsies in sarcoidosis HCC
- D86.83 Sarcoid iridocyclitis
- D86.84 Sarcoid pyelonephritis  
Tubulo-interstitial nephropathy in sarcoidosis
- D86.85 Sarcoid myocarditis

- D86.86 Sarcoid arthropathy  
Polyarthritis in sarcoidosis
- D86.87 Sarcoid myositis
- D86.89 Sarcoidosis of other sites  
Hepatic granuloma  
Uveoparotid fever [Heerfordt]
- D86.9 Sarcoidosis, unspecified
- √4<sup>th</sup> D89 Other disorders involving the immune mechanism, not elsewhere classified
- EXCLUDES 1** hyperglobulinemia NOS (R77.1)  
monoclonal gammopathy (of undetermined significance) (D47.2)  
**EXCLUDES 2** transplant failure and rejection (T86.-)
- D89.0 Polyclonal hypergammaglobulinemia  
Benign hypergammaglobulinemic purpura  
Polyclonal gammopathy NOS
- D89.1 Cryoglobulinemia HCC  
Cryoglobulinemic purpura  
Cryoglobulinemic vasculitis  
Essential cryoglobulinemia  
Idiopathic cryoglobulinemia  
Mixed cryoglobulinemia  
Primary cryoglobulinemia  
Secondary cryoglobulinemia
- D89.2 Hypergammaglobulinemia, unspecified
- D89.3 Immune reconstitution syndrome HCC  
Immune reconstitution inflammatory syndrome [IRIS]  
Use additional code for adverse effect, if applicable, to identify drug (T36-T50 with fifth or sixth character 5)
- √5<sup>th</sup> D89.4 Mast cell activation syndrome and related disorders HCC  
**EXCLUDES 1** aggressive systemic mastocytosis (C96.21)  
congenital cutaneous mastocytosis (Q82.2)  
(non-congenital) cutaneous mastocytosis (D47.01)  
(indolent) systemic mastocytosis (D47.02)  
malignant mast cell neoplasm (C96.2-)  
malignant mastocytoma (C96.29)  
mast cell leukemia (C94.3-)  
mast cell sarcoma (C96.22)  
mastocytoma NOS (D47.09)  
other mast cell neoplasms of uncertain behavior (D47.09)  
systemic mastocytosis associated with a clonal hematologic non-mast cell lineage disease (SM-AHNMD) (D47.02)  
  
AHA: 2016,4Q,11
- D89.40 Mast cell activation, unspecified HCC  
Mast cell activation disorder, unspecified  
Mast cell activation syndrome, NOS
- D89.41 Monoclonal mast cell activation syndrome HCC
- D89.42 Idiopathic mast cell activation syndrome HCC
- D89.43 Secondary mast cell activation HCC  
Secondary mast cell activation syndrome  
Code also underlying etiology, if known
- D89.44 Hereditary alpha tryptasemia HCC  
Use additional code, if applicable, for:  
allergy status, other than to drugs and biological substances (Z91.0-)  
personal history of anaphylaxis (Z87.892)  
AHA: 2021,4Q,8
- D89.49 Other mast cell activation disorder HCC  
Other mast cell activation syndrome
- √5<sup>th</sup> D89.8 Other specified disorders involving the immune mechanism, not elsewhere classified
- √6<sup>th</sup> D89.81 Graft-versus-host disease HCC  
Code first underlying cause, such as:  
complications of blood transfusion (T80.89)  
complications of transplanted organs and tissue (T86.-)  
Use additional code to identify associated manifestations, such as:  
desquamative dermatitis (L30.8)  
diarrhea (R19.7)  
elevated bilirubin (R17)  
hair loss (L65.9)
- D89.810 Acute graft-versus-host disease CC UPD HCC
- D89.811 Chronic graft-versus-host disease CC UPD HCC

**Chapter 9. Diseases of the Circulatory System (I00-I99)**

**EXCLUDES 2** certain conditions originating in the perinatal period (P04-P96)  
 certain infectious and parasitic diseases (A00-B99)  
 complications of pregnancy, childbirth and the puerperium (O00-O9A)  
 congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)  
 endocrine, nutritional and metabolic diseases (E00-E88)  
 injury, poisoning and certain other consequences of external causes (S00-T88)  
 neoplasms (C00-D49)  
 symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R94)  
 systemic connective tissue disorders (M30-M36)  
 transient cerebral ischemic attacks and related syndromes (G45.-)

This chapter contains the following blocks:

I00-I02	Acute rheumatic fever
I05-I09	Chronic rheumatic heart diseases
I10-I1A	Hypertensive diseases
I20-I25	Ischemic heart diseases
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation
I30-I5A	Other forms of heart disease
I60-I69	Cerebrovascular diseases
I70-I79	Diseases of arteries, arterioles and capillaries
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified
I95-I99	Other and unspecified disorders of the circulatory system

**Acute rheumatic fever (I00-I02)**

**DEF:** Rheumatic fever: Inflammatory disease that can follow a throat infection by group A streptococci. Complications can involve the joints (arthritis), subcutaneous tissue (nodules), skin (erythema marginatum), heart (carditis), or brain (chorea).

**I00 Rheumatic fever without heart involvement**

**INCLUDES** arthritis, rheumatic, acute or subacute

**EXCLUDES 1** rheumatic fever with heart involvement (I01.0-I01.9)

**√4# I01 Rheumatic fever with heart involvement**

**EXCLUDES 1** chronic diseases of rheumatic origin (I05-I09) unless rheumatic fever is also present or there is evidence of reactivation or activity of the rheumatic process

**I01.0 Acute rheumatic pericarditis**

Any condition in I00 with pericarditis  
 Rheumatic pericarditis (acute)

**EXCLUDES 1** acute pericarditis not specified as rheumatic (I30.-)

**I01.1 Acute rheumatic endocarditis**

Any condition in I00 with endocarditis or valvulitis  
 Acute rheumatic valvulitis

**I01.2 Acute rheumatic myocarditis**

Any condition in I00 with myocarditis

**I01.8 Other acute rheumatic heart disease**

Any condition in I00 with other or multiple types of heart involvement  
 Acute rheumatic pancarditis

**I01.9 Acute rheumatic heart disease, unspecified**

Any condition in I00 with unspecified type of heart involvement  
 Rheumatic carditis, acute  
 Rheumatic heart disease, active or acute

**√4# I02 Rheumatic chorea**

**INCLUDES** Sydenham's chorea

**EXCLUDES 1** chorea NOS (G25.5)

Huntington's chorea (G10)

**I02.0 Rheumatic chorea with heart involvement**

Chorea NOS with heart involvement  
 Rheumatic chorea with heart involvement of any type classifiable under I01.-

**I02.9 Rheumatic chorea without heart involvement**

Rheumatic chorea NOS

**Chronic rheumatic heart diseases (I05-I09)****√4# I05 Rheumatic mitral valve diseases**

**INCLUDES** conditions classifiable to both I05.0 and I05.2-I05.9, whether specified as rheumatic or not

**EXCLUDES 1** mitral valve disease specified as nonrheumatic (I34.-)  
 mitral valve disease with aortic and/or tricuspid valve involvement (I08.-)

**I05.0 Rheumatic mitral stenosis**

Mitral (valve) obstruction (rheumatic)

**I05.1 Rheumatic mitral insufficiency**

Rheumatic mitral incompetence  
 Rheumatic mitral regurgitation

**EXCLUDES 1** mitral insufficiency not specified as rheumatic (I34.0)

**I05.2 Rheumatic mitral stenosis with insufficiency**

Rheumatic mitral stenosis with incompetence or regurgitation

**I05.8 Other rheumatic mitral valve diseases**

Rheumatic mitral (valve) failure

**I05.9 Rheumatic mitral valve disease, unspecified**

Rheumatic mitral (valve) disorder (chronic) NOS

**√4# I06 Rheumatic aortic valve diseases**

**EXCLUDES 1** aortic valve disease not specified as rheumatic (I35.-)  
 aortic valve disease with mitral and/or tricuspid valve involvement (I08.-)

**I06.0 Rheumatic aortic stenosis**

Rheumatic aortic (valve) obstruction

**I06.1 Rheumatic aortic insufficiency**

Rheumatic aortic incompetence  
 Rheumatic aortic regurgitation

**I06.2 Rheumatic aortic stenosis with insufficiency**

Rheumatic aortic stenosis with incompetence or regurgitation

**I06.8 Other rheumatic aortic valve diseases****I06.9 Rheumatic aortic valve disease, unspecified**

Rheumatic aortic (valve) disease NOS

**√4# I07 Rheumatic tricuspid valve diseases**

**INCLUDES** rheumatic tricuspid valve diseases specified as rheumatic or unspecified

**EXCLUDES 1** tricuspid valve disease specified as nonrheumatic (I36.-)  
 tricuspid valve disease with aortic and/or mitral valve involvement (I08.-)

**I07.0 Rheumatic tricuspid stenosis**

Tricuspid (valve) stenosis (rheumatic)

**I07.1 Rheumatic tricuspid insufficiency**

Tricuspid (valve) insufficiency (rheumatic)

**I07.2 Rheumatic tricuspid stenosis and insufficiency****I07.8 Other rheumatic tricuspid valve diseases****I07.9 Rheumatic tricuspid valve disease, unspecified**

Rheumatic tricuspid valve disorder NOS

**I08 Multiple valve diseases**

**√4# INCLUDES** multiple valve diseases specified as rheumatic or unspecified

**EXCLUDES 1** endocarditis, valve unspecified (I38)  
 multiple valve disease specified as nonrheumatic (I34.-, I35.-, I36.-, I37.-, I38.-, Q22.-, Q23.-, Q24.8-)  
 rheumatic valve disease NOS (I09.1)

**I08.0 Rheumatic disorders of both mitral and aortic valves**

Involvement of both mitral and aortic valves specified as rheumatic or unspecified

AHA: 2019,2Q,5

**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****√4# I09 Other rheumatic heart diseases****I09.0 Rheumatic myocarditis**

**EXCLUDES 1** myocarditis not specified as rheumatic (I51.4)

**I09.1 Rheumatic diseases of endocardium, valve unspecified**

Rheumatic endocarditis (chronic)

Rheumatic valvulitis (chronic)

**EXCLUDES 1** endocarditis, valve unspecified (I38)

**I09.2 Chronic rheumatic pericarditis**

Adherent pericardium, rheumatic  
 Chronic rheumatic mediastinopericarditis  
 Chronic rheumatic myopericarditis

**EXCLUDES 1** chronic pericarditis not specified as rheumatic (I31.-)

**√5# I09.8 Other specified rheumatic heart diseases****I09.81 Rheumatic heart failure**

Use additional code to identify type of heart failure (I50.-)

**I09.89 Other specified rheumatic heart diseases**

Rheumatic disease of pulmonary valve

**I09.9 Rheumatic heart disease, unspecified**

Rheumatic carditis

**EXCLUDES 1** rheumatoid carditis (M05.31)

- 009.892 Supervision of other high risk pregnancies, **second trimester** UPD M ♀
- 009.893 Supervision of other high risk pregnancies, **third trimester** UPD M ♀
- 009.899 Supervision of other high risk pregnancies, unspecified trimester UPD M ♀
- √5<sup>th</sup> 009.9 Supervision of high risk pregnancy, unspecified
  - 009.90 Supervision of high risk pregnancy, unspecified, unspecified trimester UPD M ♀
  - 009.91 Supervision of high risk pregnancy, unspecified, **first trimester** UPD M ♀
  - 009.92 Supervision of high risk pregnancy, unspecified, **second trimester** UPD M ♀
  - 009.93 Supervision of high risk pregnancy, unspecified, **third trimester** UPD M ♀

**Edema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (O10-O16)**

AHA: 2016,4Q,50

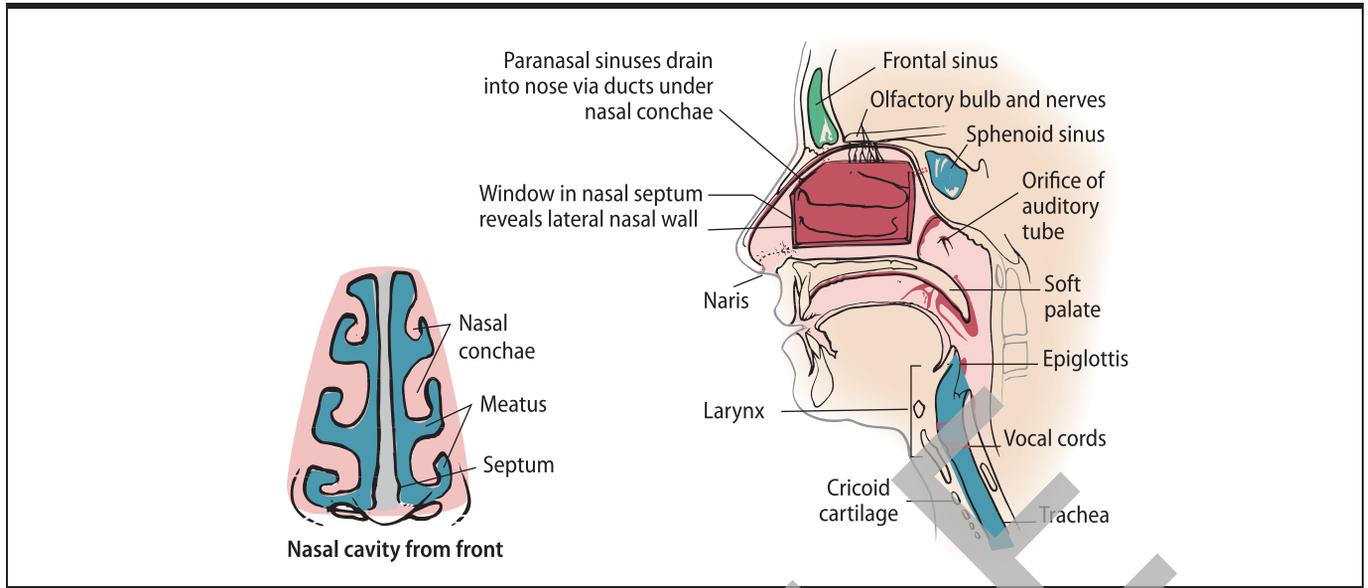
- √4<sup>th</sup> O10 **Pre-existing hypertension complicating pregnancy, childbirth and the puerperium**
  - INCLUDES** pre-existing hypertension with pre-existing proteinuria complicating pregnancy, childbirth and the puerperium
  - EXCLUDES 2** pre-existing hypertension with superimposed pre-eclampsia complicating pregnancy, childbirth and the puerperium (O11.-)
- √5<sup>th</sup> O10.0 **Pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium**
  - Any condition in I10 specified as a reason for obstetric care during pregnancy, childbirth or the puerperium
- √6<sup>th</sup> O10.01 **Pre-existing essential hypertension complicating pregnancy**
  - O10.011 Pre-existing essential hypertension complicating pregnancy, **first trimester** CC M ♀
  - O10.012 Pre-existing essential hypertension complicating pregnancy, **second trimester** CC M ♀
  - O10.013 Pre-existing essential hypertension complicating pregnancy, **third trimester** CC M ♀
  - O10.019 Pre-existing essential hypertension complicating pregnancy, unspecified trimester M ♀
- O10.02 Pre-existing essential hypertension complicating **childbirth** CC M ♀
- O10.03 Pre-existing essential hypertension complicating the **puerperium** M ♀
- √5<sup>th</sup> O10.1 **Pre-existing hypertensive heart disease complicating pregnancy, childbirth and the puerperium**
  - Any condition in I11 specified as a reason for obstetric care during pregnancy, childbirth or the puerperium
  - Use additional code from I11 to identify the type of hypertensive heart disease
- √6<sup>th</sup> O10.11 **Pre-existing hypertensive heart disease complicating pregnancy**
  - O10.111 Pre-existing hypertensive heart disease complicating pregnancy, **first trimester** M ♀
  - O10.112 Pre-existing hypertensive heart disease complicating pregnancy, **second trimester** M ♀
  - O10.113 Pre-existing hypertensive heart disease complicating pregnancy, **third trimester** M ♀
  - O10.119 Pre-existing hypertensive heart disease complicating pregnancy, unspecified trimester M ♀
- O10.12 Pre-existing hypertensive heart disease complicating **childbirth** M ♀
- O10.13 Pre-existing hypertensive heart disease complicating the **puerperium** M ♀

- √5<sup>th</sup> O10.2 **Pre-existing hypertensive chronic kidney disease complicating pregnancy, childbirth and the puerperium**
  - Any condition in I12 specified as a reason for obstetric care during pregnancy, childbirth or the puerperium
  - Use additional code from I12 to identify the type of hypertensive chronic kidney disease
- √6<sup>th</sup> O10.21 **Pre-existing hypertensive chronic kidney disease complicating pregnancy**
  - O10.211 Pre-existing hypertensive chronic kidney disease complicating pregnancy, **first trimester** M ♀
  - O10.212 Pre-existing hypertensive chronic kidney disease complicating pregnancy, **second trimester** M ♀
  - O10.213 Pre-existing hypertensive chronic kidney disease complicating pregnancy, **third trimester** M ♀
  - O10.219 Pre-existing hypertensive chronic kidney disease complicating pregnancy, unspecified trimester M ♀
- O10.22 Pre-existing hypertensive chronic kidney disease complicating **childbirth** M ♀
- O10.23 Pre-existing hypertensive chronic kidney disease complicating the **puerperium** M ♀
- √5<sup>th</sup> O10.3 **Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, childbirth and the puerperium**
  - Any condition in I13 specified as a reason for obstetric care during pregnancy, childbirth or the puerperium
  - Use additional code from I13 to identify the type of hypertensive heart and chronic kidney disease
- √6<sup>th</sup> O10.31 **Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy**
  - O10.311 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, **first trimester** M ♀
  - O10.312 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, **second trimester** M ♀
  - O10.313 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, **third trimester** M ♀
  - O10.319 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, unspecified trimester M ♀
- O10.32 Pre-existing hypertensive heart and chronic kidney disease complicating **childbirth** M ♀
- O10.33 Pre-existing hypertensive heart and chronic kidney disease complicating the **puerperium** M ♀
- √5<sup>th</sup> O10.4 **Pre-existing secondary hypertension complicating pregnancy, childbirth and the puerperium**
  - Any condition in I15 specified as a reason for obstetric care during pregnancy, childbirth or the puerperium
  - Use additional code from I15 to identify the type of secondary hypertension
- √6<sup>th</sup> O10.41 **Pre-existing secondary hypertension complicating pregnancy**
  - O10.411 Pre-existing secondary hypertension complicating pregnancy, **first trimester** CC M ♀
  - O10.412 Pre-existing secondary hypertension complicating pregnancy, **second trimester** CC M ♀
  - O10.413 Pre-existing secondary hypertension complicating pregnancy, **third trimester** CC M ♀
  - O10.419 Pre-existing secondary hypertension complicating pregnancy, unspecified trimester M ♀
- O10.42 Pre-existing secondary hypertension complicating **childbirth** MCC M ♀
- O10.43 Pre-existing secondary hypertension complicating the **puerperium** CC M ♀
- √5<sup>th</sup> O10.9 **Unspecified pre-existing hypertension complicating pregnancy, childbirth and the puerperium**
- √6<sup>th</sup> O10.91 **Unspecified pre-existing hypertension complicating pregnancy**
  - O10.911 Unspecified pre-existing hypertension complicating pregnancy, **first trimester** CC M ♀
  - O10.912 Unspecified pre-existing hypertension complicating pregnancy, **second trimester** CC M ♀

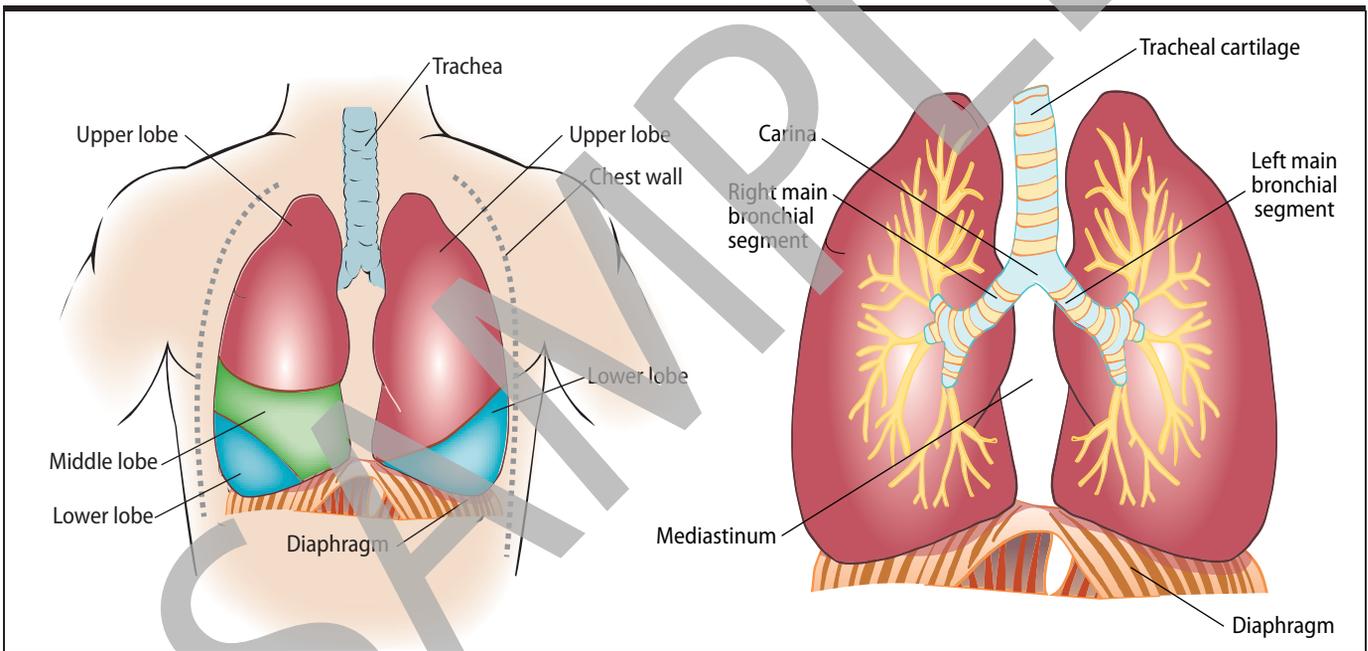
- √6th** T83.09 **Other mechanical complication of urinary catheter**  
Obstruction (mechanical) of urinary catheter  
Perforation of urinary catheter  
Protrusion of urinary catheter
- √7th** T83.090 **Other mechanical complication of cystostomy catheter** **CC HCC**
- √7th** T83.091 **Other mechanical complication of indwelling urethral catheter** **HCC**
- √7th** T83.092 **Other mechanical complication of nephrostomy catheter** **HCC**
- √7th** T83.098 **Other mechanical complication of other urinary catheter** **HCC**  
Other mechanical complication of Hopkins catheter  
Other mechanical complication of ileostomy catheter  
Other mechanical complication of urostomy catheter
- √5th** T83.1 **Mechanical complication of other urinary devices and implants**
- √6th** T83.11 **Breakdown (mechanical) of other urinary devices and implants**
- √7th** T83.110 **Breakdown (mechanical) of urinary electronic stimulator device** **CC HCC**  
**EXCLUDES 2** *breakdown (mechanical) of electrode (lead) for sacral nerve neurostimulator (T85.111)*  
*breakdown (mechanical) of implanted electronic sacral neurostimulator, pulse generator or receiver (T85.113)*
- √7th** T83.111 **Breakdown (mechanical) of implanted urinary sphincter** **CC HCC**
- √7th** T83.112 **Breakdown (mechanical) of indwelling ureteral stent** **CC HCC**
- √7th** T83.113 **Breakdown (mechanical) of other urinary stents** **CC HCC**  
Breakdown (mechanical) of ileal conduit stent  
Breakdown (mechanical) of nephroureteral stent
- √7th** T83.118 **Breakdown (mechanical) of other urinary devices and implants** **CC HCC**
- √6th** T83.12 **Displacement of other urinary devices and implants**  
Malposition of other urinary devices and implants
- √7th** T83.120 **Displacement of urinary electronic stimulator device** **CC HCC**  
**EXCLUDES 2** *displacement of electrode (lead) for sacral nerve neurostimulator (T85.121)*  
*displacement of implanted electronic sacral neurostimulator, pulse generator or receiver (T85.123)*
- √7th** T83.121 **Displacement of implanted urinary sphincter** **CC HCC**
- √7th** T83.122 **Displacement of indwelling ureteral stent** **CC HCC**
- √7th** T83.123 **Displacement of other urinary stents** **CC HCC**  
Displacement of ileal conduit stent  
Displacement of nephroureteral stent
- √7th** T83.128 **Displacement of other urinary devices and implants** **CC HCC**

- √6th** T83.19 **Other mechanical complication of other urinary devices and implants**  
Leakage of other urinary devices and implants  
Obstruction (mechanical) of other urinary devices and implants  
Perforation of other urinary devices and implants  
Protrusion of other urinary devices and implants
- √7th** T83.190 **Other mechanical complication of urinary electronic stimulator device** **CC HCC**  
**EXCLUDES 2** *other mechanical complication of electrode (lead) for sacral nerve neurostimulator (T85.191)*  
*other mechanical complication of implanted electronic sacral neurostimulator, pulse generator or receiver (T85.193)*
- √7th** T83.191 **Other mechanical complication of implanted urinary sphincter** **CC HCC**
- √7th** T83.192 **Other mechanical complication of indwelling ureteral stent** **CC HCC**
- √7th** T83.193 **Other mechanical complication of other urinary stent** **CC HCC**  
Other mechanical complication of ileal conduit stent  
Other mechanical complication of nephroureteral stent
- √7th** T83.198 **Other mechanical complication of other urinary devices and implants** **CC HCC**
- √5th** T83.2 **Mechanical complication of graft of urinary organ**
- √x7th** T83.21 **Breakdown (mechanical) of graft of urinary organ** **CC HCC**
- √x7th** T83.22 **Displacement of graft of urinary organ** **CC HCC**  
Malposition of graft of urinary organ
- √x7th** T83.23 **Leakage of graft of urinary organ** **CC HCC**
- √x7th** T83.24 **Erosion of graft of urinary organ** **CC HCC**
- √x7th** T83.25 **Exposure of graft of urinary organ** **CC HCC**
- √x7th** T83.29 **Other mechanical complication of graft of urinary organ** **CC HCC**  
Obstruction (mechanical) of graft of urinary organ  
Perforation of graft of urinary organ  
Protrusion of graft of urinary organ
- √5th** T83.3 **Mechanical complication of intrauterine contraceptive device**
- √x7th** T83.31 **Breakdown (mechanical) of intrauterine contraceptive device** ♀
- √x7th** T83.32 **Displacement of intrauterine contraceptive device** ♀  
Malposition of intrauterine contraceptive device  
Missing string of intrauterine contraceptive device  
**AHA: 2018,1Q,5**
- √x7th** T83.39 **Other mechanical complication of intrauterine contraceptive device** ♀  
Leakage of intrauterine contraceptive device  
Obstruction (mechanical) of intrauterine contraceptive device  
Perforation of intrauterine contraceptive device  
Protrusion of intrauterine contraceptive device
- √5th** T83.4 **Mechanical complication of other prosthetic devices, implants and grafts of genital tract**
- √6th** T83.41 **Breakdown (mechanical) of other prosthetic devices, implants and grafts of genital tract**
- √7th** T83.410 **Breakdown (mechanical) of implanted penile prosthesis** **CC HCC** ♂  
Breakdown (mechanical) of penile prosthesis cylinder  
Breakdown (mechanical) of penile prosthesis pump  
Breakdown (mechanical) of penile prosthesis reservoir
- √7th** T83.411 **Breakdown (mechanical) of implanted testicular prosthesis** **CC HCC**
- √7th** T83.418 **Breakdown (mechanical) of other prosthetic devices, implants and grafts of genital tract** **CC HCC**

### Upper Respiratory System



### Lower Respiratory System



### Paranasal Sinuses

