ICD-10 DIAGNOSIS
International Statistical Classification of Diseases and Related Health Problems 10th Revision
For Orthopaedic and Traumatology

Perhimpunan Dokter Spesialis Orthopaedi dan Traumatologi Indonesia (PABOI)
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CHAPTER I
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Tuberculosis (A15-A19)
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Exclude: congenital tuberculosis (P37.0)
human immunodeficiency [HIV] disease resulting in tuberculosis (B20.0)
pneumoconiosis associated with tuberculosis (J65)
sequelae of tuberculosis (B90.-)
silicotuberculosis (J65)

A18 Tuberculosis of other organs
A18.0+ Tuberculosis of bones and joints
Tuberculosis of:
- hip (M01.1*)
- knee (M01.1*)
- vertebral column (M49.0*)

Tuberculous:
- arthritis (M01.1*)
- mastoiditis (H75.0*)
- necrosis of bone (M90.0*)
- osteitis (M90.0*)
- osteomyelitis (M90.0*)
- synovitis (M68.0*)
- tenosynovitis (M68.0*)
CHAPTER II
Neoplasms (C00-D48)

Malignant Neoplasms (C00-C97)

Malignant Neoplasms of Bone and Articular Cartilage (C40-C41)
Exclude: bone marrow NOS (C96.7), synovia (C49.-)

C40  Malignant neoplasm of bone and articular cartilage of limbs
C40.0  Scapula and long bones of upper limb
C40.1  Short bones of upper limb
C40.2  Long bones of lower limb
C40.3  Short bones of lower limb
C40.8  Overlapping lesion of bone and articular cartilage of limbs
C40.9  Bone and articular cartilage of limb, unspecified

C41  Malignant neoplasm of bone and articular cartilage of other and unspecified sites
Exclude:
bones of limbs (C40.-)
cartilage of: ear (C49.0), larynx (C32.3), limbs (C40.-), nose (C30.0)
C41.0  Bones of skull and face
Maxilla (superior), Orbital bone
Exclude: carcinoma, any type except intraosseous or odontogenic of:
  • maxillary sinus (C31.0)
  • upper jaw (C03.0)
      jaw bone (lower) (C41.1)
C41.1  Mandible
Lower jaw bone
Exclude:
carcinoma, any type except intraosseous or odontogenic of:
  • jaw NOS (C03.9)
  • jaw NOS: lower (C03.1)
upper jaw bone (C41.0)
C41.2 Vertebral column
Exclude: sacrum and coccyx (C41.4)
C41.3 Ribs, sternum and clavicle
C41.4 Pelvic bones, sacrum and coccyx
C41.8 Overlapping lesion of bone and articular cartilage
Malignant neoplasm of bone and articular cartilage whose point of origin cannot be classified to any one of the categories C40-C41.4
C41.9 Bone and articular cartilage, unspecified

Malignant Neoplasms of Mesothelial and Soft Tissue (C45-C49)

C49 Malignant neoplasm of other connective and soft tissue
Include: blood vessel, bursa, cartilage, fascia, fat ligament (except uterine), lymphatic, vessel, muscle, synovial, tendon (sheath)
Exclude:
cartilage (of):
  • articular (C40-C41)
  • larynx (C32.3)
  • nose (C30.0)
connective tissue of breast (C50-.)
Kaposi's sarcoma (C46-.)
mesothelioma (C45-.)
peripheral nerves and autonomic nervous system (C47-.)
peritoneum (C48-.)
retroperitoneum (C48.0)
C49.1 Connective and soft tissue of upper limb, including shoulder
C49.2 Connective and soft tissue of lower limb, including hip
C49.8 Overlapping lesion of connective and soft tissue
Malignant neoplasm of connective and soft tissue whose point of origin cannot be classified to any one of the categories C47-C49.6
C49.9 Connective and soft tissue, unspecified
CHAPTER III
Endocrine, Nutritional and Metabolic Diseases (E00-E90)

Disorders of other endocrine glands (E20-E35)
Exclude: galactorrhoea (N64.3), gynaecomastia (N62)

**E20 Hypoparathyroidism**
Exclude:
- Di George's syndrome (D82.1)
- postprocedural hypoparathyroidism (E89.2)
- tetany NOS (R29.0)
- transitory neonatal hypoparathyroidism (P71.4)
E20.0 Idiopathic hypoparathyroidism
E20.1 Pseudohypoparathyroidism
E20.8 Other hypoparathyroidism
E20.9 Hypoparathyroidism, unspecified
Parathyroid tetany

**E21 Hyperparathyroidism and other disorders of parathyroid gland**
Exclude:
Osteomalacia:
- adult (M83.-)
- infantile and juvenile (E55.0)
E21.0 Primary hyperparathyroidism
Hyperplasia of parathyroid
Osteitis fibrosa cystica generalisata [von Recklinghausen's disease of bone]
E21.1 Secondary hyperparathyroidism, not elsewhere classified
Exclude: secondary hyperparathyroidism of renal origin (N25.8)
E21.2 Other hyperparathyroidism
Tertiary hyperparathyroidism
Exclude: familial hypocalciuric hypercalcaemia (E83.5)
E21.3 Hyperparathyroidism, unspecified
E21.4 Other specified disorders of parathyroid gland
E21.5  Disorder of parathyroid gland, unspecified

E22  Hyperfunction of pituitary gland
    Exclude:
    Cushing's syndrome (E24.-)
    Nelson's syndrome (E24.1)
    overproduction of:
    • ACTH not associated with Cushing's disease (E27.0)
    • pituitary ACTH (E24.0)
    • thyroid-stimulating hormone (E05.8)

E22.0  Acromegaly and pituitary gigantism
    Arthropathy associated with acromegaly+ (M14.5*)
    Overproduction of growth hormone
    Exclude:
    Constitutional:
    • gigantism (E34.4)
    • tall stature (E34.4)
    increased secretion from endocrine pancreas of growth hormone-releasing hormone (E16.8)

E22.1  Hyperprolactinaemia
    Use additional external cause code, if desired, to identify drug, if drug-induced

E22.2  Syndrome of inappropriate secretion of antidiuretic hormone

E22.8  Other hyperfunction of pituitary gland
    Central precocious puberty

E22.9  Hyperfunction of pituitary gland, unspecified

E23  Hypofunction and other disorders of pituitary gland
    Include: the listed conditions whether the disorder is in the pituitary or the hypothalamus
    Exclude: postprocedural hypopituitarism (E89.3)

E23.0  Hypopituitarism
    Fertile eunuch syndrome
    Hypogonadotropic hypogonadism
Idiopathic growth hormone deficiency
Isolated deficiency of :
  - gonadotropin
  - growth hormone
  - pituitary hormone
Kallmann's syndrome
Lorain-Levi short stature
Necrosis of pituitary gland (postpartum)
Panhypopituitarism
Pituitary :
  - cachexia
  - insufficiency NOS
  - short stature
Sheehan's syndrome
Simmonds' disease
E23.1 Drug-induced hypopituitarism
Use additional external cause code, if desired, to identify drug
E23.2 Diabetes insipidus
Exclude : nephrogenic diabetes insipidus (N25.1)
E23.3 Hypothalamic dysfunction, not elsewhere classified
Exclude : Prader-Willi syndrome (Q87.1), Russell-Silver syndrome (Q87.1)
E23.6 Other disorders of pituitary gland
  - Abscess of pituitary, Adiposogenital dystrophy
E23.7 Disorder of pituitary gland, unspecified

E24 Cushing's syndrome
E24.0 Pituitary-dependent Cushing's disease
  - Overproduction of pituitary ACTH, Pituitary-dependent hyperadrenocorticism
E24.1 Nelson's syndrome
E24.2 Drug-induced Cushing's syndrome
Use additional external cause code, if desired, to identify drug
E24.3 Ectopic ACTH syndrome
E24.4 Alcohol-induced pseudo-Cushing's syndrome
E24.8 Other Cushing's syndrome
E24.9 Cushing's syndrome, unspecified

**E25 Adrenogenital disorders**

Include:

adrenogenital syndromes, virilizing or feminizing, whether acquired or due to adrenal hyperplasia consequent on inborn enzyme defects in hormone synthesis

female:
- adrenal pseudohermaphroditism
- heterosexual precocious pseudopuberty

male:
- isosexual precocious pseudopuberty
- macrogenitosomia praecox
- sexual precocity with adrenal hyperplasia

virilization (female)

E25.0 Congenital adrenogenital disorders associated with enzyme deficiency

Congenital adrenal hyperplasia, 21-Hydroxylase deficiency, Salt-losing congenital adrenal hyperplasia

E25.8 Other adrenogenital disorders

Idiopathic adrenogenital disorder

Use additional external cause code, if desired, to identify drug, if drug-induced

E25.9 Adrenogenital disorder, unspecified

Adrenogenital syndrome NOS

**E26 Hyperaldosteronism**

E26.0 Primary hyperaldosteronism, Conn's syndrome, Primary aldosteronism due to adrenal hyperplasia (bilateral)

E26.1 Secondary hyperaldosteronism

E26.8 Other hyperaldosteronism

Bartter's syndrome

E26.9 Hyperaldosteronism, unspecified
**E27**  Other disorders of adrenal gland

E27.0 Other adrenocortical overactivity
Overproduction of ACTH, not associated with Cushing's disease
Premature adrenarche
Exclude: Cushing's syndrome (E24.-)

E27.1 Primary adrenocortical insufficiency
Addison's disease, Autoimmune adrenalitis
Exclude:
  - amyloidosis (E85.-)
  - tuberculous Addison's disease (A18.7)
  - Waterhouse-Friderichsen syndrome (A39.1)

E27.2 Addisonian crisis
Adrenal crisis, Adrenocortical crisis

E27.3 Drug-induced adrenocortical insufficiency
Use additional external cause code, if desired, to identify drug

E27.4 Other and unspecified adrenocortical insufficiency
Adrenal:
  - haemorrhage
  - infarction
Adrenocortical insufficiency NOS
Hypoaldosteronism
Exclude:
  - adrenoleukodystrophy [Addison-Schilder] (E71.3)
  - Waterhouse-Friderichsen syndrome (A39.1)

E27.5 Adrenomedullary hyperfunction
Adrenomedullary hyperplasia, Catecholamine hypersecretion

E27.8 Other specified disorders of adrenal gland
Abnormality of cortisol-binding globulin

E27.9 Disorder of adrenal gland, unspecified

**E28**  Ovarian dysfunction
Exclude:
isolated gonadotropin deficiency (E23.0)
postprocedural ovarian failure (E89.4)
E28.0  Estrogen excess
Use additional external cause code, if desired, to identify drug, if drug-induced

E28.1  Androgen excess
Hypersecretion of ovarian androgens
Use additional external cause code, if desired, to identify drug, if drug-induced

E28.2  Polycystic ovarian syndrome
Sclerocystic ovary syndrome, Stein-Leventhal syndrome

E28.3  Primary ovarian failure
Decreased estrogen, Premature menopause NOS, Resistant ovary syndrome
Exclude :
  • menopausal and female climacteric states (N95.1)
  • pure gonadal dysgenesis (Q99.1)
    • Turner's syndrome (Q96.-)

E28.8  Other ovarian dysfunction
Ovarian hyperfunction NOS

E28.9  Ovarian dysfunction, unspecified

E29  Testicular dysfunction
Exclude :
  • androgen resistance syndrome (E34.5)
  • azoospermia or oligospermia NOS (N46)
  • isolated gonadotropin deficiency (E23.0)
  • Klinefelter's syndrome (Q98.0-Q98.2, Q98.4)
  • postprocedural testicular hypofunction (E89.5)
  • testicular feminization (syndrome) (E34.5)

E29.0  Testicular hyperfunction
Hypersecretion of testicular hormones

E29.1  Testicular hypofunction
5-Alpha-reductase deficiency (with male pseudohermaphroditism)
Defective biosynthesis of testicular androgen NOS
Testicular hypogonadism NOS
Use additional external cause code, if desired, to identify drug, if drug-induced

E29.8  Other testicular dysfunction

E29.9  Testicular dysfunction, unspecified
**E30**  **Disorders of puberty, not elsewhere classified**

E30.0  Delayed puberty
Constitutional delay of puberty, Delayed sexual development

E30.1  Precocious puberty
Precocious menstruation
Exclude:
- Albright(-McCune)(-Sternberg) syndrome (Q78.1)
- central precocious puberty (E22.8)
- congenital adrenal hyperplasia (E25.0)
- female heterosexual precocious pseudopuberty (E25.-)
- male isosexual precocious pseudopuberty (E25.-)

E30.8  Other disorders of puberty
Premature thelarche

E30.9  Disorder of puberty, unspecified

**E31**  **Polyglandular dysfunction**

Exclude:
- ataxia telangiectasia [Louis-Bar] (G11.3)
- dystrophia myotonica [Steinert] (G71.1)
- pseudohypoparathyroidism (E20.1)

E31.0  Autoimmune polyglandular failure
Schmidt's syndrome

E31.1  Polyglandular hyperfunction
Exclude: multiple endocrine adenomatosis (D44.8)

E31.8  Other polyglandular dysfunction

E31.9  Polyglandular dysfunction, unspecified

**E32**  **Diseases of thymus**

Exclude: naplasia or hypoplasia with immunodeficiency (D82.1), myasthenia gravis (G70.0)

E32.0  Persistent hyperplasia of thymus
Hypertrophy of thymus
E32.1   Abscess of thymus
E32.8   Other diseases of thymus
E32.9   Disease of thymus, unspecified

**E34**

**Other endocrine disorders**

Exclude : pseudohypoparathyroidism (E20.1)

E34.0   Carcinoid syndrome
May be used as an additional code, if desired, to identify functional activity associated with a carcinoid tumour.

E34.1   Other hypersecretion of intestinal hormones
E34.2   Ectopic hormone secretion, not elsewhere classified
E34.3   Short stature, not elsewhere classified

Short stature :
- NOS
- constitutional
- Laron-type
- psychosocial

Exclude :
progeria (E34.8)
Russell-Silver syndrome (Q87.1)
short-limbed stature with immunodeficiency (D82.2)

short stature :
- achondroplastic (Q77.4)
- hypochondroplastic (Q77.4)
- in specific dysmorphic syndromes - code to syndrome - see Alphabetical Index
- nutritional (E45)
- pituitary (E23.0)
- renal (N25.0)

E34.4   Constitutional tall stature
Constitutional gigantism

E34.5   Androgen resistance syndrome
Male pseudohermaphroditism with androgen resistance
Peripheral hormonal receptor disorder
Reifenstein's syndrome
Testicular feminization (syndrome)

E34.8 Other specified endocrine disorders
Pineal gland dysfunction, Progeria

E34.9 Endocrine disorder, unspecified
Disturbance: endocrine NOS, hormone NOS

**E35*** Disorders of endocrine glands in diseases classified elsewhere

- **E35.0*** Disorders of thyroid gland in diseases classified elsewhere
  - Tuberculosis of thyroid gland (A18.8+)

- **E35.1*** Disorders of adrenal glands in diseases classified elsewhere
  - Tuberculous Addison's disease (A18.7+)
  - Waterhouse-Friderichsen syndrome (meningococcal) (A39.1+)

- **E35.8*** Disorders of other endocrine glands in diseases classified elsewhere

Other Nutritional Deficiencies (E50-E64)

**E54*** Ascorbic acid deficiency
Include: Deficiency of vitamin C, Scurvy
Exclude: scorbutic anaemia (D53.2), sequelae of vitamin C deficiency (E64.2)

**E55*** Vitamin D deficiency
Exclude: adult osteomalacia (M83.-), osteoporosis (M80-M81), sequelae of rickets (E64.3)

- **E55.0*** Rickets, active
  - Osteomalacia: infantile, juvenile
  Exclude:
  - Rickets: coeliac (K90.0), Crohn's (K50.-), inactive (E64.3), vitamin-D-resistant (E83.3), renal (N25.0)

- **E55.9*** Vitamin D deficiency, unspecified
  - Avitaminosis D
**E58**  *Dietary calcium deficiency*

Exclude: disorder of calcium metabolism (E83.5), sequelae of calcium deficiency (E64.8)
CHAPTER IV
Diseases of The Nervous System (G00-G99)

Nerve, Nerve Root and Plexus Disorders (G50-G59)

G54  Nerve root and plexus disorders

Exclude:
current traumatic nerve root and plexus disorders - see nerve injury by body region intervertebral disc disorders (M50-M51)
neuralgia or neuritis NOS (M79.2)
neuritis or radiculitis:

- brachial NOS (M54.1)
- lumbar NOS (M54.1)
- lumbosacral NOS (M54.1)
- thoracic NOS (M54.1)
radiculitis NOS (M54.1)
radiculopathy NOS (M54.1)
spondylosis (M47.-)

G54.0  Brachial plexus disorders
  Thoracic outlet syndrome
G54.1  Lumbosacral plexus disorders
G54.2  Cervical root disorders, not elsewhere classified
G54.3  Thoracic root disorders, not elsewhere classified
G54.4  Lumbosacral root disorders, not elsewhere classified
G54.5  Neuralgic amyotrophy
  Parsonage-Aldren-Turner syndrome
  Shoulder-girdle neuritis
G54.6  Phantom limb syndrome with pain
G54.7  Phantom limb syndrome without pain
  Phantom limb syndrome NOS
G54.8  Other nerve root and plexus disorders
G54.9  Nerve root and plexus disorder, unspecified
**G55**  *Nerve root and plexus compressions in diseases classified elsewhere*

G55.0* Nerve root and plexus compressions in neoplastic disease (C00-D48+)

G55.1* Nerve root and plexus compressions in intervertebral disc disorders (M50-M51+)

G55.2* Nerve root and plexus compressions in spondylosis (M47-+)

G55.3* Nerve root and plexus compressions in other dorsopathies (M45-M46+, M48-+, M53-M54+)

G55.8* Nerve root and plexus compressions in other diseases classified elsewhere

**G56**  *Mononeuropathies of upper limb*

Exclude: current traumatic nerve disorder - see nerve injury by body region

G56.0  Carpal tunnel syndrome

G56.1  Other lesions of median nerve

G56.2  Lesion of ulnar nerve

Tardy ulnar nerve palsy

G56.3  Lesion of radial nerve

G56.4  Causalgia

G56.8  Other mononeuropathies of upper limb

Interdigital neuroma of upper limb

G56.9  Mononeuropathy of upper limb, unspecified

**G57**  *Mononeuropathies of lower limb*

Exclude: current traumatic nerve disorder - see nerve injury by body region

G57.0  Lesion of sciatic nerve

Exclude:

sciatica:

- NOS (M54.3)
- attributed to intervertebral disc disorder (M51.1)

G57.1  Meralgia paraesthetica

Lateral cutaneous nerve of thigh syndrome

G57.2  Lesion of femoral nerve

G57.3  Lesion of lateral popliteal nerve

Peroneal nerve palsy
G57.4  Lesion of medial popliteal nerve
G57.5  Tarsal tunnel syndrome
G57.6  Lesion of plantar nerve
       Morton's metatarsalgia
G57.8  Other mononeuropathies of lower limb
       Interdigital neuroma of lower limb
G57.9  Mononeuropathy of lower limb, unspecified

**Diseases of Myoneural Junction and Muscle (G70-G73)**

**G71  Primary disorders of muscles**

Exclude : arthrogryposis multiplex congenita (Q74.3), metabolic disorders (E70-E90), myositis (M60-)

G71.0  Muscular dystrophy

Muscular dystrophy:
- autosomal recessive, childhood type, resembling Duchenne or Becker
- benign [Becker]
- benign scapuloperoneal with early contractures [Emery-Dreifuss]
- distal
- facioscapulohumeral
- limb-girdle
- ocular
- oculopharyngeal
- scapuloperoneal
- severe [Duchenne]

Exclude : congenital muscular dystrophy :
- NOS (G71.2)
- with specific morphological abnormalities of the muscle fibre (G71.2)

G71.1  Myotonic disorders

Dystrophia myotonica [Steinert]

Myotonia:
- chondrodystrophic
- drug-induced
- symptomatic

Myotonia congenita:
- NOS
- dominant [Thomsen]
- recessive [Becker]

Neuromyotonia [Isaacs]
Paramyotonia congenita

Pseudomyotonia

Use additional external cause code, if desired, to identify drug, if drug-induced.

G71.2 Congenital myopathies

Congenital muscular dystrophy:
- NOS
- with specific morphological abnormalities of the muscle fibre

Disease:
- central core
- minicore
- multicore

Fibre-type disproportion

Myopathy:
- myotubular (centronuclear)
- nemaline

G71.3 Mitochondrial myopathy, not elsewhere classified

G71.8 Other primary disorders of muscles

G71.9 Primary disorder of muscle, unspecified

Hereditary myopathy NOS

G72 Other myopathies

Exclude:
arthrogryposis multiplex congenita (Q74.3)
dermatopolymyositis (M33.-)
ischaemic infarction of muscle (M62.2)
myositis (M60.-)
polymyositis (M33.2)

G72.0 Drug-induced myopathy
Use additional external cause code, if desired, to identify drug.
G72.1 Alcoholic myopathy
G72.2 Myopathy due to other toxic agents
Use additional external cause code, if desired, to identify toxic agent.
G72.3 Periodic paralysis
Periodic paralysis (familial):
  • hyperkalaemic
  • hypokalaemic
  • myotonic
  • normokalaemic
G72.4 Inflammatory myopathy, not elsewhere classified
G72.8 Other specified myopathies
G72.9 Myopathy, unspecified

Cerebral Palsy and Other Paralytic Syndromes (G80-G83)

G80 Cerebral palsy
Exclude : hereditary spastic paraplegia (G11.4)
G80.0 Spastic quadriplegic cerebral palsy
  Spastic tetraplegic cerebral palsy
G80.1 Spastic diplegic cerebral palsy
  Congenital spastic paralysis (cerebral)
  Spastic cerebral palsy NOS
G80.2 Spastic hemiplegic cerebral palsy
G80.3 Dyskinetic cerebral palsy
  Athetoid cerebral palsy
  Dystonic cerebral palsy
G80.4 Ataxic cerebral palsy
G80.8  Other cerebral palsy
       Mixed cerebral palsy syndromes
G80.9  Cerebral palsy, unspecified
       Cerebral palsy NOS
CHAPTER V
Diseases of The Musculoskeletal System and Connective Tissue (M00-M99)

Arthropathies (M00-M25)
Include: Disorders affecting predominantly peripheral (limb) joints

Infectious Arthropathies (M00-M03)
This block comprises arthropathies due to microbiological agents.
Distinction is made between the following types of etiological relationship:
1. direct infection of joint, where organisms invade synovial tissue and microbial antigen is present in the joint;
2. indirect infection, which may be of two types: a reactive arthropathy, where microbial infection of the body is established but neither organisms nor antigens can be identified in the joint, and a postinfective arthropathy, where microbial antigen is present but recovery of an organism is inconstant and evidence of local multiplication is lacking.

M00  Pyogenic arthritis
M00.0  Staphylococcal arthritis and polyarthritis
M00.1  Pneumococcal arthritis and polyarthritis
M00.2  Other streptococcal arthritis and polyarthritis
M00.8  Arthritis and polyarthritis due to other specified bacterial agents
Use additional code (B95-B96), if desired, to identify bacterial agent.
M00.9  Pyogenic arthritis, unspecified
Infected arthritis NOS

M01*  Direct infections of joint in infectious and parasitic diseases classified elsewhere
Exclude: arthropathy in sarcoidosis (M14.8*), postinfective and reactive arthropathy (M03.-*)
M01.0*  Meningococcal arthritis (A39.8+)
Exclude: postmeningoococcal arthritis (M03.0*)
M01.1*  Tuberculous arthritis (A18.0+)
Exclude: of spine (M49.0*)
M01.2* Arthritis in Lyme disease (A69.2+)
M01.3* Arthritis in other bacterial diseases classified elsewhere
Arthritis in:
- leprosy [Hansen's disease] (A30.−+)
- localized salmonella infection (A02.2+)
- typhoid or paratyphoid fever (A01.−+)
Gonococcal arthritis (A54.4+)
M01.4* Rubella arthritis (B06.8+)
M01.5* Arthritis in other viral diseases classified elsewhere
Arthritis in:
- mumps (B26.8+)
- O'nyong-nyong fever (A92.1+)
M01.6* Arthritis in mycoses (B35-B49+)
M01.8* Arthritis in other infectious and parasitic diseases classified elsewhere

M02  Reactive arthropathies
Exclude: Behçet's disease (M35.2), rheumatic fever (I00)
M02.0 Arthropathy following intestinal bypass
M02.1 Postdysentericarthropathy
M02.2 Postimmunizationarthropathy
M02.3 Reiter's disease
M02.8 Other reactive arthropathies
M02.9 Reactive arthropathy, unspecified

M03* Postinfective and reactive arthropathies in diseases classified elsewhere
Exclude: direct infections of joint in infectious and parasitic diseases classified elsewhere (M01.−*)
M03.0* Postmeningococcal arthritis (A39.8+)
Exclude: meningococcal arthritis (M01.0*)
M03.1* Postinfectivearthropathy in syphilis
Clutton's joints (A50.5+)
Exclude: Charcot's or tabeticarthropathy (M14.6*)
M03.2* Otherpostinfectiousarthropathies in diseases classified elsewhere
Postinfectiousarthropathy in:
- enteritis due to Yersinia enterocolitica (A04.6+)
- viral hepatitis (B15-B19+)

Exclude: viral arthropathies (M01.4-M01.5*)

M03.6* Reactive arthropathy in other diseases classified elsewhere

Arthropathy in infective endocarditis (I33.0+)

**Inflammatory Polyarthropathies (M05-M14)**

**M05** *Seropositive rheumatoid arthritis*

Exclude:
- rheumatic fever (I00)
- rheumatoid arthritis (of):
  - juvenile (M08-)
  - spine (M45)

M05.0 Felty's syndrome
Rheumatoid arthritis with splenoadenomegaly and leukopenia

M05.1+ Rheumatoid lung disease (J99.0*)

M05.2 Rheumatoid vasculitis

M05.3+ Rheumatoid arthritis with involvement of other organs and systems
Rheumatoid:
  - carditis (I52.8*)
  - endocarditis (I39.-*)
  - myocarditis (I41.8*)
  - myopathy (G73.7*)
  - pericarditis (I32.8*)
  - polyneuropathy (G63.6*)

M05.8 Other seropositive rheumatoid arthritis

M05.9 Seropositive rheumatoid arthritis, unspecified

**M06** *Other rheumatoid arthritis*

M06.0 Seronegative rheumatoid arthritis

M06.1 Adult-onset Still's disease
Exclude: Still's disease NOS (M08.2)
M06.2  Rheumatoid bursitis
M06.3  Rheumatoid nodule
M06.4  Inflammatory polyarthropathy
Exlude: polyarthritis NOS (M13.0)
M06.8  Other specified rheumatoid arthritis
M06.9  Rheumatoid arthritis, unspecified

M07*  Psoriatic and enteropathic arthropathies
Exlude: juvenile psoriatic and enteropathic arthropathies (M09.-*)
M07.0*  Distal interphalangeal psoriatic arthropathy (L40.5+)
M07.1*  Arthritis mutilans (L40.5+)
M07.2*  Psoriatic spondylitis (L40.5+)
M07.3*  Other psoriatic arthropathies (L40.5+)
M07.4*  Arthropathy in Crohn's disease [regional enteritis] (K50.-+)
M07.5*  Arthropathy in ulcerative colitis (K51.-+)
M07.6*  Other enteropathic arthropathies

M08  Juvenile arthritis
Include: arthritis in children, with onset before 16th birthday and lasting longer than 3 months
Exlude: Felty's syndrome (M05.0), juvenile dermatomyositis (M33.0)
M08.0  Juvenile rheumatoid arthritis
Juvenile rheumatoid arthritis with or without rheumatoid factor
M08.1  Juvenile ankylosing spondylitis
Exlude: ankylosing spondylitis in adults (M45)
M08.2  Juvenile arthritis with systemic onset
Still's disease NOS
Exlude: adult-onset Still's disease (M06.1)
M08.3  Juvenile polyarthritis (seronegative)
Chronic juvenile polyarthritis
M08.4  Pauciarticular juvenile arthritis
M08.8  Other juvenile arthritis
M08.9  Juvenile arthritis, unspecified
**M09**  *Juvenile arthritis in diseases classified elsewhere*

Exclude: arthropathy in Whipple's disease (M14.8*)

M09.0*  Juvenile arthritis in psoriasis (L40.5+)

M09.1*  Juvenile arthritis in Crohn's disease [regional enteritis] (K50.†+)

M09.2*  Juvenile arthritis in ulcerative colitis (K51.†+)

M09.8*  Juvenile arthritis in other diseases classified elsewhere

**M10**  *Gout*

M10.0  Idiopathic gout

Gouty bursitis, Primary gout, Urate tophus of heart+ (I43.8*)

M10.1  Lead-induced gout

M10.2  Drug-induced gout

Use additional external cause code, if desired, to identify drug

M10.3  Gout due to impairment of renal function

Use additional code, if desired, to identify impairment of kidney disease (N17-N19)

M10.4  Other secondary gout

M10.9  Gout, unspecified

**M11**  *Other crystal arthropathies*

M11.0  Hydroxyapatite deposition disease

M11.1  Familial chondrocalcinosis

M11.2  Other chondrocalcinosis

ChondrocalcinosisNOS

M11.8  Other specified crystal arthropathies

M11.9  Crystal arthropathy, unspecified

**M12**  *Other specific arthropathies*

Exclude: arthropathy NOS (M13.9), arthrosis (M15-M19),
cricoarytenoidarthropathy (J38.7)

M12.0  Chronic postrheumaticarthropathy [Jaccoud]

M12.1  Kaschin-Beck disease

M12.2  Villonodularsynovitis (pigmented)

M12.3  Palindromic rheumatism
M12.4  Intermittent hydrarthrosis
M12.5  Traumatic arthropathy
Exclude :
post-traumatic arthrosis (of) :
- NOS (M19.1)
- firstcarpometacarpal joint (M18.2-M18.3)
- hip (M16.4-M16.5)
- knee (M17.2-M17.3)
- other single joints (M19.1)
M12.8  Other specific arthropathies, not elsewhere classified
Transient arthropathy

M13  Other arthritis
Exclude : arthrosis (M15-M19)
M13.0  Polyarthritis, unspecified
M13.1  Monoarthritis, not elsewhere classified
M13.8  Other specified arthritis
Allergic arthritis
M13.9  Arthritis, unspecified
ArthropathyNOS

M14*  Arthropathies in other diseases classified elsewhere
Exclude :
arthropathy in :
- haematological disorders (M36.2-M36.3*)
- hypersensitivity reactions (M36.4*)
- neoplastic disease (M36.1*)
neuropathicspondylopathy (M49.4*)
psoriatic and enteropathicarthropathies (M07.-*)
psoriatic and enteropathicarthropathies juvenile (M09.-*)
M14.0*  Gouty arthropathy due to enzyme defects and other inherited disorders
Gouty arthropathy in :
- Lesch-Nyhan syndrome (E79.1+)
- sickle-cell disorders (D57.-+)
M14.1* Crystal arthropathy in other metabolic disorders
   Crystal arthropathy in hyperparathyroidism (E21.+-)
M14.2* Diabetic arthropathy (E10-E14 with common fourth character .6+)
   Exclude : diabetic neuropathic arthropathy (M14.6*)
M14.3* Lipoid dermatoarthritis (E78.8+)
M14.4* Arthropathy in amyloidosis (E85.-+)
M14.5* Arthropathies in other endocrine, nutritional and metabolic disorders
   Arthropathy in :
   • acromegaly and pituitary gigantism (E22.0+)
   • haemochromatosis (E83.1+)
   • hypothyroidism (E00-E03+)
   • thyrotoxicosis [hyperthyroidism] (E05.-+)
M14.6* Neuropathic arthropathy
   Charcot's or tabeticarthritis (A52.1+)
   Diabetic neuropathic arthropathy (E10-E14 with common fourth character .6+)
M14.8* Arthropathies in other specified diseases classified elsewhere
   Arthropathy in :
   • erythema : multiforme (L51.-+), nodosum (L52+)
   • sarcoidosis (D86.8+)
   • Whipple's disease (K90.8+)

Arthrosis (M15-M19)
In this block the term osteoarthritis is used as a synonym for arthrosis or osteoarthrosis. The term primary has been used with its customary clinical meaning of no underlying or determining condition identified.
   Exclude : osteoarthritis of spine (M47.-)

M15 Polyarthrosis
   Include : arthrosis with mention of more than one site
   Exclude : bilateral involvement of single joint (M16-M19)
M15.0 Primary generalized (osteo)arthrosis
M15.1 Heberden's nodes (with arthropathy)
M15.2 Bouchard's nodes (with arthropathy)
M15.3  Secondary multiple arthrosis  
       Post-traumatic polyarthrosis  
M15.4  Erosive (osteo)arthrosis  
M15.8  Other polyarthrosis  
M15.9  Polyarthrosis, unspecified  
       Generalized osteoarthrosis NOS

**M16**  
*coxarthrosis [arthrosis of hip]*  
M16.0  Primary coxarthrosis, bilateral  
M16.1  Other primary coxarthrosis  
       Primary coxarthrosis : NOS, unilateral  
M16.2  Coxarthrosis resulting from dysplasia, bilateral  
M16.3  Other dysplastic coxarthrosis  
       Dysplastic coxarthrosis : NOS, unilateral  
M16.4  Post-traumatic coxarthrosis, bilateral  
M16.5  Other post-traumatic coxarthrosis  
       Post-traumatic coxarthrosis : NOS, unilateral  
M16.6  Other secondary coxarthrosis, bilateral  
M16.7  Other secondary coxarthrosis  
       Secondary coxarthrosis : NOS, unilateral  
M16.9  Coxarthrosis, unspecified

**M17**  
*gonarthrosis [arthrosis of knee]*  
M17.0  Primary gonarthrosis, bilateral  
M17.1  Other primary gonarthrosis  
       Primary gonarthrosis : NOS, unilateral  
M17.2  Post-traumatic gonarthrosis, bilateral  
M17.3  Other post-traumatic gonarthrosis  
       Post-traumatic gonarthrosis : NOS, unilateral  
M17.4  Other secondary gonarthrosis, bilateral  
M17.5  Other secondary gonarthrosis  
       Secondary gonarthrosis : NOS, unilateral  
M17.9  Gonarthrosis, unspecified
M18  Arthrosis of first carpometacarpal joint
M18.0  Primary arthrosis of first carpometacarpal joints, bilateral
M18.1  Other primary arthrosis of first carpometacarpal joint
Primary arthrosis of first carpometacarpal joint : NOS, unilateral
M18.2  Post-traumatic arthrosis of first carpometacarpal joints, bilateral
M18.3  Other post-traumatic arthrosis of first carpometacarpal joint
Post-traumatic arthrosis of first carpometacarpal joint : NOS, unilateral
M18.4  Other secondary arthrosis of first carpometacarpal joints, bilateral
M18.5  Other secondary arthrosis of first carpometacarpal joint
Secondary arthrosis of first carpometacarpal joint : NOS, unilateral
M18.9  Arthrosis of first carpometacarpal joint, unspecified

M19  Other arthrosis
Exclude : arthrosis of spine (M47.-), hallux rigidus (M20.2), polyarthritis (M15.-)
M19.0  Primary arthrosis of other joints
Primary arthrosis NOS
M19.1  Post-traumatic arthrosis of other joints
Post-traumatic arthrosis NOS
M19.2  Other secondary arthrosis
Secondary arthrosis NOS
M19.8  Other specified arthrosis
M19.9  Arthrosis, unspecified

Other Joint Disorders (M20-M25)
Exclude : joints of the spine (M40-M54)

M20  Acquired deformities of fingers and toes
Exclude :
acquired absence of fingers and toes (Z89.-)
Congenital :
- absence of fingers and toes (Q71.3, Q72.3)
- deformities and malformations of fingers and toes (Q66.-, Q68-Q70, Q74.-)
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M20.0</td>
<td>Deformity of finger(s)</td>
</tr>
<tr>
<td></td>
<td>Boutonnière and swan-neck deformities</td>
</tr>
<tr>
<td></td>
<td>Exclude: clubbing of fingers (R68.3), palmarfascialfibromatosis [Dupuytren] (M72.0), trigger finger (M65.3)</td>
</tr>
<tr>
<td>M20.1</td>
<td>Halluxvalgus (acquired)</td>
</tr>
<tr>
<td></td>
<td>Bunion</td>
</tr>
<tr>
<td>M20.2</td>
<td>Halluxrigidus</td>
</tr>
<tr>
<td>M20.3</td>
<td>Other deformity of hallux (acquired)</td>
</tr>
<tr>
<td></td>
<td>Halluxvarus</td>
</tr>
<tr>
<td>M20.4</td>
<td>Other hammer toe(s) (acquired)</td>
</tr>
<tr>
<td>M20.5</td>
<td>Other deformities of toe(s) (acquired)</td>
</tr>
<tr>
<td>M20.6</td>
<td>Acquired deformity of toe(s), unspecified</td>
</tr>
</tbody>
</table>

**M21** Other acquired deformities of limbs

Exclude:

- acquired absence of limb (Z89.-)
- acquired deformities of fingers or toes (M20.-)

Congenital:
- absence of limbs (Q71-Q73)
- deformities and malformations of limbs (Q65-Q66, Q68-Q74)
  - coxaplana (M91.2)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M21.0</td>
<td>Valgus deformity, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td>Exclude: metatarsus valgus (Q66.6), talipescalcaneovalgus (Q66.4)</td>
</tr>
<tr>
<td>M21.1</td>
<td>Varus deformity, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td>Exclude: metatarsus varus (Q66.2), tibia vara (M92.5)</td>
</tr>
<tr>
<td>M21.2</td>
<td>Flexion deformity</td>
</tr>
<tr>
<td>M21.3</td>
<td>Wrist or foot drop (acquired)</td>
</tr>
<tr>
<td>M21.4</td>
<td>Flat foot [pesplanus] (acquired)</td>
</tr>
<tr>
<td></td>
<td>Exclude: congenital pesplanus (Q66.5)</td>
</tr>
<tr>
<td>M21.5</td>
<td>Acquired clawhand, clubhand, clawfoot and clubfoot</td>
</tr>
<tr>
<td></td>
<td>Exclude: clubfoot, not specified as acquired (Q66.8)</td>
</tr>
<tr>
<td>M21.6</td>
<td>Other acquired deformities of ankle and foot</td>
</tr>
<tr>
<td></td>
<td>Exclude: deformities of toe (acquired) (M20.1-M20.6)</td>
</tr>
<tr>
<td>M21.7</td>
<td>Unequal limb length (acquired)</td>
</tr>
</tbody>
</table>
M21.8 Other specified acquired deformities of limbs
M21.9 Acquired deformity of limb, unspecified

**M22 Orders of patella**
Exclude: dislocation of patella (S83.0)
M22.0 Recurrent dislocation of patella
M22.1 Recurrent subluxation of patella
M22.2 Patellofemoral disorders
M22.3 Other derangements of patella
M22.4 Chondromalacia patellae
M22.8 Other disorders of patella
M22.9 Disorder of patella, unspecified

**M23 Internal derangement of knee**
Exclude: ankylosis (M24.6)
current injury - see injury to the knee and lower leg (S80-S89)
deformity of knee (M21-)
disorders of patella (M22-)
osteochondritis dissecans (M93.2)
recurrant dislocation or subluxation (M24.4)
recurrant dislocation or subluxation
  • patella (M22.0-M22.1)
The following supplementary subclassification to indicate the site of involvement is provided for optional use with appropriate subcategories in M23-; see also note at the beginning of this chapter.

0 Multiple sites
1 Anterior cruciate ligament or Anterior horn of medial meniscus
2 Posterior cruciate ligament or Posterior horn of medial meniscus
3 Medial collateral ligament or Other and unspecified medial meniscus
4 Lateral collateral ligament or Anterior horn of lateral meniscus
5 Posterior horn of lateral meniscus
6 Other and unspecified lateral meniscus
7 Capsular ligament

9 Unspecified ligament or Unspecified meniscus

M23.0 Cystic meniscus
M23.1 Discoid meniscus (congenital)
M23.2 Derangement of meniscus due to old tear or injury
   Old bucket-handle tear
M23.3 Other meniscus derangements
   • Degenerate
   • Detached meniscus
   • Retained
M23.4 Loose body in knee
M23.5 Chronic instability of knee
M23.6 Other spontaneous disruption of ligament(s) of knee
M23.8 Other internal derangements of knee
   Laxity of ligament of knee, Snapping knee
M23.9 Internal derangement of knee, unspecified

M24 Other specific joint derangements

Exclude: current injury - see injury of joint by body region, ganglion (M67.4), snapping knee (M23.8), temporomandibular joint disorders (K07.6)

M24.0 Loose body in joint
   Exclude: loose body in knee (M23.4)
M24.1 Other articular cartilage disorders
   Exclude: chondrocalcinosis (M11.1-M11.2), internal derangement of knee (M23.-), metastatic calcification (E83.5), ochronosis (E70.2)
M24.2 Disorder of ligament
   Instability secondary to old ligament injury, Ligamentous laxity NOS
   Exclude: familial ligamentous laxity (M35.7), knee (M23.5-M23.8)
M24.3 Pathological dislocation and subluxation of joint, not elsewhere classified
   Exclude: dislocation or displacement of joint:
   • congenital - see congenital malformations and deformations of the musculoskeletal system (Q65-Q79)
- current injury - see injury of joints and ligaments by body region
- recurrent (M24.4)

M24.4  Recurrent dislocation and subluxation of joint
Exclude: patella (M22.0-M22.1), vertebral subluxation (M43.3-M43.5)

M24.5  Contracture of joint
Exclude: acquired deformities of limbs (M20-M21), contracture of tendon (sheath) without contracture of joint (M67.1), Dupuytren's contracture (M72.0)

M24.6  Ankylosis of joint
Exclude: spine (M43.2), stiffness of joint without ankylosis (M25.6)

M24.7  Protrusioacetabuli

M24.8  Other specific joint derangements, not elsewhere classified
Exclude: that involving iliotibial band syndrome (M76.3)

M24.9  Joint derangement, unspecified

M25  Other joint disorders, not elsewhere classified
Exclude:
abnormality of gait and mobility (R26.-)
calcification of:
  - bursa (M71.4)
  - shoulder (joint) (M75.3)
  - tendon (M65.2)
deformities classified to M20-M21
difficulty in walking (R26.2)

M25.0  Haemarthrosis
Exclude: current injury - see injury of joint by body region

M25.1  Fistula of joint

M25.2  Flail joint

M25.3  Other instability of joint
Exclude: instability of joint secondary to:
  - old ligament injury (M24.2)
  - removal of joint prosthesis (M96.8)

M25.4  Effusion of joint
Exclude: hydrarthrosis of yaws (A66.6)

M25.5  Pain in joint
M25.6  Stiffness of joint, not elsewhere classified
M25.7  Osteophyte
M25.8  Other specified joint disorders
M25.9  Joint disorder, unspecified

**Systemic Connective Tissue Disorders (M30-M36)**

Include: autoimmune disease:
- NOS
- Systemic collagen (vascular) disease:
  - NOS
  - systemic

Exclude: antiphospholipid syndrome (D68.6), autoimmune disease, single organ or single cell-type (code to relevant condition category)

**M30  Polyarteritis nodosa and related conditions**
M30.0  Polyarteritis nodosa
M30.1  Polyarteritis with lung involvement [Churg-Strauss]
  Allergic granulomatous angiitis
M30.2  Juvenile polyarteritis
M30.3  Mucocutaneous lymph node syndrome [Kawasaki]
M30.8  Other conditions related to polyarteritis nodosa
  Polyangiitis overlap syndrome

**M31  Other necrotizing vasculopathies**
M31.0  Hypersensitivity angiitis
  Goodpasture's syndrome
M31.1  Thrombotic microangiopathy
  Thrombotic thrombocytopenic purpura
M31.2  Lethal midline granuloma
M31.3  Wegener's granulomatosis
  Necrotizing respiratory granulomatosis
M31.4  Aortic arch syndrome [Takayasu]
M31.5  Giant cell arteritis with polymyalgia rheumatica
M31.6  Other giant cell arteritis
M31.7  Microscopic polyangiitis
        Microscopic polyarteritis
        Exclude: polyarteritis nodosa (M30.0)
M31.8  Other specified necrotizing vasculopathies
        Hypocomplementaemic vasculitis
M31.9  Necrotizing vasculopathy, unspecified

M32  Systemic lupus erythematosus
        Exclude: lupus erythematosus (discoid)(NOS) (L93.0)
M32.0  Drug-induced systemic lupus erythematosus
        Use additional external cause code, if desired, to identify drug.
M32.1+  Systemic lupus erythematosus with organ or system involvement
        Libman-Sacks disease (I39.-*)
        Lupus pericarditis (I32.8*)
        Systemic lupus erythematosus with:
        • kidney involvement (N08.5*, N16.4*)
        • lung involvement (J99.1*)
M32.8  Other forms of systemic lupus erythematosus
M32.9  Systemic lupus erythematosus, unspecified

M33  Dermatopolymyositis
M33.0  Juvenile dermatomyositis
M33.1  Other dermatomyositis
M33.2  Polymyositis
M33.9  Dermatopolymyositis, unspecified

M34  Systemic sclerosis
        Include: scleroderma
        Exclude: scleroderma:
        • circumscribed (L94.0)
        • neonatal (P83.8)
M34.0 Progressive systemic sclerosis
M34.1 CR(E)ST syndrome
   Combination of calcinosis, Raynaud's phenomenon, (o)esophageal
dysfunction, sclerodactyly, telangiectasia.
M34.2 Systemic sclerosis induced by drugs and chemicals
   Use additional external cause code, if desired, to identify cause.
M34.8 Other forms of systemic sclerosis
   Systemic sclerosis with:
      • lung involvement+ (J99.1*)
      • myopathy+ (G73.7*)
M34.9 Systemic sclerosis, unspecified

M35 Other systemic involvement of connective tissue
   Exclude : reactive perforating collagenosis (L87.1)
M35.0 Sicca syndrome [Sjögren]
   Sjögren's syndrome with:
      • keratoconjunctivitis+ (H19.3*)
      • lung involvement+ (J99.1*)
      • myopathy+ (G73.7*)
      • renal tubulo-interstitial disorders+ (N16.4*)
M35.1 Other overlap syndromes
   Mixed connective tissue disease
   Exclude : polyangiitis overlap syndrome (M30.8)
M35.2 Behçet's disease
M35.3 Polymyalgia rheumatica
   Exclude : polymyalgia rheumatica with giant cell arteritis (M31.5)
M35.4 Diffuse (eosinophilic) fasciitis
M35.5 Multifocal fibrosclerosis
M35.6 Relapsing panniculitis [Weber-Christian]
   Exclude : panniculitis:
      • NOS (M79.3)
      • lupus (L93.2)
M35.7 Hypermobility syndrome
   Familial ligamentous laxity
Exclude: Ehlers-Danlos syndrome (Q79.6), ligamentous laxity NOS (M24.2)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M35.8</td>
<td>Other specified systemic involvement of connective tissue</td>
</tr>
<tr>
<td>M35.9</td>
<td>Systemic involvement of connective tissue, unspecified</td>
</tr>
</tbody>
</table>

Autoimmune disease (systemic) NOS
Collagen (vascular) disease NOS

**M36**

*Systemic disorders of connective tissue in diseases classified elsewhere*

Exclude: arthropathies in diseases classified elsewhere (M14.-*)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M36.0*</td>
<td>Dermato(poly)myositis in neoplastic disease (C00-D48+)</td>
</tr>
<tr>
<td>M36.1*</td>
<td>Arthropathy in neoplastic disease (C00-D48+)</td>
</tr>
<tr>
<td></td>
<td>Arthropathy in: leukaemia (C91-C95+), malignant histiocytosis (C96.8+),</td>
</tr>
<tr>
<td></td>
<td>multiple myeloma (C90.0+)</td>
</tr>
<tr>
<td>M36.2*</td>
<td>Haemophilic arthropathy (D66-D68+)</td>
</tr>
<tr>
<td>M36.3*</td>
<td>Arthropathy in other blood disorders (D50-D76+)</td>
</tr>
</tbody>
</table>

Exclude: arthropathy in Henoch(-Schönlein) purpura (M36.4*)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M36.4*</td>
<td>Arthropathy in hypersensitivity reactions classified elsewhere</td>
</tr>
<tr>
<td></td>
<td>Arthropathy in Henoch(-Schönlein) purpura (D69.0+)</td>
</tr>
</tbody>
</table>

M36.8*

*Systemic disorders of connective tissue in other diseases classified elsewhere*

Systemic disorders of connective tissue in:

- hypogammaglobulinaemia (D80.-+)
- ochronosis (E70.2+)

**Dorsopathies (M40-M54)**

The following supplementary subclassification to indicate the site of involvement is provided for optional use with appropriate categories in the block on dorsopathies, except categories M50 and M51; see also note at the beginning of this chapter.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Multiple sites in spine</td>
</tr>
<tr>
<td>1</td>
<td>Occipito-atlanto-axial region</td>
</tr>
<tr>
<td>2</td>
<td>Cervical region</td>
</tr>
<tr>
<td>3</td>
<td>Cervicothoracic region</td>
</tr>
<tr>
<td>4</td>
<td>Thoracic region</td>
</tr>
<tr>
<td>5</td>
<td>Thoracolumbar region</td>
</tr>
</tbody>
</table>
6 Lumbar region
7 Lumbosacral region
8 Sacral and sacrococcygeal region
9 Site unspecified

Deforming Dorsopathies (M40-M43)

**M40** *Kyphosis and lordosis*

Exclude:

- Kyphoscoliosis (M41-)

Kyphosis and lordosis:
- congenital (Q76.4)
- postprocedural (M96-)

M40.0 Postural kyphosis

Exclude: osteochondrosar  of spine (M42-)

M40.1 Other secondary kyphosis

M40.2 Other and unspecified kyphosis

M40.3 Flatback syndrome

M40.4 Other lordosis

Lordosis: acquired, postural

M40.5 Lordosis, unspecified

**M41** *Scoliosis*

Include: kyphoscoliosis

Exclude:

- Congenital scoliosis:
  - NOS (Q67.5)
  - Due to bony malformation (Q76.3)
  - Postural (Q67.5)

- Kyphoscoliotic heart disease (I27.1)

- Postprocedural (M96-)

M41.0 Infantile idiopathic scoliosis

M41.1 Juvenile idiopathic scoliosis
Adolescent scoliosis

M41.2 Other idiopathic scoliosis
M41.3 Thoracogenic scoliosis
M41.4 Neuromuscular scoliosis
Scoliosis secondary to cerebral palsy, Friedreich's ataxia, poliomyelitis, and other neuromuscular disorders
M41.5 Other secondary scoliosis
M41.8 Other forms of scoliosis
M41.9 Scoliosis, unspecified

M42 Spinal osteochondrosis
Exclude: postural kyphosis (M40.0)
M42.0 Juvenile osteochondrosis of spine
Calvé's disease
Scheuermann's disease
Exclude: postural kyphosis (M40.0)
M42.1 Adult osteochondrosis of spine
M42.9 Spinal osteochondrosis, unspecified

M43 Other deforming dorsopathies
Exclude:
congenital spondylolysis and spondylolisthesis (Q76.2)
hemivertebra (Q76.3-Q76.4)
Klippel-Feil syndrome (Q76.1)
lumbarization and sacralization (Q76.4)
platyspondylisis (Q76.4)
spina bifida occulta (Q76.0)
spinal curvature in:
- osteoporosis (M80-M81)
- Paget's disease of bone [osteitis deformans] (M88.-)
M43.0 Spondylolysis
M43.1 Spondylolisthesis
M43.2 Other fusion of spine
Ankylosis of spinal joint
Exclude: ankylosing spondylitis (M45), arthrodesis status (Z98.1), pseudoarthrosis after fusion or arthrodesis (M96.0)

M43.3 Recurrent atlantoaxial subluxation with myelopathy
M43.4 Other recurrent atlantoaxial subluxation
M43.5 Other recurrent vertebral subluxation
Exclude: biomechanical lesions NEC (M99.-)
M43.6 Torticollis
Exclude: Torticollis:
- congenital (sternomastoid) (Q68.0)
- current injury - see injury of spine by body region
- due to birth injury (P15.2)
- psychogenic (F45.8)
- spasmodic (G24.3)
M43.8 Other specified deforming dorsopathies
Exclude: kyphosis and lordosis (M40.-), scoliosis (M41.-)
M43.9 Deforming dorsopathy, unspecified
Curvature of spine NOS

Spondylopathies (M45-M49)

M45 Ankylosing spondylitis
Include: Rheumatoid arthritis of spine
Exclude: arthropathy in Reiter's disease (M02.3), Behçet's disease (M35.2), juvenile (ankylosing) spondylitis (M08.1)

M46 Other inflammatory spondylopathies
M46.0 Spinal enthesopathy
Disorder of ligamentous or muscular attachments of spine
M46.1 Sacroiliitis, not elsewhere classified
M46.2 Osteomyelitis of vertebra
M46.3 Infection of intervertebral disc (pyogenic)
Use additional code (B95-B97), if desired, to identify infectious agent
M46.4 Discitis, unspecified
M46.5 Other infective spondylopathies
M46.8 Other specified inflammatory spondylopathies
M46.9 Inflammatory spondylopathy, unspecified

M47 Spondylosis
Include: arthrosis or osteoarthritis of spine, degeneration of facet joints
M47.0+ Anterior spinal and vertebral artery compression syndromes (G99.2*)
M47.1 Other spondylosis with myelopathy
Spondylogenic compression of spinal cord+ (G99.2*)
Exclude: vertebral subluxation (M43.3-M43.5)
M47.2 Other spondylosis with radiculopathy
M47.8 Other spondylosis
- Cervical spondylosis without myelopathy or
- Lumbosacral spondylosis without myelopathy or radiculopathy
- Thoracic spondylosis without myelopathy or radiculopathy
M47.9 Spondylosis, unspecified

M48 Other spondylopathies
M48.0 Spinal stenosis
Caudal stenosis
M48.1 Ankylosing hyperostosis [Forestier]
Diffuse idiopathic skeletal hyperostosis [DISH]
M48.2 Kissing spine
M48.3 Traumatic spondylopathy
M48.4 Fatigue fracture of vertebra
Stress fracture of vertebra
M48.5 Collapsed vertebra, not elsewhere classified
Collapsed vertebra NOS, Wedging of vertebra NOS
Exclude: collapsed vertebra in osteoporosis (M80.-), current injury - see injury of spine by body region.
M48.8 Other specified spondylopathies
Ossification of posterior longitudinal ligament
M48.9 Spondylopathy, unspecified
M49* Spondylopathies in diseases classified elsewhere
Exclude: psoriatic and enteropathic arthropathies (M07.*, M09.4*)
M49.0* Tuberculosis of spine (A18.0+)
   Pott's curvature
M49.1* Brucella spondylitis (A23.4+)
M49.2* Enterobacterial spondylitis (A01-A04+)
M49.3* Spondylopathy in other infectious and parasitic diseases classified elsewhere
Exclude: neuropathic spondylopathy in tabes dorsalis (M49.4*)
M49.4* Neuropathic spondylopathy
   Neuropathic spondylopathy in:
      • syringomyelia and syringobulbia (G95.0+)
      • tabes dorsalis (A52.1+)
M49.5* Collapsed vertebra in diseases classified elsewhere
   Metastatic fracture of vertebra (C79.5+)
M49.8* Spondylopathy in other diseases classified elsewhere

Other Dorsopathies (M50-M54)
Exclude: current injury - see injury of spine by body region, discitis NOS (M46.4)

M50 Cervical disc disorders
Include: cervical disc disorders with cervicalgia, cervicothoracic disc disorders
M50.0+ Cervical disc disorder with myelopathy (G99.2+)
M50.1 Cervical disc disorder with radiculopathy
Exclude: brachial radiculitis NOS (M54.1)
M50.2 Other cervical disc displacement
M50.3 Other cervical disc degeneration
M50.8 Other cervical disc disorders
M50.9 Cervical disc disorder, unspecified

M51 Other intervertebral disc disorders
Include: thoracic, thoracolumbar and lumbosacral disc disorders
M51.0+ Lumbar and other intervertebral disc disorders with myelopathy (G99.2+)
M51.1+ Lumbar and other intervertebral disc disorders with radiculopathy (G55.1+)
   Sciatica due to intervertebral disc disorder
Exclude: lumbar radiculitis NOS (M54.1)

M51.2 Other specified intervertebral disc displacement
Lumbago due to displacement of intervertebral disc

M51.3 Other specified intervertebral disc degeneration

M51.4 Schmorl's nodes

M51.8 Other specified intervertebral disc disorders

M51.9 Intervertebral disc disorder, unspecified

M53 Other dorsopathies, not elsewhere classified

M53.0 Cervicocranial syndrome
Posterior cervical sympathetic syndrome

M53.1 Cervicobrachial syndrome
Exclude: cervical disc disorder (M50.-), thoracic outlet syndrome (G54.0)

M53.2 Spinal instabilities

M53.3 Sacrococcygeal disorders, not elsewhere classified
Coccygodynia

M53.8 Other specified dorsopathies

M53.9 Dorsopathy, unspecified

M54 Dorsalgia

Exclude: psychogenic dorsalgia (F45.4)

M54.0 Panniculitis affecting regions of neck and back
Exclude: panniculitis:
  • NOS (M79.3)
  • lupus (L93.2)
  • relapsing [Weber-Christian] (M35.6)

M54.1 Radiculopathy

Neuritis or radiculitis:
  • brachial NOS
  • lumbar NOS
  • lumbosacral NOS
  • thoracic NOS

Radiculitis NOS
Exclude:
neuralgia and neuritis NOS (M79.2)
radiculopathy with:
  - cervical disc disorder (M50.1)
  - lumbar and other intervertebral disc disorder (M51.1)
  - spondylosis (M47.2)

M54.2 Cervicalgia
Exclude: cervicalgia due to intervertebral cervical disc disorder (M50.-)

M54.3 Sciatica
Exclude:
lesion of sciatic nerve (G57.0)
sciatica:
  - due to intervertebral disc disorder (M51.1)
  - with lumbago (M54.4)

M54.4 Lumbago with sciatica
Exclude: that due to intervertebral disc disorder (M51.1)

M54.5 Low back pain
Loin pain
Low back strain
Lumbago NOS
Exclude: lumbago:
  - due to intervertebral disc displacement (M51.2)
  - with sciatica (M54.4)

M54.6 Pain in thoracic spine
Exclude: pain due to intervertebral disc disorder (M51.-)

M54.8 Other dorsalgia
M54.9 Dorsalgia, unspecified
Backache NOS

Soft Tissue Disorders (M60-M79)

Disorders of muscles (M60-M63)
Exclude: dermatopolymyositis (M33.-)
  muscular dystrophies and myopathies (G71-G72)
  myopathy in:
- amyloidosis (E85.-)
- polyarteritis nodosa (M30.0)
- rheumatoid arthritis (M05.3)
- scleroderma (M34.-)
- Sjögren's syndrome (M35.0)
- systemic lupus erythematosus (M32.-)

**M60**  
*Myositis*

M60.0  Infective myositis

Tropical pyomyositis

Use additional code (B95-B97), if desired, to identify infectious agent.

M60.1  Interstitial myositis

M60.2  Foreign body granuloma of soft tissue, not elsewhere classified

Exclude: foreign body granuloma of skin and subcutaneous tissue (L92.3)

M60.8  Other myositis

M60.9  Myositis, unspecified

**M61**  
*Calcification and ossification of muscle*

M61.0  Myositis ossificans traumatica

M61.1  Myositis ossificans progressiva

Fibrodysplasia ossificans progressiva

M61.2  Paralytic calcification and ossification of muscle

Myositis ossificans associated with quadriplegia or paraplegia

M61.3  Calcification and ossification of muscles associated with burns

Myositis ossificans associated with burns

M61.4  Other calcification of muscle

Exclude: calcific tendinitis (M65.2), calcific tendinitis of shoulder (M75.3)

M61.5  Other ossification of muscle

M61.9  Calcification and ossification of muscle, unspecified

**M62**  
*Other disorders of muscle*

Exclude:

- cramp and spasm (R25.2)
- myalgia (M79.1)
myopathy:
- alcoholic (G72.1)
- drug-induced (G72.0)

stiff-man syndrome (G25.8)

M62.0  Diastasis of muscle

M62.1  Other rupture of muscle (nontraumatic)
Excluding: rupture of tendon (M66.-), traumatic rupture of muscle - see injury of muscle by body region

M62.2  Ischaemic infarction of muscle

Compartment syndrome, non-traumatic
Excluding: compartment syndrome, traumatic (T79.6), traumatic ischaemia of muscle (T79.6), Volkmann's ischaemic contracture (T79.6)

M62.3  Immobility syndrome (paraplegic)

M62.4  Contracture of muscle
Excluding: contracture of joint (M24.5)

M62.5  Muscle wasting and atrophy, not elsewhere classified
Disuse atrophy NEC

M62.6  Muscle strain
Excluding: current injury - see injury of muscle by body region

M62.8  Other specified disorders of muscle
Muscle (sheath) hernia

M62.9  Disorder of muscle, unspecified

\*M63*  Disorders of muscle in diseases classified elsewhere
Excluding:
myopathy in:
- endocrine diseases (G73.5*)
- metabolic diseases (G73.6*)

M63.0*  Myositis in bacterial diseases classified elsewhere
Myositis in: leprosy [Hansen's disease] (A30.-+)
syphilis (A51.4+, A52.7+)

M63.1*  Myositis in protozoal and parasitic infections classified elsewhere
Myositis in: cysticercosis (B69.8+), schistosomiasis [bilharziasis] (B65.-+), toxoplasmosis (B58.8+), trichinellosis (B75+)
M63.2*  Myositis in other infectious diseases classified elsewhere
Myositis in mycosis (B35-B49+)
M63.3*  Myositis in sarcoidosis (D86.8+)
M63.8*  Other disorders of muscle in diseases classified elsewhere

Disorders of Synovium and Tendon (M65-M68)

M65  Synovitis and tenosynovitis
Exclude : chronic crepitant synovitis of hand and wrist (M70.0), current injury
- see injury of ligament or tendon by body region soft tissue disorders related
to use, overuse and pressure (M70.-)
M65.0  Abscess of tendon sheath
Use additional code (B95-B96), if desired, to identify bacterial agent
M65.1  Other infective (teno)synovitis
M65.2  Calcific tendinitis
Exclude : of shoulder (M75.3), specified tendinitis (M75-M77)
M65.3  Trigger finger
Nodular tendinous disease
M65.4  Radial styloid tenosynovitis [de Quervain]
M65.8  Other synovitis and tenosynovitis
Irritable hip
M65.9  Synovitis and tenosynovitis, unspecified

M66  Spontaneous rupture of synovium and tendon
Include : rupture that occurs when a normal force is applied to tissues that are
inferred to have less than normal strength
Exclude : rotator cuff syndrome (M75.1), rupture where an abnormal force is
applied to normal tissue - see injury of tendon by body region
M66.0  Rupture of popliteal cyst
M66.1  Rupture of synovium
Rupture of synovial cyst
Exclude : rupture of popliteal cyst (M66.0)
M66.2  Spontaneous rupture of extensor tendons
M66.3  Spontaneous rupture of flexor tendons
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M66.4</td>
<td>Spontaneous rupture of other tendons</td>
</tr>
<tr>
<td>M66.5</td>
<td>Spontaneous rupture of unspecified tendon</td>
</tr>
<tr>
<td></td>
<td>Rupture at musculotendinous junction, nontraumatic</td>
</tr>
<tr>
<td><strong>M67</strong></td>
<td><strong>Other disorders of synovium and tendon</strong></td>
</tr>
<tr>
<td>M67.0</td>
<td>Short Achilles tendon (acquired)</td>
</tr>
<tr>
<td>M67.1</td>
<td>Other contracture of tendon (sheath)</td>
</tr>
<tr>
<td></td>
<td>Exclude : with contracture of joint (M24.5)</td>
</tr>
<tr>
<td>M67.2</td>
<td>Synovial hypertrophy, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td>Exclude : villonodular synovitis (pigmented) (M12.2)</td>
</tr>
<tr>
<td>M67.3</td>
<td>Transient synovitis</td>
</tr>
<tr>
<td></td>
<td>Toxic synovitis</td>
</tr>
<tr>
<td></td>
<td>Exclude : palindromic rheumatism (M12.3)</td>
</tr>
<tr>
<td>M67.4</td>
<td>Ganglion</td>
</tr>
<tr>
<td></td>
<td>Ganglion of joint or tendon (sheath)</td>
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<tr>
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<td>Exclude :</td>
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<tr>
<td></td>
<td>cyst of:</td>
</tr>
<tr>
<td></td>
<td>• bursa (M71.2-M71.3)</td>
</tr>
<tr>
<td></td>
<td>• synovium (M71.2-M71.3)</td>
</tr>
<tr>
<td></td>
<td>ganglion in yaws (A66.6)</td>
</tr>
<tr>
<td>M67.8</td>
<td>Other specified disorders of synovium and tendon</td>
</tr>
<tr>
<td>M67.9</td>
<td>Disorder of synovium and tendon, unspecified</td>
</tr>
<tr>
<td><strong>M68</strong></td>
<td><strong>Disorders of synovium and tendon in diseases classified elsewhere</strong></td>
</tr>
<tr>
<td>M68.0*</td>
<td>Synovitis and tenosynovitis in bacterial diseases classified elsewhere</td>
</tr>
<tr>
<td></td>
<td>Synovitis or tenosynovitis in:</td>
</tr>
<tr>
<td></td>
<td>• gonorrhoea (A54.4+)</td>
</tr>
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<td></td>
<td>• syphilis (A52.7+)</td>
</tr>
<tr>
<td></td>
<td>• tuberculosis (A18.0+)</td>
</tr>
<tr>
<td>M68.8*</td>
<td>Other disorders of synovium and tendon in diseases classified elsewhere</td>
</tr>
</tbody>
</table>
Other Soft Tissue Disorders (M70-M79)

M70  Soft tissue disorders related to use, overuse and pressure
Include: soft tissue disorders of occupational origin
Exclude:
bursitis (of):
  • NOS (M71.9)
  • shoulder (M75.5)
decubitus ulcer and pressure area (L89.-)
encephalopathy (M76-M77)
M70.0 Chronic crepitant synovitis of hand and wrist
M70.1 Bursitis of hand
M70.2 Olecranon bursitis
M70.3 Other bursitis of elbow
M70.4 Prepatellar bursitis
M70.5 Other bursitis of knee
M70.6 Trochanteric bursitis
Trochanteric tendinitis
M70.7 Other bursitis of hip
  Ischial bursitis
M70.8 Other soft tissue disorders related to use, overuse and pressure
M70.9 Unspecified soft tissue disorder related to use, overuse and pressure

M71  Other bursopathies
Exclude: bunion (M20.1), bursitis related to use, overuse and pressure (M70.-),
encephalopathy (M76-M77)
M71.0 Abscess of bursa
M71.1 Other infective bursitis
M71.2 Synovial cyst of popliteal space [Baker]
  Exclude: with rupture (M66.0)
M71.3 Other bursal cyst
  Synovial cyst NOS
  Exclude: synovial cyst with rupture (M66.1)
M71.4 Calcium deposit in bursa
Exclude: of shoulder (M75.3)

M71.5 Other bursitis, not elsewhere classified
Exclude:
bursitis (of):
  • NOS (M71.9)
  • shoulder (M75.5)
  • tibial collateral [Pellegrini-Stieda] (M76.4)

M71.8 Other specified bursopathies
M71.9 Bursopathy, unspecified
Bursitis NOS

**M72**  
*Fibroblastic disorders*
Exclude: retroperitoneal fibromatosis (D48.3)

M72.0 Palmar fascial fibromatosis [Dupuytren]
M72.1 Knuckle pads
M72.2 Plantar fascial fibromatosis
  Plantar fasciitis
M72.4 Pseudosarcomatous fibromatosis
  Nodular fasciitis
M72.6 Necrotizing fasciitis
Use additional code, if desired, to identify infectious agent

M72.8 Other fibroblastic disorders
Abscess of fascia
Exclude:
fasciitis:
  • diffuse (eosinophilic) (M35.4)
  • necrotizing (M72.6)
  • nodular (M72.4)
  • perirenal:
    o NOS (N13.5)
    o with infection (N13.6)
  • plantar (M72.2)

M72.9 Fibroblastic disorder, unspecified
Fasciitis NOS, Fibromatosis NOS
**M73**  
*Soft tissue disorders in diseases classified elsewhere*

M73.0*  Gonococcal bursitis (A54.4+)
M73.1*  Syphilitic bursitis (A52.7+)
M73.8*  Other soft tissue disorders in diseases classified elsewhere

**M75**  
*Shoulder lesions*

Exclude: shoulder-hand syndrome (M89.0)

M75.0  Adhesive capsulitis of shoulder
Frozen shoulder, Periarthritis of shoulder

M75.1  Rotator cuff syndrome
Rotator cuff or supraspinatus tear or rupture (complete) (incomplete), not specified as traumatic, Supraspinatus syndrome

M75.2  Bicipital tendinitis

M75.3  Calcific tendinitis of shoulder
Calcified bursa of shoulder

M75.4  Impingement syndrome of shoulder

M75.5  Bursitis of shoulder

M75.8  Other shoulder lesions

M75.9  Shoulder lesion, unspecified

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

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.

Exclude: bursitis due to use, overuse and pressure (M70-)

M76.0  Gluteal tendinitis

M76.1  Psoas tendinitis

M76.2  Iliac crest spur

M76.3  Iliotibial band syndrome

M76.4  Tibial collateral bursitis [Pellegrini-Stieda]

M76.5  Patellar tendinitis

M76.6  Achilles tendinitis
Achilles bursitis
M76.7   Peroneal tendinitis
M76.8   Other enthesopathies of lower limb, excluding foot
        Anterior tibial syndrome, Posterior tibial tendinitis
M76.9   Enthesopathy of lower limb, unspecified

**M77   Other enthesopathies**

Exclude:

bursitis:
- NOS (M71.9)
- due to use, overuse and pressure (M70.-)

osteophyte (M25.7)

spinal enthesopathy (M46.0)

M77.0   Medial epicondylitis
M77.1   Lateral epicondylitis
        Tennis elbow
M77.2   Periarthritis of wrist
M77.3   Calcaneal spur
M77.4   Metatarsalgia
        Exclude: Morton's metatarsalgia (G57.6)
M77.5   Other enthesopathy of foot
M77.8   Other enthesopathies, not elsewhere classified
M77.9   Enthesopathy, unspecified
        Bone spur NOS, Capsulitis NOS, Periarthritis NOS, Tendinitis NOS

**M79   Other soft tissue disorders, not elsewhere classified**

Exclude: soft tissue pain, psychogenic (F45.4)

M79.0   Rheumatism, unspecified
        Exclude: fibromyalgia (M79.7), palindromic rheumatism (M12.3)
M79.1   Myalgia
        Exclude: myositis (M60.-)
M79.2   Neuralgia and neuritis, unspecified
        Exclude:
        mononeuropathies (G56-G58)
        radiculitis:
- NOS (M54.1)
- brachial NOS (M54.1)
- lumbosacral NOS (M54.1)
- sciatica (M54.3-M54.4)

M79.3 Panniculitis, unspecified
Exclude:
panniculitis:
- lupus (L93.2)
- neck and back (M54.0)
- relapsing [Weber-Christian] (M35.6)

M79.4 Hypertrophy of (infrapatellar) fat pad

M79.5 Residual foreign body in soft tissue
Exclude:
foreign body granuloma of:
- skin and subcutaneous tissue (L92.3)
- soft tissue (M60.2)

M79.6 Pain in limb
M79.7 Fibromyalgia
Fibromyositis, Fibrositis, Myofibrositis

M79.8 Other specified soft tissue disorders

M79.9 Soft tissue disorder, unspecified

Ostheopathies and Chondropathies (M80-M94)

Disorders of Bone Density and Structure (M80-M85)

**M80 Osteoporosis with pathological fracture**
Include: osteoporotic vertebral collapse and wedging
Exclude: collapsed vertebra NOS (M48.5), pathological fracture NOS (M84.4), wedging of vertebra NOS (M48.5)

M80.0 Postmenopausal osteoporosis with pathological fracture
M80.1 Postoophorectomy osteoporosis with pathological fracture
M80.2 Osteoporosis of disuse with pathological fracture
M80.3 Postsurgical malabsorption osteoporosis with pathological fracture
M80.4  Drug-induced osteoporosis with pathological fracture
Use additional external cause code, if desired, to identify drug
M80.5  Idiopathic osteoporosis with pathological fracture
M80.8  Other osteoporosis with pathological fracture
M80.9  Unspecified osteoporosis with pathological fracture

**M81**  
Osteoporosis without pathological fracture
Exclude: osteoporosis with pathological fracture (M80-)
M81.0  Postmenopausal osteoporosis
M81.1  Postoophorectomy osteoporosis
M81.2  Osteoporosis of disuse
Exclude: Sudeck's atrophy (M89.0)
M81.3  Postsurgical malabsorption osteoporosis
M81.4  Drug-induced osteoporosis
Use additional external cause code, if desired, to identify drug
M81.5  Idiopathic osteoporosis
M81.6  Localized osteoporosis [Lequesne]
Exclude: Sudeck's atrophy (M89.0)
M81.8  Other osteoporosis
Senile osteoporosis
M81.9  Osteoporosis, unspecified

**M82***  
Osteoporosis in diseases classified elsewhere
M82.0*  Osteoporosis in multiple myelomatoses (C90.0+)
M82.1*  Osteoporosis in endocrine disorders (E00-E34+)
M82.8*  Osteoporosis in other diseases classified elsewhere

**M83**  
Adult osteomalacia
Exclude:
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)

rickets (active) (E55.0)

rickets (active)
  • sequelae (E64.3)
  • vitamin-D-resistant (E83.3)

M83.0 Puerperal osteomalacia
M83.1 Senile osteomalacia
M83.2 Adult osteomalacia due to malabsorption
  Postsurgical malabsorption osteomalacia in adults
M83.3 Adult osteomalacia due to malnutrition
M83.4 Aluminium bone disease
M83.5 Other drug-induced osteomalacia in adults
  Use additional external cause code, if desired, to identify drug
M83.8 Other adult osteomalacia
M83.9 Adult osteomalacia, unspecified

M84 Disorders of continuity of bone

M84.0 Malunion of fracture
M84.1 Nonunion of fracture [pseudarthrosis]
  Exclude : pseudarthrosis after fusion or arthrodesis (M96.0)
M84.2 Delayed union of fracture
M84.3 Stress fracture, not elsewhere classified
  Stress fracture NOS
  Exclude : stress fracture of vertebra (M48.4)
M84.4 Pathological fracture, not elsewhere classified
  Pathological fracture NOS
  Exclude : collapsed vertebra NEC (M48.5), pathological fracture in osteoporosis (M80.-)
M84.8 Other disorders of continuity of bone
M84.9 Disorder of continuity of bone, unspecified
**M85**  
*Other disorders of bone density and structure*

Exclude: osteogenesis imperfecta (Q78.0), osteopetrosis (Q78.2), osteopoikilosis (Q78.8), polyostotic fibrous dysplasia (Q78.1)

M85.0  
Fibrous dysplasia (monostotic)  
Exclude:  
fibrous dysplasia of jaw (K10.8)

M85.1  
Skeletal fluorosis

M85.2  
Hyperostosis of skull

M85.3  
Osteitis condensans

M85.4  
Solitary bone cyst  
Exclude: solitary cyst of jaw (K09.1-K09.2)

M85.5  
Aneurysmal bone cyst  
Exclude: aneurysmal cyst of jaw (K09.2)

M85.6  
Other cyst of bone  
Exclude:  
cyst of jaw NEC (K09.1-K09.2)  
oneitis fibrocysta cystica generalisata [von Recklinghausen's disease of bone] (E21.0)

M85.8  
Other specified disorders of bone density and structure  
Hyperostosis of bones (except skull), Osteosclerosis (acquired)  
Exclude:  
diffuse idiopathic skeletal hyperostosis [DISH] (M48.1)  
osteosclerosis:  
- congenita (Q77.4)  
- myelofibrosis (D75.8)

M85.9  
Disorder of bone density and structure, unspecified

**Other Osteopathies (M86-M90)**

Exclude: postprocedural osteopathies (M96.-)

**M86**  
*Osteomyelitis*

Use additional code (B95-B97), if desired, to identify infectious agent.  
Exclude:  
osteomyelitis (of):
- due to salmonella (A01-A02)
- jaw (K10.2)
- vertebra (M46.2)

M86.0  Acute haematogenous osteomyelitis
M86.1  Other acute osteomyelitis
M86.2  Subacute osteomyelitis
M86.3  Chronic multifocal osteomyelitis
M86.4  Chronic osteomyelitis with draining sinus
M86.5  Other chronic haematogenous osteomyelitis
M86.6  Other chronic osteomyelitis
M86.8  Other osteomyelitis
   Brodie's abscess
M86.9  Osteomyelitis, unspecified
   Infection of bone NOS
   Periostitis without mention of osteomyelitis

**M87  Osteonecrosis**
   Include : avascular necrosis of bone
   Exclude : osteochondropathies (M91-M93)
M87.0  Idiopathic aseptic necrosis of bone
M87.1  Osteonecrosis due to drugs
   Use additional external cause code, if desired, to identify drug.
M87.2  Osteonecrosis due to previous trauma
M87.3  Other secondary osteonecrosis
M87.8  Other osteonecrosis
M87.9  Osteonecrosis, unspecified

**M88  Paget's disease of bone [osteitis deformans]**
M88.0  Paget's disease of skull
M88.8  Paget's disease of other bones
M88.9  Paget's disease of bone, unspecified

**M89  Other disorders of bone**
M89.0  Algoneurodystrophy
Shoulder-hand syndrome, Sudeck's atrophy, Sympathetic reflex dystrophy

M89.1 Epiphyseal arrest
M89.2 Other disorders of bone development and growth
M89.3 Hypertrophy of bone
M89.4 Other hypertrophic osteoarthropathy
Marie-Bamberger disease, Pachydermoperiostosis
M89.5 Osteolysis
M89.6 Osteopathy after poliomyelitis
Use additional code (B91), if desired, to identify previous poliomyelitis.
Exclude: postpolio syndrome (G14)
M89.8 Other specified disorders of bone
Infantile cortical hyperostosis, Post-traumatic subperiosteal ossification
M89.9 Disorder of bone, unspecified

**M90** Osteopathies in diseases classified elsewhere

M90.0* Tuberculosis of bone (A18.0+)
Exclude: tuberculosis of spine (M49.0*)
M90.1* Periostitis in other infectious diseases classified elsewhere
Secondary syphilitic periostitis (A51.4+)
M90.2* Osteopathy in other infectious diseases classified elsewhere
Osteomyelitis:
- echinococcal (B67.2+)
- gonococcal (A54.4+)
- salmonella (A02.2+)
Syphilitic osteopathy or osteochondropathy (A50.5+, A52.7+)
M90.3* Osteonecrosis in caisson disease (T70.3+)
M90.4* Osteonecrosis due to haemoglobinopathy (D50-D64+)
M90.5* Osteonecrosis in other diseases classified elsewhere
M90.6* Osteitis deformans in neoplastic disease (C00-D48+)
Osteitis deformans in malignant neoplasm of bone (C40-C41+)
M90.7* Fracture of bone in neoplastic disease (C00-D48+)
Exclude: collapse of vertebra in neoplastic disease (M49.5*)
M90.8* Osteopathy in other diseases classified elsewhere
Osteopathy in renal osteodystrophy (N25.0+)
Chondropathies (M91-M94)
Exclude : postprocedural chondropathies (M96-)

**M91**  
**Juvenile osteochondrosis of hip and pelvis**
Exclude : slipped upper femoral epiphysis (nontraumatic) (M93.0)
M91.0 Juvenile osteochondrosis of pelvis
Osteochondrosis (juvenile) of:
- acetabulum
- iliac crest [Buchanan]
- ischiopubic synchondrosis [van Neck]
- symphysis pubis [Pierson]
M91.1 Juvenile osteochondrosis of head of femur [Legg-Calvé-Perthes]
M91.2 Coxa plana
Hip deformity due to previous juvenile osteochondrosis
M91.3 Pseudocoxalgia
M91.8 Other juvenile osteochondrosis of hip and pelvis
Juvenile osteochondrosis after reduction of congenital dislocation of hip
M91.9 Juvenile osteochondrosis of hip and pelvis, unspecified

**M92**  
**Other juvenile osteochondrosis**
M92.0 Juvenile osteochondrosis of humerus
Osteochondrosis (juvenile) of:
- capitulum of humerus [Panner]
- head of humerus [Haas]
M92.1 Juvenile osteochondrosis of radius and ulna
Osteochondrosis (juvenile) of:
- lower ulna [Burns]
- radial head [Brailsford]
M92.2 Juvenile osteochondrosis of hand
Osteochondrosis (juvenile) of:
- carpal lunate [Kienböck]
- metacarpal heads [Mauclaire]
M92.3 Other juvenile osteochondrosis of upper limb
M92.4 Juvenile osteochondrosis of patella
Osteochondrosis (juvenile) of:
- primary patellar centre [Köhler]
- secondary patellar centre [Sinding-Larsen]

M92.5 Juvenile osteochondrosis of tibia and fibula

Osteochondrosis (juvenile) of:
- proximal tibia [Blount]
- tibial tubercle [Osgood-Schlatter]

Tibia vara

M92.6 Juvenile osteochondrosis of tarsus

Osteochondrosis (juvenile) of:
- calcaneum [Sever]
- os tibiale externum [Haglund]
- talus [Diaz]
- tarsal navicular [Köhler]

M92.7 Juvenile osteochondrosis of metatarsus

Osteochondrosis (juvenile) of:
- fifth metatarsus [Iselin]
- second metatarsus [Freiberg]

M92.8 Other specified juvenile osteochondrosis

Calcaneal apophysitis

M92.9 Juvenile osteochondrosis, unspecified

- Apophysitis
- Epiphysitis
- Osteochondritis
- Osteochondrosis specified as juvenile, of unspecified site

M93 Other osteochondropathies

Exclude: osteochondrosis of spine (M42-)

M93.0 Slipped upper femoral epiphysis (nontraumatic)

M93.1 Kienböck's disease of adults

Adult osteochondrosis of carpal lunate

M93.2 Osteochondritis dissecans

M93.8 Other specified osteochondropathies
M93.9 Osteochondropathy, unspecified

- Apophysitis
- Epiphysitis
- Osteochondritis not specified as adult or juvenile, of unspecified site
- Osteochondrosis

M94 Other disorders of cartilage

M94.0 Chondrocostal junction syndrome [Tietze]
Costochondritis

M94.1 Relapsing polychondritis

M94.2 Chondromalacia
Exclude: chondromalacia patellae (M22.4)

M94.3 Chondrolysis

M94.8 Other specified disorders of cartilage

M94.9 Disorder of cartilage, unspecified

Other Disorders of The Musculoskeletal System and Connective Tissue (M95-M99)

M95 Other acquired deformities of musculoskeletal system and connective tissue

Exclude:

Acquired:

- absence of limbs and organs (Z89-Z90)
- deformities of limbs (M20-M21)

congenital malformations and deformations of the musculoskeletal system (Q65-Q79)
deforming dorsopathies (M40-M43)
dentofacial anomalies [including malocclusion] (K07-)
postprocedural musculoskeletal disorders (M96-)

M95.0 Acquired deformity of nose
Exclude: deviated nasal septum (J34.2)

M95.1 Cauliflower ear
Exclude: other acquired deformities of ear (H61.1)

M95.2 Other acquired deformity of head
M95.3  Acquired deformity of neck
M95.4  Acquired deformity of chest and rib
M95.5  Acquired deformity of pelvis
    Exclude: maternal care for known or suspected disproportion (O33.-)
M95.8  Other specified acquired deformities of musculoskeletal system
M95.9  Acquired deformity of musculoskeletal system, unspecified

**M96**  Postprocedural musculoskeletal disorders, not elsewhere classified
    Exclude: arthropathy following intestinal bypass (M02.0), disorders
    associated with osteoporosis (M80-M81), presence of functional implants and
    other devices (Z95-Z97)
M96.0  Pseudarthrosis after fusion or arthrodesis
M96.1  Postlaminectomy syndrome, not elsewhere classified
M96.2  Postradiation kyphosis
M96.3  Postlaminectomy kyphosis
M96.4  Postsurgical lordosis
M96.5  Postradiation scoliosis
M96.6  Fracture of bone following insertion of orthopaedic implant, joint prosthesis,
        or bone plate
    Exclude: complication of internal orthopaedic devices, implants or grafts
        (T84.-)
M96.8  Other postprocedural musculoskeletal disorders
    Instability of joint secondary to removal of joint prosthesis
M96.9  Postprocedural musculoskeletal disorder, unspecified

**M99**  Biomechanical lesions, not elsewhere classified
    This category should not be used if the condition can be classified elsewhere.
    The following supplementary subclassification to indicate the site of lesions is
    provided for optional use with appropriate subcategories in M99.-; see also
    note at the beginning of this chapter.
    0  Head region
        occipitocervical
    1 Cervical region
cervicothoracic
2 Thoracic region
   thoracolumbar
3 Lumbar region
   lumbosacral
4 Sacral region
   sacrococcygeal
   sacroiliac
5 Pelvic region
   hip
   pubic
6 Lower extremity
7 Upper extremity
   acromioclavicular
   sternoclavicular
8 Rib cage
   costochondral
   costovertebral
   sternochondral
9 Abdomen and other
   M99.0  Segmental and somatic dysfunction
   M99.1  Subluxation complex (vertebral)
   M99.2  Subluxation stenosis of neural canal
   M99.3  Osseous stenosis of neural canal
   M99.4  Connective tissue stenosis of neural canal
   M99.5  Intervertebral disc stenosis of neural canal
   M99.6  Osseous and subluxation stenosis of intervertebral foramina
   M99.7  Connective tissue and disc stenosis of intervertebral foramina
   M99.8  Other biomechanical lesions
   M99.9  Biomechanical lesion, unspecified
CHAPTER VI
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)

Congenital Malformations and Deformations of The Musculoskeletal System (Q65-Q79)

Q65  Congenital deformities of hip

Exclude : clicking hip (R29.4)
Q65.0  Congenital dislocation of hip, unilateral
Q65.1  Congenital dislocation of hip, bilateral
Q65.2  Congenital dislocation of hip, unspecified
Q65.3  Congenital subluxation of hip, unilateral
Q65.4  Congenital subluxation of hip, bilateral
Q65.5  Congenital subluxation of hip, unspecified
Q65.6  Unstable hip
Dislocatable hip, Subluxatable hip
Q65.8  Other congenital deformities of hip
Anteversion of femoral neck
Congenital acetabular dysplasia
Congenital coxa: valga, vara
Q65.9  Congenital deformity of hip, unspecified

Q66  Congenital deformities of feet

Exclude : reduction defects of feet (Q72.-), valgus deformities (acquired) (M21.0), varus deformities (acquired) (M21.1)
Q66.0  Talipes equinovarus
Q66.1  Talipes calcaneovarus
Q66.2  Metatarsus varus
Q66.3  Other congenital varus deformities of feet
Hallux varus, congenital
Q66.4  Talipes calcaneovalgus
Q66.5  Congenital pes planus
Flat foot :
  • congenital
• rigid
• spastic (everted)

Q66.6 Other congenital valgus deformities of feet
Metatarsus valgus

Q66.7 Pes cavus

Q66.8 Other congenital deformities of feet
Clubfoot NOS
Hammer toe, congenital
Talipes:
• NOS
• asymmetric
Tarsal coalition
Vertical talus

Q66.9 Congenital deformity of feet, unspecified

Q67 Congenital musculoskeletal deformities of head, face, spine and chest
Exclude: congenital malformation syndromes classified to Q87.-, Potter's syndrome (Q60.6)

Q67.0 Facial asymmetry

Q67.1 Compression facies

Q67.2 Dolichocephaly

Q67.3 Plagiocephaly

Q67.4 Other congenital deformities of skull, face and jaw
Depressions in skull, Deviation of nasal septum, congenital, Hemifacial atrophy or hypertrophy, Squashed or bent nose, congenital
Exclude: dentofacial anomalies [including malocclusion] (K07.-), syphilitic saddle nose (A50.5)

Q67.5 Congenital deformity of spine
Congenital scoliosis:
• NOS
• postural
Exclude: infantile idiopathic scoliosis (M41.0), scoliosis due to congenital bony malformation (Q76.3)
Q67.6  Pectus excavatum  
Congenital funnel chest

Q67.7  Pectus carinatum  
Congenital pigeon chest

Q67.8  Other congenital deformities of chest  
Congenital deformity of chest wall NOS

**Q68**  
*Other congenital musculoskeletal deformities*

Exclude: reduction defects of limb(s) (Q71-Q73)

Q68.0  Congenital deformity of sternocleidomastoid muscle  
Congenital (sternomastoid) torticollis  
Contracture of sternocleidomastoid (muscle)  
Sternomastoid tumour (congenital)

Q68.1  Congenital deformity of hand  
Congenital clubfinger  
Spade-like hand (congenital)

Q68.2  Congenital deformity of knee  
Congenital:  
- dislocation of knee  
- genu recurvatum

Q68.3  Congenital bowing of femur  
Exclude: anteversion of femur (neck) (Q65.8)

Q68.4  Congenital bowing of tibia and fibula

Q68.5  Congenital bowing of long bones of leg, unspecified

Q68.8  Other specified congenital musculoskeletal deformities  
Congenital:  
- deformity of:  
  - clavicle  
  - elbow  
  - forearm  
  - scapula  
- dislocation of:  
  - elbow
Q69  Polydactyly
Q69.0  Accessory finger(s)
Q69.1  Accessory thumb(s)
Q69.2  Accessory toe(s)
       Accessory hallux
Q69.9  Polydactyly, unspecified
       Supernumerary digit(s) NOS

Q70  Syndactyly
Q70.0  Fused fingers
       Complex syndactyly of fingers with synostosis
Q70.1  Webbed fingers
       Simple syndactyly of fingers without synostosis
Q70.2  Fused toes
       Complex syndactyly of toes with synostosis
Q70.3  Webbed toes
       Simple syndactyly of toes without synostosis
Q70.4  Polysyndactyly
Q70.9  Syndactyly, unspecified
       Symphalangy NOS

Q71  Reduction defects of upper limb
Q71.0  Congenital complete absence of upper limb(s)
Q71.1  Congenital absence of upper arm and forearm with hand present
Q71.2  Congenital absence of both forearm and hand
Q71.3  Congenital absence of hand and finger(s)
Q71.4  Longitudinal reduction defect of radius
       Clubhand (congenital), Radial clubhand
Q71.5  Longitudinal reduction defect of ulna
Q71.6  Lobster-claw hand
Q71.8 Other reduction defects of upper limb(s)
Congenital shortening of upper limb(s)
Q71.9 Reduction defect of upper limb, unspecified

**Q72 Reduction defects of lower limb**
Q72.0 Congenital complete absence of lower limb(s)
Q72.1 Congenital absence of thigh and lower leg with foot present
Q72.2 Congenital absence of both lower leg and foot
Q72.3 Congenital absence of foot and toe(s)
Q72.4 Longitudinal reduction defect of femur
   Proximal femoral focal deficiency
Q72.5 Longitudinal reduction defect of tibia
Q72.6 Longitudinal reduction defect of fibula
Q72.7 Split foot
Q72.8 Other reduction defects of lower limb(s)
   Congenital shortening of lower limb(s)
Q72.9 Reduction defect of lower limb, unspecified

**Q73 Reduction defects of unspecified limb**
Q73.0 Congenital absence of unspecified limb(s)
   Amelia NOS
Q73.1 Phocomelia, unspecified limb(s)
   Phocomelia NOS
Q73.8 Other reduction defects of unspecified limb(s)
   Longitudinal reduction deformity of unspecified limb(s)
   • Ectromelia NOS
   • Hemimelia NOS of limb(s) NOS
   • Reduction defect

**Q74 Other congenital malformations of limb(s)**
Exclude: polydactyly (Q69.-), reduction defect of limb (Q71-Q73),
syndactyly (Q70.-)
Q74.0 Other congenital malformations of upper limb(s), including shoulder girdle
Accessory carpal bones
Cleidocranial dysostosis
Congenital pseudarthrosis of clavicle
Macrodactylyia (fingers)
Madelung's deformity
Radioulnar synostosis
Sprengel's deformity
Triphalangeal thumb

Q74.1 Congenital malformation of knee
Congenital:
- absence of patella
- dislocation of patella
- genu:
  - valgum
  - varum
Rudimentary patella
Exclude:
Congenital:
- dislocation of knee (Q68.2)
- genu recurvatum (Q68.2)
nail patella syndrome (Q87.2)

Q74.2 Other congenital malformations of lower limb(s), including pelvic girdle
Congenital:
- fusion of sacroiliac joint
- malformation (of): ankle (joint), sacroiliac (joint)
Exclude: anteversion of femur (neck) (Q65.8)

Q74.3 Arthrogryposis multiplex congenita

Q74.8 Other specified congenital malformations of limb(s)

Q74.9 Unspecified congenital malformation of limb(s)
Congenital anomaly of limb(s) NOS
Q75  Other congenital malformations of skull and face bones

Exclude:
- congenital malformation of face NOS (Q18.-)
- congenital malformation syndromes classified to Q87.-
- dentofacial anomalies [including malocclusion] (K07.-)
- musculoskeletal deformities of head and face (Q67.0-Q67.4)

Skull defects associated with congenital anomalies of brain such as:
- anencephaly (Q00.0)
- encephalocele (Q01.-)
- hydrocephalus (Q03.-)
- microcephaly (Q02)

Q75.0 Craniosynostosis
- Acrocephaly, Imperfect fusion of skull, Oxycephaly, Trigonocephaly

Q75.1 Craniofacial dysostosis
- Crouzon's disease

Q75.2 Hypertelorism

Q75.3 Macrocephaly

Q75.4 Mandibulofacial dysostosis
- Syndrome: Franceschetti, Treacher-Collins

Q75.5 Oculomandibular dysostosis

Q75.8 Other specified congenital malformations of skull and face bones
- Absence of skull bone (congenital), Congenital deformity of forehead, Platybasia

Q75.9 Congenital malformation of skull and face bones, unspecified
- Congenital anomaly of: face bones NOS, skull NOS

Q76  Congenital malformations of spine and bony thorax

Exclude: congenital musculoskeletal deformities of spine and chest (Q67.5-Q67.8)

Q76.0 Spina bifida occulta
- Exclude: meningocele (spinal) (Q05.-), spina bifida (aperta)(cystica) (Q05.-)

Q76.1 Klippel-Feil syndrome
- Cervical fusion syndrome
Q76.2 Congenital spondylolisthesis
Congenital spondylolysis
Exclude: spondylolisthesis (acquired) (M43.1), spondylolysis (acquired) (M43.0)

Q76.3 Congenital scoliosis due to congenital bony malformation
Hemivertebra fusion or failure of segmentation with scoliosis

Q76.4 Other congenital malformations of spine, not associated with scoliosis
- Congenital:
  - absence of vertebra
  - fusion of spine
  - kyphosis
  - lordosis
  - malformation of lumbosacral (joint) (region) unspecified or not associated with scoliosis
- Hemivertebra
- Malformation of spine
- Platypondylisis
- Supernumerary vertebra

Q76.5 Cervical rib
Supernumerary rib in cervical region

Q76.6 Other congenital malformations of ribs
Accessory rib
Congenital: absence of rib, fusion of ribs, malformation of ribs NOS
Exclude: short rib syndrome (Q77.2)

Q76.7 Congenital malformation of sternum
Congenital absence of sternum, Sternum bifidum

Q76.8 Other congenital malformations of bony thorax

Q76.9 Congenital malformation of bony thorax, unspecified

Q77 *Osteochondrodysplasia with defects of growth of tubular bones and spine*
Exclude: mucopolysaccharidosis (E76.0-E76.3)

Q77.0 Achondrogenesis
Hypochondrogenesis
Q77.1 Thanatophoric short stature
Q77.2 Short rib syndrome
Asphyxiating thoracic dysplasia [Jeune]
Q77.3 Chondrodysplasia punctata
Q77.4 Achondroplasia
Hypochondroplasia, Osteosclerosis congenita
Q77.5 Dystrophic dysplasia
Q77.6 Chondroectodermal dysplasia
Ellis-van Creveld syndrome
Q77.7 Spondyloepiphyseal dysplasia
Q77.8 Other osteochondrodysplasia with defects of growth of tubular bones and spine
Q77.9 Osteochondrodysplasia with defects of growth of tubular bones and spine, unspecified

Q78 Other osteochondrodysplasias
Q78.0 Osteogenesis imperfecta
Fragilitas ossium, Osteopsathyrosis
Q78.1 Polyostotic fibrous dysplasia
Albright(-McCune)(-Sternberg) syndrome
Q78.2 Osteopetrosis
Albers-Schönberg syndrome
Q78.3 Progressive diaphyseal dysplasia
Camurati-Engelmann syndrome
Q78.4 Enchondromatosis
Maffucci's syndrome, Ollier's disease
Q78.5 Metaphyseal dysplasia
Pyle's syndrome
Q78.6 Multiple congenital exostoses
Diaphyseal aclasis
Q78.8 Other specified osteochondrodysplasias
Osteopoikilosis
Q78.9 Osteochondrodysplasia, unspecified
Chondrodystrophy NOS, Osteodystrophy NOS

Q79 Congenital malformations of the musculoskeletal system, not elsewhere classified
Exclude: congenital (sternomastoid) torticollis (Q68.0)

Q79.0 Congenital diaphragmatic hernia
Exclude: congenital hiatus hernia (Q40.1)

Q79.1 Other congenital malformations of diaphragm
Absence of diaphragm, Congenital malformation of diaphragm NOS, Eventration of diaphragm

Q79.2 Exomphalos
Omphalocele
Exclude: umbilical hernia (K42.-)

Q79.3 Gastrochisis

Q79.4 Prune belly syndrome

Q79.5 Other congenital malformations of abdominal wall
Exclude: umbilical hernia (K42.-)

Q79.6 Ehlers-Danlos syndrome

Q79.8 Other congenital malformations of musculoskeletal system
Absence of:
- muscle
- tendon
Accessory muscle
Amyotrophia congenita
Congenital:
- constricting bands
- shortening of tendon
Poland's syndrome

Q79.9 Congenital malformation of musculoskeletal system, unspecified

- Congenital:
  - Anomaly NOS of musculoskeletal system NOS
  - Deformity NOS
CHAPTER VII

Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)

Injuries to The Neck (S10-S19)

Include:
injuries of: nape, supraclavicular region, throat

Exclude:
burns and corrosions (T20-T32)
effects of foreign body in:
- larynx (T17.3)
- oesophagus (T18.1)
- pharynx (T17.2)
- trachea (T17.4)
fracture of spine NOS (T08)
frostbite (T33-T35)
injury of:
- spinal cord NOS (T09.3)
- trunk NOS (T09-.)
insect bite or sting, venomous (T63.4)

S10  Superficial injury of neck
S10.0 Contusion of throat
Cervical oesophagus, Larynx, Pharynx, Trachea
S10.1 Other and unspecified superficial injuries of throat
S10.7 Multiple superficial injuries of neck
S10.8 Superficial injury of other parts of neck
S10.9 Superficial injury of neck, part unspecified

S11  Open wound of neck
Exclude: decapitation (S18)
S11.0 Open wound involving larynx and trachea
Trachea: NOS, cervical
Exclude: thoracic trachea (S27.5)
S11.1 Open wound involving thyroid gland
S11.2 Open wound involving pharynx and cervical oesophagus
   Exclude: oesophagus NOS (S27.8)
S11.7 Multiple open wounds of neck
S11.8 Open wound of other parts of neck
S11.9 Open wound of neck, part unspecified

**S12 Fracture of neck**
Include:
Cervical: neural arch, spine, spinous process, transverse process, vertebra, vertebral arch
The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed
1 open

S12.0 Fracture of first cervical vertebra
   Atlas
S12.1 Fracture of second cervical vertebra
   Axis
S12.2 Fracture of other specified cervical vertebra
   Exclude: multiple fractures of cervical spine (S12.7)
S12.7 Multiple fractures of cervical spine
S12.8 Fracture of other parts of neck
   Hyoid bone, Larynx, Thyroid cartilage, Trachea
S12.9 Fracture of neck, part unspecified
   Fracture of cervical: spine NOS, vertebra NOS

**S13 Dislocation, sprain and strain of joints and ligaments at neck level**
Exclude: rupture or displacement (nontraumatic) of cervical intervertebral disc (M50.-)
S13.0   Traumatic rupture of cervical intervertebral disc
S13.1   Dislocation of cervical vertebra
Cervical spine NOS
S13.2   Dislocation of other and unspecified parts of neck
S13.3   Multiple dislocations of neck
S13.4   Sprain and strain of cervical spine
       Anterior longitudinal (ligament), cervical
       Atlanto-axial (joints)
       Atlanto-occipital (joints)
       Whiplash injury
S13.5   Sprain and strain of thyroid region
       Cricoarytenoid (joint)(ligament), Cricothyroid (joint)(ligament), Thyroid
       cartilage
S13.6   Sprain and strain of joints and ligaments of other and unspecified parts of neck

S14   Injury of nerves and spinal cord at neck level
S14.0   Concussion and oedema of cervical spinal cord
S14.1   Other and unspecified injuries of cervical spinal cord
       Injury of cervical spinal cord NOS
S14.2   Injury of nerve root of cervical spine
S14.3   Injury of brachial plexus
S14.4   Injury of peripheral nerves of neck
S14.5   Injury of cervical sympathetic nerves
S14.6   Injury of other and unspecified nerves of neck

S15   Injury of blood vessels at neck level
S15.0   Injury of carotid artery
       Carotid artery (common) (external) (internal)
S15.1   Injury of vertebral artery
S15.2   Injury of external jugular vein
S15.3   Injury of internal jugular vein
S15.7   Injury of multiple blood vessels at neck level
S15.8   Injury of other blood vessels at neck level
S15.9 Injury of unspecified blood vessel at neck level

S16 Injury of muscle and tendon at neck level

S17 Crushing injury of neck
  S17.0 Crushing injury of larynx and trachea
  S17.8 Crushing injury of other parts of neck
  S17.9 Crushing injury of neck, part unspecified

S18 Traumatic amputation at neck level
  Include: Decapitation

S19 Other and unspecified injuries of neck
  S19.7 Multiple injuries of neck
    Injuries classifiable to more than one of the categories S10-S18
  S19.8 Other specified injuries of neck
  S19.9 Unspecified injury of neck

Injuries to the thorax (S20-S29)
  Include:
  injuries of: breast, chest (wall), interscapular area
  Exclude:
  burns and corrosions (T20-T32)
  effects of foreign body in:
  - bronchus (T17.5)
  - lung (T17.8)
  - oesophagus (T18.1)
  - trachea (T17.4)
  fracture of spine NOS (T08)
  frostbite (T33-T35)
  injuries of:
  - axilla (S40-S49)
  - clavicle (S40-S49)
• scapular region (S40-S49)
• shoulder (S40-S49)
• spinal cord NOS (T09.3)
• trunk NOS (T09.-)
insect bite or sting, venomous (T63.4)

**S20 Superficial injury of thorax**
- S20.0 Contusion of breast
- S20.1 Other and unspecified superficial injuries of breast
- S20.2 Contusion of thorax
- S20.3 Other superficial injuries of front wall of thorax
- S20.4 Other superficial injuries of back wall of thorax
- S20.7 Multiple superficial injuries of thorax
- S20.8 Superficial injury of other and unspecified parts of thorax
  Thoracic wall NOS

**S21 Open wound of thorax**
Exclude:
- Traumatic: haemopneumothorax (S27.2), haemothorax (S27.1), pneumothorax (S27.0)
- S21.0 Open wound of breast
- S21.1 Open wound of front wall of thorax
- S21.2 Open wound of back wall of thorax
- S21.7 Multiple open wounds of thoracic wall
- S21.8 Open wound of other parts of thorax
- S21.9 Open wound of thorax, part unspecified
  Thoracic wall NOS

**S22 Fracture of rib(s), sternum and thoracic spine**
Include:
- Thoracic: neural arch, spinous process, transverse process, vertebra, vertebral arch
Exclude:
fracture of: clavicle (S42.0), scapula (S42.1)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed

1 open

S22.0 Fracture of thoracic vertebra
Fracture of thoracic spine NOS
S22.1 Multiple fractures of thoracic spine
S22.2 Fracture of sternum
S22.3 Fracture of rib
S22.4 Multiple fractures of ribs
S22.5 Flail chest
S22.8 Fracture of other parts of bony thorax
S22.9 Fracture of bony thorax, part unspecified

S23 Dislocation, sprain and strain of joints and ligaments of thorax

Exclude:

dislocation, sprain and strain of sterno-clavicular joint (S43.2, S43.6)
rupture or displacement (nontraumatic) of thoracic intervertebral disc (M51.-)

S23.0 Traumatic rupture of thoracic intervertebral disc
S23.1 Dislocation of thoracic vertebra
Thoracic spine NOS
S23.2 Dislocation of other and unspecified parts of thorax
S23.3 Sprain and strain of thoracic spine
S23.4 Sprain and strain of ribs and sternum
S23.5 Sprain and strain of other and unspecified parts of thorax

S24 Injury of nerves and spinal cord at thorax level

Exclude: injury of brachial plexus (S14.3)
S24.0 Concussion and oedema of thoracic spinal cord
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S24.1</td>
<td>Other and unspecified injuries of thoracic spinal cord</td>
</tr>
<tr>
<td>S24.2</td>
<td>Injury of nerve root of thoracic spine</td>
</tr>
<tr>
<td>S24.3</td>
<td>Injury of peripheral nerves of thorax</td>
</tr>
<tr>
<td>S24.4</td>
<td>Injury of thoracic sympathetic nerves</td>
</tr>
<tr>
<td></td>
<td>Cardiac plexus, Oesophageal plexus, Pulmonary plexus, Stellate ganglion, Thoracic sympathetic ganglion</td>
</tr>
<tr>
<td>S24.5</td>
<td>Injury of other nerves of thorax</td>
</tr>
<tr>
<td>S24.6</td>
<td>Injury of unspecified nerve of thorax</td>
</tr>
</tbody>
</table>

**S25**  
*Injury of blood vessels of thorax*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S25.0</td>
<td>Injury of thoracic aorta</td>
</tr>
<tr>
<td></td>
<td>Aorta NOS</td>
</tr>
<tr>
<td>S25.1</td>
<td>Injury of innominate or subclavian artery</td>
</tr>
<tr>
<td>S25.2</td>
<td>Injury of superior vena cava</td>
</tr>
<tr>
<td></td>
<td>Vena cava NOS</td>
</tr>
<tr>
<td>S25.3</td>
<td>Injury of innominate or subclavian vein</td>
</tr>
<tr>
<td>S25.4</td>
<td>Injury of pulmonary blood vessels</td>
</tr>
<tr>
<td>S25.5</td>
<td>Injury of intercostal blood vessels</td>
</tr>
<tr>
<td>S25.7</td>
<td>Injury of multiple blood vessels of thorax</td>
</tr>
<tr>
<td>S25.8</td>
<td>Injury of other blood vessels of thorax</td>
</tr>
<tr>
<td></td>
<td>Azygos vein, Mammary artery or vein</td>
</tr>
<tr>
<td>S25.9</td>
<td>Injury of unspecified blood vessel of thorax</td>
</tr>
</tbody>
</table>

**S26**  
*Injury of heart*

Include:

- contusion
- laceration
- puncture
- traumatic rupture of heart

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding:
0 without open wound into thoracic cavity

1 with open wound into thoracic cavity

S26.0 Injury of heart with haemopericardium
S26.8 Other injuries of heart
S26.9 Injury of heart, unspecified

S27 Injury of other and unspecified intrathoracic organs

Exclude:
injury of: cervical oesophagus (S10-S19), trachea (cervical) (S10-S19)
The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding:

0 without open wound into thoracic cavity

1 with open wound into thoracic cavity

S27.0 Traumatic pneumothorax
S27.1 Traumatic haemorrhax
S27.2 Traumatic haemopneumothorax
S27.3 Other injuries of lung
S27.4 Injury of bronchus
S27.5 Injury of thoracic trachea
S27.6 Injury of pleura
S27.7 Multiple injuries of intrathoracic organs
S27.8 Injury of other specified intrathoracic organs
Diaphragm, Lymphatic thoracic duct, Oesophagus (thoracic part), Thymus gland
S27.9 Injury of unspecified intrathoracic organ

S28 Crushing injury of thorax and traumatic amputation of part of thorax

S28.0 Crushed chest
Exclude: flail chest (S22.5)
S28.1 Traumatic amputation of part of thorax
Exclude: transection of thorax (T05.8)
**S29  Other and unspecified injuries of thorax**

- S29.0  Injury of muscle and tendon at thorax level
- S29.7  Multiple injuries of thorax
  
  Injuries classifiable to more than one of the categories S20-S29.0
- S29.8  Other specified injuries of thorax
- S29.9  Unspecified injury of thorax

**Injuries to The Abdomen, Lower Back, Lumbar Spine and Pelvis (S30-S39)**

Include: abdominal wall, anus, buttock, external genitalia, flank, groin

Exclude:

- burns and corrosions (T20-T32)
- effects of foreign body in:
  - anus and rectum (T18.5)
  - genitourinary tract (T19.-)
  - stomach, small intestine and colon (T18.2-T18.4)
- fracture of spine NOS (T08)
- frostbite (T33-T35)

Injuries of:

- back NOS (T09.-)
- spinal cord NOS (T09.3)
- trunk NOS (T09.-)

Insect bite or sting, venomous (T63.4)

**S30  Superficial injury of abdomen, lower back and pelvis**

Exclude: superficial injury of hip (S70.-)

- S30.0  Contusion of lower back and pelvis
  - Buttock
- S30.1  Contusion of abdominal wall
  - Flank, Groin
- S30.2  Contusion of external genital organs
  - Labium (majus)(minus), Penis, Perineum, Scrotum, Testis, Vagina, Vulva
- S30.7  Multiple superficial injuries of abdomen, lower back and pelvis
- S30.8  Other superficial injuries of abdomen, lower back and pelvis
S30.9 Superficial injury of abdomen, lower back and pelvis, part unspecified

**S31 Open wound of abdomen, lower back and pelvis**

Exclude: open wound of hip (S71.0), traumatic amputation of part of abdomen, lower back and pelvis (S38.2-S38.3)

S31.0 Open wound of lower back and pelvis
   Buttock

S31.1 Open wound of abdominal wall
   Flank, Groin

S31.2 Open wound of penis

S31.3 Open wound of scrotum and testes

S31.4 Open wound of vagina and vulva

S31.5 Open wound of other and unspecified external genital organs
   Exclude:
   traumatic amputation of external genital organs (S38.2)

S31.7 Multiple open wounds of abdomen, lower back and pelvis

S31.8 Open wound of other and unspecified parts of abdomen

**S32 Fracture of lumbar spine and pelvis**

Include:
Lumbosacral: neural arch, spinous process, transverse process, vertebra, vertebral arch

Exclude: fracture of hip NOS (S72.0)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

<table>
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<tr>
<td>1</td>
<td>open</td>
</tr>
</tbody>
</table>

S32.0 Fracture of lumbar vertebra

Fracture of lumbar spine

S32.1 Fracture of sacrum
S32.2 Fracture of coccyx
S32.3 Fracture of ilium
S32.4 Fracture of acetabulum
S32.5 Fracture of pubis
S32.7 Multiple fractures of lumbar spine and pelvis
S32.8 Fracture of other and unspecified parts of lumbar spine and pelvis
Fracture of : ischium, lumbosacral spine NOS, pelvis NOS

S33 **Dislocation, sprain and strain of joints and ligaments of lumbar spine and pelvis**

Exclude:
- dislocation, sprain and strain of joint and ligaments of hip (S73.-)
- obstetric damage to pelvic joints and ligaments (O71.6)
- rupture or displacement (nontraumatic) of lumbar intervertebral disc (M51.-)

S33.0 Traumatic rupture of lumbar intervertebral disc
S33.1 Dislocation of lumbar vertebra
Dislocation of lumbar spine NOS
S33.2 Dislocation of sacroiliac and sacrococcygeal joint
S33.3 Dislocation of other and unspecified parts of lumbar spine and pelvis
S33.4 Traumatic rupture of symphysis pubis
S33.5 Sprain and strain of lumbar spine
S33.6 Sprain and strain of sacroiliac joint
S33.7 Sprain and strain of other and unspecified parts of lumbar spine and pelvis

S34 **Injury of nerves and lumbar spinal cord at abdomen, lower back and pelvis level**

S34.0 Concussion and oedema of lumbar spinal cord
S34.1 Other injury of lumbar spinal cord
S34.2 Injury of nerve root of lumbar and sacral spine
S34.3 Injury of cauda equina
S34.4 Injury of lumbosacral plexus
S34.5 Injury of lumbar, sacral and pelvic sympathetic nerves
Coeliac ganglion or plexus, Hypogastric plexus, Mesenteric plexus (inferior)(superior), Splanchnic nerve

S34.6 Injury of peripheral nerve(s) of abdomen, lower back and pelvis
S34.8 Injury of other and unspecified nerves at abdomen, lower back and pelvis level

**S35**  
*Injury of blood vessels at abdomen, lower back and pelvis level*

S35.0 Injury of abdominal aorta  
Exclude : aorta NOS (S25.0)
S35.1 Injury of inferior vena cava  
Hepatic vein  
Exclude : vena cava NOS (S25.2)
S35.2 Injury of coeliac or mesenteric artery  
Gastric artery, Gastroduodenal artery, Hepatic artery, Mesenteric artery (inferior)(superior), Splenic artery
S35.3 Injury of portal or splenic vein  
Mesenteric vein (inferior)(superior)
S35.4 Injury of renal blood vessels  
Renal artery or vein
S35.5 Injury of iliac blood vessels  
Hypogastric artery or vein, Iliac artery or vein, Uterine artery or vein
S35.7 Injury of multiple blood vessels at abdomen, lower back and pelvis level
S35.8 Injury of other blood vessels at abdomen, lower back and pelvis level  
Ovarian artery or vein
S35.9 Injury of unspecified blood vessel at abdomen, lower back and pelvis level

**S36**  
*Injury of intra-abdominal organs*

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding:

0 without open wound into cavity
1 with open wound into cavity
S36.0 Injury of spleen
S36.1 Injury of liver or gallbladder
   Bile duct
S36.2 Injury of pancreas
S36.3 Injury of stomach
S36.4 Injury of small intestine
S36.5 Injury of colon
S36.6 Injury of rectum
S36.7 Injury of multiple intra-abdominal organs
S36.8 Injury of other intra-abdominal organs
   Peritoneum, Retroperitoneum
S36.9 Injury of unspecified intra-abdominal organ

S37 Injury of urinary and pelvic organs
   Exclude: peritoneum and retroperitoneum (S36.8)
   The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding:
   0 without open wound into cavity
   1 with open wound into cavity
S37.0 Injury of kidney
S37.1 Injury of ureter
S37.2 Injury of bladder
S37.3 Injury of urethra
S37.4 Injury of ovary
S37.5 Injury of fallopian tube
S37.6 Injury of uterus
S37.7 Injury of multiple pelvic organs
S37.8 Injury of other pelvic organs
   Adrenal gland, Prostate, Seminal vesicle, Vas deferens
   Exclude:
   Open wound of other and unspecified external genital organs (S31.5)
S37.9 Injury of unspecified pelvic organ
**S38**  
**Crushing injury and traumatic amputation of part of abdomen, lower back and pelvis**

- S38.0  Crush ing injury of external genital organs
- S38.1  Crushing injury of other and unspecified parts of abdomen, lower back and pelvis
- S38.2  Traumatic amputation of external genital organs
- Labium (majus)(minus), Penis, Scrotum, Testis, Vulva
- S38.3  Traumatic amputation of other and unspecified parts of abdomen, lower back and pelvis

Exclude: transection of abdomen (T05.8)

**S39**  
**Other and unspecified injuries of abdomen, lower back and pelvis**

- S39.0  Injury of muscle and tendon of abdomen, lower back and pelvis
- S39.6  Injury of intra-abdominal organ(s) with pelvic organ(s)
- S39.7  Other multiple injuries of abdomen, lower back and pelvis

Injuries classifiable to more than one of the categories S30-S39.6

Exclude: injuries in S36.- with injuries in S37.- (S39.6)

- S39.8  Other specified injuries of abdomen, lower back and pelvis
- S39.9  Unspecified injury of abdomen, lower back and pelvis

**Injuries to the shoulder and upper arm (S40-S49)**

Include:

- injuries of: axilla, scapular region

Exclude:

- bilateral involvement of shoulder and upper arm (T00-T07)
- burns and corrosions (T20-T32)
- frostbite (T33-T35)
- injuries of:
  - arm, level unspecified (T10-T11)
  - elbow (S50-S59)
- insect bite or sting, venomous (T63.4)
**S40**  *Superficial injury of shoulder and upper arm*

- S40.0 Contusion of shoulder and upper arm
- S40.7 Multiple superficial injuries of shoulder and upper arm
- S40.8 Other superficial injuries of shoulder and upper arm
- S40.9 Superficial injury of shoulder and upper arm, unspecified

**S41**  *Open wound of shoulder and upper arm*

Exclude: traumatic amputation of shoulder and upper arm (S48.-)

- S41.0 Open wound of shoulder
- S41.1 Open wound of upper arm
- S41.7 Multiple open wounds of shoulder and upper arm
- S41.8 Open wound of other and unspecified parts of shoulder girdle

**S42**  *Fracture of shoulder and upper arm*

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

- 0 closed
- 1 open

- S42.0 Fracture of clavicle
  Clavicle: acromial end, shaft
  Collar bone

- S42.1 Fracture of scapula
  Acromial process, Acromion (process), Scapula (body)(glenoid cavity)(neck), Shoulder blade

- S42.2 Fracture of upper end of humerus
  Anatomical neck, Great tuberosity, Proximal end, Surgical neck, Upper epiphysis

- S42.3 Fracture of shaft of humerus
  Humerus NOS, Upper arm NOS
S42.4 Fracture of lower end of humerus
Articular process, Distal end, External condyle, Intercondylar, Internal epicondyle, Lower epiphysis, Supracondylar
Exclude: fracture of elbow NOS (S52.0)
S42.7 Multiple fractures of clavicle, scapula and humerus
S42.8 Fracture of other parts of shoulder and upper arm
S42.9 Fracture of shoulder girdle, part unspecified
Fracture of shoulder NOS

S43 Dislocation, sprain and strain of joints and ligaments of shoulder girdle
S43.0 Dislocation of shoulder joint
Glenohumeral joint
S43.1 Dislocation of acromioclavicular joint
S43.2 Dislocation of sternoclavicular joint
S43.3 Dislocation of other and unspecified parts of shoulder girdle
Dislocation of shoulder girdle NOS
S43.4 Sprain and strain of shoulder joint
Coracohumeral (ligament), Rotator cuff capsule
S43.5 Sprain and strain of acromioclavicular joint
Acromioclavicular ligament
S43.6 Sprain and strain of sternoclavicular joint
S43.7 Sprain and strain of other and unspecified parts of shoulder girdle
Sprain and strain of shoulder girdle NOS

S44 Injury of nerves at shoulder and upper arm level
Exclude: injury of brachial plexus (S14.3)
S44.0 Injury of ulnar nerve at upper arm level
Exclude: ulnar nerve NOS (S54.0)
S44.1 Injury of median nerve at upper arm level
Exclude: median nerve NOS (S54.1)
S44.2 Injury of radial nerve at upper arm level
Exclude: radial nerve NOS (S54.2)
S44.3 Injury of axillary nerve
S44.4 Injury of musculocutaneous nerve
S44.5 Injury of cutaneous sensory nerve at shoulder and upper arm level
S44.7 Injury of multiple nerves at shoulder and upper arm level
S44.8 Injury of other nerves at shoulder and upper arm level
S44.9 Injury of unspecified nerve at shoulder and upper arm level

S45 Injury of blood vessels at shoulder and upper arm level
Exclude:
injury of subclavian : artery (S25.1), vein (S25.3)
S45.0 Injury of axillary artery
S45.1 Injury of brachial artery
S45.2 Injury of axillary or brachial vein
S45.3 Injury of superficial vein at shoulder and upper arm level
S45.7 Injury of multiple blood vessels at shoulder and upper arm level
S45.8 Injury of other blood vessels at shoulder and upper arm level
S45.9 Injury of unspecified blood vessel at shoulder and upper arm level

S46 Injury of muscle and tendon at shoulder and upper arm level
Exclude: injury of muscle and tendon at or below elbow (S56.-)
S46.0 Injury of muscle(s) and tendon(s) of the rotator cuff of shoulder
S46.1 Injury of muscle and tendon of long head of biceps
S46.2 Injury of muscle and tendon of other parts of biceps
S46.3 Injury of muscle and tendon of triceps
S46.7 Injury of multiple muscles and tendons at shoulder and upper arm level
S46.8 Injury of other muscles and tendons at shoulder and upper arm level
S46.9 Injury of unspecified muscle and tendon at shoulder and upper arm level

S47 Crushing injury of shoulder and upper arm
Exclude: crushing injury of elbow (S57.0)

S48 Traumatic amputation of shoulder and upper arm
Exclude:
traumatic amputation:
- at elbow level (S58.0)
- of arm, level unspecified (T11.6)

S48.0  Traumatic amputation at shoulder joint
S48.1  Traumatic amputation at level between shoulder and elbow
S48.9  Traumatic amputation of shoulder and upper arm, level unspecified

**S49**  Other and unspecified injuries of shoulder and upper arm

S49.7  Multiple injuries of shoulder and upper arm
Injuries classifiable to more than one of the categories S40-S48
S49.8  Other specified injuries of shoulder and upper arm
S49.9  Unspecified injury of shoulder and upper arm

**Injuries to The Elbow and Forearm (S50-S59)**

Exclude:
- bilateral involvement of elbow and forearm (T00-T07)
- burns and corrosions (T20-T32)
- frostbite (T33-T35)
- injuries of:
  - arm, level unspecified (T10-T11)
  - wrist and hand (S60-S69)
- insect bite or sting, venomous (T63.4)

**S50**  Superficial injury of forearm

Exclude: superficial injury of wrist and hand (S60-)

S50.0  Contusion of elbow
S50.1  Contusion of other and unspecified parts of forearm
S50.7  Multiple superficial injuries of forearm
S50.8  Other superficial injuries of forearm
S50.9  Superficial injury of forearm, unspecified
- Superficial injury of elbow NOS
**S51** *Open wound of forearm*

Exclude: open wound of wrist and hand (S61.-), traumatic amputation of forearm (S58.-)

S51.0 Open wound of elbow
S51.7 Multiple open wounds of forearm
S51.8 Open wound of other parts of forearm
S51.9 Open wound of forearm, part unspecified

**S52** *Fracture of forearm*

Exclude: fracture at wrist and hand level (S62.-)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed
1 open

S52.0 Fracture of upper end of ulna
Coronoid process, Elbow NOS, Monteggia's fracture-dislocation, Olecranon process, Proximal end

S52.1 Fracture of upper end of radius
Head, Neck, Proximal end

S52.2 Fracture of shaft of ulna

S52.3 Fracture of shaft of radius

S52.4 Fracture of shafts of both ulna and radius

S52.5 Fracture of lower end of radius
Colles' fracture, Smith's fracture

S52.6 Fracture of lower end of both ulna and radius

S52.7 Multiple fractures of forearm
Excluding:
Fractures of both ulna and radius: lower end (S52.6), shafts (S52.4)

S52.8 Fracture of other parts of forearm
Lower end of ulna, Head of ulna
S52.9 Fracture of forearm, part unspecified

**S53**  
*Dislocation, sprain and strain of joints and ligaments of elbow*

S53.0 Dislocation of radial head  
Radiohumeral joint  
Exclude: Monteggia's fracture-dislocation (S52.0)

S53.1 Dislocation of elbow, unspecified  
Ulnohumeral joint  
Exclude: dislocation of radial head alone (S53.0)

S53.2 Traumatic rupture of radial collateral ligament

S53.3 Traumatic rupture of ulnar collateral ligament

S53.4 Sprain and strain of elbow

**S54**  
*Injury of nerves at forearm level*

Exclude: injury of nerves at wrist and hand level (S64.-)

S54.0 Injury of ulnar nerve at forearm level  
Ulnar nerve NOS

S54.1 Injury of median nerve at forearm level  
Median nerve NOS

S54.2 Injury of radial nerve at forearm level  
Radial nerve NOS

S54.3 Injury of cutaneous sensory nerve at forearm level

S54.7 Injury of multiple nerves at forearm level

S54.8 Injury of other nerves at forearm level

S54.9 Injury of unspecified nerve at forearm level

**S55**  
*Injury of blood vessels at forearm level*

Exclude:

injury of:

- blood vessels at wrist and hand level (S65.-)
- brachial vessels (S45.1-S45.2)
S55.0  Injury of ulnar artery at forearm level
S55.1  Injury of radial artery at forearm level
S55.2  Injury of vein at forearm level
S55.7  Injury of multiple blood vessels at forearm level
S55.8  Injury of other blood vessels at forearm level
S55.9  Injury of unspecified blood vessel at forearm level

**S56**  
*Injury of muscle and tendon at forearm level*
Exclude: injury of muscle and tendon at or below wrist (S66.-)

S56.0  Injury of flexor muscle and tendon of thumb at forearm level
S56.1  Injury of long flexor muscle and tendon of other finger(s) at forearm level
S56.2  Injury of other flexor muscle and tendon at forearm level
S56.3  Injury of extensor or abductor muscles and tendons of thumb at forearm level
S56.4  Injury of extensor muscle and tendon of other finger(s) at forearm level
S56.5  Injury of other extensor muscle and tendon at forearm level
S56.7  Injury of multiple muscles and tendons at forearm level
S56.8  Injury of other and unspecified muscles and tendons at forearm level

**S57**  
*Crushing injury of forearm*
Exclude: crushing injury of wrist and hand (S67.-)

S57.0  Crushing injury of elbow
S57.8  Crushing injury of other parts of forearm
S57.9  Crushing injury of forearm, part unspecified

**S58**  
*Traumatic amputation of forearm*
Exclude: traumatic amputation of wrist and hand (S68.-)

S58.0  Traumatic amputation at elbow level
S58.1  Traumatic amputation at level between elbow and wrist
S58.9  Traumatic amputation of forearm, level unspecified

**S59**  
*Other and unspecified injuries of forearm*
Exclude: other and unspecified injuries of wrist and hand (S69.-)
S59.7 Multiple injuries of forearm
   Injuries classifiable to more than one of the categories S50-S58
S59.8 Other specified injuries of forearm
S59.9 Unspecified injury of forearm

**Injuries to The Wrist and Hand (S60-S69)**

Exclude:
- bilateral involvement of wrist and hand (T00-T07)
- burns and corrosions (T20-T32)
- frostbite (T33-T35)
- injuries of arm, level unspecified (T10-T11)
- insect bite or sting, venomous (T63.4)

**S60 Superficial injury of wrist and hand**

S60.0 Contusion of finger(s) without damage to nail
   Contusion of finger(s) NOS
   Exclude: contusion involving nail (matrix) (S60.1)
S60.1 Contusion of finger(s) with damage to nail
S60.2 Contusion of other parts of wrist and hand
S60.7 Multiple superficial injuries of wrist and hand
S60.8 Other superficial injuries of wrist and hand
S60.9 Superficial injury of wrist and hand, unspecified

**S61 Open wound of wrist and hand**

Exclude: traumatic amputation of wrist and hand (S68.-)

S61.0 Open wound of finger(s) without damage to nail
   Open wound of finger(s) NOS
   Exclude: open wound involving nail (matrix) (S61.1)
S61.1 Open wound of finger(s) with damage to nail
S61.7 Multiple open wounds of wrist and hand
S61.8 Open wound of other parts of wrist and hand
S61.9 Open wound of wrist and hand part, part unspecified
S62  *Fracture at wrist and hand level*

Exclude: fracture of distal parts of ulna and radius (S52-)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed
1 open

S62.0 Fracture of navicular [scaphoid] bone of hand
S62.1 Fracture of other carpal bone(s)
    Capitate [os magnum], Hamate [unciform], Lunate [semilunar], Pisiform, Trapezium [greater multangular], Trapezoid [lesser multangular], Triquetrum [cuneiform of carpus]
S62.2 Fracture of first metacarpal bone
    Bennett's fracture
S62.3 Fracture of other metacarpal bone
S62.4 Multiple fractures of metacarpal bones
S62.5 Fracture of thumb
S62.6 Fracture of other finger
S62.7 Multiple fractures of fingers
S62.8 Fracture of other and unspecified parts of wrist and hand

S63  *Dislocation, sprain and strain of joints and ligaments at wrist and hand level*

S63.0 Dislocation of wrist
    Carpal (bone)
    Carpometacarpal (joint)
    Metacarpal (bone), proximal end
    Midcarpal (joint)
    Radiocarpal (joint)
    Radioulnar (joint), distal
    Radius, distal end
    Ulna, distal end
S63.1  Dislocation of finger
Interphalangeal (joint), hand
Metacarpal (bone), distal end
Metacarpophalangeal (joint)
Phalanx, hand
Thumb

S63.2  Multiple dislocations of fingers

S63.3  Traumatic rupture of ligament of wrist and carpus
Collateral (wrist), Radiocarpal (ligament), Ulnocarpal (palmar)

S63.4  Traumatic rupture of ligament of finger at metacarpophalangeal and
interphalangeal joint(s)
Collateral, Palmar, Volar plate

S63.5  Sprain and strain of wrist
Carpal (joint), Radiocarpal (joint) (ligament)

S63.6  Sprain and strain of finger(s)
Interphalangeal (joint), hand
Metacarpophalangeal (joint)
Phalanx, hand
Thumb

S63.7  Sprain and strain of other and unspecified parts of hand

S64  Injury of nerves at wrist and hand level
S64.0  Injury of ulnar nerve at wrist and hand level
S64.1  Injury of median nerve at wrist and hand level
S64.2  Injury of radial nerve at wrist and hand level
S64.3  Injury of digital nerve of thumb
S64.4  Injury of digital nerve of other finger
S64.7  Injury of multiple nerves at wrist and hand level
S64.8  Injury of other nerves at wrist and hand level
S64.9  Injury of unspecified nerve at wrist and hand level

S65  Injury of blood vessels at wrist and hand level
S65.0  Injury of ulnar artery at wrist and hand level
S65.1 Injury of radial artery at wrist and hand level
S65.2 Injury of superficial palmar arch
S65.3 Injury of deep palmar arch
S65.4 Injury of blood vessel(s) of thumb
S65.5 Injury of blood vessel(s) of other finger
S65.7 Injury of multiple blood vessels at wrist and hand level
S65.8 Injury of other blood vessels at wrist and hand level
S65.9 Injury of unspecified blood vessel at wrist and hand level

S66 Injury of muscle and tendon at wrist and hand level
S66.0 Injury of long flexor muscle and tendon of thumb at wrist and hand level
S66.1 Injury of flexor muscle and tendon of other finger at wrist and hand level
S66.2 Injury of extensor muscle and tendon of thumb at wrist and hand level
S66.3 Injury of extensor muscle and tendon of other finger at wrist and hand level
S66.4 Injury of intrinsic muscle and tendon of thumb at wrist and hand level
S66.5 Injury of intrinsic muscle and tendon of other finger at wrist and hand level
S66.6 Injury of multiple flexor muscles and tendons at wrist and hand level
S66.7 Injury of multiple extensor muscles and tendons at wrist and hand level
S66.8 Injury of other muscles and tendons at wrist and hand level
S66.9 Injury of unspecified muscle and tendon at wrist and hand level

S67 Crushing injury of wrist and hand
S67.0 Crushing injury of thumb and other finger(s)
S67.8 Crushing injury of other and unspecified parts of wrist and hand

S68 Traumatic amputation of wrist and hand
S68.0 Traumatic amputation of thumb (complete)(partial)
S68.1 Traumatic amputation of other single finger (complete)(partial)
S68.2 Traumatic amputation of two or more fingers alone (complete)(partial)
S68.3 Combined traumatic amputation of (part of) finger(s) with other parts of wrist and hand
S68.4 Traumatic amputation of hand at wrist level
S68.8 Traumatic amputation of other parts of wrist and hand
S68.9    Traumatic amputation of wrist and hand, level unspecified

S69    Other and unspecified injuries of wrist and hand
S69.7    Multiple injuries of wrist and hand
Injuries classifiable to more than one of the categories S60-S68
S69.8    Other specified injuries of wrist and hand
S69.9    Unspecified injury of wrist and hand

Injuries to The Hip and Thigh (S70-S79)
Exclude:
bilateral involvement of hip and thigh (T00-T07)
burns and corrosions (T20-T32)
frostbite (T33-T35)
injuries of leg, level unspecified (T12-T13)
insect bite or sting, venomous (T63.4)

S70    Superficial injury of hip and thigh
S70.0    Contusion of hip
S70.1    Contusion of thigh
S70.7    Multiple superficial injuries of hip and thigh
S70.8    Other superficial injuries of hip and thigh
S70.9    Superficial injury of hip and thigh, unspecified

S71    Open wound of hip and thigh
Exclude: traumatic amputation of hip and thigh (S78.-)
S71.0    Open wound of hip
S71.1    Open wound of thigh
S71.7    Multiple open wounds of hip and thigh
S71.8    Open wound of other and unspecified parts of pelvic girdle

S72    Fracture of femur
The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding
to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

  0 closed
  1 open

S72.0 Fracture of neck of femur
Fracture of hip NOS
S72.1 Pertrochanteric fracture
Intertrochanteric fracture, Trochanteric fracture
S72.2 Subtrochanteric fracture
S72.3 Fracture of shaft of femur
S72.4 Fracture of lower end of femur
S72.7 Multiple fractures of femur
S72.8 Fractures of other parts of femur
S72.9 Fracture of femur, part unspecified

S73 Dislocation, sprain and strain of joint and ligaments of hip
S73.0 Dislocation of hip
S73.1 Sprain and strain of hip

S74 Injury of nerves at hip and thigh level
S74.0 Injury of sciatic nerve at hip and thigh level
S74.1 Injury of femoral nerve at hip and thigh level
S74.2 Injury of cutaneous sensory nerve at hip and thigh level
S74.7 Injury of multiple nerves at hip and thigh level
S74.8 Injury of other nerves at hip and thigh level
S74.9 Injury of unspecified nerve at hip and thigh level

S75 Injury of blood vessels at hip and thigh level
Exclude: popliteal artery (S85.0)
S75.0 Injury of femoral artery
S75.1 Injury of femoral vein at hip and thigh level
S75.2 Injury of greater saphenous vein at hip and thigh level
Exclude: greater saphenous vein NOS (S85.3)
S75.7 Injury of multiple blood vessels at hip and thigh level
S75.8 Injury of other blood vessels at hip and thigh level
S75.9 Injury of unspecified blood vessel at hip and thigh level

**S76**

*Injury of muscle and tendon at hip and thigh level*
S76.0 Injury of muscle and tendon of hip
S76.1 Injury of quadriceps muscle and tendon
   Patellar ligament (tendon)
S76.2 Injury of adductor muscle and tendon of thigh
S76.3 Injury of muscle and tendon of the posterior muscle group at thigh level
S76.4 Injury of other and unspecified muscles and tendons at thigh level
S76.7 Injury of multiple muscles and tendons at hip and thigh level

**S77**

*Crushing injury of hip and thigh*
S77.0 Crushing injury of hip
S77.1 Crushing injury of thigh
S77.2 Crushing injury of hip with thigh

**S78**

*Traumatic amputation of hip and thigh*
Exclude: traumatic amputation of lower limb, level unspecified (T13.6)
S78.0 Traumatic amputation at hip joint
S78.1 Traumatic amputation at level between hip and knee
S78.9 Traumatic amputation of hip and thigh, level unspecified

**S79**

*Other and specified injuries of hip and thigh*
S79.7 Multiple injuries of hip and thigh
   Injuries classifiable to more than one of the categories S70-S78
S79.8 Other specified injuries of hip and thigh
S79.9 Unspecified injury of hip and thigh
Injuries to The Knee and Lower Leg (S80-S89)
Include: fracture of ankle and malleolus
Exclude:
bilateral involvement of knee and lower leg (T00-T07)
burns and corrosions (T20-T32)
frostbite (T33-T35)
injuries of:
- ankle and foot, except fracture of ankle and malleolus (S90-S99)
- leg, level unspecified (T12-T13)
insect bite or sting, venomous (T63.4)

S80  Superficial injury of lower leg
Exclude: superficial injury of ankle and foot (S90-)
S80.0  Contusion of knee
S80.1  Contusion of other and unspecified parts of lower leg
S80.7  Multiple superficial injuries of lower leg
S80.8  Other superficial injuries of lower leg
S80.9  Superficial injury of lower leg, unspecified

S81  Open wound of lower leg
Exclude: open wound of ankle and foot (S91-), traumatic amputation of lower leg (S88-)
S81.0  Open wound of knee
S81.7  Multiple open wounds of lower leg
S81.8  Open wound of other parts of lower leg
S81.9  Open wound of lower leg, part unspecified

S82  Fracture of lower leg, including ankle
Include: malleolus
Exclude: fracture of foot, except ankle (S92-)
The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding
to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed

1 open

S82.0 Fracture of patella
Knee cap
S82.1 Fracture of upper end of tibia
  - Tibial:
    - condyles
    - head
    - proximal end
    - tuberosity
  with or without mention of fracture of fibula
S82.2 Fracture of shaft of tibia
With or without mention of fracture of fibula
S82.3 Fracture of lower end of tibia
With or without mention of fracture of fibula
Exclude: medial malleolus (S82.5)
S82.4 Fracture of fibula alone
Exclude: lateral malleolus (S82.6)
S82.5 Fracture of medial malleolus
Tibia involving: ankle, malleolus
S82.6 Fracture of lateral malleolus
Fibula involving: ankle, malleolus
S82.7 Multiple fractures of lower leg
Exclude:
fractures of both tibia and fibula:
  - lower end (S82.3)
  - shafts (S82.2)
  - upper end (S82.1)
S82.8 Fractures of other parts of lower leg
Fracture (of):
  - ankle NOS
- bimalleolar
- trimalleolar

S82.9 Fracture of lower leg, part unspecified

**S83**

*Dislocation, sprain and strain of joints and ligaments of knee*

Exclude:

derangement of:

- knee, internal (M23.-)
- patella (M22.0-M22.3)

dislocation of knee:

- old (M24.3)
- pathological (M24.3)
- recurrent (M24.4)

S83.0 Dislocation of patella

S83.1 Dislocation of knee

Tibiofibular (joint)

S83.2 Tear of meniscus, current

Bucket-handle tear (of):

- NOS
- lateral meniscus
- medial meniscus

Exclude: old bucket-handle tear (M23.2)

S83.3 Tear of articular cartilage of knee, current

S83.4 Sprain and strain involving (fibular)(tibial) collateral ligament of knee

S83.5 Sprain and strain involving (anterior)(posterior) cruciate ligament of knee

S83.6 Sprain and strain of other and unspecified parts of knee

Tibiofibular joint and ligament, superior

Exclude: sprain of patellar ligament (S76.1)

S83.7 Injury to multiple structures of knee

Injury to (lateral)(medial) meniscus in combination with (collateral)(cruciate) ligaments
**S84 Injury of nerves at lower leg level**

Exclude: injury of nerves at ankle and foot level (S94.-)

- S84.0 Injury of tibial nerve at lower leg level
- S84.1 Injury of peroneal nerve at lower leg level
- S84.2 Injury of cutaneous sensory nerve at lower leg level
- S84.7 Injury of multiple nerves at lower leg level
- S84.8 Injury of other nerves at lower leg level
- S84.9 Injury of unspecified nerve at lower leg level

**S85 Injury of blood vessels at lower leg level**

Exclude: injury of blood vessels at ankle and foot level (S95.-)

- S85.0 Injury of popliteal artery
- S85.1 Injury of (anterior)(posterior) tibial artery
- S85.2 Injury of peroneal artery
- S85.3 Injury of greater saphenous vein at lower leg level
  - Greater saphenous vein NOS
- S85.4 Injury of lesser saphenous vein at lower leg level
- S85.5 Injury of popliteal vein
- S85.7 Injury of multiple blood vessels at lower leg level
- S85.8 Injury of other blood vessels at lower leg level
- S85.9 Injury of unspecified blood vessel at lower leg level

**S86 Injury of muscle and tendon at lower leg level**

Exclude:

injury of:

- muscle and tendon at or below ankle (S96.-)
- patellar ligament (tendon) (S76.1)
S86.0 Injury of Achilles tendon
S86.1 Injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level
S86.2 Injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level
S86.3 Injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level
S86.7 Injury of multiple muscles and tendons at lower leg level
S86.8 Injury of other muscles and tendons at lower leg level
S86.9 Injury of unspecified muscle and tendon at lower leg level

S87  Crushing injury of lower leg
Exclude: crushing injury of ankle and foot (S97-)
S87.0 Crushing injury of knee
S87.8 Crushing injury of other and unspecified parts of lower leg

S88  Traumatic amputation of lower leg
Exclude:
traumatic amputation of:
  - ankle and foot (S98-)
  - leg, level unspecified (T13.6)
S88.0 Traumatic amputation at knee level
S88.1 Traumatic amputation at level between knee and ankle
S88.9 Traumatic amputation of lower leg, level unspecified

S89  Other and unspecified injuries of lower leg
Exclude: other and unspecified injuries of ankle and foot (S99-)
S89.7 Multiple injuries of lower leg
Injuries classifiable to more than one of the categories S80-S88
S89.8 Other specified injuries of lower leg
S89.9 Unspecified injury of lower leg

Injuries to The Ankle and Foot (S90-S99)
Exclude:
bilateral involvement of ankle and foot (T00-T07)
burns and corrosions (T20-T32)
fracture of ankle and malleolus (S82.‐)
frostbite (T33-T35)
injuries of leg, level unspecified (T12-T13)
insect bite or sting, venomous (T63.4)

**S90**  *Superficial injury of ankle and foot*

S90 0  Contusion of ankle
S90.1  Contusion of toe(s) without damage to nail  
Contusion of toe(s) NOS
S90.2  Contusion of toe(s) with damage to nail
S90.3  Contusion of other and unspecified parts of foot
S90.7  Multiple superficial injuries of ankle and foot
S90.8  Other superficial injuries of ankle and foot
S90.9  Superficial injury of ankle and foot, unspecified

**S91**  *Open wound of ankle and foot*

Exclude: traumatic amputation of ankle and foot (S98.-)
S91.0  Open wound of ankle
S91.1  Open wound of toe(s) without damage to nail  
Open wound of toe(s) NOS
S91.2  Open wound of toe(s) with damage to nail
S91.3  Open wound of other parts of foot
Open wound of foot NOS
S91.7  Multiple open wounds of ankle and foot

**S92**  *Fracture of foot, except ankle*

Exclude: ankle (S82.-), malleolus (S82.-)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.
0 closed
1 open

S92.0 Fracture of calcaneus
Heel bone, Os calcis

S92.1 Fracture of talus
Astragalus

S92.2 Fracture of other tarsal bone(s)
Cuboid, Cuneiform, foot (intermediate)(lateral)(medial), Navicular (foot)

S92.3 Fracture of metatarsal bone

S92.4 Fracture of great toe

S92.5 Fracture of other toe

S92.7 Multiple fractures of foot

S92.9 Fracture of foot, unspecified

S93 Dislocation, sprain and strain of joints and ligaments at ankle and foot level

S93.0 Dislocation of ankle joint
Astragalus
Fibula, lower end
Talus
Tibia, lower end

S93.1 Dislocation of toe(s)
Interphalangeal (joint(s)), Metatarsophalangeal (joint(s))

S93.2 Rupture of ligaments at ankle and foot level

S93.3 Dislocation of other and unspecified parts of foot
Navicular (foot), Tarsal (joint(s)), Tarsometatarsal (joint(s))

S93.4 Sprain and strain of ankle
Calcaneofibular (ligament)
Deltoid (ligament)
Internal collateral (ligament)
Talofibular (ligament)
Tibiofibular (ligament), distal

Exclude : injury of Achilles tendon (S86.0)
S93.5   Sprain and strain of toe(s)
         Interphalangeal (joint(s)), Metatarsophalangeal (joint(s))
S93.6   Sprain and strain of other and unspecified parts of foot
         Tarsal (ligament), Tarsometatarsal (ligament)

S94    Injury of nerves at ankle and foot level
S94.0   Injury of lateral plantar nerve
S94.1   Injury of medial plantar nerve
S94.2   Injury of deep peroneal nerve at ankle and foot level
         Terminal, lateral branch of deep peroneal nerve
S94.3   Injury of cutaneous sensory nerve at ankle and foot level
S94.7   Injury of multiple nerves at ankle and foot level
S94.8   Injury of other nerves at ankle and foot level
S94.9   Injury of unspecified nerve at ankle and foot level

S95    Injury of blood vessels at ankle and foot level
Exclude: injury of posterior tibial artery and vein (S85.-)
S95.0   Injury of dorsal artery of foot
S95.1   Injury of plantar artery of foot
S95.2   Injury of dorsal vein of foot
S95.7   Injury of multiple blood vessels at ankle and foot level
S95.8   Injury of other blood vessels at ankle and foot level
S95.9   Injury of unspecified blood vessel at ankle and foot level

S96    Injury of muscle and tendon at ankle and foot level
Exclude: injury of Achilles tendon (S86.0)
S96.0   Injury of muscle and tendon of long flexor muscle of toe at ankle and foot level
S96.1   Injury of muscle and tendon of long extensor muscle of toe at ankle and foot level
S96.2   Injury of intrinsic muscle and tendon at ankle and foot level
S96.7 Injury of multiple muscles and tendons at ankle and foot level
S96.8 Injury of other muscles and tendons at ankle and foot level
S96.9 Injury of unspecified muscle and tendon at ankle and foot level

**S97** Crushing injury of ankle and foot
S97.0 Crushing injury of ankle
S97.1 Crushing injury of toe(s)
S97.8 Crushing injury of other parts of ankle and foot
Crushing injury of foot NOS

**S98** Traumatic amputation of ankle and foot
S98.0 Traumatic amputation of foot at ankle level
S98.1 Traumatic amputation of one toe
S98.2 Traumatic amputation of two or more toes
S98.3 Traumatic amputation of other parts of foot
Combined traumatic amputation of toe(s) and other parts of foot
S98.4 Traumatic amputation of foot, level unspecified

**S99** Other and unspecified injuries of ankle and foot
S99.7 Multiple injuries of ankle and foot
Injuries classifiable to more than one of the categories S90-S98
S99.8 Other specified injuries of ankle and foot
S99.9 Unspecified injury of ankle and foot

**Injuries Involving Multiple Body Regions (T00-T07)**
Include:
bilateral involvement of limbs of the same body region injuries by type involving two or more body regions classifiable within S00-S99
Exclude:
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.-)

T00  Superficial injuries involving multiple body regions
T00.0 Superficial injuries involving head with neck
Superficial injuries of sites classifiable to S00.- and S10.-
Exclude: with involvement of other body region(s) (T00.8)
T00.1 Superficial injuries involving thorax with abdomen, lower back and pelvis
Superficial injuries of sites classifiable to S20.-, S30.- and T09.0
Exclude: with involvement of other body region(s) (T00.8)
T00.2 Superficial injuries involving multiple regions of upper limb(s)
Superficial injuries of sites classifiable to S40.-, S50.-, S60.- and T11.0
Exclude:
with involvement of:
  • lower limb(s) (T00.6)
  • thorax, abdomen, lower back and pelvis (T00.8)
T00.3 Superficial injuries involving multiple regions of lower limb(s)
Superficial injuries of sites classifiable to S70.-, S80.-, S90.- and T13.0
Exclude:
with involvement of:
  • thorax, abdomen, lower back and pelvis (T00.8)
  • upper limb(s) (T00.6)
T00.6 Superficial injuries involving multiple regions of upper limb(s) with lower limb(s)
Superficial injuries of sites classifiable to T00.2 and T00.3
Exclude: with involvement of thorax, abdomen, lower back and pelvis (T00.8)
T00.8 Superficial injuries involving other combinations of body regions
T00.9 Multiple superficial injuries, unspecified
Multiple:
- abrasions
- blisters (nonthermal)
- bruises
- contusions
- haematomas
- insect bites (nonvenomous)

**T01**  
**Open wounds involving multiple body regions**

Exclude: traumatic amputations involving multiple body regions (T05.-)

T01.0  
Open wounds involving head with neck

Open wounds of sites classifiable to S01.- and S11.-

Exclude: with involvement of other body region(s) (T01.8)

T01.1  
Open wounds involving thorax with abdomen, lower back and pelvis

Open wounds of sites classifiable to S21.-, S31.- and T09.1

Exclude: with involvement of other body region(s) (T01.8)

T01.2  
Open wounds involving multiple regions of upper limb(s)

Open wounds of sites classifiable to S41.-, S51.-, S61.- and T11.1

Exclude:
with involvement of:
- lower limb(s) (T01.6)
- thorax, abdomen, lower back and pelvis (T01.8)

T01.3  
Open wounds involving multiple regions of lower limb(s)

Open wounds of sites classifiable to S71.-, S81.-, S91.- and T13.1

Exclude:
with involvement of:
- thorax, abdomen, lower back and pelvis (T01.8)
- upper limb(s) (T01.6)

T01.6  
Open wounds involving multiple regions of upper limb(s) with lower limb(s)

Open wounds of sites classifiable to T01.2 and T01.3

Exclude: with involvement of thorax, abdomen, lower back and pelvis (T01.8)

T01.8  
Open wounds involving other combinations of body regions

T01.9  
Multiple open wounds, unspecified
Multiple:

- animal bites
- cuts
- lacerations
- puncture wounds

**T02 Fractures involving multiple body regions**

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0 closed
1 open

**T02.0 Fractures involving head with neck**

Fractures of sites classifiable to S02.- and S12.-
Exclude: with involvement of other body region(s) (T02.8)

**T02.1 Fractures involving thorax with lower back and pelvis**

Fractures of sites classifiable to S22.-, S32.- and T08
Exclude:
when combined with fractures of:
- limb(s) (T02.7)
- other body region(s) (T02.8)

**T02.2 Fractures involving multiple regions of one upper limb**

Fractures of sites classifiable to S42.-, S52.-, S62.- and T10 of one upper limb
Exclude:
when combined with fractures of:
- lower limb(s) (T02.6)
- other upper limb (T02.4)
- thorax, lower back and pelvis (T02.7)

**T02.3 Fractures involving multiple regions of one lower limb**

Fractures of sites classifiable to S72.-, S82.-, S92.- and T12 of one lower limb
Exclude:
when combined with fractures of:
  - other lower limb (T02.5)
  - thorax, lower back and pelvis (T02.7)
  - upper limb(s) (T02.6)

T02.4 Fractures involving multiple regions of both upper limbs
Fractures of sites classifiable to S42.-, S52.-, S62.- and T10 specified as bilateral
Exclude:
when combined with fractures of:
  - lower limb(s) (T02.6)
  - thorax, lower back and pelvis (T02.7)

T02.5 Fractures involving multiple regions of both lower limbs
Fractures of sites classifiable to S72.-, S82.-, S92.- and T12 specified as bilateral
Exclude:
when combined with fractures of:
  - thorax, lower back and pelvis (T02.7)
  - upper limb(s) (T02.6)

T02.6 Fractures involving multiple regions of upper limb(s) with lower limb(s)
Exclude: when combined with fractures of thorax, lower back and pelvis (T02.7)

T02.7 Fractures involving thorax with lower back and pelvis with limb(s)

T02.8 Fractures involving other combinations of body regions

T02.9 Multiple fractures, unspecified

T03 Dislocations, sprains and strains involving multiple body regions

T03.0 Dislocations, sprains and strains involving head with neck
Dislocations, sprains and strains of sites classifiable to S03.- and S13.-
Exclude: when combined with dislocations, sprains and strains of other body region(s) (T03.8)

T03.1 Dislocations, sprains and strains involving thorax with lower back and pelvis
Dislocations, sprains and strains of sites classifiable to S23.-, S33.- and T09.2
Exclude: when combined with dislocations, sprains and strains of other body region(s) (T03.8)

T03.2 Dislocations, sprains and strains involving multiple regions of upper limb(s)
Dislocations, sprains and strains of sites classifiable to S43.-, S53.-, S63.- and T11.2
Exclude:
when combined with dislocations, sprains and strains of:
- lower limb(s) (T03.4)
- thorax, lower back and pelvis (T03.8)

T03.3 Dislocations, sprains and strains involving multiple regions of lower limb(s)
Dislocations, sprains and strains of sites classifiable to S73.-, S83.-, S93.- and T13.2
Exclude:
when combined with dislocations, sprains and strains of:
- thorax, lower back and pelvis (T03.8)
- upper limb(s) (T03.4)

T03.4 Dislocations, sprains and strains involving multiple regions of upper limb(s) with lower limb(s)
Exclude: when combined with dislocations, sprains and strains of thorax, lower back and pelvis (T03.8)

T03.8 Dislocations, sprains and strains involving other combinations of body regions

T03.9 Multiple dislocations, sprains and strains, unspecified

T04 Crushing injuries involving multiple body regions

T04.0 Crushing injuries involving head with neck
Crushing injuries of sites classifiable to S07.- and S17.-
Exclude: with involvement of other body region(s) (T04.8)

T04.1 Crushing injuries involving thorax with abdomen, lower back and pelvis
Crushing injury of:
- sites classifiable to S28.- and S38.-
- trunk NOS
Exclude:
with involvement of:
• limbs (T04.7)
• other body regions (T04.8)

T04.2 Crushing injuries involving multiple regions of upper limb(s)
Crushing injury of:
• sites classifiable to S47.-, S57.- and S67.-
• upper limb NOS
Exclude:
with involvement of:
• lower limb(s) (T04.4)
• thorax, abdomen, lower back and pelvis (T04.7)

T04.3 Crushing injuries involving multiple regions of lower limb(s)
Crushing injury of:
• lower limb NOS
• sites classifiable to S77.-, S87.- and S97.-
Exclude:
with involvement of:
• thorax, abdomen, lower back and pelvis (T04.7)
• upper limb(s) (T04.4)

T04.4 Crushing injuries involving multiple regions of upper limb(s) with lower limb(s)
Exclude: with involvement of thorax, abdomen, lower back and pelvis (T04.7)

T04.7 Crushing injuries of thorax with abdomen, lower back and pelvis with limb(s)

T04.8 Crushing injuries involving other combinations of body regions

T04.9 Multiple crushing injuries, unspecified

T05 Traumatic amputations involving multiple body regions
Include: avulsion involving multiple body regions
Exclude:
decapitation (S18)
open wounds involving multiple body regions (T01.-)
traumatic amputation of:
• arm NOS (T11.6)
• leg NOS (T13.6)
- trunk NOS (T09.6)

T05.0  Traumatic amputation of both hands
T05.1  Traumatic amputation of one hand and other arm [any level, except hand]
T05.2  Traumatic amputation of both arms [any level]
T05.3  Traumatic amputation of both feet
T05.4  Traumatic amputation of one foot and other leg [any level, except foot]
T05.5  Traumatic amputation of both legs [any level]
T05.6  Traumatic amputation of upper and lower limbs, any combination [any level]
T05.8  Traumatic amputations involving other combinations of body regions
      Transection of: abdomen, thorax
T05.9  Multiple traumatic amputations, unspecified

T06  Other injuries involving multiple body regions, not elsewhere classified
T06.0  Injuries of brain and cranial nerves with injuries of nerves and spinal cord at
      neck level
      Injuries classifiable to S04.- and S06.- with injuries classifiable to S14.-
T06.1  Injuries of nerves and spinal cord involving other multiple body regions
T06.2  Injuries of nerves involving multiple body regions
      Multiple injuries of nerves NOS
      Exclude: with spinal cord involvement (T06.0-T06.1)
T06.3  Injuries of blood vessels involving multiple body regions
T06.4  Injuries of muscles and tendons involving multiple body regions
T06.5  Injuries of intrathoracic organs with intra-abdominal and pelvic organs
T06.8  Other specified injuries involving multiple body regions

T07  Unspecified multiple injuries
      Exclude: injury NOS (T14.9)

Injuries to Unspecified Part of Trunk, Limb or Body Region (T08-T14)
      Exclude:
burns and corrosions (T20-T32)
frostbite (T33-T35)
injuries involving multiple body regions (T00-T07)
insect bite or sting, venomous (T63.4)

**T08**  
*Fracture of spine, level unspecified*

Exclude: multiple fractures of spine, level unspecified (T02.1)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0  closed  
1  open

**T09**  
*Other injuries of spine and trunk, level unspecified*

Exclude: crushing injury of trunk NOS (T04.1), multiple injuries of trunk (T00-T06), transection of trunk (T05.8)

T09.0  Superficial injury of trunk, level unspecified  
T09.1  Open wound of trunk, level unspecified  
T09.2  Dislocation, sprain and strain of unspecified joint and ligament of trunk  
T09.3  Injury of spinal cord, level unspecified  
T09.4  Injury of unspecified nerve, spinal nerve root and plexus of trunk  
T09.5  Injury of unspecified muscle and tendon of trunk  
T09.6  Traumatic amputation of trunk, level unspecified  
T09.8  Other specified injuries of trunk, level unspecified  
T09.9  Unspecified injury of trunk, level unspecified

**T10**  
*Fracture of upper limb, level unspecified*

Include: Broken arm NOS, Fracture of arm NOS

Exclude: multiple fractures of upper limb, level unspecified (T02.-)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0  closed  
1  open
**T11  Other injuries of upper limb, level unspecified**

Exclude:
- crushing injury of upper limb NOS (T04.2)
- fracture of upper limb, level unspecified (T10)
- injuries involving multiple body regions (T00-T06)

T11.0  Superficial injury of upper limb, level unspecified

T11.1  Open wound of upper limb, level unspecified

T11.2  Dislocation, sprain and strain of unspecified joint and ligament of upper limb, level unspecified

T11.3  Injury of unspecified nerve of upper limb, level unspecified

T11.4  Injury of unspecified blood vessel of upper limb, level unspecified

T11.5  Injury of unspecified muscle and tendon of upper limb, level unspecified

T11.6  Traumatic amputation of upper limb, level unspecified

- Traumatic amputation of arm NOS

T11.8  Other specified injuries of upper limb, level unspecified

T11.9  Unspecified injury of upper limb, level unspecified

- Injury of arm NOS

**T12  Fracture of lower limb, level unspecified**

Include:
- Broken leg NOS, Fracture of leg NOS

Exclude:
- multiple fractures of leg, level unspecified (T02-)

The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

0  open

1  closed

**T13  Other injuries of lower limb, level unspecified**

Exclude:
- crushing injury of lower limb NOS (T04.3)
- fracture of lower limb, level unspecified (T12)
- injuries involving multiple body regions (T00-T06)
T13.0  Superficial injury of lower limb, level unspecified
T13.1  Open wound of lower limb, level unspecified
T13.2  Dislocation, sprain and strain of unspecified joint and ligament of lower limb, level unspecified
T13.3  Injury of unspecified nerve of lower limb, level unspecified
T13.4  Injury of unspecified blood vessel of lower limb, level unspecified
T13.5  Injury of unspecified muscle and tendon of lower limb, level unspecified
T13.6  Traumatic amputation of lower limb, level unspecified
      Traumatic amputation of leg NOS
T13.8  Other specified injuries of lower limb, level unspecified
T13.9  Unspecified injury of lower limb, level unspecified
      Injury of leg NOS

**T14  Injury of unspecified body region**

Exclude : injuries involving multiple body regions (T00-T07)

T14.0  Superficial injury of unspecified body region
- Abrasion
- Blister (nonthermal)
- Bruise
- Contusion
- Haematoma
- Injury from superficial foreign body (splinter) without major open wound
- Insect bite (nonvenomous)
- Superficial injury

Exclude : multiple superficial injuries NOS (T00.9)

T14.1  Open wound of unspecified body region
- Animal bite
- Cut
- Laceration
- Open wound
- Puncture wound with (penetrating) foreign body
Exclude:
Multiple:
  - open wounds NOS (T01.9)
  - traumatic amputations NOS (T05.9)
traumatic amputation NOS (T14.7)

T14.2 Fracture of unspecified body region
Fracture:
  - NOS
  - closed NOS
  - dislocated NOS
  - displaced NOS
  - open NOS
Exclude: multiple fractures NOS (T02.9)
The following subdivisions are provided for optional use in a supplementary character position where it is not possible or not desired to use multiple coding to identify fracture and open wound; a fracture not indicated as closed or open should be classified as closed.

<table>
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<tr>
<th></th>
<th>open</th>
<th>closed</th>
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<tbody>
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</tbody>
</table>

T14.3 Dislocation, sprain and strain of unspecified body region
Avulsion
Laceration
Sprain
Strain
Traumatic: Of joint (capsule) NOS
  - haemarthrosis
  - rupture
  - subluxation
  - tear
Exclude: multiple dislocations, sprains and strains NOS (T03.9)
<table>
<thead>
<tr>
<th>T14.4</th>
<th>Injury of nerve(s) of unspecified body region</th>
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<tbody>
<tr>
<td></td>
<td>Injury of nerve</td>
</tr>
<tr>
<td></td>
<td>Traumatic:</td>
</tr>
<tr>
<td></td>
<td>o division of nerve NOS</td>
</tr>
<tr>
<td></td>
<td>o haematomyelia</td>
</tr>
<tr>
<td></td>
<td>o paralysis (transient)</td>
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<tr>
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<td>Exclude: multiple injuries of nerves NOS (T06.2)</td>
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<tr>
<td>T14.5</td>
<td>Injury of blood vessel(s) of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Avulsion</td>
</tr>
<tr>
<td></td>
<td>Cut</td>
</tr>
<tr>
<td></td>
<td>Injury</td>
</tr>
<tr>
<td></td>
<td>Laceration</td>
</tr>
<tr>
<td></td>
<td>Traumatic:</td>
</tr>
<tr>
<td></td>
<td>o aneurysm or fistula (arteriovenous)</td>
</tr>
<tr>
<td></td>
<td>o arterial haematoma</td>
</tr>
<tr>
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<td>o rupture</td>
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<td>Exclude: multiple injuries of blood vessels NOS (T06.3)</td>
</tr>
<tr>
<td>T14.6</td>
<td>Injury of muscles and tendons of unspecified body region</td>
</tr>
<tr>
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<td>Avulsion</td>
</tr>
<tr>
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<td>Cut</td>
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<td>Injury</td>
</tr>
<tr>
<td></td>
<td>Laceration</td>
</tr>
<tr>
<td></td>
<td>Sprain</td>
</tr>
<tr>
<td></td>
<td>Strain</td>
</tr>
<tr>
<td></td>
<td>Traumatic rupture</td>
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<tr>
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<td>Exclude: multiple injuries of tendons and muscles NOS (T06.4)</td>
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<td>T14.7</td>
<td>Crushing injury and traumatic amputation of unspecified body region</td>
</tr>
<tr>
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<td>Crushing injury NOS, Traumatic amputation NOS</td>
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<tr>
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<td>Exclude:</td>
</tr>
<tr>
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<td>Multiple:</td>
</tr>
<tr>
<td></td>
<td>o crushing injuries NOS (T04.9)</td>
</tr>
<tr>
<td></td>
<td>o traumatic amputations NOS (T05.9)</td>
</tr>
</tbody>
</table>
T14.8   Other injuries of unspecified body region
T14.9   Injury, unspecified
Exclude : multiple injuries NOS (T07)