Chapter I
Certain infectious and parasitic diseases
(A00-B99)

**Incl.**

- diseases generally recognized as communicable or transmissible

*Use additional code (U80-U89), (U82-U84), if desired, to identify the antibiotic to which a bacterial agent is resistant, resistance to antimicrobial drugs.*

**Excl.**

- carrier or suspected carrier of infectious disease (Z22.-)
- certain localized infections - see body system-related chapters
- infectious and parasitic diseases complicating pregnancy, childbirth and the puerperium [except obstetrical tetanus] (O98.-)
- infectious and parasitic diseases specific to the perinatal period [except tetanus neonatorum, congenital syphilis, perinatal gonococcal infection and perinatal human immunodeficiency virus [HIV] disease] (P35-P39)
- influenza and other acute respiratory infections (J00-J22)

**Intestinal infectious diseases**
(A00-A09)

**A05 Other bacterial foodborne intoxications, not elsewhere classified**

**Excl.**

- *Clostridium difficile foodborne intoxication and infection (A04.7)*
- Escherichia coli infection (A04.0-A04.4)
- listeriosis (A32.-)
- salmonella foodborne intoxication and infection (A02.-)
- toxic effect of noxious foodstuffs (T61-T62)

**Other bacterial diseases**
(A30-A49)

**A40 Streptococcal sepsis**

*Use additional code (R57.2) if desired, to identify septic shock.*

**Excl.**

- during labour (O75.3)
- following:
- abortion or ectopic or molar pregnancy (O03-O07, O08.0)
- immunization (T88.0)
- infusion, transfusion or therapeutic injection (T80.2)

neonatal (P36.0-P36.1)
postprocedural (T81.4)
puerperal (O85)

**A41 Other sepsis**

*Use additional code (R57.2) if desired, to identify septic shock.*

**Excl.:**
bacteraemia NOS (A49.9)
during labour (O75.3)
following:

- abortion or ectopic or molar pregnancy (O03-O07, O08.0)
- immunization (T88.0)
- infusion, transfusion or therapeutic injection (T80.2)

sepsis (due to)(in):

- actinomycotic (A42.7)
- anthrax (A22.7)
- candidal (B37.7)
- Erysipelothrix (A26.7)
- extraintestinal yersiniosis (A28.2)
- gonococcal (A54.8)
- herpesviral (B00.7)
- listerial (A32.7)
- meningococcal (A39.2-A39.4)
- neonatal (P36.-)
- postprocedural (T81.4)
- puerperal (O85)
- streptococcal (A40.-)
- tularaemia (A21.7)

septic:

- melioidosis (A24.1)
- plague (A20.7)

toxic shock syndrome (A48.3)
A41.9 Sepsis, unspecified

Note

Use additional code (R57.2) if desired to identify septic shock

Incl.:

Septic shock
Septicaemia

Viral infections characterized by skin and mucous membrane lesions (B00-B09)

B00 Herpesviral [herpes simplex] infections

B00.8 Other forms of herpesviral infection

Incl.:

Herpesviral:

- hepatitis† (K77.0*)
- whitlow† (L99.8*)

Viral hepatitis (B15-B19)

B17 Other acute viral hepatitis

B17.9 Acute viral hepatitis, unspecified

Incl.:

Acute hepatitis, NOS

Acute infectious hepatitis NOS

Helminthiases (B65-B83)

B71 Other cestode infections

B71.1 Dipyllidiasis

Incl.:

Dog tapeworm (infection)
Chapter II
Neoplasms (C00-D48)

Malignant neoplasms (C00-C97)

Use additional code (U85), if desired, to identify resistance, non-responsiveness and refractive properties of the neoplasm to antineoplastic drugs.

Malignant neoplasms, stated or presumed to be primary, of specified sites, except of lymphoid, haematopoietic and related tissue (C00-C75)

Malignant neoplasms of digestive organs (C15-C26)

C26 Malignant neoplasm of other and ill-defined digestive organs

C26.1 Spleen

Excl.:

diffuse non-Hodgkin lymphoma (C83.-)
follicular lymphoma (C82.-)
follicular Hodgkin lymphoma (C82.-)
Hodgkin disease (C81.-)
mature T/NK-cell lymphomas (C84.-)
mature T/NK-cell lymphomas (C84.-) non-follicular lymphoma (C83.-)
non-Hodgkin lymphoma, other and unspecified types (C85.-)

Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)

C69 Malignant neoplasm of eye and adnexa

C69.4 Ciliary body

Incl.:

Eyeball

C69.9 Eye, unspecified

Incl.:

Eyeball
Malignant neoplasms of ill-defined, secondary and unspecified sites (C76-C80)

C76 Secondary malignant neoplasm of other and unspecified sites

C79.9 Secondary malignant neoplasm, unspecified site
   Incl.:
   Carcinomatosis (secondary)
   Disseminated (secondary):
   - cancer NOS
   - malignancy NOS

   Generalized (secondary):
   - cancer NOS
   - malignancy NOS

   Multiple secondary cancer NOS
   Sarcomatosis (secondary)

C80 Malignant neoplasm, without specification of site

C80.9 Malignant neoplasm, primary site unspecified
   Incl.:
   Cancer NOS
   Carcinoma NOS
   Malignancy NOS
   Malignant cachexia NOS
   Multiple cancer NOS

   Excl.:
   multiple secondary cancer NOS (C79.9)
   secondary malignant neoplasm, unspecified site (C79.9)

Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue (C81-C96)

C81 Hodgkin lymphoma

C81.1 Nodular sclerosis (classical) Hodgkin lymphoma
C81.2 Mixed cellularity classical Hodgkin lymphoma

C81.3 Lymphocyte depleted (classical) classical Hodgkin lymphoma

C81.4 Lymphocyte-rich (classical) classical Hodgkin lymphoma
   Excl.:
   nodular lymphocyte predominant Hodgkin lymphoma (C81.0)

C81.7 Other (classical) classical Hodgkin lymphoma
   Incl.:
   Classic Hodgkin lymphoma, type not specified

C82 Follicular lymphoma
   Incl.:
   follicular lymphoma with or without diffuse areas
   Excl.:
   mature T/NK-cell non-Hodgkin lymphoma (C84.-)

C83 Non-follicular lymphoma

C83.0 Small cell B-cell lymphoma
   Incl.:
   Lymphoplasmacytic lymphoma
   Nodal marginal zone lymphoma
   Non-leukaemic variant of B-CLL
   Splenic marginal zone lymphoma
   Excl.:
   Chronic lymphocytic leukaemia (C91.1)
   Waldenström macroglobulinaemia (C88.0)
   mature T/NK-cell lymphomas (C84.-)

C83.3 Diffuse large B-cell lymphoma
   Incl.:
   • Anaplastic
   • CD30-positive
   • Centroblastic
   • Plasmablastic
   • Immunoblastic
   • Subtype not specified
   • T-cell rich
   Excl.:
   diffuse large B-cell lymphoma
mediastinal (thymic) large B-cell lymphoma (C85.2)

**mature T/NK-cell lymphomas (C84.-)**

### C83.5 Lymphoblastic (diffuse) lymphoma

Incl.:
- B-cell precursor lymphoma
- Lymphoblastic B-cell lymphoma
- Lymphoblastic lymphoma NOS
- Lymphoblastic T-cell lymphoma
- T-cell precursor lymphoma

### C84 Mature T/NK-cell lymphomas

### C84.4 Peripheral T-cell lymphoma, not elsewhere classified

Incl.:
- Lennert’s lymphoma
- Lymphoepithelioid lymphoma

### C86 Other specified types of T/NK-cell lymphoma

#### C86.1 Hepatosplenic T-cell lymphoma

**Excl.**
- Alpha-beta and gamma-delta types (C86.6)

Incl.:
- Alpha-beta and gamma-delta types

#### C86.5 Angioimmunoblastic T-cell lymphoma

Incl.:
- Angioimmunoblastic lymphadenopathy with dysproteinemia (AILD) [AILD]

#### C86.6 Primary cutaneous CD30-positive T-cell proliferations

Incl.:
- Lymphomatoid papulosis
- Primary cutaneous anaplastic large-cell lymphoma
- Primary cutaneous CD30+ large T-cell CD30-positive large T-cell lymphoma

### C90 Multiple myeloma and malignant plasma cell neoplasms

#### C90.0 Multiple myeloma

Incl.:
- Kahler disease
- Medullary plasmacytoma
- Myelomatosis
Plasma cell myeloma

Medullary plasmacytoma

Excl.:
solitary plasmacytoma (C90.3)

C91 Lymphoid leukaemia

C91.5 Adult T-cell lymphoma/leukaemia (HTLV-1-associated)

lymphoma/leukaemia [HTLV-1-associated]

Incl.:

• Acute
• Chronic
• Lymphomatoid
• Smouldering

variant of adult T-cell lymphoma/leukaemia

C91.7 Other lymphoid leukaemia

Incl.:

T-cell large granular lymphocytic leukaemia (associated with rheumatoid arthritis)

C92 Myeloid leukaemia

C92.1 Chronic myeloid leukaemia [CML], BCR/ABL-positive

Incl.:

Chronic myelogenous leukaemia:

• Philadelphia chromosome (Ph1) positive
• t(9;22)(q34; q11)
• with crisis of blast cells

Chronic myelogenous leukaemia, Philadelphia chromosome (Ph1)-positive

Chronic myelogenous leukaemia, t(9;22)(q34; q11)

Chronic myelogenous leukaemia with crisis of blast cells

Excl.:

atypical chronic myeloid leukaemia, BCR/ABL-negative (C92.2)

chronic myelomonocytic leukaemia (C93.1)

unclassified myeloproliferative disease (D47.1)

C96 Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue

C96.2 Malignant mast cell tumour
Incl.:
Aggressive systemic mastocytosis
Mast cell sarcoma

Excl.:
indolent mastocytosis (D47.0)
mast cell leukaemia (C94.3)
mastocytosis (congenital) mastocytosis (cutaneous) (Q82.2)

Benign neoplasms
(D10-D36)

D16 Benign neoplasm of bone and articular cartilage

Incl.:
Keratocystic odontogenic tumour

Excl.:
connective tissue of:

- ear (D21.0)
- eyelid (D21.0)
- larynx (D14.1)
- nose (D14.0)
- synovia (D21.-)

D31 Benign neoplasm of eye and adnexa

D31.4 Ciliary body

Incl.:
Eyeball

D31.9 Eye, unspecified

Incl.:
Eyeball

Neoplasms of uncertain or unknown behaviour
(D37-D48)

D46 Myelodysplastic syndromes

Incl.:
Alkylating agent related myelodysplastic syndrome
Epipodophyllotoxin related myelodysplastic syndrome
Therapy related myelodysplastic syndrome NOS

Excl.:
drug induced aplastic anaemia (D61.1)

D46.0 Refractory anaemia without ringed sideroblasts, so stated

Note:
without sideroblasts, without excess of blasts

D46.1 Refractory anaemia with ringed sideroblasts

D47 Other neoplasms of uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue

D47.0 Histiocytic and mast cell tumours of uncertain and unknown behaviour

Incl.:
Indolent systemic mastocytosis
Mast cell tumour NOS
Mastocytoma NOS
Systemic mastocytosis, associated with clonal haematopoietic non-mast-cell disease (SM-AHNMD)

Excl.:
mastocytosis (congenital) mastocytosis (cutaneous) (Q82.2)

D47.1 Chronic myeloproliferative disease

Incl.:
Chronic neutrophilic leukaemia
Myeloproliferative disease, unspecified

Excl.:
atypical chronic myeloid leukaemia, BCR/ABL-negative (C92.2)
chronic myeloid leukaemia [CML] BCR/ABL-positive (C92.1)

Chapter III
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)

Other diseases of blood and blood-forming organs (D70-D77)

D76 Other specified diseases with participation of lymphoreticular and reticulohistiocytic tissue

Excl.:
(Abt-)Letterer-Siwe disease (C96.0)
eosinophilic granuloma (C96.6)
Hand-Schüller-Christian disease (C96.5)
histiocytic sarcoma (C96.8)
histiocytosis X, multifocal (C96.5)
histiocytosis X, unifocal (C96.6)
Langerhans-cell histiocytosis, multifocal (C96.5)
Langerhans-cell histiocytosis, unifocal (C96.6)
malignant histiocytosis (C96.8)
reticuloendotheliosis or reticulosis:

- histiocytic medullary (C96.9)-leukaemic (C91.4)
- leukaemic (C91.4)-nonlipid (C96.0)

reticulosis:

- lipomelanotic (I89.8)histiocytic medullary (C96.8)
- malignant (C85.7)-lipomelanotic (I89.8)
- nonlipid (C96.0)malignant NOS (C86.0)

Certain disorders involving the immune mechanism
(D80-D89)

Other disorders involving the immune mechanism, not elsewhere classified

Excl.:

hyperglobulinaemia NOS (R77.1)
monoclonal gammopathy of undetermined significance [MGUS] (MGUS) (D47.2)
transplant failure and rejection (T86.-)

D89.3 Immune reconstitution syndrome

Incl.:

Immune reconstitution inflammatory syndrome [IRIS]
Use additional external cause code (Chapter XX), if desired, to identify drug.

Chapter IV
Endocrine, nutritional and metabolic diseases
(E00-E90)

Diabetes mellitus
(E10-E14)
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Modifiers
The following fourth-character subdivisions are for use with categories E10-E14:

.0 With coma
Incl.:
  Diabetic:
    • coma with or without ketoacidosis
    • hyperosmolar coma
    • hypoglycaemic coma

Hyperglycaemic coma NOS

.1 With ketoacidosis
.2† With renal complications
.3† With ophthalmic complications
.4† With neurological complications
.5 With peripheral circulatory complications
.6 With other specified complications
.7 With multiple complications
.8 With unspecified complications
.9 Without complications

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E10 Insulin-dependent diabetes Type 1 diabetes mellitus

[See before E10 for subdivisions]

Incl.:
diabetes (mellitus):

  • brittle
  • juvenile-onset
  • ketosis-prone
  • type I

Excl.:
diabetes mellitus (in):

  • malnutrition-related (E12.-)
  • neonatal (P70.2)
  • pregnancy, childbirth and the puerperium (O24.-)
glycosuria:

- NOS (R81)
- renal (E74.8)

impaired glucose tolerance (R73.0)
post-surgical hypoinsulinaemia (E89.1)

Modifiers

### E11 Non-insulin-dependent diabetes Type 2 diabetes mellitus

[See before E10 for subdivisions]

**Incl.**
diabetes (mellitus)(nonobese)(obese):

- adult-onset
- maturity-onset
- nonketotic
- stable
- type II

non-insulin-dependent diabetes of the young

**Excl.**
diabetes mellitus (in):

- malnutrition-related (E12.-)
- neonatal (P70.2)
- pregnancy, childbirth and the puerperium (O24.-)

glycosuria:

- NOS (R81)
- renal (E74.8)

impaired glucose tolerance (R73.0)
post-surgical hypoinsulinaemia (E89.1)

Modifiers

### E12 Malnutrition-related diabetes mellitus

[See before E10 for subdivisions]

**Incl.**
malnutrition-related diabetes mellitus: 
• insulin-dependent \textit{type 1}
• non-insulin-dependent \textit{type 2}

\textit{Excl.}:
diabetes mellitus in pregnancy, childbirth and the puerperium (O24.-)
glycosuria:

• NOS (R81)
• renal (E74.8)

impaired glucose tolerance (R73.0)
neonatal diabetes mellitus (P70.2)
postsurgical hypoinsulinaemia (E89.1)

Modifiers

\textbf{E13} \textit{Other specified diabetes mellitus}

[See before E10 for subdivisions]

\textit{Excl.}:
diabetes mellitus (in):

• insulin-dependent (E10.-) malnutrition-related (E12.-)
• malnutrition-related (E12.-) neonatal (P70.2)
• neonatal (P70.2) pregnancy, childbirth and the puerperium (O24.-)
• non-insulin-dependent (E11.-) type 1 (E10.-)
• pregnancy, childbirth and the puerperium (O24.-) type 2 (E11.-)

glycosuria:

• NOS (R81)
• renal (E74.8)

impaired glucose tolerance (R73.0)
postsurgical hypoinsulinaemia (E89.1)

Modifiers

\textbf{E14} \textit{Unspecified diabetes mellitus}

[See before E10 for subdivisions]

\textit{Incl.}:
diabetes NOS

\textit{Excl.}:
diabetes mellitus (in):

- insulin-dependent (E10.-)
- malnutrition-related (E12.-)
- malnutrition-related (E12.-) neonatal (P70.2)
- neonatal (P70.2) pregnancy, childbirth and the puerperium (O24.-)
- non-insulin-dependent (E11.-) Type 1 (E10.-)
- pregnancy, childbirth and the puerperium (O24.-) Type 2 (E11.-)

glycosuria:

- NOS (R81)
- renal (E74.8)

impaired glucose tolerance (R73.0)
postsurgical hypoinsulinaemia (E89.1)

Modifiers

Metabolic disorders
(E70–E90)

E84 Cystic fibrosis

E84.1 Cystic fibrosis with intestinal manifestations
Incl.:
Distal intestinal obstruction syndrome
Meconium ileus in cystic fibrosis† (P75*)

Excl.:
meconium obstruction (ileus) in cases where cystic fibrosis is known not to be present (P76.0)

E84.8 Cystic fibrosis with other manifestations

Incl.:
Cystic fibrosis with combined manifestations

Chapter VI
Diseases of the nervous system
(G00–G99)

Inflammatory diseases of the central nervous system
(G00–G09)
**G04** Encephalitis, myelitis and encephalomyelitis

**G04.8** Other encephalitis, myelitis and encephalomyelitis

Incl.:
Postinfectious encephalitis and encephalomyelitis NOS

Use additional code, if desired, to identify any associated epileptic seizures (G40.-).

**G09** Sequelae of inflammatory diseases of central nervous system

**Note:**
Category G09 is to be used to indicate conditions whose primary classification is to G00-G08 (i.e. excluding those marked with an asterisk (*)) as the cause of sequelae, themselves classifiable elsewhere. The "sequelae" include conditions specified as such or as late effects, or those present one year or more after onset of the causal condition. For use of this category reference should be made to the relevant morbidity and mortality coding rules and guidelines in Volume 2.

Not to be used for chronic inflammatory diseases of the central nervous system. Code these to current inflammatory diseases of the central nervous system.

**Extrapyramidal and movement disorders**
*(G20-G26)*

**G23** Other degenerative diseases of basal ganglia

**G23.1** Progressive supranuclear ophthalmoplegia [Steele-Richardson-Olszewski]

Incl.:
Progressive supranuclear palsy

**G25** Other extrapyramidal and movement disorders

**G25.8** Other specified extrapyramidal and movement disorders

Incl.:
Akathisia (drug-induced) (treatment-induced)
Restless legs syndrome
Stiff-man syndrome

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced

**Chapter VIII**
**Diseases of the ear and mastoid process**
*(H60-H95)*
Diseases of middle ear and mastoid
(H65-H75)

H65 Nonsuppurative otitis media

Incl.: with myringitis

Use additional code (H72), (H72.-), if desired, to identify presence of perforated tympanic membrane.

H66 Suppurative and unspecified otitis media

Incl.: with myringitis

Use additional code (H72), (H72.-), if desired, to identify presence of perforated tympanic membrane.

Chapter IX
Diseases of the circulatory system
(I00-I99)

Chronic rheumatic heart diseases
(I05-I09)

I05 Rheumatic mitral valve diseases

Incl.: conditions classifiable to I05.0 and I05.2-I05.9, whether specified as rheumatic or not

Excl.: when specified as nonrheumatic (I34.-)

Ischaemic heart diseases
(I20-I25)

Note: For morbidity, duration as used in categories I21, I22, I24 and I25 refer to the interval elapsing between onset of the ischaemic episode and admission to care. For mortality, duration refers to the interval elapsing between onset and death.

Incl.: with mention of hypertension (I10-I15)
Use additional code, if desired, to identify presence of hypertension.

**I20 Angina pectoris**

**I20.8 Other forms of angina pectoris**

Incl.:
- Angina of effort
- **Coronary slow flow syndrome**
- Stenocardia

**I22 Subsequent myocardial infarction**

**Note:**
For morbidity coding, this category should be assigned for infarction of any myocardial site, occurring within 4 weeks (28 days) from onset of a previous infarction

Incl.:
- myocardial infarction:
  - extension
  - recurrent
  - reinfarction

For morbidity coding, this category should be assigned for infarction of any myocardial site, occurring within 4 weeks (28 days) from onset of a previous infarction

Excl.:
- specified as chronic or with a stated duration of more than 4 weeks (more than 28 days) from onset (I25.8)

**Other forms of heart disease**

**(I30-I52)**

**I41 Myocarditis in diseases classified elsewhere**

**I41.1 Myocarditis in viral diseases classified elsewhere**

Incl.:
- Influenzal myocarditis (acute) (J09†, J10.8†, J11.8†)
  - avian-influenza-virus-identified (J09†)
  - other-virus-identified (J10.8†)
  - virus-not-identified (J11.8†)

Mumps myocarditis (B26.8†)
I47 Paroxysmal tachycardia

I47.1 Supraventricular tachycardia
   Incl.: Paroxysmal Tachycardia (paroxysmal):
   - atrial
   - atrioventricular [AV]:
     - NOS
     - re-entrant (nodal) [AVNRT] [AVRT]
   - junctional
   - nodal

I48 Atrial fibrillation and flutter

I48.0 Paroxysmal atrial fibrillation

I48.1 Persistent atrial fibrillation

I48.2 Chronic atrial fibrillation

I48.3 Typical atrial flutter
   Incl.: Type I atrial flutter

I48.4 Atypical atrial flutter
   Incl.: Type II atrial flutter

I48.9 Atrial fibrillation and atrial flutter, unspecified

Diseases of arteries, arterioles and capillaries (I70-I79)

I70 Atherosclerosis
   Incl.: arteriolosclerosis
   arteriosclerosis
   arteriosclerotic vascular disease
   atheroma
degeneration:
   - arterial
   - arteriovascular
vascular

endarteritis deformans or obliterans senile:

- arteritis
- endarteritis

_Excl._:

- cerebral (I67.2)
- coronary (I25.1)
- mesenteric (K55.1)
- pulmonary (I27.0)

Modifers

The following supplementary classification to indicate the presence or absence of gangrene is provided for optional use with appropriate subcategories in I70.

- **0** without gangrene
- **1** with gangrene

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**I72** Other aneurysm and dissection

**I72.6** Aneurysm and dissection of vertebral artery

Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified (I80-I89)

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**I84** Haemorrhoids

_Incl._:

- piles
- varicose veins of anus and rectum

_Excl._:

complicating:

- childbirth and the puerperium (O87.2)
- pregnancy (O22.4)

**I84.0** Internal thrombosed haemorrhoids

**I84.1** Internal haemorrhoids with other complications

_Incl._:

Internal haemorrhoids:
• bleeding
• prolapsed
• strangulated
• ulcerated

I84.2 Internal haemorrhoids without complication
  Incl.:
  Internal haemorrhoids NOS

I84.3 External thrombosed haemorrhoids
  Incl.:
  Perianal haematoma (nontraumatic)
  Perianal thrombosis

I84.4 External haemorrhoids with other complications
  Incl.:
  External haemorrhoids:
  • bleeding
  • prolapsed
  • strangulated
  • ulcerated

I84.5 External haemorrhoids without complication
  Incl.:
  External haemorrhoids NOS

I84.6 Residual haemorrhoidal skin tags
  Incl.:
  Skin tags of anus or rectum

I84.7 Unspecified thrombosed haemorrhoids
  Incl.:
  Thrombosed haemorrhoids, unspecified whether internal or external

I84.8 Unspecified haemorrhoids with other complications
  Incl.:
  Haemorrhoids, unspecified whether internal or external:
  • bleeding
  • prolapsed
  • strangulated
  • ulcerated

I84.9 Unspecified haemorrhoids without complication
Chapter X
Diseases of the respiratory system (J00-J99)

Other diseases of the respiratory system (J95-J99)

J96 Respiratory failure, not elsewhere classified

Excl.:
- cardiorespiratory failure (R09.2)
- postprocedural respiratory failure (J95.-)
- respiratory:
  - arrest (R09.2)
  - distress:
    - syndrome of adult (J80)
    - in newborn (P22.-)

Modifiers
The following supplementary subclassification is provided for optional use with subcategories in J96.-:

  0 Type I [hypoxic]
  1 Type II [hypercapnic]
  9 Type unspecified

Chapter XI
Diseases of the digestive system (K00-K93)

Diseases of oral cavity, salivary glands and jaws (K00-K14)

K02 Dental caries

K02.5 Caries with pulp exposure
K08 Other disorders of teeth and supporting structures

K08.8 Other specified disorders of teeth and supporting structures

Incl.:
- Alveolar (process) cleft
- Enlargement of alveolar ridge NOS
- Irregular alveolar process
- Toothache NOS

K09 Cysts of oral region, not elsewhere classified

K09.1 Developmental (nonodontogenic) cysts of oral region

Incl.:
Cyst (of):
- globulomaxillary nasolabial [nasoalveolar]
- nasopalatine duct [incisive canal]
- median palatal
- nasopalatine
- palatine-papilla

K09.8 Other cysts of oral region, not elsewhere classified

Incl.:
- Dermoid cyst
- Epidermoid cyst
- Lymphoepithelial cyst

- Epstein pearl
  - Nasoalveolar cyst
  - Nasolabial cyst

K10 Other diseases of jaws

K10.2 Inflammatory conditions of jaws

Incl.:
- Osteitis
- Osteomyelitis (neonatal)
- Osteoradionecrosis Osteonecrosis (drug-induced) (radiation-induced)
- Periostitis

- of jaw
  - (acute) (chronic) (suppurative)
Sequestrum of jaw bone

Use additional external cause code (Chapter XX), if desired, to identify radiation, if radiation-induced, or to identify drug, if drug-induced.

**K12 Stomatitis and related lesions**

**K12.3 Oral mucositis (ulcerative)**

**Incl.:**

Mucositis(oral) (oropharyngeal):

- NOS
- drug-induced
- radiation induced
- viral

Use additional external cause code (Chapter XX), if desired, to identify external agent

**Excl.:**

mucositis (ulcerative) of:

- nose and nasal sinuses (J34.8)
- vagina and vulva (N76.8)
- gastrointestinal tract (except oral cavity and oropharynx) (K92.8)

**Diseases of oesophagus, stomach and duodenum (K20-K31)**

Modifiers

**K30 Functional dyspepsia**

**Incl.:**

Indigestion

**Excl.:**

dyspepsia:

- nervous (F45.3)
- neurotic (F45.3)
- psychogenic (F45.3)

heartburn (R12)
Diseases of appendix  
(K35-K38)

**K35 Acute appendicitis**

**K35.3 Acute appendicitis with localized peritonitis**  
Incl.:  
Acute appendicitis (with or without perforation or rupture) with peritonitis:

- NOS  
- localized

Acute appendicitis with localized peritonitis with or without rupture or perforation  
Acute appendicitis with peritoneal abscess

Hernia  
(K40-K46)

**K43 Ventral hernia**

**K43.0 Ve**

Incisional hernia with obstruction, without gangrene  
Incl.:  
- **Ve** Incisional hernia:
  - causing obstruction  
  - incarcerated  
  - irreducible  
  - strangulated  
  - without gangrene

**K43.1 Ve**

Incisional hernia with gangrene  
Incl.:  
Gangrenous **Ve** Incisional hernia

**K43.2 Incisional hernia without obstruction or gangrene**  
Incl.:  
Incisional hernia NOS

**K43.3 Parastomal hernia with obstruction, without gangrene**  
Incl.:  
- Parastomal hernia:
  - causing obstruction  
  - incarcerated  
  - irreducible  
  - without gangrene
○ strangulated

K43.4 Parastomal hernia with gangrene
   Incl.:
   Gangrenous parastomal hernia

K43.5 Parastomal hernia without obstruction or gangrene
   Incl.:
   Parastomal hernia NOS

K43.6 Other and unspecified ventral hernia with gangrene
   Incl.:
   Hernia:
   • epigastric
   • hypogastric
   • midline
   • spigelian
   • subxiphoid
   • Any condition listed under K43.6
     ○ causing obstruction
     ○ incarcerated
     ○ irreducible
     ○ strangulated
     • without gangrene

K43.7 Other and unspecified ventral hernia with gangrene
   Incl.:
   Any condition listed under K43.6 specified as gangrenous

K43.9 Ventral hernia Other and unspecified ventral hernia without obstruction or gangrene
   Incl.:
   Ventral hernia NOS

Noninfective enteritis and colitis
(K50-K52)

K52 Other noninfective gastroenteritis and colitis

K52.1 Toxic gastroenteritis and colitis
   Incl.
Drug-induced gastroenteritis and colitis

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced, or toxic agent.

**Other diseases of intestines (K55-K64)**

**Other diseases of intestines (K55-K63)**

**K59** Other functional intestinal disorders

**K59.3** Megacolon, not elsewhere classified

*Incl.:
Dilatation of colon
Toxic megacolon

Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

*Excl.:
megacolon *(due to)* (in):

- Chagas disease (B57.3)
- *Clostridium difficile* (A04.7)
- congenital (aganglionic) (Q43.1)
- Hirschsprung disease (Q43.1)

**K62** Other diseases of anus and rectum

*Incl.:
anal canal

*Excl.:
colostomy and enterostomy malfunction (K91.4)
faecal incontinence (R15)
haemorrhoids *(I8K64.-)*
ulcerative proctitis (K51.2)

**K63** Other diseases of intestine

**K63.1** Perforation of intestine (nontraumatic)

*Excl.:
perforation (nontraumatic) of:
• appendix (K35.-) (K35.2, K35.3)
• duodenum (K26.-)

with diverticular disease (K57.-)

K64. Haemorrhoids and perianal venous thrombosis

Incl.:

piles

Excl.:

complicating:

• childbirth and the puerperium (O87.2)
• pregnancy (O22.4)

K64.0 First degree haemorrhoids

Incl.:

Grade/stage I haemorrhoids
Haemorrhoids (bleeding) without prolapse outside of anal canal

K64.1 Second degree haemorrhoids

Incl.:

Grade/stage II haemorrhoids
Haemorrhoids (bleeding) that prolapse with straining, but retract spontaneously

K64.2 Third degree haemorrhoids

Incl.:

Grade/stage III haemorrhoids
Haemorrhoids (bleeding) that prolapse with straining and require manual replacement back inside anal canal

K64.3 Fourth degree haemorrhoids

Incl.:

Grade/stage IV haemorrhoids
Haemorrhoids (bleeding) with prolapsed tissue that cannot be manually replaced

K64.4 Residual haemorrhoidal skin tags

Incl.:

Skin tags of anus

K64.5 Perianal venous thrombosis

Incl.:

Perianal haematoma

K64.8 Other specified haemorrhoids
K64.9 Haemorrhoids, unspecified

Incl.:
Haemorrhoids (bleeding):

- NOS
- without mention of degree

Diseases of liver
(K70-K77)

K72 Hepatic failure, not elsewhere classified

Incl.:
hepatic:

- coma NOS
- encephalopathy NOS

hepatitis:

- acute
- fulminant
- malignant

NEC, with hepatic failure

Liver (cell) necrosis with hepatic failure
yellow liver atrophy or dystrophy

Excl.:
alcoholic hepatic failure (K70.4)
hepatic failure complicating:

- abortion or ectopic or molar pregnancy (O00-O07, O08.8)
- pregnancy, childbirth and the puerperium (O26.6)

icterus of fetus and newborn (P55-P59)
viral hepatitis (B15-B19)
with toxic liver disease (K71.1)

K72.0 Acute and subacute hepatic failure

Incl.:
Acute non-viral hepatitis NOS

K73 Chronic hepatitis, not elsewhere classified

K73.2 Chronic active hepatitis, not elsewhere classified
Other inflammatory liver diseases

Excl.: chronic hepatitis NEC (K73.-) hepatitis:

- acute or subacute:
  - NOS (B17.9)
  - Non-viral (K72.0)
- viral (B15-B19)

toxic liver disease (K71.-)

K75.4 Autoimmune hepatitis

Incl.: Lupoid hepatitis NEC

K75.8 Other specified inflammatory liver diseases

Incl.: Nonalcoholic steatohepatitis- [NASH] [NASH]

Other diseases of liver

K76.0 Fatty (change of) liver, not elsewhere classified

Incl.: Nonalcoholic fatty liver disease- [NAFLD] [NAFLD]

Excl.: nonalcoholic steatohepatitis (K75.8)

Chapter XII
Diseases of the skin and subcutaneous tissue (L00-L99)

Infections of the skin and subcutaneous tissue (L00-L08)

L08 Other local infections of skin and subcutaneous tissue

L08.0 Pyoderma

Incl.:
Dermatitis:

- gangrenosa
- purulent
- septic
- suppurative

Excl.:
pyoderma gangrenosum (L88)

**Dermatitis and eczema (L20-L30)**

*Note:*
In this block the terms dermatitis and eczema are used synonymously and interchangeably.

Excl.:
chronic (childhood) granulomatous disease (D71)
dermatitis:

- dry skin (L85.3)
- factitial (L98.1)
- gangrenosa (L88.0)
- herpetiformis (L13.0)
- perioral (L71.0)
- stasis (I83.1-I83.2)

radiation-related disorders of the skin and subcutaneous tissue (L55-L59)

**Papulosquamous disorders (L40-L45)**

L41 Parapsoriasis

L41.2 Lymphomatoid papulosis

**Urticaria and erythema (L50-L54)**

L50 Urticaria

Excl.
allergic contact dermatitis (L23.-)
angioneurotic oedema (T78.3)
hereditary angio-oedema (E84.1)
Quincke oedema (T78.3)
urticaria:
  - giant (T78.3)
  - neonatorum (P83.8)
  - papulosa (L28.2)
  - pigmentosa (Q82.2)
  - serum (T80.6)
  - solar (L56.3)

Other disorders of the skin and subcutaneous tissue (L80-L99)

L88 Pyoderma gangrenosum
  *Incl.*
  - Dermatitis gangrenosa
  - Phagedenic pyoderma
  *Excl.*
  - dermatitis gangrenosa (L08.0)

L98 Other disorders of skin and subcutaneous tissue, not elsewhere classified

L98.5 Mucinosis of skin
  *Incl.*
  - Focal mucinosis
  - Lichen myxoedematosus
  *Excl.*
  - focal oral mucinosis (K13.7)
  - myxoedema (E03.9)

Chapter XIII
Diseases of the musculoskeletal system and connective tissue (M00-M99)
Modifiers
Arthropathies
(M00-M25)

Infectious arthropathies
(M00-M03)

**M00** Pyogenic arthritis

[See site code at the beginning of this chapter]

*Excl.:

infection and inflammatory reaction due to internal joint prosthesis (T84.5)*

Modifiers

Soft tissue disorders
(M60-M79)

Other soft tissue disorders
(M70-M79)

**M76** Enthesopathies of lower limb, excluding foot

[See site code at the beginning of this chapter]

*Note:*

The superficially specific terms bursitis, capsulitis and tendinitis tend to be used indiscriminately for various disorders of peripheral ligamentous or muscular attachments; most of these conditions have been brought together as enthesopathies which is the generic term for lesions at these sites.

*Excl.:

bursitis due to use, overuse and pressure (M70.-)*

Modifiers

Osteopathies and chondropathies
(M80-M94)

Disorders of bone density and structure
(M80-M85)

**M83** Adult osteomalacia
Excl.:
osteomalacia:
  - infantile and juvenile (E55.0)
  - vitamin-D-resistant (E83.3)
renal osteodystrophy (N25.0)
rickets (active) (E55.0)
rickets (active)
  - sequelae (E64.3)
  - vitamin-D-resistant (E83.3)

Modifiers

Other osteopathies
(M86-M90)

M87 Osteonecrosis

[See site code at the beginning of this chapter]

Incl.:
avascular necrosis of bone

Excl.:
osteochondropathies (M91-M93)
  osteonecrosis of jaw (drug-induced) (radiation-induced) (K10.2)
Modifiers

Chapter XIV
Diseases of the genitourinary system
(N00-N99)

Glomerular diseases
(N00-N08)
Use additional code, if desired, to identify associated chronic kidney disease (N18.-).

Use additional code, if desired, to identify external cause (Chapter XX) or presence of renal failure, Acute (N17), Chronic (N18.-) or Unspecified (N19) (N19).

Excl.:
  hypertensive renal disease (I12.-)

Modifiers

Renal failure
(N17-N19)

N18Chronic kidney disease

N18.1Chronic kidney disease, stage 1
  Kidney damage with normal or increased GFR (≥ 90 mL/min)

N19Unspecified kidney failure
  Incl.:
    Renal insufficiency NOS
    Uraemia NOS
  Excl.:
    kidney failure with hypertension due to hypertension (I12.0)
    uraemia of newborn (P96.0)

Other disorders of kidney and ureter
(N25-N29)

N26Unspecified contracted kidney
  Incl.:
    Atrophy of kidney (terminal)
    Renal sclerosis NOS
  Excl.:
    contracted kidney with hypertension due to hypertension (I12.-)
    diffuse sclerosing glomerulonephritis (N18.-)
    hypertensive nephrosclerosis (arteriolar)(arteriosclerotic) (I12.-)
    small kidney of unknown cause (N27.-)

Other diseases of urinary system
(N30-N39)
N32 Other disorders of bladder

N32.8 Other specified disorders of bladder

Incl.: Bladder:

- calcified
- contracted
- overactive

N36 Other disorders of urethra

N36.3 Prolapsed urethral mucosa

Incl.: Prolapse of urethra
Urethrocele, male

Excl.: urethrocele:

- congenital (Q64.7)
- female (N81.0)

urethrocele, female (N81.0)

Diseases of male genital organs (N40-N51)

N40 Hyperplasia of prostate

Incl.: Adenofibromatous hypertrophy of prostate
Enlargement (benign) of prostate
Hypertrophy (benign)

Median bar (prostate)
Prostatic obstruction NOS

Excl.: benign neoplasms of prostate (D29.1)

Noninflammatory disorders of female genital tract (N80-N98)
Female genital prolapse

N81.0 Female urethrocele

Excl.:
- congenital (Q64.7)
- urethrocele with:
  - cystocele (N81.1)
  - prolapse of uterus (N81.2-N81.4)

Chapter XV
Pregnancy, childbirth and the puerperium (O00-O99)

The codes included in this chapter are to be used for conditions related to or aggravated by the pregnancy, childbirth or by the puerperium (maternal causes or obstetric causes)

Excl.:
Certain diseases or injuries complicating pregnancy, childbirth and the puerperium classified elsewhere:

- external causes (for mortality) (V00-Y89)
- injury, poisoning and certain other consequences of external cause (S00-T88.1, T88.6-T88.9)
- mental and behavioural disorders associated with the puerperium (F53.-)
- obstetrical tetanus (A34)
- postpartum necrosis of pituitary gland (E23.0)
- puerperal osteomalacia (M83.0)

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

Pre-existing hypertension complicating pregnancy, childbirth and the puerperium
Incl.:
the listed conditions with pre-existing proteinuria

Excl.:
that with increased or superimposed pre-eclampsia (O11)

**O11 Pre-existing hypertensive disorder with superimposed proteinuria**

**Pre-eclampsia superimposed on chronic hypertension**

Incl.:
Conditions in O10.- complicated by pre-eclampsia superimposed on:

- hypertension NOS
- pre-existing hypertension

Superimposed pre-eclampsia

**O12 Gestational [pregnancy-induced] hypertension without significant proteinuria**

Incl.:
Gestational
Pregnancy-induced hypertension NOS

Gestational hypertension NOS
Mild pre-eclampsia
Transient hypertension of pregnancy

**O13 Gestational [pregnancy-induced] hypertension with significant proteinuria**

Pre-eclampsia

Excl.:
superimposed pre-eclampsia (O11)

**O14.0 Moderate pre-eclampsia**

Mild to moderate pre-eclampsia

Other maternal disorders predominantly related to pregnancy (O20-O29)

**O22 Venous complications and haemorrhoids in pregnancy**

Excl.:
obstetric pulmonary embolism (O88.-)
the listed conditions as complications of:

- abortion or ectopic or molar pregnancy (000-007, 008.7)
• childbirth and the puerperium (O87.-)

**Infections of genitourinary tract in pregnancy**

*Excl.:
- gonococcal infections (O98.2)
- infections with a predominantly sexual mode of transmission NOS (O98.3)
- syphilis (O98.1)
- tuberculosis of genitourinary system (O98.0)
- venereal disease NOS (O98.3)

**Diabetes mellitus in pregnancy**

024.0 Pre-existing type 1 diabetes mellitus, insulin-dependent

024.1 Pre-existing type 2 diabetes mellitus, non-insulin-dependent

**Complications of labour and delivery (060-075)**

**Perineal laceration during delivery**

*Incl.:
- episiotomy extended by laceration

*Excl.:
- obstetric high vaginal laceration (O71.4)
- obstetric high vaginal laceration alone vaginal sulcus laceration (O71.4)

070.0 First degree perineal laceration during delivery

*Incl.:
- Perineal laceration, rupture or tear (involving):
  - fourchette
  - labia
  - periurethral tissue
  - skin
  - slight
  - vagina, low
  - vulva

*Excl.:
- periurethral laceration involving urethra (O71.5)
- that with laceration of:
• high vaginal wall (middle)(upper third of vaginal wall) (O71.4)
• vaginal sulcus (O71.4)

**O71 Other obstetric trauma**

**O71.4 Obstetric high vaginal laceration alone**

Incl.:

Laceration of:

• middle or upper third of vaginal wall
• vaginal sulcus

Laceration of vaginal wall without mention of perineal laceration

Excl.:

with perineal laceration that of the lower vagina (O70.-)

**O71.5 Other obstetric injury to pelvic organs**

Incl.:

Obstetric injury to:

• bladder
• urethra

Excl.:

(minor) laceration involving periurethral tissue only (O70.0)

Complications predominantly related to the puerperium (O85-092)

**O87 Venous complications and haemorrhoids in the puerperium**

Incl.:

in labour, delivery and the puerperium

Excl.:

obstetric embolism (O88.-)
venous complications in pregnancy (O22.-)

Other obstetric conditions, not elsewhere classified (O94-099)

**O94 Sequelae of complication of pregnancy, childbirth and the puerperium**

Note:
This category is to be used for morbidity coding only to indicate conditions in categories O00-O75 and O85-O92 as the cause of sequelae, which are themselves classified elsewhere. The 'sequelae' include conditions specified as such or as late effects, or those present one year or more after the onset of the causal condition.

Not to be used for chronic complications of pregnancy, childbirth and the puerperium. Code these to O00-O75 and O85-O92.

**Excl.**
that resulting in death (O96.-, O97.-)

---

**097** Death from sequelae of obstetric causes

**Incl.**

Death from any obstetric cause (direct or indirect) occurring one year or more after delivery

Use additional code, if desired, to identify the obstetric cause (direct or indirect)

Death from any obstetric cause (direct or indirect) occurring one year or more after delivery

Use additional code, if desired, to identify the obstetric cause (direct or indirect)

---

**098** Maternal infectious and parasitic diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium

**098.7** Human immunodeficiency virus [HIV] disease complicating pregnancy, childbirth and the puerperium

Conditions in (B20-B24)

---

**099** Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium

**099.6** Diseases of the digestive system complicating pregnancy, childbirth and the puerperium

**Incl.**

Conditions in K00-K93

**Excl.**

Haemorrhoids in pregnancy (O22.4)
Liver disorders in pregnancy, childbirth and the puerperium (O26.6)

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**Chapter XVI**

Certain conditions originating in the perinatal period (P00-P96)
**Respiratory and cardiovascular disorders specific to the perinatal period (P20-P29)**

_P28_ Other respiratory conditions originating in the perinatal period

_P28.3_ Primary sleep apnoea of newborn

  Incl.:

  **Sleep apnoea of newborn:**

  - central
  - NOS
  - obstructive

  **Sleep apnoea of newborn NOS**

_P28.4_ Other apnoea of newborn

  Incl.:

  **Apnoea (of):**

  - newborn, obstructive
  - prematurity

  **Excl.:**

  obstructive sleep apnoea of newborn (P28.3)

**Haemorrhagic and haematological disorders of fetus and newborn (P50-P61)**

_P58_ Neonatal jaundice from other and unspecified causes

_P59.2_ Neonatal jaundice from other and unspecified hepatocellular damage

  Incl.:

  Fetal or neonatal (idiopathic) giant cell hepatitis

  **Giant cell hepatitis**

  Congenital viral hepatitis (P35.3)

  **Excl.:**

  Fetal or neonatal (idiopathic) hepatitis

_Transitory endocrine and metabolic disorders specific to fetus and newborn (P70-P74)_
Transitory disorders of carbohydrate metabolism specific to fetus and newborn

P70.1 Syndrome of infant of a diabetic mother
Incl.:
Fetus or newborn (with hypoglycaemia) affected by maternal diabetes mellitus (pre-existing)

Chapter XVII
Congenital malformations, deformations and chromosomal abnormalities
(Q00-Q99)

Congenital malformations of eye, ear, face and neck
(Q10-Q18)
Excl.:
cleft lip and cleft palate (Q35-Q37)
congenital malformation of:

- cervical spine (Q05.0, Q05.5, Q67.5, Q76.0-Q76.4)
- larynx (Q31.-)
- lip NEC (Q38.0)
- nose (Q30.-)
- parathyroid gland (Q89.2)
- thyroid gland (Q89.2)

Congenital malformations of the circulatory system
(Q20-Q28)

Q23.4 Hypoplastic left heart syndrome
Atresia, or marked hypoplasia of aortic orifice or valve, with hypoplasia of ascending aorta and defective development of left ventricle (with mitral valve stenosis or atresia).

Q25.3 Stenosis of aorta
Incl.:
Supravalvular aortic stenosis
Excl.: congenital stenosis of aortic valvosis (Q23.0)

Chapter XVIII
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

Symptoms and signs involving the digestive system and abdomen (R10-R19)

R10 Abdominal and pelvic pain

R10.1 Pain localized to upper abdomen

  Incl.: Dyspepsia NOS
  Epigastric pain

Excl.: functional dyspepsia (K30)

R12 Heartburn

  Excl.: dyspepsia:

  • NOS (R10.1)
  • functional (K30)

General symptoms and signs (R50-R69)

R53 Malaise and fatigue

  Incl.: Asthenia NOS
  Debility:

  • NOS
  • chronic
  • nervous

  General physical deterioration
Lethargy
Tiredness

Excl.:

debility:

- congenital (P96.9)
- senile (R54)

exhaustion and fatigue (due to)(in):

- combat (F43.0)
- excessive exertion (T73.3)
- exposure (T73.2)
- heat (T67.-)
- neurasthenia (F48.0)
- pregnancy (O26.8)
- senile asthenia (R54)

fatigue syndrome (F48.0)

fatigue syndrome

- postviral (G93.3)

**Ill-defined and unknown causes of mortality (R95-R99)**

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**R95** Sudden infant death syndrome

**R95.0** Sudden infant death syndrome with mention of autopsy

**R95.9** Sudden infant death syndrome without mention of autopsy

Incl.:

Sudden infant death syndrome, unspecified

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**R96** Other sudden death, cause unknown

Excl.:

sudden:

- cardiac death, so described (I46.1)
- infant death syndrome (R95.-) (R95.-)
Chapter XIX
Injury, poisoning and certain other consequences of external causes
(S00-T98)

Excl.:

birth trauma (P10-P15)
obstetric trauma (O70-O71)
malunion of fracture (M84.0)
nonunion of fracture [pseudarthrosis] (M84.1)
pathological fracture (M84.4)
pathological fracture with osteoporosis (M80.-)
stress fracture (M84.3)

The chapter uses the S-section for coding different types of injuries related to single body
regions and the T-section to cover injuries to multiple or unspecified body regions as well
as poisoning and certain other consequences of external causes.

Where multiple sites of injury are specified in the titles, the word "with" indicates
involvement of both sites, and the word "and" indicates involvement of either or both sites.

The principle of multiple coding of injuries should be followed wherever possible.
Combination categories for multiple injuries are provided for use when there is insufficient
detail as to the nature of the individual conditions, or for primary tabulation purposes
when it is more convenient to record a single code; otherwise, the component injuries
should be coded separately. Reference should also be made to the morbidity or mortality
coding rules and guidelines in Volume 2.

The blocks of the S-section as well as T00-T14 and T90-T98 contain injuries at the three-
character level classified by type as follows:

Superficial injury including:
abrasion
blister (nonthermal)
contusion, including bruise and haematoma
injury from superficial foreign body (splinter) without major open wound
insect bite (nonvenomous)

Open wound including:
animal bite
cut
laceration
puncture wound:
• NOS
• with (penetrating) foreign body

Fracture including:
Fracture:
closed:
• compound
with or without delayed healing
- infected
- missile
- fissured
- greenstick
- impacted
- linear
- march
- simple
- slipped epiphysis
- spiral
- dislocated
- displaced

**Fracture:**

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<th>open:</th>
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<td>- compound</td>
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<td>- infected</td>
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<tr>
<td>- missile</td>
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<tr>
<td>- puncture</td>
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<td>- with foreign body</td>
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with or without delayed healing

**Excl.:** fracture:
- pathological (M84.4)
- with osteoporosis (M80.−)
- stress (M84.3)

malunion of fracture (M84.0)
nonunion of fracture (M84.1)

**Dislocation, sprain and strain** including:

| avulsion |
| laceration |
| sprain |
| strain |
| traumatic: |
| - haemarthrosis |
| - rupture |
| - subluxation |
| - tear |
| cartilage |
| of |
| joint (capsule) |
| ligament |

**Injury to nerves and spinal cord** including:
complete or incomplete lesion of spinal cord
lesion in continuity of nerves and spinal cord
traumatic:
- division of nerve
- haematomyelia
- paralysis (transient)
- paraplegia
- quadriplegia

**Injury to blood vessels** including:

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<tr>
<th>avulsion</th>
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<th>laceration</th>
<th>traumatic:</th>
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<td>• aneurysm or fistula (arteriovenous)</td>
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<td>• arterial haematoma</td>
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**Injury to muscle, fascia and tendon** including:

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<td>traumatic</td>
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<td>rupture</td>
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**Crushing injury**

**Traumatic amputation**

**Injury to internal organs** including:

<table>
<thead>
<tr>
<th>blast injuries</th>
<th>bruise</th>
<th>concussion injuries</th>
<th>crushing laceration</th>
<th>traumatic:</th>
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<td>• tear</td>
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**Other and unspecified injuries**

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**Injuries to the wrist and hand**

(S60-S69)

*S61* Open wound of wrist and hand

*S61.9* Open wound of wrist and hand—part, part unspecified
Injuries to the hip and thigh  
(S70-S79)

S79 Other and unspecified injuries of hip and thigh

Injuries to the knee and lower leg  
(S80-S89)

S82 Fracture of lower leg, including ankle
  Modifiers

S82.1 Fracture of upper end of tibia
  Incl.:
  • Tibial:
    o condyles
    o head
    o plateau
    o proximal end
    o tuberosity
  • with or without mention of fracture of fibula

Injuries involving multiple body regions  
(T00-T07)
  Incl.:
    bilateral involvement of limbs of the same body region
    Injuries injuries by type involving two or more body regions classifiable within S00-S99
  Excl.:
    burns and corrosions (T20-T32)
    frostbite (T33-T35)
    insect bite or sting, venomous (T63.4)
    multiple injuries involving only one body region - see S-section
    sunburn (L55.-)

Complications of surgical and medical care, not elsewhere classified  
(T80-T88)

T80 Complications following infusion, transfusion and therapeutic injection

T80.1 Vascular complications following infusion, transfusion and therapeutic injection
Incl.:
- Phlebitis
- Thromboembolism
- Thrombophlebitis
- following infusion, transfusion and therapeutic injection

Excl.:
The listed conditions when specified as:
- due to prosthetic devices, implants and grafts (T82.8, T83.8, T84.8, T85.8)
- postprocedural (T81.7)

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**T80.2 Infections following infusion, transfusion and therapeutic injection**

Incl.:
- Infection
- Sepsis
- following infusion, transfusion and therapeutic injection

Use additional code (R57.2), if desired, to identify septic shock

Excl.:
The listed conditions when specified as:
- due to prosthetic devices, implants and grafts (T82.6-T82.7, T83.5-T83.6, T84.5-T84.7, T85.7)
- postprocedural (T81.4)

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**Chapter XX**

External causes of morbidity and mortality
*(V01-Y98)*

Modifiers

**Accidents**
*(V01-X59)*

Modifiers

Other external causes of accidental injury
*(W00-X59)*
Falls
(W00-W19)

Other fall from one level to another

Incl.:
fall from or into:

- cavity
- cherry picker
- dock
- haystack
- hole
- lifting device
- mobile elevated work platform [MEWP]
- pit
- quarry
- shaft
- sky lift
- tank
- well

Accidental poisoning by and exposure to noxious substances
(X40-X49)

Accidental poisoning by and exposure to other gases and vapours

Incl.:
carbon monoxide
helium (nonmedicinal) NEC
lacrimogenic gas [tear gas]
motor (vehicle) exhaust gas
nitrogen oxides
sulfur dioxide
utility gas

Excl.:
metal fumes and vapours (X49)

Intentional self-harm
(X60-X84)
Modifiers
X67 Intentional self-poisoning by and exposure to other gases and vapours

*Incl.*:
- carbon monoxide
- helium (nonmedicinal) NEC
- lacrimogenic gas [tear gas]
- motor (vehicle) exhaust gas
- nitrogen oxides
- sulfur dioxide
- utility gas

*Excl.:
- metal fumes and vapours (X69)

**Event of undetermined intent**
(Y10-Y34)

Modifiers

Y17 Poisoning by and exposure to other gases and vapours, undetermined intent

*Incl.*:
- carbon monoxide
- helium (nonmedicinal) NEC
- lacrimogenic gas [tear gas]
- motor (vehicle) exhaust gas
- nitrogen oxides
- sulfur dioxide
- utility gas

*Excl.:
- metal fumes and vapours (Y19)

**Complications of medical and surgical care**
(Y40-Y84)

Modifiers

**Misadventures to patients during surgical and medical care**
(Y60-Y69)

*Excl.:
- breakdown or malfunctioning of medical device (during procedure)(after implantation)(ongoing use) (Y70-Y82)
- medical devices associated with adverse incidents due to external causes classified elsewhere (V01-Y59, Y85-Y87, Y89)
Medical devices associated with adverse incidents in diagnostic and therapeutic use
(Y70-Y82)

**Incl.:**
- breakdown or malfunctioning of medical device (during procedure)(after implantation)(ongoing use)

**Excl.:**
- later complications following use of medical devices without mention of breakdown or malfunctioning of medical device (Y83-Y84).
- misadventure to patients during surgical and medical care, classifiable to Y60-Y69 (Y60-Y69); medical devices associated with adverse incidents due to external causes classified elsewhere (V01-Y59, Y85-Y87, Y89).

Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure (Y83-Y84)

**Excl.:**
- breakdown or malfunctioning of medical device (during procedure)(after implantation)(ongoing use) (Y70-Y82).
- misadventures to patients during surgical and medical care, classifiable to Y60-Y69 (Y60-Y69); medical devices associated with adverse incidents due to external causes classified elsewhere (V01-Y59, Y85-Y87, Y89).

Chapter XXI
Factors influencing health status and contact with health services (Z00-Z99)
Persons encountering health services for specific procedures and health care (Z40-Z54)

Z45 Adjustment and management of implanted device

Z45.0 Adjustment and management of cardiac pacemaker devices
   Incl.: Checking and testing of pulse generator [battery] cardiac devices

Persons encountering health services in other circumstances (Z70-Z76)

Z72 Problems related to lifestyle

Z72.2 Drug use
   Excl.: abuse of non-dependence-producing substances (F55)
   drug dependence (F11-F16, F19- with common fourth character .2).

Persons with potential health hazards related to family and personal history and certain conditions influencing health status (Z80-Z99)

Z95 Presence of cardiac and vascular implants and grafts

Z95.0 Presence of electronic cardiac pacemaker devices
   Incl.: Presence of:
   - cardiac pacemaker
   - cardiac resynchronization therapy defibrillator (CRT-D)
   - cardiac resynchronization therapy (CRT) pacemaker
   - cardioverter-defibrillator (ICD)

Excl.: adjustment or management of cardiac devices (Z45.0)
adjustment or management of cardiac pacemaker (Z45.0) dependence on artificial heart (Z99.4)

Z99 Dependence on enabling machines and devices, not elsewhere classified
Codes for special purposes (U00-U895)

Provisional assignment of new diseases of uncertain etiology or emergency use (U00-U49)

**U06 Emergency use of U06**

*Note:*

codes U00-U49 are to be used by WHO for the provisional assignment of new diseases of uncertain etiology. In emergency situations codes are not always accessible in electronic systems. The specification of category U06 in the way it is done here will make sure this category and the subcategories are available in every electronic system at any time and that they can be used upon instruction by WHO, immediately.

**U06.0 Emergency use of U06.0**

**U06.1 Emergency use of U06.1**

**U06.2 Emergency use of U06.2**

**U06.3 Emergency use of U06.3**

**U06.4 Emergency use of U06.4**

**U06.5 Emergency use of U06.5**

**U06.6 Emergency use of U06.6**

**U06.7 Emergency use of U06.7**

**U06.8 Emergency use of U06.8**

**U06.9 Emergency use of U06.9**

**U07 Emergency use of U07**

*Note:*

codes U00-U49 are to be used by WHO for the provisional assignment of new diseases of uncertain etiology. In emergency situations codes are not always accessible in electronic systems. The specification of category U06 in the way it is done here will make sure this...
category and the subcategories are available in every electronic system at any time and that they can be used upon instruction by WHO, immediately.

U07.0 Emergency use of U07.0
U07.1 Emergency use of U07.1
U07.2 Emergency use of U07.2
U07.3 Emergency use of U07.3
U07.4 Emergency use of U07.4
U07.5 Emergency use of U07.5
U07.6 Emergency use of U07.6
U07.7 Emergency use of U07.7
U07.8 Emergency use of U07.8
U07.9 Emergency use of U07.9

**Bacterial agents resistant to antibiotics**
(U80–U89)

*Note:*
These categories should never be used in primary coding. They are provided for use as supplementary or additional codes when it is desired to identify the antibiotic to which a bacterial agent is resistant, in bacterial infection classified elsewhere.

**U80** Agent resistant to penicillin and related antibiotics

U80.0 Penicillin-resistant agent
U80.1 Methicillin-resistant agent
U80.8 Agent resistant to other penicillin-related antibiotic

**U81** Agent resistant to vancomycin and related antibiotics

U81.0 Vancomycin-resistant agent
U81.8 Agent resistant to other vancomycin-related antibiotic

**Resistance to antimicrobial and antineoplastic drugs**
(U82–U85)

*Note:*
These categories should never be used in primary coding. The codes are provided for use as supplementary or additional codes when it is desired to identify the resistance, non-responsiveness and refractive properties of a condition to antimicrobials and antineoplastic drugs.

**U82 Resistance to betalactam antibiotics**

*Use additional code (B95-B98), if desired, to identify agents resistant to betalactam antibiotic treatment.*

**U82.0 Resistance to penicillin**

*Incl.:*

Resistance to:

- Amoxicillin
- Ampicillin

**U82.1 Resistance to methicillin**

*Incl.:*

Resistance to:

- Cloxacillin
- Flucloxacillin
- Oxacillin

**U82.2 Extended spectrum betalactamase (ESBL) resistance**

**U82.8 Resistance to other betalactam antibiotics**

**U82.9 Resistance to betalactam antibiotics, unspecified**

**U83 Resistance to other antibiotics**

*Use additional code (B95-B98), if desired, to identify agents resistant to other antibiotic treatment.*

**U83.0 Resistance to vancomycin**

**U83.1 Resistance to other vancomycin related antibiotics**

**U83.2 Resistance to quinolones**

**U83.7 Resistance to multiple antibiotics**

**U83.8 Resistance to other single specified antibiotic**

**U83.9 Resistance to unspecified antibiotic**
Incl.: Resistance to antibiotics NOS

U84 Resistance to other antimicrobial drugs

Use additional code (B95-B98), if desired, to identify agents resistant to other antibiotic treatment.

Excl.: Resistance to antibiotics (U82-U83)

U84.0 Resistance to antiparasitic drug(s)

Incl.: Resistance to quinine and related compounds

U84.1 Resistance to antifungal drug(s)

U84.2 Resistance to antiviral drug(s)

U84.3 Resistance to tuberculostatic drug(s)

U84.7 Resistance to multiple antimicrobial drugs

Excl.: Resistance to multiple antibiotics only (U83.7)

U84.8 Resistance to other specified antimicrobial drug

U84.9 Resistance to unspecified antimicrobial drugs

Incl.: Drug resistance NOS

U85 Resistance to antineoplastic drugs

Incl.: Non-responsiveness to antineoplastic drugs

Refractory cancer

U88 Agent resistant to multiple-antibiotics

Note: This category is provided for use when a bacterial agent is resistant to two or more antibiotics but there is insufficient detail to determine which antibiotic is contributing most to the "main condition". It should also be used for primary tabulation purposes when it is more convenient to record a single code; otherwise each specific antibiotic-resistant agent should be coded separately.
U89Agent-resistant-to-other-and-unspecified-antibiotics

U89.8Agent-resistant-to-other-single-specified-antibiotic

U89.9Agent-resistant-to-unspecified-antibiotic