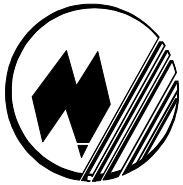
ICD-10-AM

First Edition, 1998

ERRATA 1

April 1998

effective 1 July, 1998



National Centre for Classification in Health

errata 1

ICD-10-AM (First Edition, 1998)

Errata 1 (April 1998)

This errata for Volumes 1–5 of the *International Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification* (ICD-10-AM) is published by the National Centre for Classification in Health, Sydney (NCCH, Sydney).

Modifications to *ICD-10-AM* contained in Errata 1 are effective from 1 July 1998 and are for introduction into the First Edition 1998 *ICD-10-AM*. This errata contains changes originating from the NCCH, the World Health Organization (Diseases only) and updates to the Medicare Benefits Schedule (Procedures, MBS-E only).

Sections of the errata are marked with the annotation **LABEL** in the margin adjoining a specific change. In this case, the updated information has been reproduced as separate sheets in the Appendix. To assist with the addition of this information into the *ICD-10-AM* publication either use the separate sheet in the Appendix or photocopy the sheet onto an A4 size sticky label. Then cut where indicated and adhere to the suggested page.

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VOLUME 1
TABULAR LIST OF DISEASES

ACKNOWLEDGMENTS

page ix

Clinical Content

Dr. Lindsay Barratt (CCCG)
Delete ~~Dr. Richard Bennett (CCCG)~~
Prof. Richard Bennett (CCCG)
Revise Dr. ~~Prof~~ Ralph Hanson (CCCG)
Prof. Peter Phelan (CCCG)
Delete ~~Prof. Peter Phelan (CCCG)~~

INTRODUCTION

Conventions used in the Tabular List of Diseases

page xx

Text boxes

Revise **I12** **Hypertensive renal disease**

CHAPTER I

Revise **A81** **Atypical ~~Slow~~ virus infections of central nervous system**

Add *Includes:* prion diseases of central nervous system

Revise A81.8 Other atypical ~~slow~~ virus infections of central nervous system
Kuru

Revise A81.9 Atypical ~~Slow~~ virus infection of central nervous system, unspecified
Delete ~~Slow virus infection NOS~~
Add Prion disease of central nervous system NOS

B60 **Other protozoal diseases, not elsewhere classified**

Excludes: cryptosporidiosis (A07.2)
Add intestinal microsporidiosis (A07.8)
isosporiasis (A07.3)
Delete ~~microsporidiosis (A07.4)~~

CHAPTER IV

E16 **Other disorders of pancreatic internal secretion**

E16.3 Increased secretion of glucagon

LABEL
Add code E16.4 Abnormal secretion of gastrin
Hypergastrinaemia
Zollinger-Ellison syndrome

LABEL
Delete box E16.8 Other specified disorders of pancreatic internal secretion
Add Increased secretion from endocrine pancreas of:
Add • growth hormone-releasing hormone
Add • pancreatic polypeptide
Add • somatostatin
Add • vasoactive-intestinal polypeptide

Delete code ✪ ~~E16.81 Increased secretion of gastrin~~
~~Hypergastrinaemia~~
~~Zollinger-Ellison syndrome~~

Delete code ✪ ~~E16.88 Other specified disorders of pancreatic internal secretion~~
~~Increased secretion from endocrine pancreas of:~~
~~• growth hormone-releasing hormone~~
~~• pancreatic polypeptide~~
~~• somatostatin~~
~~• vasoactive-intestinal polypeptide~~

CHAPTER V

F06.3 Organic mood [affective] disorders
Revise Disorders characterized by... (see F30–F38), but arising as a consequence of an organic disorder.

F31 **Bipolar affective disorder**

Delete A disorder characterized by... Repeated episodes of hypomania or mania only are classified as bipolar ~~(F31.8)~~.

F31.8 Other bipolar affective disorders
Bipolar II disorder
Add Recurrent manic episodes NOS

F45.0 Somatization disorder
The main features are... somatoform disorder (F45.1).

Add Briquet's disorder
Multiple psychosomatic disorder

F48.8 Other specified neurotic disorders
Delete ~~Briquet's disorder~~
Dhat syndrome

CHAPTER VII

H50.2 Vertical strabismus
Add Hypertropia
Add Hypotropia

H50.4 Other and unspecified heterotropia
Cyclotropia
Delete ~~Hypertropia~~
Delete ~~Hypotropia~~

CHAPTER IX

Delete ✪ I25.12 Atherosclerotic heart disease of autologous ~~vein~~ bypass graft

CHAPTER X

Add J34.1 Cyst and mucocele of nose and nasal sinus

CHAPTER XI

Revise ✪ K31.7 Polyp~~,~~ of stomach and duodenum
Revise ***Excludes:*** adenomatous polyp of:
Revise • duodenum (D13.2)
Revise • stomach (D13.1) ~~and~~

Revise ✪ K63.5 Polyp~~,~~ of colon
Add ***Excludes:*** adenomatous polyp of colon (D12.6)
polyposis of colon (D12.6)

CHAPTER XIII

Revise **M80.9** Unspecified osteoporosis with pathological fracture
[0–9]

CHAPTER XIV

N39.8 **Other specified disorders of urinary system**

Revise ✪ ~~N38.88~~
✪ N39.88 Other specified disorders of urinary system

CHAPTER XVII

Q15.0 Congenital glaucoma
Hydrophthalmos
Add Keratoglobus, congenital, with glaucoma
Add Macrocornea with glaucoma
Macrophthalmos in congenital glaucoma
Add Megalcornea with glaucoma

Q75.4 Mandibulofacial dysostosis
Add Syndrome:
Add • Franceschetti
Add • Treacher Collins

Q87.0 Congenital malformation syndromes predominantly affecting facial appearance
Syndrome:
• Robin
Delete ~~• Treacher Collins~~

CHAPTER XIX

T89.0 Complications of open wound

✪

Add *Code first site of wound*

Add *Use additional code (B95–B97) to identify the infectious agent*

✪ T89.03 Other complications of open wounds

Delete ~~*Use additional code (B95–B97) to identify the infectious agent*~~

CHAPTER XX

Y06 **Neglect and abandonment**

Delete Place of occurrence ~~and activity~~ codes not applicable

Y07 **Other maltreatment syndromes**

Delete Place of occurrence ~~and activity~~ codes not applicable

Y35 **Legal intervention**

Add ***Includes:*** injuries inflicted by the police or other law-enforcing agents, including military on duty, in the course of arresting or attempting to arrest lawbreakers, suppressing disturbances, maintaining order, and other legal action
legal execution

VOLUME 2
ALPHABETIC INDEX OF DISEASES

SECTION I
ALPHABETIC INDEX OF DISEASES AND NATURE OF INJURY

p1 **Abnormal, abnormality, abnormalities** — *see also* Anomaly
Revise - apertures, congenital, diaphragm Q79.1
p2 - heart
Revise - - rate NEC R00.8
- secretion
Revise - - gastrin E16.4

p10 **Absence** (organ or part) (complete or partial)
Revise - vein (peripheral), congenital Q27.8

p11 **Accessory** (congenital)
Revise - bone NEC Q79.8
Revise - vagina Q52.1

p18 **Agenesis**
- artery (peripheral) Q27.9
- - pulmonary Q25.7
Add - - specified site NEC Q27.8

p25 **Angina** (attack)...
Revise - decubitus I20.0

p26 **Ankylosis** (fibrous) (osseous) (joint) M24.69
Revise - lumbosacral M43.27
Revise - spine ~~(spondylitic)~~ M43.2-
Delete - - ~~rheumatoid M45~~
Delete - - ~~specified NEC M43.2~~

p28 **Anomaly, anomalous** (congenital) (unspecified type) Q89.9
Revise - nasal sinus (wall) Q30.9
- reduction (extremity) (limb)
Revise - - upper limb Q71.9

p31 **Appendage**
Revise - testicular (organ of Morgagni) Q55.4

Appendix, appendicular — *see also condition*
- Morgagni
Revise - - male Q55.4
Revise - testis Q55.4

p32 **Arteriosclerosis, arteriosclerotic**. (diffuse) (disease) (general) (obliterans) (senile) (with calcification) I70.9
- coronary (artery) I25.10
Delete - - autologous ~~vein~~ bypass graft I25.12

p34 **Arthropathy** (*see also* Arthritis) M13.9-
- in (due to)
Revise - - neoplastic disease NEC (M8000/1) (*see also* Neoplasm) D48.9† M36.1*

p36 **Atheroma, atheromatous** (*see also* Arteriosclerosis) I70.9
- coronary (artery) I25.10
Delete - - autologous ~~vein~~ bypass graft I25.12

p45 **Bowen's**
Add - disease (M8081/2) — *see* Neoplasm, skin, in situ

p46, Revise **Briquet's disorder or syndrome** F45.0

p48 **Burn** (electricity) (flame) (hot gas, liquid or object) (radiation) (steam) (thermal) T30.0
- flank T21.-
Add - flash, Welder's H16.1
p49 - vulva T21.-
Add - Welder's flash H16.1

Bursitis M71.9
Revise - Duplay's M75.0

p52 **Calculus, calculi, calculous**
- Wharton's duct K11.5
Add - xanthine E79.8† N22.8*

p56 **Cardiosclerosis** I25.10
Delete - autologous ~~vein~~ bypass graft I25.12

p59 **Change**(s) (of) — *see also* Removal
- hypertrophic
Revise - - nasal sinus ~~(*see also* Sinusitis)~~ J34.8
- inflammatory — *see also* Inflammation
Revise - - sacroiliac M46.1
Revise - personality (enduring) (*see also* Personality, change) F62.9

p60 **Cholecystitis** K81.9
Revise - acute K81.0

p61, Delete **Chorea** (gravis) ~~(minor)~~ (spasmodic) G25.5
- hysterical F44.4
Add - minor I02.9
Add - - with heart involvement I02.0

p62 **Cirrhosis, cirrhotic** (hepatic) K74.6
Revise - obstructive ~~(biliary) (intrahepatic) (secondary)~~ ~~K74.4~~ — *see* Cirrhosis, biliary

p63, Add **Clot** (blood) — *see also* Embolism

p68 **Complications** (from) (of)
Revise - pancreas transplant, failure or rejection (immune or nonimmune cause) T86.82

p71, Add **Constriction** — *see also* Stricture

p73, Add **Convulsions** (idiopathic) (*see also* Seizure(s)) R56.8

p78 **Cyst** (colloid) (mucous) (retention) (simple)
- implantation (dermoid)
Revise - - vulva N90.7
Revise - paramesonephric duct Q50.4
p79 - skin L72.9
Revise - - scrotum L72.9
Revise - turbinate (nose) J34.1

p83 **Deafness** (acquired) (complete) (hereditary) (partial) H91.9
Revise - high frequency H91.9
Revise - low frequency H91.9

p90 **Degeneration, degenerative**
- heart (*see also* Degeneration, myocardial) I51.5
- - atheromatous I25.10
Delete - - - autologous ~~vein~~ bypass graft I25.12

p92 **Delivery** (single) O80
- caesarean (for) O82
- - distress
Revise - - - fetal O36.3
- - fetus, fetal
Revise - - - distress O36.3
Revise - - meconium in liquor O36.3

p98, Revise **Dermatomegaly NEC** Q82.8

Add **Destruction, destructive** — *see also* Damage

Detachment
- meniscus (knee) (due to) M23.3-
Add - - old tear or injury M23.2-

p99, Add **Deuteranomaly** (anomalous trichromat) H53.5

Delete **Deuteranopia** ~~(anomalous trichromat)~~ (complete) (incomplete) H53.5

p102 **Disease, diseased** — *see also* Syndrome
- arteriosclerotic (*see also* Arteriosclerosis) I70.9
- - coronary (artery) I25.10
Delete - - - autologous ~~vein~~ bypass graft I25.12
p106 - pregnancy NEC (*see also* Pregnancy) O26.9
Add - prion, central nervous system A81.9
Add - - specified NEC A81.8
p107, Add - trophoblastic (M9100/0) (*see also* Mole hydatidiform) O01.9

p111 **Disorder** (of) — *see also* Disease
- female
Revise - - hypoactive sexual desire F52.0
Revise - - orgasmic F52.3
Revise - - sexual arousal F52.2
p112 - male
Revise - - hypoactive sexual desire F52.0
Revise - - orgasmic F52.3
p114 - pancreatic internal secretion E16.9
Revise - - specified NEC E16.8

p119 **Disturbance** — *see also* Disease
Revise - stomach (functional) K31.9

p124 **Dysuria** R30.0
Revise - psychogenic F45.35

p125 **Ectromelia** Q73.8
Revise - upper limb Q71.9

Eczema (acute)...
Delete - infantile (due to any substance) ~~(intertriginous) (seborrhoeic)~~ L20.8
Add - - intertriginous L21.1
Add - - seborrhoeic L21.1

p127, Revise **Ellison-Zollinger syndrome** E16.4

p128 **Embolism** (septic) I74.9
Revise - cerebral (*see also* Occlusion, artery, cerebral) I66.9
Revise - intracranial (*see also* Occlusion, artery, cerebral) I66.9
Revise - vessels of brain (*see also* Occlusion, artery, cerebral) I66.9

Continued note, column 3,
p129, Delete **Empyema** ~~(chest) (double) (pleura) (supradiaphragmatic) (thorax) — *continued*~~
Add **Encephalitis** (chronic) (haemorrhagic) (idiopathic) (nonepidemic) (spurious) (subacute) — *continued*

p135, Delete **Error, refractive** ~~H52.7~~
Add - metabolism, inborn — *see* Disorder, metabolism
Add - refractive H52.7

p138, Revise **Exsanguination, fetal** ~~P50.9~~ — *see* Haemorrhage

p139 **Failure, failed**
Revise - biventricular I50.0

p141 **Fever** R50.9
Revise - herpetic ~~(*see also* Herpes)~~ B00.1

p143 **Fibrillation**
Revise - cardiac I49.8
Revise - heart I49.8

p149, Add **Fracture** (abduction) (adduction) (avulsion) (closed) (comminuted) (compression) (oblique) (open) (separation) T14.2

p153, Revise **Freiberg's disease** (infraction of metatarsal head or osteochondrosis) M92.7

p155, Add **Gangrene, gangrenous** (dry) (moist) (skin) (ulcer) (*see also* Necrosis) R02

p157, Add **Glomerulonephritis** (*see also* Nephritis) N05.-

p159 **Grand mal**
- epilepsy (idiopathic) G40.6
Add - - on awakening G40.3

p160, Revise **Gubler-Millard paralysis or syndrome** I67.9† G46.3*

p163 **Haematinuria** (*see also* Haemoglobinuria) R82.3
- malarial B50.8
Add **Haematobilia** K83.8

p167 **Haemorrhage, haemorrhagic** R58
Revise - renal N28.8

p169, Revise **Hellp syndrome** O14.1

p171 **Hernia, hernial** (acquired) (recurrent) K46.9
- obturator — *see* Hernia, abdomen, specified site NEC
Delete - - ~~congenital Q40.1~~

p174, Revise **Hollow foot** (congenital) Q66.7

Human
- immunodeficiency virus (HIV) disease (infection) B24
- - counselling Z71.7
Add - - dementia B22† F02.4*

p175, Add **Hydatidiform mole** (benign) (complicating pregnancy) (delivered) (undelivered) (M9100/0) (*see also* Mole, Hydatidiform) O01.9
Add - classical (M9100/0) O01.0
Add - complete (M9100/0) O01.0
Add - incomplete (M9103/0) O01.1
Add - partial (M9103/0) O01.1

p177, Revise **Hypergastrinaemia** E16.4

p178 **Hyperplasia, hyperplastic**
Revise - pancreatic islet cells E16.8
Revise - - alpha E16.8
- - - with excess
Revise - - - - gastrin E16.4

p179 **Hypersecretion**
Revise - gastrin E16.4

Hypertension, hypertensive (accelerated).(benign) (essential) (idiopathic) (malignant) (primary) (systemic) I10
- complicating pregnancy, childbirth or puerperium O16
- - with
Revise - - - oedema ~~(mild)~~ (*see also* Pre-eclampsia) O14.9

p181, Revise **Hypertropia** H50.2

p183, Revise **Hypotropia** H50.2

Add **Hypoxia** — *see also* Anoxia

p188 **Increase, increased**
- secretion
Revise - - gastrin E16.4
- - pancreas, endocrine E16.9
Revise - - - growth hormone-releasing hormone E16.8
Revise - - - pancreatic polypeptide E16.8
Revise - - - somatostatin E16.8
Revise - - - vasoactive-intestinal polypeptide E16.8

p190 **Infection, infected** (opportunistic) B99
Revise - *Drechslera (hawaiiensis)* B43.8
p193 - prepuce NEC N48.1
Add - prion — *see* Disease, prion, central nervous system
- staphylococcal NEC A49.0
- - as cause of disease classified elsewhere B95.8
Revise - - aureus B95.6
p194 - virus NEC B34.9
- - central nervous system A89
Add - - - atypical A81.9
Add - - - - specified NEC A81.8
- *Wuchereria (bancrofti)* B74.0
- - *malayi* B74.1
Add - yeast (*see also* Candidiasis) B37.9

p201 **Injury** (*see also* specified injury type) T14.9
- muscle (and tendon) T14.6
- - leg
- - - lower (level) S86.9
Add - - - - Achilles tendon S86.0

p205, Revise **Insanity, insane** (*see also condition*) F99

p206 **Insufficiency, insufficient**
Add - lacrimal (secretion) H04.1
Add - - passages H04.5

p208 **Ischaemia, ischaemic** I99
Revise - myocardium, myocardial (chronic or with a stated duration of over 4 weeks) I25.9

p209 **Jaundice** (yellow) R17
- leptospiral (haemorrhagic) A27.0
Add - malignant (*see also* Failure, hepatic) K72.9
- neonatal — *see* Jaundice, fetus or newborn
Add - nonhaemolytic congenital familial (Gilbert) E80.4
Add - nuclear, newborn (*see also* Kernicterus of newborn) P57.9
Add - obstructive (*see also* Obstruction, bile duct) K83.1
Add - post-immunization — *see* Hepatitis, viral, type, B
Add - post-transfusion — *see* Hepatitis, viral, type, B
Add - regurgitation (*see also* Obstruction, bile duct) K83.1
Add - serum (homologous) (prophylactic) (therapeutic) — *see* Hepatitis, viral, type, B
Add - spirochaetal (haemorrhagic) A27.0

p211 **Keratitis** (nonulcerative) H16.9
- purulent H16.8
Revise - rosacea L71.8† H19.3*

p212 **Keratoglobus** H18.7
Revise - congenital Q15.8
Add - - with glaucoma Q15.0

Knock knee (acquired) M21.06
Revise - congenital Q74.1

p213 **Labour** (*see also* Delivery)
- obstructed O66.9
- - by or due to
- - - contracted pelvis (general) O65.1
Revise - - - - mid-cavity O65.3
Delete - - - - outlet ~~(mid-cavity)~~ O65.3

p214 **Laceration** (*see also* Wound, open) T14.1
Add - chordae tendineae NEC I51.1
Add - - concurrent with acute myocardial infarction — *see* Infarct, myocardium
Add - - following acute myocardial infarction (current complication) I23.4

p219, Revise **Lithaemia** E79.0

p225, Revise **Macrocornea** Q15.8
Add - with glaucoma Q15.0

Majocchi's
Revise - disease L81.7

p230, Revise **Megalocornea** Q15.8
Add - with glaucoma Q15.0

p231 **Melanoma** (malignant) (M8720/3) C43.9
- site classification
- - ear (external) C43.2
Add - - elbow C43.6

p233 **Menopause, menopausal** (symptoms) (syndrome) N95.1
- toxic polyarthritis NEC M13.80
Add **Menorrhagia** (primary) N92.0

p234 **Metastasis, metastatic**
Revise - calcification E83.5

p236, Add **Molar pregnancy NEC** (M9100/0) O01.9

Mole (pigmented) (M8720/0) — *see also* Naevus
Add - hydatid, hydatidiform (benign) (complicating pregnancy) (delivered) (undelivered) (M9100/0) O01.9
Add - - classical (M9100/0) O01.0
Add - - complete (M9100/0) O01.0
Add - - incomplete (M9103/0) O01.1
Add - - partial (M9103/0) O01.1
Add - vesicular (M9100/0) (*see also* Mole, hydatidiform) O01.9

Revise **Monochromat**(ism), monochromatopsia (acquired) (congenital) H53.5

p238, Add **Myelitis** (acute) (ascending) (*see also* Encephalitis) G04.9
p242 **Necrosis, necrotic** (ischaemic) (*see also* Gangrene) R02
- bone (*see also* Osteonecrosis) M87.9-
Delete - - ~~acute M87.8-~~
Revise - hip, aseptic or avascular (*see also* Osteonecrosis) M87.9-
p243 - subendocardial (acute) I21.4
Revise - - chronic I25.8

p259 **Neoplasm, neoplastic**

		Secondary	Benign	Uncertain or unknown behaviour
	- lymph, lymphatic			
	- - gland (secondary)	C77.9	D36.0	D48.7
	- - - submental	C77.0	D36.0	D48.7
Add	- - - subscapular	C77.3	D36.0	D48.7
Add	- - - supraclavicular	C77.0	D36.0	D48.7
Add	- - - thoracic	C77.1	D36.0	D48.7
Add	- - - tibial	C77.4	D36.0	D48.7
Add	- - - tracheal	C77.1	D36.0	D48.7
Add	- - - tracheobronchial	C77.1	D36.0	D48.7
Add	- - - upper limb	C77.3	D36.0	D48.7
Add	- - - Virchow's	C77.0	D36.0	D48.7

p276, Add **Neurofibromatosis** (multiple) (nonmalignant) (M9540/1) Q85.0

Revise **Neuropathy, neuropathic** ~~(*see also* Disorder, nerve)~~ G62.9

p280 **Obstruction, obstructed, obstructive**
- coronary (artery) I25.10
Delete - - autologous ~~vein~~ bypass graft I25.12

p281 **Occlusion, occluded**
- artery — *see also* Embolism, artery
Revise - - brain or cerebral I66.9
Add - - - with infarction (due to) I63.5
Add - - - - embolism I63.4
Add - - - - thrombosis I63.3
- - cerebral I66.9
- - - anterior I66.1
- - - - with infarction (due to) I63.5
Revise - - - - - thrombosis I63.3

p284 **Ossification**
Add - ligament M67.8
Add - - posterior longitudinal M48.8-

Osteoarthritis M19.9-
Delete - interphalangeal ~~(Bouchard, Heberden) M15.2~~
Add - - distal (Heberden) M15.1
Add - - proximal (Bouchard) M15.2

p286, Revise **Osteopathia condensans disseminata** Q78.8

p290, Revise **Panmyelosis** (acute) (M9931/3) C94.4-

p292, Add **Paralysis, paralytic** (complete) (incomplete) (*see also* Paresis) G83.9
Revise - Benedikt's I67.9† G46.3*
Revise - Millard-Gubler-Foville I67.9† G46.3*
- nerve — *see also* Disorder, nerve
Revise - - radial G56.3
p293, Revise - radial nerve G56.3
Revise - Weber's I67.9† G46.3*

p295 **Perforation, perforated** (nontraumatic)
Delete - palate ~~(hard)~~ (*see also* Cleft, palate) Q35.9
Revise - palatine vault (*see also* Cleft, palate, hard) Q35.1

p296 **Periarthritis** (joint) M77.9
Revise - Duplay's M75.0

p300 **Placenta, placental** (*see also condition*)
Add - marginal sinus (haemorrhage) (rupture) O44.1

p302 **Pneumonia** (acute)...
Delete - ~~lobe — *see* Pneumonia, lobar~~

p305 **Polyp, polypus**
- colon (hyperplastic) K63.5
Revise - - adenomatous (M8210/0) D12.6
- duodenum (hyperplastic) K31.7
Revise - - adenomatous (M8210/0) D13.2
p306 - stomach (hyperplastic) K31.7
Revise - - adenomatous (M8210/0) D13.1

Positive
Add - serology for syphilis A53.0
Add - - with signs or symptoms — *code as* Syphilis, by site and stage
- - false R76.2
Delete - - ~~syphilis A53.0~~
Delete - - - ~~with signs or symptoms — *code as* Syphilis, by site and stage A53.9~~

p308 **Pregnancy** (single) (uterine)
- complicated by (*see also* Pregnancy, management, affected by)
Add - - hydatidiform mole (M9100/0) (*see also* Mole, hydatidiform) O01.9
Add - - onset of contractions before 37 weeks' gestation O60
p309 - management affected by
- - fetal (suspected)
- - - abnormality or damage O35.9
Revise - - - - acid-base balance O36.3
Revise - - - - heart rate or rhythm O36.3
Revise - - - acidaemia O36.3
Revise - - - bradycardia O36.3
Revise - - - distress O36.3
Revise - - meconium in liquor O36.3
p310 - molar NEC O02.0
Add - - hydatidiform (M9100/0) (*see also* Mole, hydatidiform) O01.9

Premature — *see also condition*
- menopause E28.3
Add - newborn — *see* Prematurity

Add **Protanomaly** (anomalous trichromat) H53.5

p313, Delete **Protanopia** ~~(anomalous trichromat)~~ (complete) (incomplete) H53.5

p314, Revise **Pseudochromhidrosis** L67.8

p317 **Purpura** D69.2
Revise - annularis telangiectodes L81.7

p321, Add **Radiation** W91.-
- exposure NEC Z58.4
- - occupational Z57.1
Add - ionizing W88.-
Add - natural NEC X39.-
Add - nonionizing W90.-

p322, Add **Recklinghausen's disease** (M9540/1) Q85.0

p324 **Reticulosis** (skin)
Revise - polymorphic (M9713/3) C85.7

p326, Delete **Rickets** (active) (acute) (adolescent) ~~(adult)~~ (chest wall) (congenital) (current) (infantile) (intestinal) E55.0

p328 **Rupture, ruptured** (*see also* Injury, by site)
Revise - myocardium, myocardial (*see also* Infarct, myocardium) I21.9

p335, Add **Seizure** (s) (*see also* Convulsions) R56.8

p343 **Spina bifida** (aperta) Q05.9
Add - with hydrocephalus NEC Q05.4

Spondylosis M47.9-
- with
Add - - compression (of)
Add - - - nerve root or plexus M47.-† G55.2*
Revise - - myelopathy NEC M47.-† G99.2*

p345 **Sprain, strain** (joint) (ligament) T14.3
Delete - rotator cuff ~~(capsule)~~ S43.4
- tendon — *see* Injury, tendon
Delete - ~~teres — *see* Injury, muscle~~

p349 **Stress**
Revise - reaction ~~(acute)~~ (*see also* Reaction, stress) F43.9

Add **Stricture** (*see also* Stenosis) R68.8

p350 **Strongyloidiasis, strongyloidosis** B78.9
Delete - intestinal B78.0† ~~K93.8*~~

p351 **Supernumerary** (congenital)
Revise - bone Q79.8

p353 **Syndactylism, syndactyly** Q70.9
Revise - fingers (without synostosis) Q70.1
Revise - toes (without synostosis) Q70.3

Syndrome — *see also* Disease
- antibody deficiency D80.9
- - hypoagammaglobulinaemic D80.1
- - - hereditary D80.0
Add - anticardiolipin D68.8
- antidiuretic hormone E22.2
Add - antiphospholipid (-antibody) D68.8
p354 - Di George's D82.1
Add - Doan-Wiseman D70
Add - Dohle body-panmyelopathic D72.0
p355, Revise - Ellison-Zollinger E16.4
- floppy
- - mitral valve I34.1
Add - Forbes-Albright E22.1
- hypokalaemic E87.6
Add - hyponatraemia E87.1
p356 - Kimmelstiel-Wilson (diabetic glomerulosclerosis) — *code to* E10–E14 with fourth character .2† & N08.3*
Add - Kinsbourne's G96.8
p358 - salt
Revise - - low E87.1
p329, Revise - Zollinger-Ellison E16.4

p361 **Syphilis, syphilitic** (acquired) A53.9
Revise - retina, late A52.7† H32.0*

p364 **Tear, torn** (traumatic) — *see also* Wound, open T14.1
- pelvic
Delete - - ~~complicating delivery~~
- rotator cuff (complete) (incomplete) (nontraumatic) M75.1
Revise - - traumatic S46.0
Add - - - capsule S43.4

p370 **Transverse** — *see also condition*
- lie (mother) O32.2
Revise - - causing obstructed labour O64.8

Revise **Treacher Collins syndrome** Q75.4

p371, Add **Trophoblastic disease** (M9100/0) (*see also* Mole, hydatidiform) O01.9

p385, Add **Ventriculitis** (cerebral) (*see also* Encephalitis) G04.9

p386 **Von Recklinghausen's**
Add - disease (neurofibromatosis) (M9540/1) Q85.0

p388	**Wound, open** (animal bite) (cut) (laceration) (puncture wound) (shot wound) (with penetrating foreign body) T14.1
	- cochlea S01.38
Add	- complicated (by) T89.00
Add	- - delayed
Add	- - - healing T89.03
Add	- - - treatment T89.03
Add	- - foreign body (infection) T89.01
Add	- - infection T89.02
Add	- - specified NEC T89.03
p391, Revise	**Zollinger-Ellison syndrome** E16.4

SECTION II
EXTERNAL CAUSES OF INJURY

p395	**Accident** (to) X59.-
	- nonmotor vehicle NEC (nontraffic) (*see also* Accident, transport) V89.1
	- - traffic NEC V89.3
Add	- occurring (at) (in) — *see* Volume 1, pages 424 and 425
p399	**Acid throwing** (assault) X86.-
Add	**Activity** — *see* Volume 1, page 425
p410	**Exposure** (to)
	- fire (accidental) (with exposure to smoke or fumes or causing burns, or secondary explosion) X09.-
	- - in, of, on, starting in
Revise	- - - transport vehicle NEC (*see also* Accident, transport, occupant, by type of vehicle) V87.8
p424	**Pinned under machine**(ry) (*see also* Contact, with, by type of machine) W31.-
Add	**Place of occurrence of accident** — *see* Volume 1, pages 424 and 425

SECTION III
TABLE OF DRUGS AND CHEMICALS

p447, Revise	Benzhydramine (chloride)	T45.0	X44.-	X64.-	Y14.-	Y43.0
Revise	Benzphetamine	T50.5	X44.-	X64.-	Y14.-	Y57.0
p448, Revise	Binitrobenzol	T65.3	X46.-	X66.-	Y16.-	
p452	Calcium					
Revise	- hypochlorite	T37.8	X44.-	X64.-	Y14.0	Y41.8
p453, Revise	Carbaril	T60.0	X48.-	X68.-	Y18.-	~~Y56.0~~
p456, Revise	Chloramine (-T)	T49.8	X44.-	X64.-	Y14.-	Y56.8
p457, Revise	Chlorobutanol	T42.6	X41.-	X61.-	Y11.-	Y47.2
p459	Cleaner, cleansing agent NEC	T52.9	X49.-	X69.-	Y19.-	
Revise	- of paint or varnish	T52.9	X46.-	X66.-	Y16.-	
p472	Ethyl					
Revise	- carbamate	T45.1	X44.-	X64.-	Y14.-	Y43.3
Revise	- carbinol	T51.3	X45.-	X65.-	Y15.-	~~Y43.3~~
p475, Revise	Fenylbutazone	T39.2	X40.-	X60.-	Y10.-	Y45.3
p481	Glutaraldehyde (nonmedicinal)					
Revise		T65.8	X49.-	X69.-	Y19.-	
Revise	- medicinal	T49.0	X44.-	X64.-	Y14.-	Y56.0
p485, Revise	Hydroxyamphetamine	T49.5	X44.-	X64.-	Y14.-	Y56.5
p493	Lead (dust) (fumes) (vapour) NEC					
		T56.0	X49.-	X69.-	Y19	
Revise	- alkyl (fuel additive)	T56.0	X46.-	X66.-	Y16	
p494, Revise	Levomepromazine	T43.3	X41.-	X61.-	Y11.-	Y49.3
p510, Delete	Parathion	T60.0	X48.-	X68.-	Y18.-	~~Y56.0~~
p513, Revise	Phenylbutazone	T39.2	X40.-	X60.-	Y10.0	Y45.3
p518	Prussian blue					
Revise	- therapeutic	T50.6	X44.-	X64.-	Y14.-	Y57.2
Revise	Prussic acid	T57.3	X48.-	X68.-	Y18.-	
p535, Revise	Trichloroethylene	T41.0	X44.-	X64.-	Y14.-	Y48.0

VOLUME 3
TABULAR LIST OF PROCEDURES

LIST OF MBS-EXTENDED BLOCK NUMBERS

p3a–23a	Block No	Block Name
Add	555	Transplantation of lung
Delete	639	~~Other~~ incision procedures on myocardium
Add	660	Transplantation of heart or lung
	1490	Transplantation or transfer of tendon or muscle of pelvis or hip
Revise	1944	Duplex ultrasound of ~~carotid vessels~~ cranial, carotid or vertebral vessels
Revise	1945	Duplex ultrasound of ~~peripheral vessels~~ intrathoracic or intra-abdominal vessels
Revise	1946	Duplex ultrasound of ~~peripheral and carotid vessels with oculoplethysmography~~ limb
Revise	1947	~~Other~~ Duplex ultrasound of ~~vascular structures~~ other vessels
Delete	1968	Radiography of spine~~, 1 region~~

CHAPTER I

1 Examination of skull, meninges or brain

40803-00 Intracranial stereotactic localisation

▼

Revise

Code also when performed:
- radiosurgery (15600-00, 15600-01 [1789], 90764 [1791])
- surgical procedure(s) performed

18 Skull base surgery for vascular lesion

▼

Add 39662-03 Excision of vascular lesion of foramen magnum, far lateral suboccipital approach

32 Epidural injection

▼

Add

Note: performed for acute pain management or anaesthesia

18230-00 Epidural injection of neurolytic agent

Add code 39140-00 Epidural injection for lysis of adhesions

Includes: epidurogram

Note: performed under imaging control

CHAPTER III

186 Division of synechiae

Revise 90073-02 Division of ~~posterior~~ corneovitreal adhesions by laser

239 Procedures for ectropion or entropion

45626-01 Correction of ectropion or entropion with wedge resection

Add Tarsoconjunctival diamond repair of ectropion

Delete code ~~45626-02 Other correction of ectropion or entropion~~
~~Correction of ectropion or entropion NOS~~

CHAPTER IV

323 Mastoidectomy

Excludes: that with:
- decompression of endolymphatic sac (41590-00, 41590-01 [330])
- implantation of cochlear prosthetic device (41617-00 [329])

Add

41548-00 Obliteration of mastoid cavity

Add code 41564-00 Modified radical mastoidectomy with obliteration of mastoid cavity and eustachian tube and closure of external auditory canal

Add code 41564-01 Radical mastoidectomy with obliteration of mastoid cavity and eustachian tube and closure of external auditory canal

CHAPTER V

370 Examination procedures on nose

Add 41761-00 Examination of nasal cavity and/or postnasal space without general anaesthesia

372 Incision procedures on nose

Revise 41659-00 ~~Intranasal~~ Removal of intranasal foreign body ~~from nose~~

381 Other procedures on nose

41686-01 Surgical fracture of nasal turbinates, bilateral

Add code 41672-00 Reconstruction of nasal septum

CHAPTER VII

521 Application, insertion or removal procedures on larynx

Add code 41869-00 Injection of Botulinum toxin into vocal cord

Add 41870-00 Injection of other substance into vocal cord
Delete ~~Injection into larynx~~
Revise ~~Teflon~~ Injection into larynx or vocal cord of:
Add • collagen
Add • fat
Add • gelfoam
Add • Teflon

553 Pneumonectomy

Add 38438-03 Removal of donor lung for transplantation

Add ***Excludes***: that with combined heart transplantation (90204-01 [659])

Add **555 Transplantation of lung**

Add ***Excludes***: combined heart and lung transplantation (90205-01 [659])

Add 90172-00 Sequential single lung transplantation, bilateral [BSSLT]

Add 90172-01 Other transplantation of lung

CHAPTER VIII

Delete **639 ~~Other~~ Incision procedures on myocardium**

649 Insertion of epicardial or transcutaneous electrode

▼

Add 38470-00 Insertion of permanent epicardial electrode by thoracotomy or sternotomy
Revise Insertion of permanent myocardial electrode by:
Add • sternotomy
Add • thoracotomy

650 Insertion of single chamber pacemaker

Delete ▼ ~~Reinsertion of single chamber pacemaker~~

651 Insertion of dual chamber pacemaker

Delete ▼ ~~Reinsertion of dual chamber pacemaker~~

654 Adjustment or removal of electrode (leads)

Revise ~~90203-02~~
38259-01 Percutaneous removal of permanent electrode

Revise ~~38456-09~~
38259-02 Removal of permanent electrode

655 Removal of permanent pacemaker

Code also when performed:
Delete • ~~re-~~insertion of permanent chamber pacemaker:

Add **660 Transplantation of heart or lung**

707 **Patch graft of artery**

Code also when performed:
• vein (see block [711])

Add ***Excludes***: that with coronary endarterectomy (38505-00 [669])

33548-00 Patch graft of artery using vein
Add Patch graft of arterial bypass graft using vein

33548-01 Patch graft of artery using synthetic material
Add Patch graft of arterial bypass graft using synthetic material

714 **Repair of aneurysm of neck, intra-abdominal area or extremities**

Repair by:
Add • clipping
• excision

731 **Patch graft of vein**

Code also when performed:
Add • bypass graft (34803, 34806, 34809, 34812 [735])

Delete ~~***Excludes***: that with endarterectomy (38515-00 [600])~~

33548-02 Patch graft of vein using vein
Add Patch graft of venous bypass graft using vein

33548-03 Patch graft of vein using synthetic material
Add Patch graft of venous bypass graft using synthetic material

733 **Repair of wound of vein by anastomosis**

Add Restoration of continuity of vein by direct anastomosis

734 **Repair of wound of vein by interposition graft**

Add Restoration of continuity of vein by interposition graft

736 **Other repair procedures on veins**

Add 34821-00 Vein transplantation

738 **Procedures for venous access**

13300-00 Catheterisation/cannulation of other vein in neonate

Includes: infusion

Add ***Excludes***: central vein catheterisation via peripheral vein in neonate (13319-00 [738])

13815-00 Central vein catheterisation

Add code 13319-00 Central vein catheterisation via peripheral vein in neonate

744 **Laser photocoagulation of cutaneous vascular lesion**

Includes: birthmark
Add cafe-au-lait macules
naevus flammeus (port wine stain)
Add naevus of Ota

CHAPTER IX

Add **802** **Bone marrow or haematopoietic stem cell transplantation**

Add 13706-00 Allogeneic bone marrow transplantation without purging

Add 13706-06 Allogeneic bone marrow transplantation with purging

Add 13706-07 Autologous bone marrow transplantation

Add 13706-08 Autologous haematopoietic stem cell transplantation

810 **Radical excision of retroperitoneal lymph node**

37607-00 Radical excision of retroperitoneal lymph nodes
Add Radical dissection of retroperitoneal lymph nodes

815 **Other excision procedures on spleen**

30597-00 Splenectomy

Revise ***Excludes***: partial splenectomy for trauma (30596-00 [815])

CHAPTER X

874 Destruction procedures on stomach

30505-00 Control of bleeding peptic ulcer

Code also when performed:
- vagotomy:
  - highly selective (30499-00 **[872]**, 30500-00, 30502-00 **[884]**)
  - selective [truncal] (30496-00 **[872]**, 30496-01, 30496-02 **[884]**)

Add ***Excludes***: that by gastric resection (30509-00 **[880]**)

889 Procedures for morbid obesity

90950-00 Insertion of gastric bubble [balloon]

Add code 90953-00 Adjustment of gastric band

896 Other excision procedures on small intestine

Add 90336-00 Isolation of segment of small intestine for interposition

Revise ***Excludes***: that with formation of reservoir:
Revise • intestinal (32069-00 **[897]**)~~, 36606-00 **[1085]**~~
Add • urinary (36606-00 **[1085]**)

897 Stomas of small intestine

30515-01 Enterocolostomy
Add Ileocolonic anastomosis

914 Other excision procedures on large intestine

Add 90336-01 Isolation of segment of large intestine for interposition

915 Other stomas of large intestine

Delete code ~~32029-00 Construction of colonic reservoir~~

~~*Code also when performed:*~~
~~• isolation of intestine:~~
~~• large (90336-01 **[914]**)~~
~~• small (90336-00 **[895]**)~~

~~***Excludes***: that for urinary diversion (36606-00 **[1085]**)~~

928 Application, insertion or removal procedures on rectum

32120-00 Insertion of anal suture for anorectal prolapse

Add code 32212-00 Application of formalin dressing to ano-rectal region

Note: performed for treatment of radiation proctitis

933 Anterior resection of rectum

Add ***Includes***: covering stoma

32024-00 High restorative anterior resection of rectum with intraperitoneal anastomosis

Add ***Note***: anastomosis is performed > 10 cm from anal verge

32025-00 Low restorative anterior resection of rectum with extraperitoneal anastomosis

Delete ~~***Includes***: covering stoma~~

Add ***Note***: anastomosis is performed ≤10 cm from anal verge

Revise ~~32028-00~~
32026-00 Low restorative anterior resection of rectum with coloanal anastomosis

Delete ~~***Includes***: covering stoma~~

Add ***Note***: anastomosis is performed ≤6 cm from anal verge

Revise ~~32028-01~~
32028-00 Ultra low restorative anterior resection of rectum with sutured coloanal anastomosis
Proctosigmoidectomy with coloanal anastomosis

Delete ~~***Includes***: that with covering stoma~~

Add ***Note***: anastomosis is performed ≤6 cm from anal verge

Add code 32029-00 Construction of colonic reservoir
Construction of colonic J-pouch

Code also when performed:
- isolation of intestine for interposition:
  - large (90336-01 **[914]**)
  - small (90336-00 **[896]**)

Excludes: that for urinary diversion (36606-00 **[1085]**)

936 **Other repair procedures on rectum**

Delete code ~~90313-01 Manual reduction of rectal prolapse~~

937 **Other procedures on rectum**

Add code 90313-01 Manual reduction of rectal prolapse

939 **Insertion of anal stimulator**

32206-00 Insertion of subcutaneous electrical anal stimulator and electrodes

Add code 32210-00 Replacement of gracilis neosphincter pacemaker

946 **Other repair procedures on anus**

32203-00 Anal or perineal graciloplasty
Add Gracilis muscle transplantation

32209-00 Anal or perineal graciloplasty with insertion of stimulator and electrodes
Add Gracilis muscle transplantation with insertion of stimulator [gracilis neosphincter pacemaker] and electrodes

954 **Repair procedures on liver**

Add 90317-00 Transplantation of liver

956 **Other procedures on liver**

Add code 30419-00 Cryotherapy of liver
Cryotherapy of liver tumour

981 **Other repair procedures on pancreas**

Add 90324-00 Transplantation of pancreas

984 **Laparoscopy**

30390-00 Laparoscopy

Delete ***Excludes***: gynaecological ~~diagnostic~~ laparoscopy (35637-00 **[1232]**)

Add that with biopsy (30391-00 **[988]**)

988 **Biopsy of abdomen, peritoneum or omentum**

30391-00 Laparoscopy with biopsy

Delete ***Excludes***: gynaecological ~~diagnostic~~ laparoscopy with biopsy (35637-05 **[1234]**)

989 **Other excision procedures on abdomen, peritoneum or omentum**

30323-00 Excision of retroperitoneal neuro-endocrine tumour with retroperitoneal dissection

Add code 30392-00 Debulking of intra-abdominal tumour
Radical removal of intra-abdominal tumour

Includes: omentectomy

Excludes: that for neuroblastoma (43987-01 **[989]**)

Revise 90328-00 Excision of lesion of ~~mesentery~~ peritoneal tissue

Add ***Excludes***: debulking of intra-abdominal tumour (30392-00 **[989]**)

Revise 90328-01 Excision of lesion of ~~mesentery~~ peritoneal tissue with intestinal resection

Add ***Excludes***: debulking of intra-abdominal tumour (30392-00 **[989]**)

992 **Repair of umbilical, epigastric or linea alba hernia**

Add ***Includes***: graft
Add prosthesis

Add ***Excludes***: that for incarcerated (obstructed) (strangulated) hernia (30615-00 **[997]**)

993 **Repair of incisional hernia**

Incisional hernioplasty
Add Repair of incarcerated, obstructed or strangulated incisional hernia

996 **Repair of other abdominal wall hernia**

Revise Repair of:
Add • incarcerated, obstructed or strangulated other abdominal wall hernia
Revise • ventral hernia, adult

997 **Repair of incarcerated, obstructed or strangulated hernia**

Add Repair of incarcerated, obstructed or strangulated hernia:
- diaphragmatic
- *Add* epigastric
- *Delete* ~~inguinal~~
- femoral
- *Add* inguinal
- *Add* linea alba
- obturator
- *Add* umbilical

30615-00 Repair of incarcerated, obstructed or strangulated hernia

Excludes: that for:
- *Revise* incisional hernia (see block **[993]**)
- *Revise* ventral hernia (see block **[996]**)

1000 **Other repair procedures on abdomen, peritoneum or omentum**

Delete code ~~30403-02 Repair of burst abdomen~~

CHAPTER XI

1082 **Transplantation of ureter into isolated bowel segment**

Code also when performed:
- *Add* isolation of intestine for interposition:
  - large (90336-01 **[914]**)
  - small (90336-00 **[896]**)

1094 **Other incision procedures on bladder**

37008-06 Division of intraluminal bladder adhesions

Add code 36825-00 Endoscopic incision of pelviureteric junction or ureteric stricture

Includes: cysto-urethroscopy
removal of ureteric stent
replacement of ureteric stent

1095 **Destruction procedures on bladder**

36839-02 Endoscopic laser destruction of single bladder tumour
Add Endoscopic laser destruction of bladder lesion NOS

1096 **Endoscopic destruction of bladder tumour**

36839-00 Endoscopic destruction of single bladder tumour
Add Endoscopic destruction of bladder lesion NOS

1113 **Other application, insertion or removal procedures on urethra**

Revise ~~90368-00~~
36811-01 Endoscopic insertion of urethral stent

36811-00 Endoscopic insertion of urethral prosthesis

Revise ***Excludes***: urethral stent (36811-01 **[1113]**)

CHAPTER XII

1192 **Other application, insertion or removal procedures on penis**

37415-00 Injection into penis

Add code 13290-00 Collection of semen using a device
Collection of semen using:
- electro-ejaculation device
- vibrator

Includes: bladder catheterisation
drainage of bladder

Add code 13292-00 Collection of semen using a device under general anaesthetic
Collection of semen under general anaesthetic using:
- electro-ejaculation device
- vibrator

Includes: bladder catheterisation
drainage of bladder

1200 **Other repair procedures on penis**

Delete 37408-01 Repair of fracture involving ~~corporal~~ cavernous tissue of penis

CHAPTER XIII

1232 Other incision procedures on pelvic cavity

Delete 35637-00 ~~Diagnostic~~ Gynaecological laparoscopy

Delete ~~*Includes*: biopsy~~

Excludes: non gynaecological laparoscopy (30390-00 **[984]**)

Add that with biopsy (35637-05 **[1234]**)

1234 Biopsy of pelvic peritoneum

Revise 35637-05 Gynaecological laparoscopy with biopsy

Add *Excludes*: non gynaecological laparoscopy with biopsy (30391-00 **[988]**)

CHAPTER XIV

1334 Medical or surgical induction of labour

Add 90465-03 Surgical induction of labour by ARM

Artificial rupture of membranes [ARM] before onset of labour

Delete ~~Induction by ARM~~

CHAPTER XV

Note:
REDUCTION OF FRACTURE/DISLOCATION

Closed reduction with internal fixation involves correction of a dislocation/fracture without operative exposure and includes internal fixation.

Add Includes that with additional external fixation

Delete ~~*internal*~~

1360 Application, insertion or removal procedures of head

53403-00 Immobilisation of fracture of mandible without splinting

Add code 52096-00 Insertion of pin or wire into maxilla, mandible or zygoma

Excludes: that with fracture (see Index: Reduction, fracture, by site, with fixation)

Add code 52102-00 Removal of pin, screw or wire from maxilla, mandible or zygoma

Add code 52106-00 Removal of arch bars from maxilla or mandible

Add **1490 Transplantation or transfer of tendon or muscle of pelvis or hip**

Add 50121-00 Transplantation of iliopsoas tendon to greater trochanter

1514 Lateral release of knee with repair

Delete 49561-00 Arthroscopic lateral release of knee with debridement, osteoplasty or chrondroplasty

1520 Other repair procedures on knee or leg

49569-00 Quadricepsplasty of knee

Add code 90598-00 Other repair of knee

1544 Other repair procedures on ankle or foot

49715-00 Total arthroplasty of ankle

Add code 90599-00 Other repair of ankle

1554 Other application, insertion or removal procedures on other musculoskeletal sites

Add 47927-00 Removal of pin, screw or wire, not elsewhere classified

Add *Excludes*: that of maxilla, mandible or zygoma (52102-00 **[1360]**)

that without general anaesthesia (47924-00 **[1554]**)

1566 Excision procedures on other musculoskeletal sites

50203-01 Marginal excision of malignant tumour of deep soft tissue

Includes: desmoid tumour
fibromatosis
neurofibromatosis
neurofibrosis

Add *Excludes*: that by wide excision (31355-00 **[1566]**)

Add code 31355-00 Wide excision of malignant tumour of soft tissue

1569 **Graft of other musculoskeletal sites**

48242-00 Bone graft with internal fixation, not elsewhere classified

Add *Code also when performed:*
Add • procurement of bone for graft via separate incision (47726-00 **[1563]**)

1578 **Procedure for lengthening of other musculoskeletal sites**

Revise 50303-00 Limb lengthening, ~~not elsewhere classified~~ < 6 cm

Includes: application of ring fixator or similar device
Delete ~~limb lengthening ≤ 5cm~~

Add 50306-00 Limb lengthening, ≥ 6 cm or bipolar

Add *Includes*: application of ring fixator or similar device
that with bone transport or fixator extension

Add *Note:* bipolar involves cutting of bone in two places

CHAPTER XVI

1604 **Other application, insertion or removal procedures on skin and subcutaneous tissue**

Revise ~~90685-00~~
45019-00 Full face chemical peel

1612 **Destruction of benign lesion of skin**

Delete 30195-00 ~~Serial~~ Curettage of benign lesion of skin, single lesion

Delete 30195-01 ~~Serial~~ Curettage of benign lesion of skin, multiple lesions

30195-04 Cryotherapy of benign lesion of skin, single lesion

Excludes: that with:
Add • curettage (30195-00 **[1612]**
• destruction by laser (30195-02 **[1612]**)
Delete ~~• serial curettage (30195-00 **[1612]**)~~

30195-05 Cryotherapy of benign lesion of skin, multiple lesions

Excludes: that with:
Add • curettage (30195-01 **[1612]**
• destruction by laser (30195-03 **[1612]**)
Delete ~~• serial curettage (30195-01 **[1612]**)~~

30195-06 Electrotherapy of benign lesion of skin, single lesion

Add *Excludes*: cauterisation of vascular anomaly 45027-00 **[743]**
Add diathermy of telangiectases of head or neck 30213-00 **[743]**

30195-07 Electrotherapy of benign lesion of skin, multiple lesions

Add *Excludes*: cauterisation of vascular anomaly 45027-00 **[743]**
Add diathermy of telangiectases of head or neck 30213-00 **[743]**

1613 **Destruction of premalignant skin lesion**

30192-00 Destruction of premalignant skin lesion

Includes: cryocautery
Add curettage
laser
Delete ~~serial curettage~~

Add *Excludes*: cryotherapy of premalignant oral mucosa lesion (52034-00 **[1613]**)
that by excision (90664 **[1625]**)

Add code 52034-00 Cryotherapy of premalignant oral mucosa lesion

1614 **Destruction of malignant lesion of skin or cartilage**

Delete 30196-00 ~~Serial~~ Curettage of malignant lesion of skin, single lesion

Delete 30197-00 ~~Serial~~ Curettage of malignant lesion of skin, multiple lesions

1661 **Insertion or removal of tissue expander**

Revise 45572-00 Intra-operative insertion of ~~intra-operative~~ tissue expander

1662 **Excision, eyelid**

45665-01 Full thickness wedge excision of eyelid

Includes: repair by direct suture

Add *Excludes*: that for ectropion or entropion (45626-01 [239])

1675 **Meloplasty**

Add 45587-00 Meloplasty, unilateral

Add Browlift
Browplasty (endoscopic) } unilateral
Correction of facial soft tissue asymmetry

Add Facelift
Facial rhytidectomy } unilateral
Repair of eyebrow ptosis

Add code 45588-00 Meloplasty, bilateral

Browlift
Browplasty (endoscopic)
Facelift
Facial rhytidectomy } bilateral
Repair of eyebrow ptosis

1678 **Repair of ear**

Add 45659-01 Other correction of external ear deformity
Correction of:
- constricted ear
- lop ear

Delete ~~Otoplasty NOS~~

1690 **Procedures for cleft palate**

45713-00 Secondary repair of cleft palate, lengthening procedure

Add code 52337-00 Repair of alveolar cleft
Grafting of alveolar cleft

Includes: alveolar ridge augmentation
closure of oro-nasal fistulae

CHAPTER XVII

1753 **Augmentation mammoplasty**

Revise ~~45524-01~~
45528-00 Augmentation mammoplasty, bilateral

CHAPTER XVIII

1781 **Intravenous chemotherapy**

13915-00 Chemotherapy, intravenous administration ≤ 1 hour duration

Add Chemotherapy, intravenous administration NOS

1789 **Other megavoltage radiation treatment**

Revise ~~90763-00~~
15600-00 Stereotactic radiation treatment, single dose
Stereotactic radiosurgery, single dose

Revise ~~90763-01~~
15600-01 Stereotactic radiation treatment, fractionated
Stereotactic radiosurgery, fractionated

Revise ~~90763-02~~
15600-02 Hemi body irradiation

Revise ~~90763-03~~
15600-03 Total body irradiation

Revise ~~90763-04~~
15600-04 Total skin irradiation

1795 **Administration of a therapeutic dose of unsealed radioisotope**

16003-00 Administration of a therapeutic dose of Yttrium 90

Add code 16015-00 Administration of a therapeutic dose of Strontium 89

CHAPTER XIX

1837 **Special vision services**

Revise ~~10815-00~~
10816-00 Refitting of contact lenses

1852 **Examination and recording of wave forms of peripheral vessels**

11603-00 Examination and recording of wave forms of peripheral vessels at rest by 1 technique

Revise ***Excludes***: that of artery of penis (55282-00 [1947])

1861 **Transfusion of blood and gamma globulin**

92064-00 Transfusion of other substance

Add code 92206-00 Exchange transfusion
Blood transfusion for complete replacement of blood

Excludes: exchange transfusion in neonate (13306-00 [1860])

1863 **Nonoperative irrigation, cleaning and local instillation of gastrointestinal tract**

Revise 92077-00 Other ~~transanal enema~~ rectal irrigation
Delete ~~Rectal irrigation~~

CHAPTER XX

Delete block ~~**1944**~~ ~~**Duplex ultrasound of carotid vessels**~~

~~***Includes***: that involving B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis~~

~~***Excludes***: intra-operative ultrasound (55054 [1949])~~

Delete code ~~55201-00 Duplex ultrasound of carotid vessels, unilateral~~

Delete code ~~55201-01 Duplex ultrasound of carotid vessels, bilateral~~

Delete code ~~55201-02 Duplex ultrasound of carotid vessels and vertebral arteries, unilateral~~

Delete code ~~55201-03 Duplex ultrasound of carotid vessels and vertebral arteries, bilateral~~

Delete code ~~55225-00 Duplex ultrasound of carotid vessels with oculoplethysmography, unilateral~~

~~***Excludes***: that with peripheral vessels (55231-00 [1946])~~

Delete code ~~55225-01 Duplex ultrasound of carotid vessels with oculoplethysmography, bilateral~~

~~***Excludes***: that with peripheral vessels (55231-01 [1946])~~

LABEL

Add block **1944** **Duplex ultrasound of cranial, carotid or vertebral vessels**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Add code 55274-00 Duplex ultrasound of extracranial, carotid and vertebral vessels

Includes: duplex ultrasound of:
- innominate vessels
- subclavian vessels

oculoplethysmography
peri-orbital Doppler examination

Add code 55280-00 Duplex ultrasound of intracranial vessels

Delete block ~~**1945**~~ ~~**Duplex ultrasound of peripheral vessels**~~

~~***Includes***: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis~~

~~***Excludes***: intra-operative ultrasound (55054 [1949])~~
~~that of artery of penis (55207-00 [1947])~~
~~that with oculoplethysmography (55231-00, 55231-01 [1946])~~

Delete code ~~55201-04 Duplex ultrasound of peripheral vessels, unilateral~~

Delete code ~~55201-05 Duplex ultrasound of peripheral vessels, bilateral~~

Delete code ~~55201-06 Duplex ultrasound of peripheral vessels and intra-abdominal vascular structures, unilateral~~

~~***Includes***: views of lower aorta~~

Delete code ~~55201-07 Duplex ultrasound of peripheral vessels and intra-abdominal vascular structures, bilateral~~

~~***Includes***: views of lower aorta~~

LABEL

Add block **1945** **Duplex ultrasound of intrathoracic or intra-abdominal vessels**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [1949])

Add code 55276-00 Duplex ultrasound of intra-abdominal, aorta and iliac arteries and/or inferior vena cava and iliac veins

Excludes: that for pregnancy related condition (55040, 55058 [1943])

Add code 55278-00 Duplex ultrasound of renal and/or visceral vessels

Includes: duplex ultrasound of:
- aorta
- iliac vessels
- inferior vena cava

Excludes: that for pregnancy related condition (55040, 55058 [1943])

Delete block ~~**1946**~~ ~~**Duplex ultrasound of peripheral and carotid vessels with oculoplethysmography**~~

~~*Includes*: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis~~

~~*Excludes*: intra-operative ultrasound (55054 [1949])~~
~~that of artery of penis (55207-00 [1947])~~

Delete code ~~55231-00 Duplex ultrasound of peripheral and carotid vessels with oculoplethysmography, unilateral~~

Delete code ~~55231-01 Duplex ultrasound of peripheral and carotid vessels with oculoplethysmography, bilateral~~

LABEL

Add block **1946** **Duplex ultrasound of limb**

Includes: that involving B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [1949])

Add code 55248-00 Duplex ultrasound of arteries or bypass grafts in upper limb, unilateral

Add code 55266-00 Duplex ultrasound of arteries or bypass grafts in upper limb, bilateral

Add code 55252-00 Duplex ultrasound of veins in upper limb, unilateral

Excludes: duplex ultrasound of venous bypass graft in upper limb (55248-00 [1946])

Add code 55270-00 Duplex ultrasound of veins in upper limb, bilateral

Excludes: duplex ultrasound of venous bypass graft in upper limb (55266-00 [1946])

Add code 55238-00 Duplex ultrasound of arteries or bypass grafts in lower limb, unilateral

Add code 55256-00 Duplex ultrasound of arteries or bypass grafts in lower limb, bilateral

Add code 55244-00 Duplex ultrasound of veins in lower limb, unilateral

Excludes: duplex ultrasound of venous bypass graft in lower limb (55238-00 [1946])

Add code 55262-00 Duplex ultrasound of veins in lower limb, bilateral

Excludes: duplex ultrasound of venous bypass graft in lower limb (55256-00 [1946])

LABEL

1947 **Duplex ultrasound of artery or cavernosal tissue of penis**

Revise ~~55207-00~~
55282-00 Duplex ultrasound of artery of penis

Revise ~~55210-00~~
55284-00 Duplex ultrasound of cavernosal tissue of penis

LABEL

Revise **1948** **Duplex ultrasound of other vessels**

Delete code ~~55201-08 Duplex ultrasound of intra-thoracic vascular structures~~

~~*Excludes*: that of heart (55112, 55118, 55130 [1942])~~

Delete code ~~55201-09 Duplex ultrasound of intra-abdominal vascular structures~~

~~*Excludes*: that for pregnancy related condition (55040, 55058 [1943])~~
~~that with scan of peripheral vessels (55201-06, 55201-07 [1945])~~

Add code 55286-00 Duplex ultrasound of vessels of other sites
Duplex ultrasound of vessels NOS

1950 Ultrasound of other sites

Revise ~~55056-00~~
90908-00 Ultrasound of other site

1951 Tomography

60100-00 Tomography

Excludes: computerised tomography (see blocks [1952] to [1966])
Revise ~~limited tomography (≤ 3 cuts)~~ that with intravenous pyelography (58706-00 [1978])

1967 Radiography of head or neck

57927-00 Radiography of temporomandibular joint

Revise *Excludes*: ~~contrast~~ arthrography (~~59745, 59748,~~ 59751-00 [1985])

Delete **1968 Radiography of spine~~, 1 region~~**

Includes: functional views

Revise *Excludes*: ~~that of:~~radiography of spine:
Delete • 2 regions (58112-00, ~~59727-00~~ [1969])
Delete • 3 regions (58115-00, ~~59730-00~~ [1969])

Delete 59724-00 Myelography~~, 1 region~~

1969 Radiography of spine ≥ 2 regions

58115-00 Radiography of spine, 3 regions

Delete code ~~59727-00 Myelography, 2 regions~~

Delete code ~~59730-00 Myelography, 3 regions~~

1973 Radiography of breast

59309-00 Mammary ductography of breast, bilateral

Add code 59314-00 Intra-operative radiography of breast, unilateral

Add code 59312-00 Intra-operative radiography of breast, bilateral

Add code 59318-00 Intra-operative radiography of excised breast tissue

Code first:
• localisation of lesion of breast (30361-00 [1740])

1974 Other radiography of chest

Revise ~~90905-00~~
59715-00 Bronchography

1975 Radiography of gastrointestinal tract

Delete code ~~58906-00 Radiography of oesophagus~~

~~*Excludes*: barium swallow (58906-02 [1975])~~

Delete code ~~58906-01 Radiography of oesophagus for localisation of foreign body~~

Delete code ~~58906-02 Barium swallow~~

Revise 58909-00 Opaque meal of pharynx, oesophagus, stomach or duodenum
Revise Barium meal of pharynx, oesophagus, stomach or duodenum

Add *Includes*: preliminary plain film

Add *Excludes*: opaque meal of oesophagus, stomach **and** duodenum with follow through to colon (58912-00 [1975])

Revise 58909-01 Opaque meal of pharynx, oesophagus, stomach or duodenum with screening radiography of chest
Revise Barium meal of pharynx, oesophagus, stomach or duodenum with screening radiography of chest

Add *Includes*: preliminary plain film

Add *Excludes*: opaque meal of oesophagus, stomach **and** duodenum with follow through to colon and screening radiography of chest (58912-00 [1975])

Revise 58912-00 Opaque meal of oesophagus, stomach and duodenum and follow through to colon
Revise Barium meal of oesophagus, stomach and duodenum and follow through to colon

Revise 58912-01 Opaque meal of oesophagus, stomach and duodenum and follow through to colon with screening radiography of chest

Revise Barium meal of oesophagus, stomach and duodenum and follow through to colon with screening radiography of chest

Revise 58915-00 Opaque meal of small intestine

Delete ~~Opaque meal of duodenum~~

Small bowel series

Add ***Includes***: preliminary plain film

Add ***Excludes***: that of duodenum (58909 **[1975]**)

Revise ~~58918-00~~

58916-00 Opaque enema of small intestine

Add Barium enema of small intestine

Add ***Includes***: duodenal intubation

Add preliminary plain film

Excludes: that for reduction of intussusception (14212-00 **[1891]**)

Revise 58921-00 Opaque enema

Add ***Includes***: air contrast study

Add preliminary plain film

Add ***Excludes***: opaque enema of small intestine (58916-00 **[1975]**)

1976 Radiography of biliary tract

58924-00 Cholecystography

Revise ***Includes***: preliminary plain film

Add tomography

1978 Intravenous pyelography [IVP]

Includes: preliminary plain film

Add tomography

Delete code ~~58709-00 Intravenous pyelography with limited tomography~~

~~***Includes:*** that with ≤ 3 tomographic cuts~~

Delete **1985 ~~Contrast~~ Arthrography**

Delete code ~~59748-00 Contrast arthrography~~

Delete 59751-00 ~~Double contrast~~ Arthrography

Add ***Includes***: contrast study

Add preliminary plain film

Delete code ~~59745-00 Pneumo-arthrography~~

~~***Includes***: air~~

~~gas~~

1987 Localisation of foreign body

59103-00 Radiography for localisation of foreign body

Delete ~~***Excludes***: that of foreign body in oesophagus (58906-01 **[1975]**)~~

1988 Other radiography

Revise ~~60700-00~~

90909-00 Radiography of other region

2003 Myocardial perfusion study

Delete ~~Myocardial perfusion study with:~~

Delete ~~• sestamibi~~

Delete ~~• thallium~~

2004 Myocardial perfusion study with photon emission tomography

Delete ~~Myocardial perfusion study with:~~

Delete ~~• sestamibi~~

Delete ~~• thallium~~

2012 Whole body nuclear medicine imaging study

Add 61430-00 Whole body study using gallium with tomography, 1 body region

Add code 61442-00 Whole body study using gallium with tomography, ≥ 2 body regions

2014 Other nuclear medicine imaging study

Revise ~~61503-00~~

90910-00 Nuclear medicine study of other region or organ

VOLUME 3, APPENDIX A
MAPPING TABLE:
FOR MBS ITEMS NOT INCLUDED IN MBS-E AND NEW ITEMS

	MBS item not included in MBS-E	*Principal Map	**Other Maps
	51	no map	
Add	81	52	
	338	308 (93308)	
Add	601	no map	
Add	602	no map	
Add	697	54 (93054)	
Add	698	54 (93054)	
	10809	10801	
Add	11222	11221	
Add	11225	11224	
Delete	~~11227~~	~~11224~~	
Revise	12206	inactive '97	
Add	12207	12203	
Revise	12324	inactive '97	
	13319	new item '96/'97	
Add	13604	13603	
	14118	14106	
Add	14120	14100	
Add	14122	14100	
Add	14124	14106	
Add	14126	14106	
Add	14128	14106	
Add	14130	14106	
Add	14132	14106	
Revise	17500	inactive '97	
	17799	no map	
Add	17800	no map	
Add	17805	no map	
Add	17810	no map	
	17968	no map	
Add	17970	no map	
Revise	17971	inactive '97	
Revise	17972	inactive '97	
	18118	no map	
Add	18119	no map	
Revise	18210	no map	
Revise	18211	no map	
Revise	18212	no map	
Revise	30000	inactive '97	
Add	30001	no map	
	30110	30111	
Add	30214	30213	
Delete	~~30305~~	~~31300~~	
	31295	31310	
Add	31305	31300	
Delete	~~32026~~	~~32028~~	
	32212	new item '96/'97	
Add	32501	32500	
Revise	33106	inactive '97	
Revise	35575	inactive '97	
Revise	35579	inactive '97	
Revise	35583	inactive '97	
	35716	35717	
Add	36502	new item '97	
	42728	42725	
Add	42783	42782	
Add	42786	42785	
Add	42789	42788	
Add	42792	42791	
	45000	45009	
Add	45020	45019	
Add	45585	45584	
	49863	49860	
Add	50125	50124	
Revise	52001	inactive '97	
Delete	~~52096~~	~~47921~~	
Revise	52099	52102	
Delete	~~52102~~	~~47927~~	
Revise	55057	inactive '97	
Revise	55204	inactive '97	
Add	55207	inactive '97	
Add	55210	inactive '97	
Revise	55234	inactive '97	
Revise	55237	inactive '97	
Add	55240	55238	
Add	55242	55238	
Add	55246	55244	
Add	55250	55248	
Add	55254	55252	
Add	55258	55256	
Add	55260	55256	
Add	55264	55262	
Add	55268	55266	
Add	55272	55270	
Add	55288	no map	
Add	55290	no map	
	58503	58500	
Add	58709	inactive '97	
	58933	30440	
Add	59727	inactive '97	
Add	59730	inactive '97	
Add	59745	inactive '97	
Add	59748	inactive '97	
Revise	60909	inactive '97	
Revise	60930	inactive '97	
Revise	60933	inactive '97	
Revise	60936	inactive '97	
Revise	60939	inactive '97	
Revise	60942	inactive '97	
Revise	60945	inactive '97	
Revise	60948	inactive '97	
Revise	60957	inactive '97	
Revise	60966	inactive '97	
Revise	60969	inactive '97	
Revise	60972	inactive '97	
Revise	60981	inactive '97	

VOLUME 3, APPENDIX B
MBS-E CODE LIST

	MBS-E code	Block No.
	10801-00	1837
Delete	~~10815-00~~	~~1837~~
Add	10816-00	1837
	13221-00	1177
Add	13290-00	1192
Add	13292-00	1192
	13312-00	1860
Add	13319-00	738
	15536-02	1799
Add	15600-00	1789
Add	15600-01	1789
Add	15600-02	1789
Add	15600-03	1789
Add	15600-04	1789
	16012-00	1795
Add	16015-00	1795
	30391-00	988
Add	30392-00	989
Add	30393-00	986
	30403-01	996
Revise	30403-02	not used
	30418-00	953
Add	30419-00	956
Revise	30565-00	895
Revise	30566-00	895
	30617-01	992
Delete	~~30617-02~~	~~992~~
	31350-00	1566
Add	31355-00	1566
	32025-00	933
Add	32026-00	933
	32028-00	933
Delete	~~32028-01~~	~~933~~
Revise	32029-00	933
	32209-00	946
Add	32210-00	939
Add	32212-00	928
	32500-01	722
Add	32504-00	not used
	36809-00	1073
Add	36811-00	1113
Add	36811-01	1113
	36824-01	1065
Add	36825-00	1094
Revise	36854-03	1117
	37044-03	1108
Add	37045-00	946
	37209-00	1167
Add	37210-00	1167
Add	37211-00	1167
	38259-00	648
Add	38259-01	654
Add	38259-02	654
Revise	38456-09	not used
	39139-01	43
Add	39140-00	32
	41563-01	326
Add	41564-00	323
Add	41564-01	323
	41671-03	379
Add	41672-00	381
	41868-00	522
Add	41869-00	521
	42807-00	190
Revise	42808-00	190
	45018-03	1670
Add	45019-00	1604
	45524-00	1753
Delete	~~45524-01~~	~~1753~~
	45527-01	1753
Add	45528-00	1753
	45587-00	1675
Add	45588-00	1675
Delete	~~45626-02~~	~~239~~
	47030-00	1458
Add	47030-01	not used
	50423-00	1516
Add	52034-00	1613
Add	52096-00	1360
Add	52102-00	1360
Add	52106-00	1360
	52327-00	1685
Add	52337-00	1690
Delete	~~55056-00~~	~~1950~~
Delete	~~55201-00~~	~~1944~~
Delete	~~55201-01~~	~~1944~~
Delete	~~55201-02~~	~~1944~~
Delete	~~55201-03~~	~~1944~~
Delete	~~55201-04~~	~~1945~~
Delete	~~55201-05~~	~~1945~~
Delete	~~55201-06~~	~~1945~~
Delete	~~55201-07~~	~~1945~~
Delete	~~55201-08~~	~~1948~~
Delete	~~55201-09~~	~~1948~~
Delete	~~55207-00~~	~~1947~~
Delete	~~55210-00~~	~~1947~~
Delete	~~55225-00~~	~~1944~~
Delete	~~55225-01~~	~~1944~~
Delete	~~55231-00~~	~~1946~~
Delete	~~55231-01~~	~~1946~~
Add	55238-00	1946
Add	55244-00	1946
Add	55248-00	1946
Add	55252-00	1946
Add	55256-00	1946
Add	55262-00	1946
Add	55266-00	1946
Add	55270-00	1946
Add	55274-00	1944
Add	55276-00	1945
Add	55278-00	1945
Add	55280-00	1944
Add	55282-00	1947
Add	55284-00	1947
Add	55286-00	1948
Delete	~~58709-00~~	~~1978~~
Delete	~~58906-00~~	~~1975~~
Delete	~~58906-01~~	~~1975~~
Delete	~~58906-02~~	~~1975~~
	58915-00	1975
Add	58916-00	1975
Delete	~~58918-00~~	~~1975~~
	59309-00	1973
Add	59312-00	1973
Add	59314-00	1973
Add	59318-00	1973
	59712-00	1982
Add	59715-00	1974
Delete	~~59727-00~~	~~1969~~
Delete	~~59730-00~~	~~1969~~
Delete	~~59745-00~~	~~1985~~
Delete	~~59748-00~~	~~1985~~
Delete	~~60700-00~~	~~1988~~
	61441-00	2011
Add	61442-00	2012
Delete	~~61503-00~~	~~2014~~
Delete	~~90203-02~~	~~654~~
Revise	90313-01	937
	90597-00	1436
Add	90598-00	1520
Add	90599-00	1544
Delete	~~90763-00~~	~~1789~~
Delete	~~90763-01~~	~~1789~~
Delete	~~90763-02~~	~~1789~~
Delete	~~90763-03~~	~~1789~~
Delete	~~90763-04~~	~~1789~~
Delete	~~90905-00~~	~~1974~~
	90907-00	2014
Add	90908-00	1950
Add	90909-00	1988
Add	90910-00	2014
	90952-00	987
Add	90953-00	889
	92205-00	1893
Add	92206-00	1861

VOLUME 4
ALPHABETIC INDEX OF PROCEDURES

INTRODUCTION

page ix
Revise

Sequence

The prepositions 'as', 'by', 'for', 'with', and 'without' immediately follow the main term or subterm to which they refer. ~~It is ***imperative*** that these prepositional subterms (essential modifiers) are checked before consulting the alphabetic subterms.~~ When a procedure description includes terms listed under a prepositional subterm and an alphabetic subterm, the prepositional subterm takes precedence. For example:

Formation
- fistula
- - arteriovenous
- - - with
- - - - graft (vein) 34512-00 [765]*
- - - - prosthesis (Goretex) 34512-01 [765]
- - - limb (extremity)
- - - - lower 34509-00 [765]**
- - - - upper 34509-01 [765]

In this example, 'formation of an arteriovenous fistula of the lower limb with graft' would be assigned code 34512-00 [765]* rather than code 34509-00 [765]** because entries under 'with' take precedence over the alphabetic subterm of 'limb'.

When multiple prepositional references are present, they are listed in alphabetic sequence. For example:

Arthroplasty...

p2

Adjustment
- electrode (epicardial) (open) (transcutaneous) (transvenous) 38456-07 **[654]**
- - percutaneous (closed) 90203-00 **[654]**

Add
- gastric band (deflation) (inflation) 90953-00 **[889]**

Administration (of) — *see also* Injection
- radioisotope (unsealed) 16000-00 **[1795]**
- - specified NEC 16000-00 **[1795]**

Add
- - Strontium (89) 16015-00 **[1795]**

Amygdala hippocampectomy — *see* Lobectomy, brain

Bold

Anaesthesia

p5

Anastomosis
- artery 32766-00 **[718]**
- - carotid 33827-00 **[709]**
- - - for occlusive arterial disease 32703-00 **[718]**

Delete
- - - ~~with resection (with endarterectomy) 32703-00 **[718]**~~
- coloanal (colorectal)
- - with resection of rectum

Revise
- - - low restorative (with covering stoma) 32026-00 **[933]**

Revise
- - - ultralow restorative 32028-00 **[933]**
- ileoanal
- - with
- - - proctocolectomy, total 32051-00 **[934]**
- - - - and formation of temporary ileostomy 32051-01 **[934]**

Add
- ileocolonic 30515-01 **[897]**

p8

Angioplasty

Add
- balloon (by rotablator) (transluminal)

p12, Delete

Arthrodesis ~~(with bone graft)~~ (with fixation device) 50109-00 **[1571]**
- knee 49509-01 **[1512]**
- - with

Revise
- - - resection of distal femur and proximal tibia 50411-00 **[1515]**

Revise
- - - - with rotationplasty 50414-00 **[1515]**

Revise

Arthrography (with contrast study) (with preliminary plain film) 59751-00 **[1985]**

Delete
- ~~with contrast NEC 59748-00 **[1985]**~~

Delete
- - ~~air 59745-00 **[1985]**~~

Delete
- - ~~double 59751-00 **[1985]**~~

Delete
- - ~~gas 59745-00 **[1985]**~~

Arthroplasty (*see also* Repair, joint) 50127-00 **[1571]**
- interphalangeal
- - hand

Revise
- - - capsule 46330-00 **[1465]**

Revise
- - - ligament 46330-00 **[1465]**

p13
- metacarpophalangeal

Revise
- - capsule 46330-00 **[1465]**

Revise
- - ligament 46330-00 **[1465]**

p14	**Arthroscopy** 50100-00 **[1555]**
	- knee 49557-00 **[1501]**
	- - with
	- - - excision of
	- - - - meniscus 49560-03 **[1503]**
Revise	- - - - - margin 49557-02 **[1503]**
Revise	- - - - plica 49557-02 **[1503]**
p16	**Aspiration**
	- chest
	- - diagnostic 38400-00 **[560]**
Add	- - - and therapeutic 38403-00 **[560]**
	- - therapeutic 38403-00 **[560]**
Add	- - - and diagnostic 38403-00 **[560]**
Delete	- pleural cavity ~~(therapeutic) 38403-00~~ ~~**[560]**~~
	- - diagnostic 38400-00 **[560]**
Add	- - - and therapeutic 38403-00 **[560]**
Add	- - therapeutic 38403-00 **[560]**
Add	- - - and diagnostic 38403-00 **[560]**
p19	**Barium**
Revise	- enema (with preliminary plain film) 58921-00 **[1975]**
	- - with air contrast study 58921-00 **[1975]**
Add	- - small intestine (with duodenal intubation) 58916-00 **[1975]**
Add	- meal (with preliminary plain film)
Revise	- - duodenum 58909-00 **[1975]**
Delete	- - - ~~with oesophagus and stomach — *see* Barium, meal, oesophagus, and stomach and duodenum~~
Delete	- - ~~oesophagus~~
Delete	- - - ~~and stomach and duodenum 58909-00~~ ~~**[1975]**~~
Delete	- - - - ~~with screening radiography of chest 58909-01~~ ~~**[1975]**~~
Delete	- - - - ~~and follow through to colon 58912-00~~ ~~**[1975]**~~
Delete	- - - - - ~~with screening radiography of chest 58912-01~~ ~~**[1975]**~~
Add	- - - with
Add	- - - - oesophagus and stomach
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**
Add	- - - - screening radiography of chest 58909-01 **[1975]**
Add	- - oesophagus 58909-00 **[1975]**
Add	- - - with
Add	- - - - screening radiography of chest 58912-01 **[1975]**
Add	- - - - stomach and duodenum
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**

	Barium — *continued*
	- meal (with preliminary plain film) — *continued*
Add	- - pharynx 58909-00 **[1975]**
Add	- - - with screening radiography of chest 58909-01 **[1975]**
Add	- - small intestine NEC 58915-00 **[1975]**
Add	- - stomach 58909-00 **[1975]**
Add	- - - with
Add	- - - - oesophagus and duodenum
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**
Add	- - - - screening radiography of chest 58909-01 **[1975]**
Delete	- ~~swallow (upper gastrointestinal) 58906-02~~ ~~**[1975]**~~
p20	**Biopsy**
	- ear
Revise	- - external 30075-28 **[303]**
	- intra-abdominal NEC
	- - female pelvis (open) 35726-00 **[1234]**
	- - - via laparoscopy 35637-05 **[1234]**
Delete	- - - - ~~diagnostic 35637-00~~ ~~**[1232]**~~
p21	- mesentery
	- - female pelvis (open) 35726-00 **[1234]**
	- - - via laparoscopy 35637-05 **[1234]**
Delete	- - - - - ~~diagnostic 35637-00~~ ~~**[1232]**~~
	- omentum
	- - female pelvis (open) 35726-00 **[1234]**
	- - - via laparoscopy 35637-05 **[1234]**
Delete	- - - - ~~diagnostic 35637-00~~ ~~**[1232]**~~
p22	- peritoneum
	- - female pelvis (open) 35726-00 **[1234]**
	- - - via laparoscopy 35637-05 **[1234]**
Delete	- - - - ~~diagnostic 35637-00~~ ~~**[1232]**~~
p24, Revise	**Bronchography** (endotracheal) 59715-00 **[1974]**
Revise	**Browlift** (bilateral) 45588-00 **[1675]**
Add	- unilateral 45587-00 **[1675]**
Revise	**Browplasty** (endoscopic) (bilateral) 45588-00 **[1675]**
Add	- unilateral 45587-00 **[1675]**
p28	**Catheterisation**
Add	- artery (open) 34524-00 **[694]**

Catheterisation — *continued*
- central vein (Broviac) (Cook) (Groshong) (Hickman) (open) 13815-00 **[738]**
- - with insertion of implantable
- - - vascular access port (with attachment of external infusion pump) 34527-00 **[738]**

Add - - in neonate, via peripheral vein 13319-00 **[738]**
- - percutaneous (closed) 13815-01 **[738]**
- - - with insertion of implantable
- - - - vascular access port (with attachment of external infusion pump) 34528-00 **[738]**

Add - - via peripheral vein, in neonate 13319-00 **[738]**
p29 - vein NEC 90220-00 **[738]**
- - central (CVC) (femoral) (jugular) (subclavian) 13815-00 **[738]**
- - - with insertion of implantable
- - - - vascular access port (with attachment of external infusion pump) 34527-00 **[738]**

Add - - - in neonate, via peripheral vein 13319-00 **[738]**
- - - percutaneous (closed) 13815-01 **[738]**
- - - - with insertion of implantable
- - - - - vascular access port (with attachment of external infusion pump) 34528-00 **[738]**

Add - - - via peripheral vein, in neonate 13319-00 **[738]**
- - in neonate 13300-00 **[738]**

Add - - - central, via peripheral vein 13319-00 **[738]**

Cauterisation — *see also* Destruction
- conjunctiva 42677-00 **[253]**

Add - ectropion 42581-00 **[239]**
Add - entropion 42581-01 **[239]**

p30 **Chemical peel**
Revise - full face 45020-00 **[1604]**

Chemosurgery
Revise - chemical face peel 45020-00 **[1604]**

Cholangiography
- direct

Add - - postoperative (with preliminary plain film) 58927-00 **[1976]**

p33 **Closure** (of)
Delete - abdominal wall ~~30403-02 **[1000]**~~
- atrial septal defect (for congenital heart disease) (open) 38742-02 **[617]**
- - percutaneous (closed) 38742-00 **[617]**
- - - with patch graft 38742-01 **[617]**

Closure (of) — *continued*
Add - auditory canal, external
Add - - with obliteration of mastoid cavity and eustachian tube
Add - - - with mastoidectomy (radical) 41564-01 **[323]**
Add - - - - modified radical 41564-00 **[323]**
- exomphalos, delayed 43873-02 **[924]**

Add - external auditory canal
Add - - with obliteration of mastoid cavity and eustachian tube
Add - - - with mastoidectomy (radical) 41564-01 **[323]**
Add - - - - modified radical 41564-00 **[323]**
p34 - fistula
- - oronasal 45714-00 **[1680]**
- - - for secondary repair of cleft palate 45710-00 **[1690]**

Add - - - with repair of alveolar cleft 52337-00 **[1690]**

p36 **Colectomy**
- for

Delete - - ~~formation of reservoir 90336-01 **[914]**~~
- - Hirschsprung's Disease
- - - total (with anastomosis) 43996-00 **[1010]**

Add - - interposition 90336-01 **[914]**
Add - - - with formation of urinary reservoir 36606-00 **[1085]**

Collection
- seminal fluid (sperm)
- - by aspiration (percutaneous) 30094-07 **[1180]**
- - - open 37604-06 **[1178]**

Add - - using a vibrator or electro-ejaculation device 13290-00 **[1192]**
Add - - - under general anaesthetic 13292-00 **[1192]**

p37 **Construction** — *see also* Formation
- reservoir

Revise - - colon 32029-00 **[933]**

p38 **Consultation** 92000-00 **[1820]**
Add - psychiatric (patient) 93300-00 **[1823]**

Control
- haemorrhage
- - gastrointestinal
- - - by hypothermia 13503-00 **[1867]**

Add - - - from peptic ulcer 30505-00 **[874]**
Add - - - - by gastric resection 30509-00 **[880]**
Add - - - - - wedge 30505-00 **[874]**

Control — *continued*
- haemorrhage — *continued*
- - peptic ulcer 30505-00 **[874]**
- - - by gastric resection 30509-00 **[880]**
Add - - - - wedge 30505-00 **[874]**

p39 **Correction** — *see also* Repair
- cleft
Add - - alveolar — *see* Repair, cleft, alveolar
Delete - ectropion ~~45626-02~~ ~~**[239]**~~
- - by
Revise - - - tarsoconjunctival diamond repair 45626-01 **[239]**
Delete - entropion ~~45626-02~~ ~~**[239]**~~
- eyebrow
Revise - - ptosis (bilateral) 45588-00 **[1675]**
Add - - - unilateral 45587-00 **[1675]**
- ptosis
Revise - - eyebrow (bilateral) 45588-00 **[1675]**
Add - - - unilateral 45587-00 **[1675]**

p40 **Count**
- whole body (nuclear medicine) 12530-00 **[1884]**
- - using
- - - gallium 61429-00 **[2012]**
Add - - - - with photon emission tomography (PET) (single region) 61430-00 **[2012]**
Add - - - - - ≥ 2 regions 61442-00 **[2012]**

p41 **Creation** — *see also* Formation
- pouch (prosthetic) (silastic) (silo)
- - for
- - - gastroschisis 43867-00 **[1003]**
Add - - J-pouch 32029-00 **[933]**

p42 **Cryotherapy**
- lesion
- - cornea 42680-01 **[168]**
Add - - liver 30419-00 **[956]**
Add - - oral mucosa
Add - - - malignant
Add - - - - multiple lesions 30203-00 **[1614]**
Add - - - - single lesion 30202-00 **[1614]**
Add - - - premalignant 52034-00 **[1613]**

Cryotherapy — *continued*
- lesion — *continued*
- - skin (subcutaneous tissue)
- - - benign
- - - - with
Add - - - - - curettage
Add - - - - - - multiple lesions 30195-01 **[1612]**
Add - - - - - - single lesions 30195-00 **[1612]**
Delete - - - - - ~~serial curettage~~
Delete - - - - - - ~~multiple lesions 30195-01~~ ~~**[1612]**~~
Delete - - - - - - ~~single lesion 30195-00~~ ~~**[1612]**~~
- - - malignant
- - - - with
- - - - - cartilage involvement
- - - - - - single lesion 30205-00 **[1614]**
Add - - - - - curettage
Add - - - - - - multiple lesions 30197-00 **[1614]**
Add - - - - - - single lesion 30196-00 **[1614]**
Delete - - - - - ~~serial curettage~~
Delete - - - - - - ~~multiple lesions 30197-00~~ ~~**[1614]**~~
Delete - - - - - - ~~single lesion 30196-00~~ ~~**[1614]**~~
- - - - single lesion 30202-00 **[1614]**
Add - - - premalignant 30192-00 **[1613]**
Add - - - - oral mucosa 52034-00 **[1613]**
Add - liver (tumour) 30419-00 **[956]**

p43 **Cystoscopy** (with urethral dilation) 36812-00 **[1088]**
- with
- - incision of
- - - external sphincter 36854-01 **[1094]**
Add - - - pelviureteric junction stricture (with removal or replacement of stent) 36825-00 **[1094]**
Add - - - ureteric stricture (with removal or replacement of stent) 36825-00 **[1094]**
p44 - - insertion of
- - - ureteric stent (JJ) 36821-00 **[1046]**
Add - - - - and incision of stricture (pelviureteric junction) (ureteric) 36825-00 **[1094]**
- - - urethral
- - - - prosthesis 36811-00 **[1113]**
Revise - - - - - stent 36811-01 **[1113]**
Revise - - - - stent 36811-01 **[1113]**

p46 **Debulking**
- tumour
Add - - intra-abdominal (radical) (with omentectomy) 30392-00 **[989]**
- - pelvic cavity, female 35720-00 **[1235]**

p48 **Defibrillation** (electric) 13400-00 **[1858]**
- incidental to cardiac surgery — *omit code*
Add **Deflation**
Add - gastric band (for morbid obesity) (saline) 90953-00 **[889]**

p49 **Destruction**
- blood vessels
- - by laser
Add - - - vascular lesions, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
p50 - lesion
- - larynx
- - - papillomata (juvenile)
- - - - with microlaryngoscopy 41858-00 **[523]**
- - - - - by laser 41861-00 **[523]**
Add - - liver
Add - - - by cryotherapy 30419-00 **[956]**
Add - - oral mucosa
Add - - - malignant
Add - - - - multiple lesions 30203-00 **[1614]**
Add - - - - single lesion 30202-00 **[1614]**
Add - - - premalignant 52034-00 **[1613]**
p51 - - skin (subcutaneous tissue)
- - - benign (by)
- - - - cryotherapy
- - - - - with
Add - - - - - - curettage — *see* Destruction, lesion, skin, benign, curettage
- - - - - - laser therapy — *see* Destruction, lesion, skin, benign, laser therapy
Delete - - - - - - ~~serial curettage — *see* Destruction, lesion, skin, benign, curettage~~
Delete - - - - curettage~~, serial~~ (with cryotherapy) (with diathermy)
- - - - laser therapy (photocoagulation) (with cryotherapy) (with diathermy)
- - - - - multiple lesions 30195-03 **[1612]**
Add - - - - - - vascular, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
- - - - - single lesion 30195-02 **[1612]**
Add - - - - - - vascular, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
Delete - - - - ~~serial curettage (with cryotherapy) (with diathermy)~~
Delete - - - - - ~~multiple lesions 30195-01 **[1612]**~~
Delete - - - - - ~~single lesion 30195-00 **[1612]**~~

Destruction — *continued*
- lesion — *continued*
- - skin (subcutaneous tissue)
- - - malignant (by)
- - - - cryotherapy
- - - - - with
- - - - - - cartilage involvement
- - - - - - - single lesion 30205-00 **[1614]**
Add - - - - - - curettage — *see* Destruction, lesion, skin, malignant, curettage
Delete - - - - - - ~~serial curettage — *see* Destruction, lesion, skin, malignant, serial curettage~~
Delete - - - - curettage~~, serial~~ (with cryotherapy) (with diathermy)
Delete - - - - ~~serial curettage (with cryotherapy) (with diathermy)~~
Delete - - - - - ~~multiple lesions 30197-00 **[1614]**~~
Delete - - - - - ~~single lesion 30196-00 **[1614]**~~
- - - premalignant 30192-00 **[1613]**
Add - - - - oral mucosa 52034-00 **[1613]**
- - vulva NEC 90439-00 **[1289]**
- - - by laser 35539-00 **[1289]**
- - - - wart 35507-01 **[1289]**
Add - liver (lesion) (tumour)
Add - - by cryotherapy 30419-00 **[956]**

p52 **Diathermy**
- lesion
- - skin (subcutaneous tissue)
- - - benign
- - - - with
Add - - - - - curettage
Add - - - - - - multiple lesions 30195-01 **[1612]**
Add - - - - - - single lesion 30195-00 **[1612]**
- - - - - laser therapy — *see* Laser therapy, lesion, skin, benign
Delete - - - - - ~~serial curettage~~
Delete - - - - - - ~~multiple lesions 30195-01 **[1612]**~~
Delete - - - - - - ~~single lesion 30195-00 **[1612]**~~
- - - malignant
- - - - with
Add - - - - - curettage
Add - - - - - - multiple lesions 30197-00 **[1614]**
Add - - - - - - single lesion 30196-00 **[1614]**
- - - - - laser therapy — *see* Laser therapy, lesion, skin, malignant
Delete - - - - - ~~serial curettage~~
Delete - - - - - - ~~multiple lesions 30197-00 **[1614]**~~
Delete - - - - - - ~~single lesion 30196-00 **[1614]**~~

p55 **Dissection**
Add - lymph node — *see also* Excision, lymph node, by site, radical
- - with radical gastrectomy 30524-00 **[879]**
- - - subtotal 30523-00 **[879]**
Delete - - ~~axilla (simple) (total) 30332-00~~ ~~**[808]**~~
Delete - - - ~~radical (complete) 30333-00~~ ~~**[808]**~~
Delete - - - ~~regional (limited) 30332-01~~ ~~**[808]**~~
Delete - - ~~cervical — *see* Dissection, lymph node, neck~~
Delete - - ~~groin (simple) (total) 30329-00~~ ~~**[809]**~~
Delete - - - ~~radical (complete) 30330-00~~ ~~**[809]**~~
Delete - - - ~~regional (limited) 30329-01~~ ~~**[809]**~~
Delete - - ~~iliac — *see* Dissection, lymph node, pelvic~~
Delete - - ~~inguinal — *see* Dissection, lymph node, groin~~
Delete - - ~~intra-abdominal NEC (simple) (total) 90282-00~~ ~~**[811]**~~
Delete - - - ~~for staging of gynaecological malignancy (laparoscopic) 35723-00~~ ~~**[1236]**~~
Delete - - - - ~~via laparotomy 35723-01~~ ~~**[1236]**~~
Delete - - - ~~radical (complete) 37607-00~~ ~~**[810]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~
Delete - - ~~mammary, internal 30075-11~~ ~~**[807]**~~
Delete - - ~~mediastinal (simple) (total) 90282-00~~ ~~**[811]**~~
Delete - - - ~~with radical~~
Delete - - - - ~~lobectomy, lung 38441-00~~ ~~**[552]**~~
Delete - - - - ~~pneumonectomy 38441-01~~ ~~**[553]**~~
Delete - - - ~~radical (complete) 90282-02~~ ~~**[811]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~
Delete - - ~~neck (cervical) (simple) (total) 30325-00~~ ~~**[806]**~~
Delete - - - ~~radical (complete) 30328-00~~ ~~**[806]**~~
Delete - - - ~~regional (limited) 30325-01~~ ~~**[806]**~~
Delete - - ~~para-aortic~~
Delete - - - ~~for staging of gynaecological malignancy (laparoscopic) 35723-02~~ ~~**[1237]**~~
Delete - - - - ~~via laparotomy 35723-03~~ ~~**[1237]**~~
Delete - - - ~~radical (complete) 37607-00~~ ~~**[810]**~~
Delete - - - - ~~following~~
Delete - - - - - ~~chemotherapy 37610-00~~ ~~**[810]**~~
Delete - - - - - ~~previous retroperitoneal lymph node dissection 37610-00~~ ~~**[810]**~~
Delete - - - - - ~~retroperitoneal irradiation 37610-00~~ ~~**[810]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~
Delete - - - ~~simple (total) 90282-00~~ ~~**[811]**~~
Delete - - ~~pelvic~~
Delete - - - ~~for staging of gynaecological malignancy (laparoscopic) 35723-00~~ ~~**[1236]**~~
Delete - - - - ~~via laparotomy 35723-01~~ ~~**[1236]**~~

Dissection — *continued*
- lymph node — *continued*
- pelvic — *continued*
Delete - - - ~~radical (complete) 90282-02~~ ~~**[811]**~~
Delete - - - - ~~for gynaecological malignancy (laparoscopic) 35551-00~~ ~~**[1236]**~~
Delete - - - - - ~~via laparotomy 35551-01~~ ~~**[1236]**~~
Delete - - - - ~~with hysterectomy~~
Delete - - - - - ~~abdominal (subtotal) (total) 35670-00~~ ~~**[1268]**~~
Delete - - - - - - ~~radical 35664-00~~ ~~**[1268]**~~
Delete - - - - - ~~vaginal, radical 35664-00~~ ~~**[1268]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~
Delete - - - ~~simple (total) 90282-00~~ ~~**[811]**~~
Delete - - ~~peri-aortic — *see* Dissection, lymph node, retroperitoneal~~
p56, Delete - - ~~retroperitoneal NEC (simple) (total) 90282-00~~ ~~**[811]**~~
Delete - - - ~~for staging of gynaecological malignancy (laparoscopic) 35723-00~~ ~~**[1236]**~~
Delete - - - - ~~via laparotomy 35723-01~~ ~~**[1236]**~~
Delete - - - ~~with~~
Delete - - - - ~~excision of retroperitoneal neuro-endocrine tumour 30323-00~~ ~~**[989]**~~
Delete - - - - ~~radical nephrectomy (en bloc) (open) 36528-01~~ ~~**[1052]**~~
Delete - - - - - ~~via laparoscopy 36528-00~~ ~~**[1052]**~~
Delete - - - ~~radical (complete) 37607-00~~ ~~**[810]**~~
Delete - - - - ~~with abdominal hysterectomy (subtotal) (total) 35661-00~~ ~~**[1268]**~~
Delete - - - - ~~following~~
Delete - - - - - ~~chemotherapy 37610-00~~ ~~**[810]**~~
Delete - - - - - ~~previous retroperitoneal lymph node dissection 37610-00~~ ~~**[810]**~~
Delete - - - - - ~~retroperitoneal irradiation 37610-00~~ ~~**[810]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~
Delete - - ~~specified site (simple) (total) NEC 90282-00~~ ~~**[811]**~~
Delete - - - ~~radical (complete) 90282-02~~ ~~**[811]**~~
Delete - - - ~~regional (limited) 90282-01~~ ~~**[811]**~~

p62 **Dressing** (to)
Add - ano-rectal region, of formalin 32212-00 **[928]**
- burn (< 10% body surface area) (under anaesthesia) 30010-00 **[1600]**
- - without anaesthesia 30003-00 **[1600]**
- - - ≥ 10% body surface area 30006-00 **[1600]**
Add - formalin, to ano-rectal region 32212-00 **[928]**

p63, Add **Duodenectomy** (with anastomosis) 30566-00 **[895]**
Add - for interposition 90336-00 **[896]**
Delete - with ~~excision of pancreas (with formation of stoma)~~ ~~30584-00~~ ~~**[978]**~~
Add - - excision of pancreas (with formation of stoma) 30584-00 **[978]**

Duodenectomy (with anastomosis) — *continued*
- with — *continued*
Add - - formation of
Add - - - reservoir
Add - - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - - urinary 36606-00 **[1085]**
Add - - - stoma 30565-00 **[895]**
Add - - - - and excision of pancreas 30584-00 **[978]**

LABEL

p65 **Electrodessication**
- lesion
- - skin (subcutaneous tissue)
- - - benign
Revise - - - - single lesion 30195-06 [1613]
Add - - - premalignant 30192-00 [1613]
Bold **Electrodestruction**

LABEL

Electrodiagnosis
Revise - neuromuscular — *see* Study, conduction, neuromuscular

LABEL

Electroencephalography (EEG) 11000-00 **[1829]**
Revise - ≥ 3 hours duration 11003-00 **[1829]**
- - cortex 11009-00 **[1829]**
Add - - - temporosphenoidal 11006-00 **[1829]**

LABEL

Electrohydraulic shock wave therapy
- for fragmentation of calculus (stone)
- - kidney
- - - via percutaneous nephroscopy (≤ 2 calculi) 36639-00 **[1045]**
Add - - - - 1 calculus > 3cm in diameter 36645-00 **[1045]**
Add - - - - ≥ 3 calculi 36645-00 **[1045]**

LABEL

Electromyography (EMG) 11012-00 **[1830]**
- with
Revise - - nerve conduction study — *see* Study, conduction, ~~return~~ neuromuscular
Revise - - quantitative computerised analysis 11021-00 **[1830]**
Revise - - - with repetitive neuromuscular conduction studies 11021-02 **[1830]**

LABEL

Revise **Electro-oculography** (EOG) (bilateral) (unilateral) 11206-01 **[1836]**

LABEL

Revise **Electroretinography** (ERG) (bilateral) (unilateral) 11206-01 **[1836]**

LABEL

Add **Electroshock therapy** (≤ 8 treatments) (ECT) 93340-00 **[1827]**

LABEL

p66 **Elevation**
- bone fragments (fractured)
- - skull
Revise - - - compound (open) 39609-01 **[25]**
- - spine
- - - with
Revise - - - - decompressive laminectomy for spinal canal stenosis (anterior) (posterior)
Add - - - - - ≥ 2 levels 40306-00 **[48]**
Revise - - zygoma (open) 47762-00 **[1368]**
- fracture
- - zygoma (open) 47762-00 **[1368]**
- - - with
- - - - internal fixation
Revise - - - - one site 47765-01 **[1368]**
Revise - mucosal lining

LABEL

Embolectomy
- artery
- - carotid
Delete - - ~~coeliac 33806-04 **[702]**~~
Delete - - - ~~bypass 33803-02 **[703]**~~
Delete - - ~~femoral 33806-09 **[702]**~~
Delete - - - ~~bypass 33806-12 **[703]**~~
Delete - - ~~iliac 33806-08 **[702]**~~
Delete - - - ~~bypass 33803-02 **[703]**~~
Delete - - ~~innominate 33803-01 **[702]**~~

p67 **Embolisation**
- artery
Revise - - intracoronary (via infusion) (with catheterisation) 90221-00 **[657]**

Endoscopy, endoscopic — *see also* Panendoscopy
- larynx (direct) (under general anaesthesia) (with biopsy) 41849-00 **[520]**
- - with removal of tumour 41852-00 **[523]**
Add - - without general anaesthesia 41846-00 **[520]**
- - fibreoptic 41764-03 **[520]**
Delete - - ~~without general anaesthesia 41846-00 **[520]**~~

Enema

Delete - ~~barium (lower gastrointestinal) 58918-00~~ **~~[1975]~~**
Add - for rectal irrigation 92077-00 **[1863]**
Add - - with removal of impacted faeces 92076-00 **[1863]**
Add - opaque (barium) (with preliminary plain film) 58921-00 **[1975]**
- - for reduction of intussusception 14212-00 **[1891]**
- - with air contrast study 58921-00 **[1975]**
Add - - small intestine (with duodenal intubation) 58916-00 **[1975]**
Delete - ~~transanal 92077-00~~ **~~[1863]~~**

p73 **Excision** — *see also* Removal
- eyelid
- - full thickness (wedge) 45665-01 **[1662]**
Add - - - for repair of ectropion or entropion 45626-01 **[239]**
p74 - intestine
- - for
Revise - - - Hirschsprung's disease
- - - - total (with anastomosis) 43996-00 **[1010]**
Add - - - interposition
Add - - - - large intestine 90336-01 **[914]**
Add - - - - - with formation of urinary reservoir 36606-00 **[1085]**
Add - - - - small intestine 90336-00 **[896]**
Add - - - - - with formation of reservoir
Add - - - - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - - - - urinary 36606-00 **[1085]**
- - small (with anastomosis) 30566-00 **[895]**
Revise - - - for interposition 90336-00 **[896]**
Delete - - - with ~~stoma formation 30565-00~~ **~~[895]~~**
Add - - - - formation of
Add - - - - - reservoir
Add - - - - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - - - - urinary 36606-00 **[1085]**
Add - - - - - stoma 30565-00 **[895]**
p76 - lesion — *see also* Excision, tumour *and* Excision, cyst *and* Excision, polyp *and* Excision, by histology
- - intra-abdominal NEC
- - - male (open) 90328-00 **[989]**
- - - - retroperitoneal — *see* Excision, lesion, retroperitoneal
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
- - mesentery
- - - male (open) 90328-00 **[989]**
- - - - congenital 90327-00 **[989]**
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**

Excision — *continued*
- lesion — *continued*
p77 - - omentum
- - - male (open) 90328-00 **[989]**
- - - - congenital 90327-00 **[989]**
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
- - peritoneal tissue
- - - male (open) 90328-00 **[989]**
- - - - neuroblastoma 43987-01 **[989]**
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
- - rectum NEC 90341-00 **[935]**
Add - - - via
Add - - - - colonoscopy — *see* Colonoscopy
Add - - - - sigmoidoscopy — *see* Sigmoidoscopy
- - retroperitoneal
- - - male (open) 90328-00 **[989]**
- - - - neuro-endocrine 30321-00 **[989]**
- - - - - with retroperitoneal dissection 30323-00 **[989]**
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
- - skin (subcutaneous tissue)
- - - benign
- - - - specified benign morphology NEC 31205-00 **[1620]**
Delete - - - - - leg~~, lower~~ 31235-03 **[1620]**
p78 - - - malignant
- - - - specified malignant morphology NEC 31325-01 **[1624]**
Revise - - - - - leg 31310-08 **[1624]**
- - - specified morphology NEC 90664-11 **[1625]**
Delete - - - - leg~~, lower~~ 90664-09 **[1625]**
p81, Revise - plica (arthroscopic) 49557-02 **[1503]**
p84 - tumour
- - hygroma, cystic — *see* Excision, vascular, anomaly
Add - - intra-abdominal
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
p86 - - retroperitoneal
- - - male (open) 90328-00 **[989]**
- - - - neuro-endocrine 30321-00 **[989]**
- - - - - with retroperitoneal dissection 30323-00 **[989]**
Add - - - radical (debulking) (with omentectomy) 30392-00 **[989]**
- - soft tissue NEC 90575-00 **[1566]**
- - - malignant, by
Add - - - - marginal excision (lesional) (simple) 50203-01 **[1566]**
Add - - - - wide excision 31355-00 **[1566]**

p93, Revise **Face lift** (bilateral) 45588-00 **[1675]**
Add - - - unilateral 45587-00 **[1675]**

p94	**Fistulectomy**
	- oronasal 45714-00 **[1680]**
	- - for secondary repair of cleft palate 45710-00 **[1690]**
Add	- - with repair of alveolar cleft 52337-00 **[1690]**
p95	**Fitting**
	- contact lenses 10801-00 **[1837]**
Revise	- - refitting 10816-00 **[1837]**
	- prosthesis
	- - ocular 92023-00 **[1837]**
	- - - contact lenses 10801-00 **[1837]**
Revise	- - - - refitting 10816-00 **[1837]**
	Fixation
	- bone — *see also* Fixation, bone, external *and* Fixation, bone, internal
	- - internal
	- - - finger, mallet (closed) 46438-00 **[1473]**
	- - - - open (with pin fixation) 46441-00 **[1473]**
Add	- - - mandible 52096-00 **[1360]**
Add	- - - maxilla 52096-00 **[1360]**
	- - - vertebra — *see* Fixation, bone, internal, spine
Add	- - - zygoma 52096-00 **[1360]**
p101	**Formation** (of)
	- pouch
	- - for
	- - - gastroschisis (prosthetic) (silastic) (silo) 43867-00 **[1003]**
Add	- - J-pouch (colonic) 32029-00 **[933]**
	- reservoir
Revise	- - colon 32029-00 **[933]**
p102	**Fusion**
	- joint (with bone graft) (with fixation device) 50109-00 **[1571]**
	- - knee 49509-01 **[1512]**
	- - - with
Revise	- - - - resection of distal femur and proximal tibia 50411-00 **[1515]**
Revise	- - - - - with rotationplasty 50414-00 **[1515]**
p106	**Graciloplasty**
	- for incontinence
	- - anal (perineal) 32203-00 **[946]**
Add	- - - with insertion of electrodes and stimulator (gracilis neosphincter pacemaker) 32209-00 **[946]**

	Graft (repair)
	- alveolar osseous 97234-00 **[456]**
Add	- - for repair of cleft 52337-00 **[1690]**
p107	- artery, arterial
Add	- - patch (of bypass graft) (using vein graft) 33548-00 **[707]**
Add	- - - with coronary endarterectomy 38505-00 **[669]**
	- bone 48239-00 **[1569]**
	- - alveolar, dental procedure 97234-00 **[456]**
Add	- - - for repair of cleft 52337-00 **[1690]**
p109	- patch — *see also* Graft, by site, patch
	- - aneurysm, left ventricle 38508-00 **[611]**
Add	- - bypass graft
Add	- - - arterial (using vein graft) 33548-00 **[707]**
Add	- - - - using synthetic material 33548-01 **[707]**
Add	- - - venous (using vein graft) 33548-03 **[731]**
Add	- - - - using synthetic material 33548-02 **[731]**
p111	- vein, venous
Add	- - patch (of bypass graft) (using vein graft) 33548-02 **[731]**
p113, Revise	**Hemithyroidectomy** 30306-00 **[115]**
p115	**Identification**
	- denture 97777-00 **[477]**
Add	**Ileectomy** (with anastomosis) 30566-00 **[895]**
Add	- for interposition 90336-00 **[896]**
Add	- with formation of
Add	- - reservoir
Add	- - - intestinal (continent ileostomy) 32069-00 **[897]**
Add	- - - urinary 36606-00 **[1085]**
Add	- - stoma 30565-00 **[895]**
p118	**Incision**
Delete	- bone ~~— *see also* Osteotomy~~
p120	- pancreas, pancreatic 30375-14 **[976]**
	- - duct 30458-01 **[963]**
Add	- pelviureteric junction stricture, endoscopic (with removal or replacement of stent) 36825-00 **[1094]**
Revise	- sclera 42644-05 **[178]**
p121	- stricture
Add	- - pelviureteric junction, endoscopic (with removal or replacement of stent) 36825-00 **[1094]**
	- - rectal 32114-00 **[929]**
Add	- - ureter, endoscopic (with removal or replacement of stent) 36825-00 **[1094]**

Incision — *continued*
- ureter
- - closed, via
Add - - - cystourethroscopy, for stricture (pelviureteric junction) (ureteric) 36825-00 **[1094]**
- - - laparoscopy 36612-00 **[1069]**
Revise - - - - for removal of calculus 36549-01 **[1071]**

Inflation
Add - gastric band (for morbid obesity) (saline) 90953-00 **[889]**

p123 **Injection** (around) (into) (of)
Revise - Botulinus toxin
- - for
- - - strabismus 42830-00 **[216]**
Add - - larynx 41869-00 **[521]**
Add - - vocal cord 41869-00 **[521]**
- ear
Revise - - inner 90118-00 **[333]**
- epidural (space) (with catheterisation)
Delete - - for ~~operative anaesthesia — *omit code*~~
Add - - - lysis of adhesions (hyaluronic acid) (hypertonic saline) 39140-00 **[32]**
Add - - - operative anaesthesia — *omit code*
p124, Add - larynx (collagen) (fat) (gelfoam) (Teflon) 41870-00 **[521]**
Add - - Botulinum toxin 41869-00 **[521]**
p125 - radioisotope 16000-00 **[1795]**
- - specified NEC 16000-00 **[1795]**
Add - - Strontium 89 16015-00 **[1795]**
p126 - spinal (canal)
Revise - - neurolytic agent 18230-01 **[36]**
p127, Revise - toxin Botulinus
- - for
- - - strabismus 42830-00 **[216]**
Add - - larynx 41869-00 **[521]**
Add - - vocal cord 41869-00 **[521]**
Add - vocal cord (collagen) (fat) (gelfoam) (Teflon) 41870-00 **[521]**
Add - - Botulinum toxin 41869-00 **[521]**

Continued note, column 1,
p127 **Injection** (around) (into) (of) — *continued*
Revise - steroid — *continued*

p128 **Insertion**
- catheter
- - central vein (Broviac) (Cook) (Groshong) (Hickman) (open) 13815-00 **[738]**
- - - with insertion of implantable
- - - - vascular access port (with attachment of external infusion pump) 34527-00 **[738]**
Add - - - in neonate, via peripheral vein 13319-00 **[738]**
- - - percutaneous (closed) 13815-01 **[738]**
- - - - with insertion of implantable
- - - - - vascular access port (with attachment of external infusion pump) 34528-00 **[738]**
Add - - - via peripheral vein, in neonate 13319-00 **[738]**
p129 - - vein NEC 90220-00 **[738]**
- - - central (CVC) (femoral) (jugular) (subclavian) 13815-00 **[738]**
- - - - with insertion of implantable
- - - - - vascular access port (with attachment of external infusion pump) 34527-00 **[738]**
Add - - - - in neonate, via peripheral vein 13319-00 **[738]**
- - - - percutaneous (closed) 13815-01 **[738]**
- - - - - with insertion of implantable
- - - - - - vascular access port (with attachment of external infusion pump) 34528-00 **[738]**
Add - - - - via peripheral vein, in neonate 13319-00 **[738]**
- - - in neonate 13300-00 **[738]**
Add - - - - central, via peripheral vein 13319-00 **[738]**
- device
- - fixation, internal
- - - bone — *see also* Fixation, bone
- - - - orthopaedic (pin) (plate) (wire) 47921-00 **[1554]**
- - - - - with
- - - - - - reduction of
- - - - - - - fracture — *see* Reduction, fracture, by site, with internal fixation
Add - - - - - mandible 52096-00 **[1360]**
Add - - - - - maxilla 52096-00 **[1360]**
Add - - - - - zygoma 52096-00 **[1360]**
Add - - - tooth (dental pin) 97575-00 **[469]**
p130 - electrode(s)
- - anal 32206-00 **[939]**
Add - - - with anal or perineal graciloplasty 32209-00 **[946]**
- - heart (cardiac)
- - - permanent
- - - - epicardial, by
Add - - - - sternotomy 38470-00 **[649]**
- - - - myocardial, by
Add - - - - sternotomy 38470-00 **[649]**

Insertion — *continued*
- expander, tissue (skin) (soft tissue) (subcutaneous tissue) 45566-00 **[1661]**
Add - - for augmentation of alveolar ridge 52626-00 **[1371]**
- fixation device
- - bone — *see also* Fixation, bone
- - - orthopaedic (pin) (plate) (wire) 47921-00 **[1554]**
- - - - with
- - - - - reduction of
- - - - - - fracture — *see* Reduction, fracture, with internal fixation
Add - - - - mandible 52096-00 **[1360]**
Add - - - - maxilla 52096-00 **[1360]**
Add - - - - zygoma 52096-00 **[1360]**
Add - - - tooth (dental pin) 97575-00 **[469]**
p131 - pacemaker
- - cardiac
- - - temporary — *see* Insertion, electrode, heart, temporary
- - diaphragmatic 38456-03 **[567]**
Add - - gracilis neosphincter (electrical anal stimulator) 32209-00 **[946]**
- pin or wire
- - orthopaedic 47921-00 **[1554]**
- - - with
- - - - fracture — *see* Reduction, fracture, with internal fixation
Add - - - mandible 52096-00 **[1360]**
Add - - - maxilla 52096-00 **[1360]**
Add - - - zygoma 52096-00 **[1360]**
- prosthesis, prosthetic device
- - breast (permanent)
Revise - - - bilateral 45528-00 **[1753]**
p132 - - urethral, endoscopic 36811-00 **[1113]**
Revise - - - stent 36811-01 **[1113]**
p133 - tissue expander (skin) (soft tissue) (subcutaneous tissue) 45566-00 **[1661]**
Add - - for augmentation of alveolar ridge 52626-00 **[1371]**
p134 - wire or pin (orthopaedic) 47921-00 **[1554]**
- - with
- - - reduction of
- - - - fracture — *see* Reduction, fracture, with internal fixation
Add - - mandible 52096-00 **[1360]**
Add - - maxilla 52096-00 **[1360]**
Add - - zygoma 52096-00 **[1360]**

p135 **Instillation**
- radioisotope 16000-00 **[1795]**
- - specified NEC 16000-00 **[1795]**
Add - - Strontium 89 16015-00 **[1795]**

p136 **Interruption**
- vein 34106-19 **[726]**
Revise - - vena cava 34800-00 **[726]**

Intubation — *see also* Catheterisation *and* Insertion, tube
- Crawford (insertion silicone tube) 42608-00 **[242]**
Add - duodenal
Add - - with opaque enema of small intestine 58916-00 **[1975]**
Add - endotracheal 90179-00 **[568]**

p137 **Irradiation** — *see also* Radiotherapy
- body
Revise - - hemi 15600-02 **[1789]**
Revise - - total 15600-03 **[1789]**
Revise - skin 15600-04 **[1789]**

p138 **Isolation**
- intestine
- - small 90336-00 **[896]**
Delete - - - with formation of ~~intestinal urinary~~ reservoir ~~36606-00 **[1085]**~~
Add - - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - - urinary 36606-00 **[1085]**

p139 **Jaboulay procedure**
Revise - gastroduodenostomy 30515-00 **[881]**
- - with vagotomy (selective) (truncal) 30496-02 **[884]**
Add **Jejunectomy** (with anastomosis) 30566-00 **[895]**
Add - for interposition 90336-00 **[896]**
Add - with formation of
Add - - reservoir
Add - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - urinary 36606-00 **[1085]**
Add - - stoma 30565-00 **[895]**

p143 **Laparoscopy** (diagnostic) 30390-00 **[984]**
- with biopsy 30391-00 **[988]**
Revise - - gynaecological 35637-05 **[1234]**
Delete - gynaecological ~~(with biopsy)~~ 35637-00 **[1232]**
Add - - with biopsy 35637-05 **[1234]**

p144 **Laser therapy**
- birthmark
- - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
- - - without general anaesthesia 14106-00 **[744]**

Laser therapy — *continued*
Add - cafe-au-lait macules
Add - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - without general anaesthesia 14106-00 **[744]**
- lesion
- - skin (subcutaneous tissue)
- - - benign
- - - - multiple lesions 30195-03 **[1612]**
Add - - - - - vascular, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
p145 - - - - single lesion 30195-02 **[1612]**
Add - - - - - vascular, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
- - - premalignant 30192-00 **[1613]**
Add - macules, cafe-au-lait
Add - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - without general anaesthesia 14106-00 **[744]**
Delete - naevus ~~flammeus~~
Add - - flammeus
Add - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - without general anaesthesia 14106-00 **[744]**
Add - - of Ota
Add - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - - without general anaesthesia 14106-00 **[744]**

p146 **Le Fort procedure**
Add - for pelvic floor prolapse 35584-00 **[1283]**

Lengthen, lengthening
Add - limb (< 6 cm in length) (with application of ring fixator) 50303-00 **[1578]**
Delete - - ~~with application of device (ring fixator) 50303-00 **[1578]**~~
Add - - ≥ 6 cm in length (with application of ring fixator) 50306-00 **[1578]**

p148 **Localisation**
- foreign body
- - by radiography 59103-00 **[1987]**
Delete - - - ~~oesophagus 58906-01 **[1975]**~~

p149 **Mammography**
- bilateral 59300-00 **[1973]**
- - ductal, with contrast 59309-00 **[1973]**
Add - - intra-operative 59312-00 **[1973]**
Add - - - of excised tissue 59318-00 **[1973]**
- unilateral 59303-00 **[1973]**
- - ductal, with contrast 59306-00 **[1973]**
Add - - intra-operative 59314-00 **[1973]**
Add - - - of excised tissue 59318-00 **[1973]**

Mammoplasty
Revise - augmentation (bilateral) 45528-00 **[1753]**

LABEL

p151 **Mastoidectomy** (cortical) (simple) 41545-00 **[323]**
- modified radical 41557-00 **[323]**
Delete - - with ~~myringoplasty 41560-00 **[325]**~~
Delete - - - ~~and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**~~
Add - - - closure of external auditory canal
Add - - - - and obliteration of mastoid cavity and eustachian tube 41564-00 **[323]**
Add - - - myringoplasty 41560-00 **[325]**
Add - - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**
Add - - - obliteration of mastoid cavity and eustachian tube
Add - - - - and closure of external auditory canal 41564-00 **[323]**
- radical 41557-01 **[323]**
Delete - - with ~~myringoplasty 41560-01 **[325]**~~
Delete - - - ~~and ossicular chain reconstruction (graft) (prosthesis) 41563-01 **[326]**~~
Add - - - closure of external auditory canal
Add - - - - and obliteration of mastoid cavity and eustachian tube 41564-01 **[323]**
Add - - - myringoplasty 41560-01 **[325]**
Add - - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-01 **[326]**
Add - - - obliteration of mastoid cavity and eustachian tube
Add - - - - and closure of external auditory canal 41564-01 **[323]**
- - modified 41557-00 **[323]**
Delete - - - with ~~myringoplasty 41560-00 **[325]**~~
Delete - - - - ~~and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**~~
Add - - - - closure of external auditory canal
Add - - - - - and obliteration of mastoid cavity and eustachian tube 41564-00 **[323]**
Add - - - - myringoplasty 41560-00 **[325]**
Add - - - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**
Add - - - - obliteration of mastoid cavity and eustachian tube
Add - - - - - and closure of external auditory canal 41564-00 **[323]**

LABEL	
	Meal
Add	- opaque (barium) (with preliminary plain film)
Revise	- - duodenum 58909-00 **[1975]**
Delete	- - - with ~~oesophagus and stomach — *see* Meal, opaque, oesophagus, with stomach and duodenum~~
Add	- - - - oesophagus and stomach
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**
Add	- - - - screening radiography of chest 58909-01 **[1975]**
Add	- - oesophagus 58909-00 **[1975]**
Delete	- - - ~~with stomach and duodenum 58909-00 **[1975]**~~
Delete	- - - - ~~with screening radiography of chest 58909-01 **[1975]**~~
Delete	- - - - ~~and follow through to colon 58912-00 **[1975]**~~
Delete	- - - - - ~~with screening radiography of chest 58912-01 **[1975]**~~
Add	- - - with
Add	- - - - screening radiography of chest 58912-01 **[1975]**
Add	- - - - stomach and duodenum
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**
Add	- - pharynx 58909-00 **[1975]**
Add	- - - with screening radiography of chest 58909-01 **[1975]**
Add	- - small intestine NEC 58915-00 **[1975]**
Add	- - stomach 58909-00 **[1975]**
Add	- - - with
Add	- - - - oesophagus and duodenum
Add	- - - - - and follow through to colon 58912-00 **[1975]**
Add	- - - - - - with screening radiography of chest 58912-01 **[1975]**
Add	- - - - screening radiography of chest 58909-01 **[1975]**
p152, Add	**Meloplasty** (unilateral) 45587-00 **[1675]**
Add	- bilateral 45588-00 **[1675]**
p153, Delete	**Myelography** ~~(1 region)~~ 59724-00 **[1968]**
Delete	- ~~2 regions 59727-00 **[1969]**~~
Delete	- ~~3 regions 59730-00 **[1969]**~~
p156	**Nuclear medicine**
Revise	- imaging (study) 90910-00 **[2014]**
p157	- - myocardial
Delete	- - - perfusion ~~(using thallium) (using sestamibi)~~ (planar imaging)
Revise	- - specified site NEC 90910-00 **[2014]**

	Nuclear medicine — *continued*
	- imaging (study) — *continued*
p158	- - whole body
	- - - using
	- - - - gallium 61429-00 **[2012]**
Revise	- - - - - with photon emission tomography (PET) (single region) 61430-00 **[2012]**
Add	- - - - - - ≥ 2 regions 61442-00 **[2012]**
p159	**Obliteration**
	- carotid cavernous fistula 39815-00 **[11]**
Add	- eustachian tube
Add	- - with obliteration of mastoid cavity and closure of external auditory canal
Add	- - - with mastoidectomy
Add	- - - - modified radical 41564-00 **[323]**
Add	- - - - radical 41564-01 **[323]**
	- mastoid cavity 41548-00 **[323]**
Add	- - with obliteration of eustachian tube and closure of external auditory canal
Add	- - - with mastoidectomy
Add	- - - - modified radical 41564-00 **[323]**
Add	- - - - radical 41564-01 **[323]**
p160	**Omentectomy**
Delete	- with debulking of ~~pelvic~~ tumour ~~35720-00 **[1235]**~~
Add	- - intra-abdominal 30392-00 **[989]**
Add	- - pelvic cavity, female 35720-00 **[1235]**
Add	**Opaque meal** — *see* Meal, opaque
Delete	- ~~duodenum 58915-00 **[1975]**~~
Delete	- - ~~with oesophagus and stomach — *see* Meal, opaque, oesophagus, with stomach and duodenum~~
Delete	- ~~oesophagus~~
Delete	- - ~~with stomach and duodenum 58909-00 **[1975]**~~
Delete	- - - ~~with screening radiography of chest 58909-01 **[1975]**~~
Delete	- - - ~~and follow through to colon 58912-00 **[1975]**~~
Delete	- - - - ~~with screening radiography of chest 58912-01 **[1975]**~~
p165, Delete	~~**Papillectomy**~~
Delete	- ~~interdental 97246-00 **[456]**~~
p166	**Papanicolaou smear** (pap smear) 92130-00 **[1875]**
Add	**Papillectomy**
Add	- interdental 97246-00 **[456]**

Paracentesis
- thoracic
- - diagnostic 38400-00 **[560]**
Add - - - and therapeutic 38403-00 **[560]**
- - therapeutic 38403-00 [560
Add - - - and diagnostic 38403-00 **[560]**

Peel
Revise - chemical, of face 45019-00 **[1604]**

p167 **Photocoagulation** — *see also* Laser therapy
- birthmark
- - by laser
- - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
- - - - without general anaesthesia 14106-00 **[744]**
Add - cafe-au-lait macules
Add - - by laser
Add - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - - without general anaesthesia 14106-00 **[744]**
- lesion
Add - - vascular, cutaneous (birthmark) (cafe-au-lait macules) (haemangioma) (naevus flammeus) (naevus of Ota) (port wine stain)
- - - by laser
- - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
- - - - - without general anaesthesia 14106-00 **[744]**
Add - macules, cafe-au-lait
Add - - by laser
Add - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - - without general anaesthesia 14106-00 **[744]**
Delete - naevus ~~flammeus~~
Add - - flammeus
Add - - - - by laser
Add - - - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - - - pulsed (extensive area) (under general anaesthesia)14106-01 **[744]**
Add - - - - - without general anaesthesia 14106-00 **[744]**
Add - - of Ota
Add - - - by laser
Add - - - - continuous (individual blood vessels) 14100-00 **[744]**
Add - - - - pulsed (extensive area) (under general anaesthesia) 14106-01 **[744]**
Add - - - - - without general anaesthesia 14106-00 **[744]**

p169, Delete **Pneumoarthrography** ~~59745-00 **[1985]**~~

p171 **Procedure**
- for
- - cleft
Add - - - alveolar — *see* Repair, cleft, alveolar
- - ectropion ~~45626-02 **[239]**~~
- - - repair, by
Revise - - - - tarsoconjunctival diamond repair 45626-01 **[239]**
Delete - - entropion ~~45626-02 **[239]**~~
p173 - - prolapse
- - - anorectal
- - - - insertion of anal suture (Thiersch wire) 32120-00 **[928]**
Add - - - pelvic floor 35584-00 **[1283]**
- - - rectal (mucosa)
Revise - - - - manual reduction 90313-01 **[937]**
- - - - reduction of rectal mucosa (by excision) 32111-00 **[935]**
Revise - - - - - manual 90313-01 **[937]**
p175 - dental
- - alveolar osseous 97233-00 **[456]**
- - - graft 97234-00 **[456]**
Add - - - - for alveolar cleft 52337-00 **[1690]**
- ear
Revise - - inner NEC 90118-00 **[333]**
p177, Revise - pharynx NEC 90147-00 **[422]**
Add - rectum NEC 90314-00 **[937]**

p178 **Proctectomy**
- anterior (restorative)
Add - - high, with intraperitoneal anastomosis (with covering stoma) 32024-00 **[933]**
- - low
- - - with anastomosis
Revise - - - - coloanal (colorectal) (with covering stoma) 32026-00 **[933]**
- - ultralow
Revise - - - with sutured coloanal anastomosis (colorectal) (with covering stoma) 32028-00 **[933]**
Revise - ultra low (restorative) (with covering stoma) 32028-00 **[933]**

p180 **Pyelography**
Add - intravenous (with preliminary plain film) (with tomography) 58706-00 **[1978]**
Delete - - ~~with limited tomography 58709-00 **[1978]**~~

p185 **Radiography** (diagnostic) 60700-00 **[1988]**
- for localisation of foreign body 59103-00 **[1987]**
Delete - - ~~oesophagus 58906-01 **[1975]**~~

Radiography (diagnostic) — *continued*
- breast
- - bilateral 59300-00 **[1973]**
- - - ductal, with contrast 59309-00 **[1973]**
Add - - - intra-operative 59312-00 **[1973]**
Add - - - - of excised tissue 59318-00 **[1973]**
- - unilateral 59303-00 **[1973]**
- - - ductal, with contrast 59306-00 **[1973]**
Add - - - intra-operative 59314-00 **[1973]**
Add - - - - of excised tissue 59318-00 **[1973]**
- chest 58500-00 **[1974]**
- - with
Revise - - - opaque (barium) meal — *see* Meal, opaque
Delete - - - - ~~with follow through to colon 58912-01~~ ~~**[1975]**~~
p186, Delete - oesophagus ~~58906-00~~ ~~**[1975]**~~
- - by
Delete - - - ~~swallow, barium — *see* Barium, swallow~~
Delete - - ~~for localisation of foreign body 58906-01~~ ~~**[1975]**~~

p187 **Radiosurgery**
- stereotactic
Revise - - fractionated 15600-01 **[1789]**
Revise - - single dose 15600-00 **[1789]**

Radiotherapy
- deep (orthovoltage)
Revise - - 2 or more fields 15103-00 **[1787]**
- orthovoltage (deep)
Revise - - 2 or more fields 15103-00 **[1787]**
- stereotactic
Delete ~~- - single dose 90763-00~~ ~~**[1789]**~~
Revise - - fractionated 15600-01 **[1789]**
Add - - single dose 15600-00 **[1789]**

Reattachment
- clasp
- - to denture 97761-00 **[476]**
Add - ear — *see* specific procedure(s)

p188 **Reconstruction**
- bone
Delete - - cranial vault, total ~~(for craniostenosis)~~ 45785-03 **[1717]**
p189, Delete - cranial vault ~~(for craniostenosis)~~
p190 - nail bed 46486-00 **[1636]**
Add - nasal septum 41672-00 **[381]**

p191 **Reduction**
- dislocation (bone) (with cast) (with splint)
Add - - hip (closed) (prosthesis) 47048-00 **[1487]**
- - - congenital 49348-00 **[1487]**
Add - - - open (prosthesis) 47051-00 **[1487]**
p196 - mucosa
- - rectal, for rectal prolapse (Delorme procedure) 32111-00 **[935]**
Revise - - - manual 90313-01 **[937]**
- prolapse
- - rectum (by excision) (Delorme procedure) 32111-00 **[935]**
Revise - - - manual 90313-01 **[937]**
- rectum
- - mucosa, for rectal prolapse (Delorme procedure) 32111-00 **[935]**
Revise - - - manual 90313-01 **[937]**

Refitting
Revise - contact lenses 10816-00 **[1837]**

p197 **Reinsertion** — *see* Replacement *and* Insertion
Delete - ~~fixation device (internal) (*see also* Fixation, bone, internal) 47921-00~~ ~~**[1554]**~~

p198 **Removal** — *see also* Excision
- angioma, face or neck (capillary) (cherry)
- - by laser 30190-00 **[1612]**
Add - arch bars (mandible) (maxilla) 52106-00 **[1360]**
p199 - dental
Add - - arch bars (mandible) (maxilla) 52106-00 **[1360]**
p200 - electrode
- - heart
Revise - - - permanent (epicardial) (open) (transvenous) 38259-02 **[654]**
Revise - - - - percutaneous (closed) 38259-01 **[654]**
- fixation device
- - external 47948-00 **[1554]**
Add - - - arch bars (mandible) (maxilla) 52106-00 **[1360]**
- - internal
- - - pin (under general anaesthesia) 47927-00 **[1554]**
- - - - without general anaesthesia 47924-00 **[1554]**
Add - - - - mandible 52102-00 **[1360]**
Add - - - - maxilla 52102-00 **[1360]**
Add - - - - zygoma 52102-00 **[1360]**
- - - screw (under general anaesthesia) 47927-00 **[1554]**
- - - - without general anaesthesia 47924-00 **[1554]**
Add - - - - mandible 52102-00 **[1360]**
Add - - - - maxilla 52102-00 **[1360]**
Add - - - - zygoma 52102-00 **[1360]**

Removal — *continued*
- fixation device — *continued*
- - internal — *continued*
- - - wire (under general anaesthesia) 47927-00 **[1554]**
- - - - without general anaesthesia 47924-00 **[1554]**
Add - - - - mandible 52102-00 **[1360]**
Add - - - - maxilla 52102-00 **[1360]**
Add - - - - zygoma 52102-00 **[1360]**
p203 - pin
Add - - orthopaedic — *see* Removal, fixation device, internal, pin
p204 - stent
- - ureter (closed) (endoscopic) (JJ) 36833-01 **[1066]**
Add - - - with endoscopic incision of stricture (pelviureteric junction) (ureteric) 36825-00 **[1094]**

p207 **Repair**
- abdomen (wall) NEC 90329-00 **[1000]**
Delete - - ~~burst 30403-02 **[1000]**~~
Delete - - - ~~postoperative disruption 30403-03 **[1000]**~~
- - following procurement of myocutaneous flap for breast reconstruction (TRAM) 30403-05 **[1000]**
Add - - postoperative disruption 30403-03 **[1000]**
- alimentary obstruction, neonatal, NEC 43825-01 **[922]**
- - with stoma formation 43825-02 **[922]**
Add - alveolar cleft (with augmentation) (with closure of oronasal fistula) 52337-00 **[1690]**
- aneurysm
- - visceral (with graft) (with prosthesis) 33130-01 **[715]**
- - - ruptured 33166-01 **[715]**
Add - ankle NEC 90599-00 **[1544]**
p210 - cleft
Add - - alveolar (with augmentation) (with closure of oronasal fistula) 52337-00 **[1690]**
p211, Delete - ectropion ~~45626-02 **[239]**~~
- - by
Revise - - - tarsoconjunctival diamond repair 45626-01 **[239]**
Delete - entropion ~~45626-02 **[239]**~~
p212 - eyebrow
Revise - - ptosis (bilateral) 45588-00 **[1675]**
Add - - - unilateral 45587-00 **[1675]**

Repair — *continued*
p213 - hernia
- - abdominal wall NEC 30403-01 **[996]**
- - - with
- - - - muscle transposition NEC 30405-03 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**
- - - - prosthesis (mesh) NEC 30405-04 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**
- - - - resection of strangulated intestine NEC 30405-05 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**
Add - - epigastric (with graft) (with prosthesis) 30617-01 **[992]**
Add - - - incarcerated (obstructed) (strangulated) 30615-00 **[997]**
Add - - incarcerated (diaphragmatic) (epigastric) (femoral) (inguinal) (linea alba) (obturator) (umbilical) 30615-00 **[997]**
Revise - - - incisional — *see block* **[993]**
Revise - - - ventral (adult) — *see block* **[996]**
- - incisional 30403-00 **[993]**
- - - with
- - - - muscle transposition 30405-00 **[993]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[993]**
- - - - prosthesis (mesh) 30405-01 **[993]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[993]**
- - - - resection of strangulated intestine 30405-02 **[993]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[993]**
Add - - linea alba (with graft) (with prosthesis) 30617-02 **[992]**
Add - - - incarcerated (obstructed) (strangulated) 30615-00 **[997]**
Add - - obstructed (diaphragmatic) (epigastric) (femoral) (inguinal) (linea alba) (obturator) (umbilical) 30615-00 **[997]**
Revise - - - incisional — *see block* **[993]**
Revise - - - ventral (adult) — *see block* **[996]**
Add - - strangulated (diaphragmatic) (epigastric) (femoral) (inguinal) (linea alba) (obturator) (umbilical) 30615-00 **[997]**
Revise - - - incisional — *see block* **[993]**
Revise - - - ventral (adult) — *see block* **[996]**
Add - - umbilical (with graft) (with prosthesis) 30617-00 **[992]**
p214 - - ventral (adult) 30403-01 **[996]**
- - - with
- - - - muscle transposition 30405-03 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**
- - - - prosthesis (mesh) 30405-04 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**
- - - - resection of strangulated intestine 30405-05 **[996]**
Revise - - - - incarcerated (obstructed) (strangulated) — *see block* **[996]**

Repair — *continued*
- joint — *see also* Arthroplasty
Add - - ankle NEC 90599-00 **[1544]**
Add - - knee NEC 90598-00 **[1520]**
p215, Add - knee NEC 90598-00 **[1520]**
p218 - prolapse, prolapsed
- - rectum (mucosa)
- - - by
Revise - - - - manual reduction 90313-01 **[937]**
- - - - reduction of rectal mucosa (by excision) 32111-00 **[935]**
Revise - - - - - manual 90313-01 **[937]**
- ptosis
Add - - eyebrow (unilateral) 45587-00 **[1675]**
Add - - - bilateral 45588-00 **[1675]**
p220, Add - vessel — *see also* Repair, artery or Repair, vein

p222 **Replacement**
Add - blood, complete (adult) 92206-00 **[1861]**
p223 - flap, skull 40600-02 **[23]**
Add - gracilis neosphincter pacemaker (electrical anal stimulator) 32210-00 **[939]**
p224, Add - pacemaker — *see also* Insertion, pacemaker *and* Removal, pacemaker
Add - - gracilis neosphincter (electrical anal stimulator) 32210-00 **[939]**
p225 - stent
- - tracheal (endoscopic) 41905-01 **[533]**
Add - - ureteric
Add - - - with endoscopic incision of stricture (pelviureteric) (ureteric) 36825-00 **[1094]**

p227 **Resection** — *see also* Excision
- eyelid (full thickness) (wedge) 45665-01 **[1662]**
Add - - for repair of ectropion or entropion 45626-01 **[239]**
- intestine
- - for
- - - interposition
- - - - large intestine 90336-01 **[914]**
Add - - - - - with formation of urinary reservoir 36606-00 **[1085]**
- - - - small intestine 90336-00 **[896]**
Add - - - - - with formation of reservoir
Add - - - - - - intestinal (continent ileostomy) 32069-00 **[897]**
Add - - - - - - urinary 36606-00 **[1085]**

Resection — *continued*
- intestine — *continued*
- - large — *see also* Colectomy
- - - rectum
- - - - anterior (restorative)
Add - - - - - high, with intraperitoneal anastomosis (with covering stoma) 32024-00 **[933]**
- - - - - low
- - - - - - with anastomosis
Revise - - - - - - coloanal (colorectal) (with covering stoma) 32026-00 **[933]**
- - - - - ultralow
Revise - - - - - - with sutured coloanal anastomosis (colorectal) (with covering stoma) 32028-00 **[933]**
- - small (with anastomosis) 30566-00 **[895]**
Revise - - - for interposition 90336-00 **[896]**
Delete - - - with ~~stoma formation 30565-00 **[895]**~~
Add - - - - formation of
Add - - - - - reservoir
Add - - - - - - intestinal (continent ileostomy) 32069-00 **[989]**
Add - - - - - - urinary 36606-00 **[1085]**
p228 - rectum
- - anterior (restorative)
Add - - - high, with intraperitoneal anastomosis (with covering stoma) 32024-00 **[933]**
- - - low
- - - - with anastomosis
Revise - - - - coloanal (colorectal) (with covering stoma) 32026-00 **[933]**
- - - ultralow
Revise - - - - with coloanal anastomosis (colorectal) (with covering stoma) 32028-00 **[933]**
p229, Revise - - ultra low (with covering stoma) 32028-00 **[933]**

p232 **Retention**
- dental pin 97575-00 **[469]**
Add **Retraining**
Add - bladder 92129-00 **[1875]**

p235 **Rhytidectomy**
Revise - face (forehead) (bilateral) 45588-00 **[1675]**
Add - - unilateral 45587-00 **[1675]**

p237 **Scan**
- CT (computerised tomography) — *see* Tomography, computerised
Add - duplex — *see* Ultrasound, by site, duplex

p239 **Shortening**
- eyelid 45665-01 **[1662]**
Add - - for repair of ectropion or entropion — *see block* **[239]**

p245 **Study**
- nuclear medicine — *see also* Study, by site
Revise - - specified site NEC 90910-00 **[2014]**
- whole body (nuclear medicine)
- - using
- - - gallium 61429-00 **[2012]**
Add - - - - with photon emission tomography (PET) (single region) 61430-00 **[2012]**
Add - - - - - ≥ 2 regions 61442-00 **[2012]**

Suture (laceration)
Delete - abdominal wall ~~30403-02~~ ~~**[1000]**~~
- eyelid
Delete - - for ~~adjustment of lid position 42584-00~~ ~~**[236]**~~
Add - - - adjustment of lid position 42584-00 **[236]**
Add - - - repair of ectropion or entropion 45626-00 **[239]**

p247, Delete ~~**Swallow**~~
Delete - ~~barium (upper gastro-intestinal) 58906-02~~ ~~**[1975]**~~

p251 **Test, testing** (for) (*see also* Investigation) NEC 92204-00 **[1893]**
- whole body count (nuclear medicine) 12530-00 **[1884]**
- - using
- - - gallium 61429-00 **[2012]**
Add - - - - with photon emission tomography (PET) (single region) 61430-00 **[2012]**
Add - - - - - ≥ 2 regions 61442-00 **[2012]**

p252 **Therapy**
- radioactive (isotopes) 16000-00 **[1795]**
- - specified NEC 16000-00 **[1795]**
Add - - Strontium (89) 16015-00 **[1795]**

Thoracentesis
- diagnostic 38400-00 **[560]**
Add - - and therapeutic 38403-00 **[560]**
- therapeutic 38403-00 **[560]**
Add - - and diagnostic 38403-00 **[560]**

Tighten, tightening
- bladder neck
- - with secondary repair of
- - - exstrophy of bladder 37842-02 **[1105]**
- - - - and ureteric reimplantation 37842-03 **[1105]**
Add - inferior retractors
Add - - for repair of entropion 42866-00 **[239]**

p255 **Tomography** NEC 60100-00 **[1951]**
- positron emission (PET)
- - with
- - - whole body study
- - - - using
Add - - - - - gallium (single region) 61430-00 **[2012]**
Add - - - - - - ≥ 2 regions 61442-00 **[2012]**

p257 **Transfusion**
- blood 13706-01 **[1861]**
Revise - - for complete replacement of blood (adult) 92206-00 **[1861]**
Add - - - infant 13306-00 **[1860]**
Add - - exchange (adult) 92206-00 **[1861]**
Delete - - - ~~in~~ infant 13306-00 **[1860]**
- exchange
Revise - - blood (adult) 92206-00 **[1861]**
Add - - - infant 13306-00 **[1860]**

p258 **Transplant, transplantation**
- muscle (*see also* Flap, muscle) NEC 47966-01 **[1573]**
- - gracilis
- - - for incontinence-
- - - - anal 32203-00 **[946]**
Add - - - - with insertion of stimulator and electrodes (gracilis neosphincter pacemaker) 32209-00 **[946]**

LABEL

p261 **Ultrasound** (diagnostic) (scan) 55056-00 **[1950]**
Add - abdomen, abdominal 55036-00 **[1943]**
Delete - - ~~vascular structures (lower aorta)~~ ~~55201-09~~ ~~**[1948]**~~
Delete - - - ~~and peripheral vessels (unilateral)~~ ~~55201-06~~ ~~**[1945]**~~
Delete - - - - ~~bilateral 55201-07~~ ~~**[1945]**~~
Add - - vessels — *see* Ultrasound, vessels, intra-abdominal
Revise - artery — *see also* Ultrasound, vessels
Add - - penis 55282-00 **[1947]**

Ultrasound — *continued*

Delete - ~~carotid vessels~~
Delete - - ~~duplex (B-mode) (Doppler)~~
Delete - - - ~~bilateral 55201-01~~ ~~**[1944]**~~
Delete - - - - ~~with~~
Delete - - - - - ~~oculoplethysmography 55225-01~~ ~~**[1944]**~~
Delete - - - - - - ~~and peripheral vessels 55231-01~~ ~~**[1946]**~~
Delete - - - - - ~~peripheral vessels~~
Delete - - - - - - ~~and oculoplethysmography 55231-01~~ ~~**[1946]**~~
Delete - - - - - ~~vertebral arteries 55201-03~~ ~~**[1944]**~~
Delete - - - ~~unilateral 55201-00~~ ~~**[1944]**~~
Delete - - - - ~~with~~
Delete - - - - - ~~oculoplethysmography 55225-00~~ ~~**[1944]**~~
Delete - - - - - - ~~and peripheral vessels 55231-00~~ ~~**[1946]**~~
Delete - - - - - ~~peripheral vessels~~
Delete - - - - - - ~~and oculoplethysmography 55231-00~~ ~~**[1946]**~~
Delete - - - - - ~~vertebral arteries 55201-02~~ ~~**[1944]**~~
- heart (continuous wave) (Doppler) (pulsed wave) (two dimensional real time)
Add - - transoesophageal (oesophageal windows) 55118-00 **[1942]**
Delete - - - ~~with measurement of blood flow velocities across cardiac valves~~
Delete - - - - ~~and real time colour flow mapping 55118-00~~ ~~**[1942]**~~
- neck 55032-00 **[1940]**
Add - - carotid vessels — *see* Ultrasound, vessels, carotid
Delete - - - ~~duplex — see Ultrasound, carotid vessels, duplex~~
p262 - penis
Revise - - artery (carvernosal) (dorsal) 55282-00 **[1947]**
Revise - - cavernosal tissue 55284-00 **[1947]**
Delete - ~~peripheral vessels (B-mode) (Doppler)~~
Delete - - ~~bilateral 55201-05~~ ~~**[1945]**~~
Delete - - - ~~and~~
Delete - - - - ~~carotid vessels~~
Delete - - - - - ~~with oculoplethysmography 55231-01~~ ~~**[1946]**~~
Delete - - - - ~~intra-abdominal vascular structures (lower aorta) 55201-07~~ ~~**[1945]**~~
Delete - - ~~penis (cavernosal) (dorsal) 55207-00~~ ~~**[1947]**~~
Delete - - ~~unilateral 55201-04~~~~**[1945]**~~
Delete - - - ~~and~~
Delete - - - - ~~carotid vessels~~
Delete - - - - - ~~with oculoplethysmography 55231-00~~ ~~**[1946]**~~
Delete - - - - ~~intra-abdominal vascular structures (lower aorta) 55201-06~~ ~~**[1945]**~~
- specified site NEC 55056-00 **[1950]**
Add - - vessels NEC 55286-00 **[1948]**
Delete - ~~thoracic~~
Delete - - ~~vascular structures 55201-08~~ ~~**[1948]**~~

Ultrasound — *continued*

Delete - ~~vascular structures~~
Delete - - ~~abdomen (lower aorta) 55201-09~~ ~~**[1948]**~~
Delete - - - ~~and peripheral vessels (unilateral) 55201-06~~ ~~**[1945]**~~
Delete - - - - ~~bilateral 55201-07~~ ~~**[1945]**~~
Delete - - ~~intra-thoracic 55201-08~~ ~~**[1948]**~~
Add - vessels 55286-00 **[1948]**
Add - - aorta
Add - - - duplex (B-mode) (Doppler)
Add - - - - with
Add - - - - - iliac vessels, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - inferior vena cava, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - renal vessels 55278-00 **[1945]**
Add - - - - - visceral vessels 55278-00 **[1945]**
Revise - - carotid (bilateral) (unilateral)
Add - - - duplex (B-mode) (Doppler)
Add - - - - with extracranial and vertebral vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
Add - - extracranial (bilateral) (unilateral)
Add - - - duplex (B-mode) (Doppler)
Add - - - - with carotid and vertebral vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
Add - - intracranial
Add - - - duplex (B-mode) (Doppler) 55280-00 **[1944]**
Add - - iliac
Add - - - duplex (B-mode) (Doppler)
Add - - - - with
Add - - - - - aorta, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - inferior vena cava, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - renal vessels 55278-00 **[1945]**
Add - - - - - visceral vessels 55278-00 **[1945]**

Ultrasound — *continued*
- vessels — *continued*

Add - - inferior vena cava
Add - - - duplex (B-mode) (Doppler)
Add - - - - with
Add - - - - - aorta, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - iliac vessels, and
Add - - - - - - intra-abdominal vessels 55276-00 **[1945]**
Add - - - - - - renal or visceral vessels 55278-00 **[1945]**
Add - - - - - renal vessels 55278-00 **[1945]**
Add - - - - - visceral vessels 55278-00 **[1945]**
Add - - intra-abdominal
Add - - - duplex (B-mode) (Doppler)
Add - - - - with aorta and iliac vessels 55276-00 **[1945]**
Add - - limb
Add - - - duplex (B-mode) (Doppler)
Add - - - - lower
Add - - - - - arteries (unilateral) 55238-00 **[1946]**
Add - - - - - - bilateral 55256-00 **[1946]**
Add - - - - - bypass graft (artery) (unilateral) (vein) 55238-00 **[1946]**
Add - - - - - - bilateral 55256-00 **[1946]**
Add - - - - - veins (unilateral) 55244-00 **[1946]**
Add - - - - - - bilateral 55262-00 **[1946]**
Add - - - - upper
Add - - - - - arteries (unilateral) 55248-00 **[1946]**
Add - - - - - - bilateral 55266-00 **[1946]**
Add - - - - - bypass graft (artery) (unilateral) (vein) 55248-00 **[1946]**
Add - - - - - - bilateral 55266-00 **[1946]**
Add - - - - - veins (unilateral) 55252-00 **[1946]**
Add - - - - - - bilateral 55270-00 **[1946]**
Delete - - ~~peripheral — *see* Ultrasound, peripheral vessels~~

Ultrasound — *continued*
- vessels — *continued*

Add - - renal
Add - - - duplex (B-mode) (Doppler) (with duplex ultrasound of aorta, inferior vena cava or iliac vessels) 55278-00 **[1945]**
Add - - specified NEC
Add - - - duplex (B-mode) (Doppler) 55286-00 **[1948]**
Add - - vertebral (bilateral) (unilateral)
Add - - - duplex (B-mode) (Doppler)
Add - - - - with extracranial and carotid vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
Add - - visceral
Add - - - duplex (B-mode) (Doppler) (with duplex ultrasound of aorta, inferior vena cava or iliac vessels) 55278-00 **[1945]**

p263 **Urethroscopy** (perineal) 37315-00 **[1111]**
- with
- - insertion of urethral
- - - prosthesis 36811-00 **[1113]**
Revise - - - - stent 36811-01 **[1113]**
Revise - - - stent 36811-01 **[1113]**

VOLUME 5
AUSTRALIAN CODING STANDARDS

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2. Neoplasms 53

Delete ~~0211 Admission to donate platelets ..... 63~~

3. Diseases of the Blood and Blood-Forming Organs and Certain Disorders involving the Immune Mechanism 65

Revise 0301 Stem cell~~/bone marrow~~ procurement and transplantation 65

page vii **5. Mental and Behavioural Disorders 79**

0525 Rehabilitation and detoxification 84

Add 0520 Family history of mental illness 84

6. Nervous System 87

Revise 0629 Stereotactic radiosurgery, ~~and~~ radiotherapy, and localisation 92

7. Eye and Adnexa 99

Delete ~~0711 Glaucoma ..... 100~~

page viii **9. Circulatory System 109**

Delete ~~0902 Angina ..... 109~~

0939 Arteriovenous fistula/shunt 115

Add 0940 Ischaemic heart disease 116

page x **15. Pregnancy, Childbirth and the Puerperium 153**

Delete ~~1533 Complications of obstetric procedures ..... 162~~

page xiii

ACKNOWLEDGMENT

Revise

The Australian Coding Standards have been produced by the National Centre for Classification in Health (NCCH), Sydney, University of Sydney and are built on the *National Coding Standards for Inpatient* ~~*Statistics*~~ *Data Collections**. The NCCH acknowledges...

INTRODUCTION

page xx

HOW TO USE THIS DOCUMENT

Add

The term 'clinician' is used throughout the document and refers to the treating medical officer but may refer to other clinicians such as midwives, nurses and allied health professionals. In order to assign a code associated with a particular clinician's documentation, the documented information must be appropriate to the clinician's discipline.

GENERAL STANDARDS FOR DISEASES

0001 PRINCIPAL DIAGNOSIS

p6

Two or more interrelated conditions, each potentially meeting the definition for principal diagnosis

Revise

When there are two or more interrelated conditions (such as diseases in the same ICD-10-AM chapter or manifestations characteristically associated with a certain disease) potentially meeting the definition of principal diagnosis, ~~either condition may be sequenced first, unless the circumstances of the admission, the therapy provided, the Tabular List, or the Alphabetic Index indicate otherwise.~~ the clinician should be asked to indicate which diagnosis best meets the principal diagnosis definition. If no further information is available, code as the principal diagnosis the first mentioned diagnosis (WHO, ICD-10, Volume 2, Rule MB2 *Several conditions recorded as 'main condition'*).

Delete

~~**EXAMPLE 6:**~~

~~Patient admitted for repair of hammer toe and hallux valgus.~~

p7

Two or more diagnoses that equally meet the definition for principal diagnosis

Revise

When two or more diagnoses equally meet the criteria for principal diagnosis as determined by the circumstances of admission, diagnostic workup and/or therapy provided, and the Alphabetic Index, Tabular List, or the ACS does not provide sequencing direction, ~~any one of the diagnoses may be sequenced first~~ the clinician should be asked to indicate which diagnosis best meets the principal diagnosis definition.

Add

If no further information is available, code as the principal diagnosis the first mentioned diagnosis (WHO, ICD-10, Volume 2, Rule MB2 *Several conditions recorded as 'main condition'*).

Revise

EXAMPLE 6:

Elderly patient admitted with multiple problems – discharged four weeks later.

Diagnoses:	**Procedures:**
Congestive cardiac failure	Debridement of ulcers
Chronic leg ulcers	Daily dressings to ulcers
Chronic airway limitation	
Diabetes mellitus	

As a number of conditions could have been sequenced as the principal diagnosis, the clinician should indicate which diagnosis best meets the principal diagnosis definition. If no further information is available, code congestive cardiac failure as the principal diagnosis because this is the first mentioned diagnosis.

p7

Codes from the Z03.0–Z03.9 series, Medical observation and evaluation for suspected diseases and conditions

Revise

Codes from the Z03.0–Z03.9 series are assigned... If symptoms related to the suspected condition are noted, then the symptom codes should be assigned, not code Z03.x (*see also* Standard 0012 *Suspected Conditions*, page 4). ~~If two or more conditions are present, each of which qualifies as principal, the clinician should choose the diagnosis for which the investigation or treatment was the most resource intense.~~ For neonates, *see* Standard 1611 *Observation and evaluation of newborn and infants for suspected condition not found*, page 173.

p8

0002 ADDITIONAL DIAGNOSES

Delete

Other conditions such as ~~glaucoma,~~ chronic renal failure, status post below knee amputation and peripheral vascular disease that co-exist at the time of admission and have a bearing on the patient's management should be coded if they required additional nursing care or other use of resources.

p13

0013 'OTHER' AND 'UNSPECIFIED' CODES

Add

EXAMPLE 1 FOURTH CHARACTER STRUCTURE

		Code Type
L50	**Urticaria**	Category

Add

EXAMPLE 2 FIFTH CHARACTER STRUCTURE

		Code Type
S83.1	**Dislocation of knee**	'Specific' fourth character category

p16

0027 MULTIPLE CODING

Delete

The codes for manifestations (*) cannot be assigned as the principal diagnosis ~~*however, there may be instances where the Australian Coding Standards override this convention, e.g. ACS 0102 HIV/AIDS*~~.

Examples of common areas where multiple coding is used in ICD-10-AM include:

- local infections to identify the organism
- functional activity of neoplasms
- neoplasm morphology
- underlying disease in organic mental disorders (F00–F09)
- toxic agents
- nature of injury or cause of poisoning or adverse effect

Add

EXAMPLE 5:

Diagnosis: Inner quadrant breast carcinoma metastatic to axillary lymph nodes

Coding:
C50.9 *Malignant neoplasm of breast, unspecified*
M8010/3 *Carcinoma NOS, malignant primary site*
C77.3 *Secondary and unspecified malignant neoplasm of axillary and upper limb lymph nodes.*
M8010/6 *Carcinoma NOS, malignant metastatic site*

p24

0041 CONVENTIONS USED IN THE ALPHABETIC INDEX TO PROCEDURES

Revise

Sequence

The prepositions 'as', 'by', 'for', 'with' and 'without' immediately follow the main term or subterm to which they refer. ~~It is ***imperative*** that these prepositional subterms (essential modifiers) are checked before consulting the alphabetic subterms.~~ When a procedure description includes terms listed under a prepositional subterm and an alphabetic subterm, the prepositional subterm takes precedence. For example:

Add

Formation
- fistula
- - arteriovenous
- - - with
- - - - graft (vein) 34512-00 **[765]***
- - - - prosthesis (Goretex) 34512-01 **[765]**
- - - limb (extremity)
- - - - lower 34509-00 **[765]****
- - - - upper 34509-01 **[765]**

Add

In this example, 'formation of an arteriovenous fistula of the lower limb with graft' would be assigned code 34512-00 [765]* rather than code 34509-00 [765]** because entries under 'with' take precedence over the alphabetic subterm of 'limb'.

When multiple prepositional references are present, they are listed in alphabetic sequence. For example:

Arthroplasty...

p29

0038 PROCEDURES DISTINGUISHED ON THE BASIS OF SIZE, TIME OR NUMBER OF LESIONS

EXAMPLE 2:...

Therapy
- hyperbaric oxygen (≤ 3 hours) (HBO) 13020-00 **[1889]**
- - > 3 hours 13025-00 **[1889]**

Add

Where there is no morphology documented for a particular lesion, use the code for a 'benign' lesion.

Revise

Where there is NO DOCUMENTATION in the clinical record, NO FURTHER INFORMATION can be obtained from the clinician and there is NO DEFAULT in the index, assign the ~~appropriate~~ code for the smallest size, the least duration or the least number of lesions as appropriate.

LABEL

p35

Revise

0030 ORGAN PROCUREMENT AND TRANSPLANTATION

AUSTRALIAN CODING STANDARDS

ORGAN/TISSUE PROCUREMENT AND TRANSPLANTATION TABLE

ORGAN/TISSUE	NON-AUTOLOGOUS DONATION Dx CODE	PROCUREMENT PROCEDURE CODE		TRANSPLANTATION PROCEDURE CODE	
Blood, stem cells	Z52.01	13750-05[1859]	*Apheresis of stem cells with cryopreservation.*	13706-08 [802]	*Autologous haematopoietic stem cell transplantation*
		13750-04 [1859]	*Apheresis of stem cells*		
		~~13750-06 [1859]~~	~~*Other therapeutic haemapheresis*~~		
Bone marrow	Z52.3	13700-00 [801]	*Procurement of bone marrow for transplantation*	Block [802]	*Bone marrow or haematopoietic stem cell transplantation*
Limbal stem cells	Z52.8	42683-00 [254]	*Excision of lesion or tissue of conjunctiva~~conjuctiva~~*	90065-00 [174]	*Limbal stem cell transplantation*
Liver	Z52.6	90346-00 [953]	*Total hepatectomy*	90317-00 [954]	*Transplantation of liver*
Lung	Z52.8	38438-03 [553]	*Removal of donor lung for transplantation*	Block [555]	*Transplantation of lung*
Pancreas	Z52.8	Block [978]	*Pancreatectomy*	90324-00 [981]	*Transplantation of pancreas*

LABEL

p35

Revise

0031 GENERAL ANAESTHESIA

Assign the appropriate code for general anaesthesia in addition to the main procedure code if the clinician indicates that a general anaesthetic was administered to facilitate the performance of a procedure where it is expected that the patient will be unlikely to cooperate e.g. ~~CT scan, endoscopy, pap smear, dental extraction or burns dressing~~ CT scan, dental extraction, dressings, endoscopy, pacemaker implant, pap smear, plaster application or radiotherapy. This would cover situations involving both paediatric patients and adult patients with intellectual impairment.

➤

Add

92502-00	[1896]	*Intravenous anaesthesia*
92502-01	[1896]	*Inhalational anaesthesia*
92502-02	[1896]	*Intravenous and inhalational anaesthesia*
	[487]	*Anaesthesia and sedation for dental procedure*

LABEL

p36

0032 ALLIED HEALTH

Delete

~~**EXAMPLE 1:**~~
~~95154-00 [2068] *Preparation for hydrotherapy pool, physiotherapy*~~
~~95207-00 [2087] *Footwear modification, podiatry*~~
~~95312-04 [2110] *Cochlear implant programming, audiology*~~

Classification

Delete ~~Allied health interventions can be coded in one of two ways:~~

Delete ~~1. Assign the appropriate code/s from block [2140] *Generalised allied health interventions*~~

Add 1. As a rule, it is only necessary to assign the general code/s [block 2140] for allied health intervention/s. However, if there is a need to collect more specific data on allied health interventions at the local level, then assignment of the general category code and/or specific codes [blocks 2050–2139] is allowable.

Add 2. The general code representing a professional group should be assigned once only for an episode of care, regardless of the number of specific interventions performed by the relevant professional.

Add 3. If assigning specific codes, and the same intervention is performed more than once during an episode of care, assign the appropriate code, once only.

Revise

EXAMPLE 1:

An inpatient is seen by a physiotherapist (5 interventions performed), a social worker (2 interventions performed) and a dietitian (1 intervention performed) during an episode of care, assign:

95550-03 [2140] *Allied health intervention, physiotherapy*
95550-01 [2140] *Allied health intervention, social work*
95550-00 [2140] *Allied health intervention, dietetics*

Delete ~~2. Assign the appropriate code/s fom block [2050] to [2139] as required at hospital/facility level.~~

Add When more specificity is required, assign the appropriate code/s from blocks [2050] to [2139].

Add

EXAMPLE 2:

An occupational therapist provided perceptual training, sensory integration and education on sensory motor function during the episode of care. The physiotherapist manipulated and mobilised the knee joint.

General codes
95550-02 [2140] *Allied health intervention, occupational therapy*
95550-03 [2140] *Allied health intervention, physiotherapy*

OR

Specific codes
95101-01 [2060] *Perceptual training or retraining, occupational therapy*
95101-03 [2060] *Sensory integration, occupational therapy*
95101-07 [2060] *Education and advice on sensory motor function, occupational therapy*
95151-03 [2065] *Manipulation, physiotherapy*
95151-04 [2065] *Mobilisation of joint, physiotherapy*

Delete ~~***Note:*** If desired, a combination of codes from (1) and (2) may be assigned.~~

Add ***Note:*** A combination of codes from (1) and (2) may be assigned, however, for consistency of morbidity data it is advisable to routinely assign general codes only.

p42

0102 HIV/AIDS

Sequencing and Selection of Codes

Decisions as to sequencing of codes should be made in light of the definition of principal diagnosis.

Revise If the condition chiefly responsible for occasioning the patient's ~~admission to hospital~~ episode of care was the HIV, use the appropriate code from B20–B24.

Revise If the condition chiefly responsible for occasioning the patient's ~~admission to hospital~~ episode of care was a manifestation of HIV, code the manifestation as the principal diagnosis.

Add Note that manifestations that are annotated with an asterisk (*) must never be assigned as the principal diagnosis in HIV/AIDS (*see* Standard 0027 *Multiple coding*, page 14).

Add When the manifestation requires both an aetiology code (†) and a manifestation code (*), such as herpetic encephalitis (B00.4† and G05.1*), assign the two codes in the order given (i.e. aetiology followed by manifestation).

p43 **Manifestations and other related conditions**

All manifestations of the HIV infection must be coded. Please note that the list below is not exhaustive of all possible manifestations.

encephalitis (G04.9)
Revise herpetic (B00.4† G05.1*)

meningitis
Revise cryptococcal (B45.1† G02.1*)
Revise herpes zoster (B02.1† G02.0*)
Revise viral (A87.0† G02.0*)

pneumonia:
Revise NOS (J18.9)
Revise aspergillosis (B44.-† J17.2*)

p46 *Revise* **Antiretroviral therapy complications or adverse effects**

EXAMPLE 3:

Diagnosis: Antiretroviral drug induced haemolytic anaemia with HIV positive status.

Codes:	Haemolytic anaemia, drug induced	D59.2	*Drug-induced nonautoimmune haemolytic anaemia*
	~~HIV positive (asymptomatic)~~	~~Z21~~	~~*Asymptomatic human immunodeficiency virus [HIV] infection status*~~
	Adverse effect of antiretroviral drug	Y41.5	*Antiviral drugs causing adverse effects in therapeutic use*
	HIV positive (asymptomatic)	Z21	Asymptomatic human *immunodeficiency virus [HIV] infection status*

EXAMPLE 4:...

LABEL

Revise, p49 **0104 VIRAL HEPATITIS AND VIRAL HEPATITIS CARRIER STATUS**

Delete ~~**Carrier Status**~~

~~Patients are considered hepatitis carriers (Z22.5 *Carriers of viral hepatitis*) if they remain antibody positive beyond the acute phase of the illness/episode. In these instances, although the patients will be asymptomatic for the disease, they will show as antibody positive on serology testing and continue to be infectious.~~

Add **Definition**

Viral hepatitis is an inflammatory and necrotic disease of liver cells. Viruses A, B, C, D, and E may result in acute viral hepatitis. Acute viral hepatitis infections with viruses B, C and D may progress to chronic viral hepatitis[1].

Viral hepatitis that lasts for more than 6 months is generally defined as 'chronic', however, this definition is arbitrary[2]. Chronic viral hepatitis is an unresolving disease that is traditionally characterised into two types: *chronic active and chronic persistent*. Chronic active viral hepatitis is a variably progressive disease that ultimately results in cirrhosis and hepatic failure. Chronic persistent viral hepatitis, on the other hand, seldom progresses, even though hepatic cell necrosis may occur for decades. The distinction between the two forms of chronic viral hepatitis can only be determined following a liver biopsy[3].

Patients with chronic viral hepatitis often have abnormal liver function tests. An indication of chronic viral hepatitis is a raised level of alanine transaminase, although this may also be due to other causes such as alcohol. Generally, patients with chronic viral hepatitis are followed up biannually with blood tests. Neonates of mothers who have chronic hepatitis B or are hepatitis B carriers are at risk of transmission and should be immunised soon after birth (within 24 hours). Neonates of mothers who have chronic hepatitis C or are hepatitis C carriers have a less than 5% risk of infection.

Generally, after an infection with a pathogenic organism, a person will develop antibodies to the pathogenic organism. Antibodies to certain infectious diseases can also be produced by vaccination. In these people, future blood tests demonstrating the antibodies will indicate past infection or immunisation. Such people are *not* regarded as 'carriers'. A carrier is a person who does not manifest symptoms but harbours the organism and may infect others[4]. It is important to understand the distinction between a person who is a carrier of an infectious disease (an infection risk) and a person whose antibody results indicate past infection or immunisation to an infectious disease (not an infection risk). The role of antibody tests in distinguishing between carrier status and past infection varies depending on the infection[5].

Hepatitis A

Definition

Hepatitis A is a disease which is quite contagious and is transmitted enterically (faeco-oral route). Transmission within families is common. In developing countries, the usual source of infection is faecal contamination of drinking water.

The hepatitis A virus (HAV) is detected by two antibody tests[5,6]:

1. IgM antibody: positive result indicates recent infection.
2. IgG antibody (anti-HA): positive result indicates past infection (previous exposure to HAV) or immunity through vaccination.

HAV is *never* a chronic infection. There is no known carrier state and HAV plays no role in chronic active hepatitis or cirrhosis[2].

Classification

Hepatitis A is coded as:
B15.0 *Hepatitis A with hepatic coma or* B15.9 *Hepatitis A without hepatic coma.*

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where hepatitis A complicates the pregnancy, childbirth or puerperium.

Hepatitis B

Definition

Hepatitis B manifests as an acute illness but may progress to a chronic infection. The hepatitis B virus (HBV) is transmitted by infected body secretions; blood and blood products, saliva, urine, semen and cervical secretions. Generally, following an acute infection with HBV, the majority of patients will recover; they will *not develop* chronic hepatitis *or* become asymptomatic carriers of the virus. However, in up to 10% of cases, following on from the acute infection, patients will become asymptomatic carriers of HBV or develop chronic active viral hepatitis (5%)[2,5].

There are many tests used to detect and determine the status of HBV[2,5,6]:

1. HBV surface antigen (HBsAG) indicates current HBV infection. Chronic hepatitis B infection is diagnosed when a patient is HBsAG positive for greater than six months. Chronic active hepatitis is diagnosed when a patient has abnormal liver function tests for greater than six months.
2. Serum antibodies to HBsAG (anti-HBs antibodies) indicates past HBV infection or vaccination (relative future protection).
3. Serum antibodies to HBV core antigen (anti-HBc antibodies) indicates either current HBV infection or past HBV infection. Vaccination does not result in antibodies to HBcAG (HBV core antigen).
4. HBV e antigen (HBeAG) is found only in HBsAG positive serum and tends to parallel the production of DNA polymerase by the virus. Its presence indicates active viral replication and is generally associated with greater infectivity of the blood.
5. HBV viral DNA indicates detectable virus in the blood.

Classification

Acute or chronic hepatitis B (chronic active hepatitis B, chronic persistent hepatitis B) is coded as:
B16. x *Acute Hepatitis B or* B18.0 *Chronic viral hepatitis B with delta-agent or* B18.1 *Chronic viral hepatitis B without delta-agent.*

Carrier status (when the patient is hepatitis B surface antigen positive [HBsAG +] and asymptomatic) is coded as:
Z22.5 *Carrier of viral hepatitis*

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where acute or chronic hepatitis B complicates the pregnancy, childbirth or puerperium. This code is not assigned when the obstetric patient is a carrier. Assign Z22.5 for obstetric patient with carrier status.

When an ambiguous term such as 'past history of hepatitis B' is documented, clinical coders should check with the clinician to determine if the patient is actually a carrier. A code for carrier status should *never* be assigned on ambiguous documentation.

Hepatitis C

Definition

Hepatitis C manifests as an acute illness but may progress to a chronic infection. The hepatitis C virus (HCV) is transmitted parenterally (e.g. transfusions, injection drug abuse, occupational exposure to blood or blood products)[3]. Recovery rates from hepatitis C viral (HCV) infection is much lower than in hepatitis B viral infection. Generally it is known that 50% of patients will progress to a chronic infection, however, varying reports have placed this figure as high as 90%[1,3,6].

A positive hepatitis C antibody test indicates hepatitis C infection. A polymerase chain reaction (PCR) assay can also be conducted; a positive result supports the diagnosis of chronic hepatitis C infection. However, a negative PCR result does not necessarily mean that there is no chronic infection, as the virus may still be present in small amounts and not detected in the blood sample[5,6].

Classification

Acute or chronic hepatitis C (chronic active hepatitis C, chronic persistent hepatitis C) is coded as:
B17.1 *Acute hepatitis C or* B18.2 *Chronic viral hepatitis C.*

Carrier status (when the patient is hepatitis C positive and asymptomatic) is coded as:
Z22.5 *Carrier of viral hepatitis*

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where acute or chronic hepatitis C complicates the pregnancy, childbirth or puerperium. This code is not assigned when the obstetric patient is a carrier. Assign Z22.5 for obstetric patient with carrier status.

When an ambiguous term such as 'past history of hepatitis C' is documented, coders should check with the clinician to determine if the patient is actually a carrier. A code for carrier status should *never* be assigned on ambiguous documentation.

Similarly when 'hepatitis C' is recorded, coders should check with the clinician to determine if the disease is at the acute or chronic stage. Where consultation is not possible, assign the code for chronic hepatitis C (B18.2).

Hepatitis D

Definition

The hepatitis D virus (HDV) can only replicate in the presence of HBV, never alone. It occurs as either a co-infection with acute hepatitis B or a superinfection in established chronic hepatitis B[2].

Classification

Hepatitis D with acute hepatitis B infection is coded as:
B16.0 *Acute hepatitis B with delta-agent (co-infection) with hepatic coma or* B16.1 *Acute hepatitis B with delta-agent (co-infection) without hepatic coma*

Hepatitis D with chronic hepatitis B infection is coded as:
B18.0 *Chronic viral hepatitis B with delta agent*

Hepatitis D where there is *NO* sign of active hepatitis B disease (hepatitis B carrier state) is coded as:
B17.0 *Acute delta-(super) infection of hepatitis B carrier*

References

1. Weatherall, D., Ledingham, J., & Warrell, D. (Eds.). (1996). *Oxford Textbook of Medicine*. (3rd ed.). Oxford Medical Publications, Oxford. (page 2061).
2. Berkow, R., & Fletcher, A. (Eds.). (1992). *The Merck Manual of Diagnosis and Therapy*. (16th ed.). Merck & Co., Inc, New Jersey. (pages 897–906).
3. Rubenstein, E., & Federman, D. (Eds.). (1994). *Scientific American Medicine*. Scientific American, Inc, New York. (Chapter 4, VII, pages 1–11, Chapter 4, VIII, pages 1–8).
4. Koenigsberg, R. (Ed.). (1989). *Churchill's Illustrated Medical Dictionary*. Churchill Livingstone, New York.
5. Dr Philip Jones, Prince Henry Hospital – Member of Infectious and Immunology Clinical Coding & Classification Group. [Personal communication].
6. Dr Dale Fisher, Royal Darwin Hospital – Member of Infectious and Immunology Clinical Coding & Classification Group. [Personal communication].

p63 — ~~**0211 ADMISSION TO DONATE PLATELETS**~~

Delete standard — ~~These are usually same day admissions and should be assigned Z52.08 *Other blood product donor* with procedure code 13755-00 [1859] *Donor haemapheresis.*~~

LABEL

Revise, p65 — **0301 STEM CELL/~~BONE MARROW~~ PROCUREMENT AND TRANSPLANTATION**

Delete — ~~**Admission for stem cell/bone marrow procurement**~~

Delete — ~~Stem cells and bone marrow may be procured from:~~

Delete — ~~1. a patient with a known malignancy, for therapeutic purposes (i.e. an autologous donation) or~~

Delete — ~~2. a healthy donor.~~

Delete **~~Classification~~**

Delete ~~Patients with a malignancy admitted for stem cell or bone marrow procurement should have a principal diagnosis code for the malignancy (e.g. leukaemia, lymphoma) and one of the following procedure codes:~~

Delete ~~13750-04 [1859] *Apheresis of stem cells*~~
Delete ~~13750-05 [1859] *Apheresis of stem cells with cryopreservation*~~
Delete ~~13700-00 [801] *Procurement of bone marrow for transplantation*~~

Delete ~~The Z52.x (*Donors*) codes should never be assigned for patients with a malignancy who are making an autologous donation.~~

Delete ~~Admission of a donor for procurement of stem cells should have a principal diagnosis code of Z52.x *Donors* with a procedure code of:~~

Delete ~~13750-04 [1859] *Apheresis of stem cells* or~~
Delete ~~13750-05 [1859] *Apheresis of stem cells with cryopreservation*~~

Add Stem cells may be procured from:

Add 1. A patient with a known malignancy, for therapeutic purposes (i.e. autologous donation), or

Add 2. A healthy donor (nonautologous donation).

Add The relevant ICD-10-AM codes for this standard are:
Z52.01 *Stem cell donor*
Z51.81 *Apheresis*

Add Note that 'apheresis' may also be documented in the clinical record as 'peripheral blood stem cell collection' or 'stem cell harvest' or similar.

Add **Classification**

Add ***Same day patients***

Add **–autologous donation**

Add Same day patients (i.e. admitted and separated on the same date) undergoing autologous donation of stem cells should have a principal diagnosis code of Z51.81 *Apheresis*. An additional code(s) should be assigned to indicate the condition/malignancy being treated.

Add Assign the appropriate procedure code, depending on whether the stem cells are frozen (cryopreservation):
13750-04 [1859] *Apheresis of stem cells* or
13750-05 [1859] *Apheresis of stem cells with cryopreservation*

Add **–nonautologous donation**

Add Same day patients admitted as a donor for procurement of stem cells should have a principal diagnosis code of Z52.01 *Stem cell donor*.

Add Assign the appropriate procedure code, depending on whether the stem cells are frozen (cryopreservation):
13750-04 [1859] *Apheresis of stem cells* or
13750-05 [1859] *Apheresis of stem cells with cryopreservation*

Add ***Multiday patients***

Add **–autologous**

Add Multiday patients should have a principal diagnosis code of the condition/malignancy being treated and the appropriate procedure codes as mentioned above. Assignment of Z51.81 *Apheresis* as an additional diagnosis code is unnecessary.

Autologous haematopoietic stem cell transplant

Revise Autologous haematopoietic stem cell transplant (13706-08 [802] *Autologous haematopoietic stem cell transplantation*) may be accomplished by using haematopoietic stem cells obtained from either bone marrow or peripheral blood..

Revise

EXAMPLE 1
If bone marrow and peripheral stem cells are transplanted during the same admission assign two codes:

13706-08 [802] *Autologous haematopoietic stem cell transplantation*
13706-07 [802] *Autologous bone marrow transplantation*.

EXAMPLE 2
When a patient undergoes apheresis during an admission where the patient also receives high dose chemotherapy and/or radiation and the reinfusion of stem cells, assign the appropriate apheresis code with the stem cell transplant code:

13750-04 [1859] *Apheresis of stem cells*
or
13750-05 [1859] *Apheresis of stem cells with cryopreservation*
with
13706-08 [802] *Autologous haematopoietic stem cell transplantation*.

p74

0401 DIABETES MELLITUS

Gestational diabetes

Therefore, gestational diabetes should be assigned code:

O24.4 *Diabetes mellitus arising in pregnancy*

Revise

If a gestational diabetes patient is ~~being managed~~ given insulin during the episode of care, 92183-00 [1892] *Injection of insulin* should be assigned.

p80

0503 DRUG AND ALCOHOL USE DISORDERS

General classification rules

Revise

- Descriptions such as 'social drinker' or 'heavy drinker' should not be coded.

Add

- When more than one of 'acute intoxication', 'dependence' or 'harmful use' are documented, assign the appropriate codes for those descriptions.

Add

EXAMPLE
A patient is treated for acute intoxication superimposed on alcohol dependence syndrome. Assign first the code for acute intoxication (F10.0 *Mental and behavioural disorders due to acute intoxication of alcohol*) with an additional diagnosis code of F10.2 *Mental and behavioural disorders due to dependence of alcohol*).

- Categories F10–F19 exclude patients using unsanctioned levels of...

p82

0505 MENTAL ILLNESS COMPLICATING PREGNANCY

Postnatal depression

Revise

Postnatal depression should only be coded when it **originates** within the period of 42 days after confinement (the postnatal period). ~~The type of depression should be coded when specified and a code from category F53 *Mental and behavioural disorders associated with the puerperium, NEC* should be assigned only when the type of depression is not documented or not able to be classified elsewhere.~~ If the type of depression is specified and classifiable to the mental health chapter, the appropriate code should be assigned in preference to a code from F53.0. A code from category F53.0 *Mild mental and behavioural disorders associated with the puerperium, not elsewhere classified* should be assigned only when the type of depression is not documented or not able to be classified elsewhere. Postnatal depression documented with onset after the postnatal period should be queried with the clinician.

LABEL

p84

0520 FAMILY HISTORY OF MENTAL ILLNESS

Add standard

Z81.x *Family history of mental and behavioural disorders* is never assigned because:

- It is difficult to ascertain whether there is in fact a family history.
- The recording of a family history of mental illness as part of a classification of diagnosis is seen as contributing towards the stigma associated with mental illness.
- Where a patient has a non-psychiatric disorder, the fact that the family has a history of mental illness is of no relevance.
- Where a patient has a psychiatric disorder, there is no reason to record whether or not the family has a history of mental illness.
- Where family data is required for mental health research or epidemiological studies, a dedicated sample would be more appropriate as a routine collection of information would be difficult.

p88
Revise

0604 STROKE

STROKE - ~~COMPLICATION~~ ADDITIONAL DIAGNOSES

ADDITIONAL DIAGNOSIS	ICD-10-AM CODE/S
Urinary incontinence – *should be assigned only when the incontinence is present at discharge or persists for at least 7 days.*	R32, N39.3, N39.4
Faecal incontinence – *should be assigned only when the incontinence is present at discharge or persists for at least 7 days.*	R15

Revise, p92

0629 STEREOTACTIC RADIOSURGERY, ~~AND~~ RADIOTHERAPY, AND LOCALISATION

Stereotactic radiosurgery:

Assign codes:

Revise

15600-00	[1789]	*Stereotactic radiation treatment, single dose*
40803-00	[1]	*Intracranial stereotactic localisation*

Stereotactic radiotherapy:

Assign codes:

Revise

15600-01	[1789]	*Stereotactic radiation treatment, fractionated*
40803-00	[1]	*Intracranial stereotactic localisation*

p100

~~0711 GLAUCOMA~~

Delete standard

~~Glaucoma is a name given to a group of diseases in which the intraocular pressure is sufficiently elevated to damage vision. It is optic neuropathy in which raised pressure is a significant contributing factor. It can be further defined, for example, as primary or secondary, open or closed angle, etc. Glaucoma should be coded for all patients even if the diagnosis of glaucoma is incidental to the reason for admission.~~

p109

~~0902 ANGINA~~

Delete standard

~~Admissions for angina should have angina sequenced as the principal diagnosis, except when the patient progresses to a myocardial infarction in the same episode, in which case the infarction code would be assigned as the principal diagnosis. Coronary atherosclerosis is the most common cause of angina, and would be sequenced as the additional diagnosis to angina, if present. Angina should always be specified by clinicians as stable or unstable. 'Ischaemic chest pain' should be coded to stable angina. Chest pain, if not related to angina, should be coded to R07.x *Pain in throat and chest*.~~

~~Note the following classification:~~

~~Angina grade I–III~~	~~Stable, angina~~
~~Angina grade IV~~	~~Unstable, angina~~

~~EXAMPLE 1~~

~~A patient with unstable angina was admitted to the hospital for left heart cardiac catheterisation and was found to have significant triple vessel atherosclerotic heart disease. A three vessel coronary artery bypass using saphenous vein with cardiopulmonary bypass (with peripheral cannulation) was performed during the same episode of care.~~

~~Principal diagnosis:~~	~~I20.0~~	~~*Unstable angina*~~
~~Additional diagnoses:~~	~~I25.11~~	~~*Atherosclerotic heart disease of native coronary artery*~~
~~Procedures:~~	~~38497-02 [672]~~	~~*Coronary artery bypass, using 3 saphenous vein grafts*~~
	~~38218-00 [668]~~	~~*Coronary angiography with left heart catheterisation*~~
	~~38603-00 [642]~~	~~*Cardiopulmonary bypass, peripheral cannulation*~~

~~EXAMPLE 2~~

~~A patient was admitted to hospital with angina and underwent a combined right and left cardiac catheterisation which revealed significant atherosclerotic heart disease. Triple coronary artery bypass surgery was recommended. The patient was discharged on antianginal medication and provided time to decide about consent for further surgery.~~

~~Principal diagnosis:~~	~~I20.9~~	~~*Angina pectoris, unspecified*~~
~~Additional diagnoses:~~	~~I25.11~~	~~*Atheroscleroitic heart disease of native coronary artery*~~
~~Procedures:~~	~~38218-02 [668]~~	~~*Coronary angiography with left and right heart catheterisation*~~

LABEL

p116

Add standard

0940 ISCHAEMIC HEART DISEASE

Definition

Ischaemic heart disease is the general term for a number of disorders that affect the myocardium due to coronary insufficiency, which is a decrease in the blood supply to the heart. It is usually caused by deposits of atheromatous material that progressively obstruct the coronary arteries and their branches. [1]

Classification

Ischaemic heart disease is classified to categories I20–I25 as follows:
Angina pectoris (I20)
Acute myocardial infarction (I21)
Subsequent myocardial infarction (I22)
Certain current complications following acute myocardial infarction (I23)
Other acute ischaemic heart diseases (I24)
Chronic ischaemic heart disease (I25)

Angina pectoris (I20)

Definition

Mechanism = transient, localised myocardial ischaemia. There is a discrepancy between the myocardial demands for oxygen and the amount delivered through the coronary arteries.[2]

Angina is of clearly defined short duration and subsides completely without residual discomfort. It is usually due to arteriosclerotic heart disease, but may occur in the absence of significant disease of the coronary arteries as a result of coronary spasm, severe aortic stenosis or insufficiency, increased metabolic demands as in hyperthyroidism or after thyroid therapy, marked anaemia, paroxysmal tachycardias with rapid ventricular rates, or in connective tissue disorders such as systemic lupus erythematosus that affect the smaller coronary arteries.[2]

Specific types of angina are:

• *Unstable angina (I20.0)*

Definition

The code I20.0 *Unstable angina* includes conditions described as intermediate coronary syndrome, preinfarction syndrome and premature or impending myocardial infarction. Angina occurring more than 24 hours after an infarction and within the infarction episode of care is known as postinfarction angina and is also classified to I20.0 *Unstable angina*.

Unstable angina is a syndrome intermediate between the angina pectoris of effort and acute myocardial infarction in the spectrum of coronary heart disease. It is recognised by the appearance of pain which has a different character, duration, radiation and severity – or which over a period of hours or days has a crescendo quality of increased ease of production, or which occurs at rest or during the night.[2]

Classification

If a patient is admitted with unstable angina and progresses to a myocardial infarction in the same episode of care, assign a code for the myocardial infarction only.

However, if the patient develops postinfarction angina, I20.0 *Unstable angina* may be sequenced as an additional code.

• *Angina pectoris with documented spasm (I20.1)*

Coronary artery spasm results in decreased coronary blood flow and may occur spontaneously or may be induced by mechanical irritation from a coronary catheter, by exposure to cold, or by certain drugs. Spasm may occur both in normal and in stenosed coronary arteries. Arrythmias, angina pectoris and even myocardial infarction may occur as a result of spasm in the absence of obstructive coronary stenosis.[2]

Prinzmetal's variant angina is more likely to occur at rest than with effort and may occur at odd times during the day or night.[2]

• *Other forms of angina pectoris (I20.8)*

This code covers other types of angina including ischaemic chest pain and Grade I–III angina.

Note that unstable angina and Grade IV angina are classified to I20.0 *Unstable angina*.

Classification

The code for any type of angina should be sequenced before coronary atherosclerosis, if the patient is found to have this condition.[3]

Patients may have coronary artery disease without any symptoms of angina. In this case, angina is not coded.[3]

Many coders have traditionally regarded angina as a 'symptom' of atherosclerosis and have incorrectly sequenced atherosclerosis as the principal diagnosis, i.e. the underlying cause of angina. Although angina can be described as a symptom, it constitutes one of a group of 'symptoms' which are significant in their own right.[3]

Patients documented as having the current conditions of both ischaemic heart disease and angina can have both I25.9 *Chronic ischaemic heart disease, unspecified* and I20.9 *Angina pectoris, unspecified* assigned. Angina can be coded as an associated condition.

Acute myocardial infarction (I21)

Definition

Mechanism = arterial occlusion.

Acute myocardial infarction is an acute ischaemic condition, usually caused by occlusion of a coronary artery by thrombus at the site of atheromatous narrowing. The occlusion cuts off the blood supply to the area of myocardium supplied by the affected artery causing the cells in that area to die. The severity of the condition depends on how large a part of the myocardium is involved and may vary from a moderately serious illness to sudden death.

Classification

A myocardial infarction described as acute or with a duration of four weeks (28 days) or less from onset is classified to category I21 *Acute myocardial infarction*. Codes I21.0–I21.3 identify transmural infarctions.

Code I21.4 identifies subendocardial infarction, also known as non Q-wave or nontransmural. Subendocardial infarctions do not extend through the full thickness of the myocardial wall. On ECG, they create a pattern of widespread ST segment changes and these are difficult to site. I21.4 should be assigned alone for a subendocardial infarction. The site or wall affected is not coded.

Codes from category I21 *Acute myocardial infarction* should be assigned for an infarction in both the first hospital to which the patient is admitted for treatment and any other acute care facility to which the patient is transferred within 4 weeks (28 days) or less from onset of the infarction.

EXAMPLE

Hospital A – patient admitted for an initial episode of care for an acute anteroseptal myocardial infarction and subsequently transferred to another hospital on day 2. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Hospital B – patient transferred for further diagnostic workup or surgery and transferred back to Hospital A on day 20. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Hospital A – patient transferred back without being discharged from acute care and discharged home on day 24. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Subsequent myocardial infarction (I22)

This category should be assigned for infarction of any myocardial site, occurring within 4 weeks (28 days) from onset of a previous infarction.

Other acute and subacute forms of ischaemic heart disease (I24)

Definition

Mechanism = prolonged myocardial ischaemia, with or without myocardial necrosis.

• Coronary thrombosis not resulting in myocardial infarction (I24.0)

Prompt thrombolytic therapy and/or surgery may prevent an occlusion or thrombosis of the artery from leading to infarction.

• Dresslers' syndrome (I24.1)

Also known as post-infarction syndrome. This is considered to be a hypersensitivity reaction to myocardial infarction and is now rarely seen as the treatment of myocardial infarction has improved. It may occur 4–6 weeks following a myocardial infarction and is characterised by pericarditis, pericardial friction rub, and fever, with or without pneumonia.

Chronic ischaemic heart disease (I25)

This category includes such conditions as coronary atherosclerosis, chronic coronary insufficiency, myocardial ischaemia and aneurysm of the heart.

• Atherosclerotic heart disease (I25.1x)

Definition

These codes include conditions described as arteriosclerotic heart disease, coronary arteriosclerosis, coronary stricture, and coronary sclerosis or atheroma.

Mechanism = plaques of fatty deposits form in the inner layer (intima) of the arteries.[4] The build up of these plaques, or atheromas, cause the inner wall to become roughened and also cause the muscle walls to become rigid and inelastic. Narrowing of the lumen and hardening of the muscle wall decrease the rate at which blood can flow through the vessel and may lead to ischaemia of the tissues served by the vessel and the development of clots within the vessel itself.

Classification

The fifth character subdivision indicates the nature of the coronary artery involved. If it is clear from the documentation that there has been no previous coronary artery bypass surgery, assign code I25.11 *Atherosclerotic heart disease of native coronary artery.*

Atherosclerosis of a bypass graft is classified to I25.12 *Atherosclerotic heart disease of autologous bypass* graft or I25.13 *Atherosclerotic heart disease of nonautologous biological bypass graft.*

Embolism or occlusion of a bypass graft is classified to T82.8 *Other complications of cardiac and vascular prosthetic devices, implants and grafts.*

• Old (healed) myocardial infarction (I25.2)

I25.2 *Old myocardial infarction* is essentially a 'history of' code, even though it is not included in the Z code chapter. It should be assigned as an additional code only when it has some significance for the current episode of care as documented by the treating clinician.[1]

• Aneurysm of heart (I25.3) or coronary vessels (I25.4)

An aneurysm is a sac formed by the dilatation of a wall of the heart or coronary vessels. An aneurysm may be caused by atherosclerosis as it deforms and damages the muscle wall to the extent that it becomes weakened and develops an aneurysm.

• Ischaemic cardiomyopathy (I25.5)

Ischaemic cardiomyopathy is a term sometimes used to designate the condition in which ischaemic heart disease causes diffuse fibrosis or multiple infarctions and leads to heart failure with left ventricular dilatation.

Note that all other types of cardiomyopathy are coded to I42 *Cardiomyopathy* and I43 *Cardiomyopathy in diseases classified elsewhere.*

• Other forms of chronic ischaemic heart disease (I25.8)

Myocardial infarction described as 'chronic' or with a duration of more than four weeks (28 days) from onset is classified to I25.8 *Other forms of chronic ischaemic heart disease.*

• Chronic ischaemic heart disease, unspecified (I25.9)

This code is to be used as a last resort. If ischaemic heart disease (IHD) is documented as a problem in the current episode of care, and there have been no interventions such as CABGs or PTCAs with or without insertion of stent, then it is acceptable to code to the specificity of the disease (i.e. coronary atherosclerosis, I25.1x) as documented in an earlier angiogram report, when available.

However, where IHD is documented as a problem but there has been intervention, it is possible to assign both I25.1x *Atherosclerotic heart disease* and Z95.1 *Presence of aortocoronary bypass graft* or Z95.5 *Presence of coronary angioplasty implant and graft* if there is sufficient detail about the condition of both the previously treated grafts and the native vessels. If the detail is not available but the IHD is still stated to be a problem, I25.9 *Chronic ischaemic heart disease, unspecified* and Z95.1/Z95.2 may both be assigned.

If there is a history of previous coronary artery bypass surgery or coronary angioplasty and the ischaemic heart disease is not documented as a current problem, assign code Z95.1 *Presence of aortocoronary bypass graft* or Z95.5 *Presence of coronary angioplasty implant and graft* only.

References

1. Brown, F. (1996). ICD-9-CM *Coding Handbook, with Answers*. American Hospital Publishing, Inc, USA.
2. Krupp, M.A., & Chatton, M.J. (1984). *Current Medical Diagnosis and Treatment*. Lange Medical Publications, Los Altos, California.
3. NCCH. (1997). *Casemix, DRGs and Clinical Coding, Geriatric Medicine*. National Centre for Classification in Health, Sydney.
4. Miller-Keane. (1992). *Encyclopedia & Dictionary of Medicine Nursing and Allied Health*. (5th ed.). W.B. Saunders Company, Philadelphia.

p110

Revise

0904 CARDIAC ARREST

Cardiac or cardiorespiratory arrest (I46.x *Cardiac arrest*) should ~~only~~ be coded only if resuscitation intervention is undertaken, regardless of patient outcome. ~~Note~~ The available codes are:
I46.0 *Cardiac arrest with successful resuscitation*
I46.1 *Sudden cardiac death, so described*
I46.9 *Cardiac arrest, unspecified*

Cardiac arrest (I46.x *Cardiac arrest*) should not be sequenced as the principal diagnosis if the underlying cause is known.

p114 **0936 PACEMAKERS**

Definitions

Pulse generator

Add A pulse generator houses a battery, electronic circuitry and lead connector and may be placed in a subcutaneous 'pocket' created in either a subclavicular or intra-abdominal site.

p121 **1006 CONTINUOUS VENTILATORY SUPPORT**

Revise 3. **Assign additional code if tracheostomy** is performed with continuous ventilatory support:

p130 **1122 HELICOBACTER/CAMPYLOBACTER**

Delete A04.5 *Campylobacter enteritis* should be assigned ~~as an additional diagnosis code~~ for Campylobacter infections of the gastrointestinal tract.

p136 **1204 ELECTIVE PLASTIC SURGERY**

Elective removal of breast implants

Revise Breast implants are removed for physical or psychological reasons. Reasons include granulomas, chronic infections, breast tightening or anxiety and these conditions should be coded as ~~the principal diagnosis with an additional diagnosis of Z42.1 *Follow-up care involving plastic surgery of breast*. Z42.1 should only be assigned as the principal diagnosis when a more definitive diagnosis cannot be abstracted from the clinical record.~~ an additional diagnosis with the principal diagnosis of Z42.1 *Follow-up care involving plastic surgery of breast*.

p141 **1301 BACK STRAIN**

Revise If a diagnosis of 'back strain' is used to refer to a long standing injury, assign ~~a code from category~~ M54.5 *Low back pain* with late effect codes if applicable. Do not code as a current injury as indexed under 'strain' unless it is clear in the clinical record.

p142 **1343 EROSION OF KNEE**

Add Erosion of the knee is a term used to describe the roughness of the articular cartilage. Erosions may also be documented as 'changes grade *', * being equal to I, II, III or IV. Unless specified as erosion of the patella, erosion of knee should be coded to osteoarthritis of knee. The grading system should be coded as follows:

Revise

Erosion of the knee grades I–IV:	M17.0	*Primary gonarthrosis, bilateral* or
	M17.1	*Other primary gonarthrosis*

p143 **1346 PATELLO-FEMORAL COMPRESSION SYNDROME**

Revise Patello-femoral compression syndrome is a chronic subluxation or maltracking of the patella and should be assigned code M22.1 *Recurrent subluxation of patella*.

p143 **1328 RUPTURE FLEXOR TENDON**

Revise Ruptured flexor tendon of finger for resuture (not wound breakdown) should be coded as for new rupture and suture S56.1 *Injury of long flexor muscle and tendon of other finger(s) at forearm level* and the appropriate procedure code from block [1466] *Repair of tendon of hand* + complication code (if applicable).

p147 **1404 ADMISSION FOR RENAL DIALYSIS**

Revise **Same day and overnight episodes of care**

Add Code as principal diagnosis, Z49.1 *Care involving extracorporeal dialysis* for renal dialysis admissions where the patient is discharged on the same date as admission or on the next day after admission.

Revise **~~Overnight or longer~~ Multiday episodes of care**

Revise In cases where a dialysis patient's episode of care is ~~overnight or longer~~ multiday...

Revise Where a renal dialysis patient's episode of care is ~~overnight or longer~~ multiday...

p154

1535 REASON FOR INDUCTION

Delete ~~When an induction is performed, ensure that the reason for induction is coded.~~

Add Induction of labour is performed for many reasons (e.g. eclampsia, abnormal antenatal cardiotocography (CTG), previous antepartum haemorrhage, diabetes, intrauterine growth retardation (IUGR)). If no reason is documented, or the reason is stated as 'social' or 'elective' (i.e. no other codes from O00–O99 are assigned), and a normal vaginal delivery follows an induction, assign O80 *Single spontaneous delivery* as the principal diagnosis.

Delete ~~Note: if a normal vaginal delivery follows induction and no reason is documented, or the reason is stated as 'social' or 'elective' (i.e. no other codes from O00–O99 are assigned), assign O80 *Single spontaneous delivery* as the principal diagnosis.~~

See also ACS 1505 *Single spontaneous vaginal delivery* page 157.

p158

1520 MULTIPLE BIRTHS

In a multiple delivery, if the babies are delivered differently, both types of delivery should be coded.

Add

EXAMPLE

Premature twin delivery at 35 weeks, twin 1 delivered by breech extraction and twin 2, transverse position delivered by lower segment caesarean section (LSCS) due to obstruction.

Code:	O64.8	*Obstructed labour due to other malposition and malpresentation*
	O32.5	*Maternal care for multiple gestation with malpresentation of one fetus or more*
	O30.0	*Twin pregnancy*
	O60	*Preterm delivery*
	O09.5	*Duration of pregnancy 35 weeks*
	Z37.2	*Twins, both liveborn*
	16520-03 [1340]	*Emergency lower segment caesarean section*

p161

1526 HYPERTENSION IN PREGNANCY

Add Codes from categories O10–O16 *Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium* should not be assigned based on blood pressure readings only. Conditions such as 'pregnancy induced hypertension', 'pre-eclampsia' or 'pre-eclamptic toxaemia' must be documented in the clinical record.

p162

1529 PRECIPITATE LABOUR

Add Precipitate labour is difficult to define in terms of time because, although a delivery may appear to be very quick, the early signs of labour may have been overlooked. The code for precipitate labour should be assigned only where the clinician specifies 'precipitate'.

p162

~~1533 COMPLICATIONS OF OBSTETRIC PROCEDURES~~

Delete standard ~~Complications of obstetric procedures are classified within the Pregnancy, Childbirth, Puerperium chapter of ICD-10-AM (Volume 1) and **NOT** the Injury and Poisoning chapter.~~

~~An external cause code must be assigned with codes:~~
~~O86.0 *Infection of obstetric surgical wound*~~
~~O89.x *Complications of anaesthesia during the puerperium*~~
~~O90.0 *Disruption of caesarean section wound*~~
~~O90.1 *Disruption of perineal obstetric wound*~~
~~O90.2 *Haematoma of obstetric wound*~~

p172

1615 SPECIFIC INTERVENTIONS FOR THE SICK NEONATE

Phototherapy

Revise A code for phototherapy of the newborn should be assigned only when sustained phototherapy (>12 hours) is provided for the treatment of neonatal jaundice. ~~The appropriate codes are:~~ The procedure code is 90677-00 [1611] *Other phototherapy*.

Delete
~~14050-00 [1609] *Psoralens and ultraviolet A therapy of other site*~~
~~14050-01 [1610] *Ultraviolet B therapy of other site*~~
~~14050-02 [1610] *Narrow band ultraviolet B therapy of other site*~~
~~90677-00 [1611] *Other phototherapy*~~

LABEL

p183

1809 FEBRILE CONVULSIONS

Delete

~~Febrile convulsions (R56.0 *Febrile convulsions*) should be assigned as the principal diagnosis only for cases of 'simple' febrile convulsion (i.e. there is no significant underlying cause such as pneumonia, meningitis or other focus of infection). Where there is a documented underlying cause, the code for the underlying cause should be sequenced first, followed by R56.0 *Febrile convulsions*~~

Add

Definition

Febrile convulsions (febrile seizures) occur primarily in children from 6 months to 7 years old, in association with fever and generally without evidence of intracranial infection or other defined cause[1,3]. It is important to note that febrile convulsions do not occur in adults, and if a diagnosis of febrile convulsion is recorded for patients not meeting the age criteria for this standard, the clinician should be consulted for clarification.

Simple or benign febrile convulsions are clinically defined as brief (less than 15 minutes duration), solitary and generalised[1,3].

Non simple or complicated febrile convulsions are clinically defined as either focal in nature, having a duration of 15 minutes or longer, with associated focal neurological signs or are likely to recur 2 or more times in less than 24 hours[1,3].

The majority of febrile convulsions are simple and these convulsions require no treatment other than observation. The treatment for non simple febrile convulsions involves insertion of an IV cannula, administration of drugs to stop the seizure, and occasionally will include mechanical ventilation (because of drug-induced apnoea or ongoing seizures)[2]. However, all febrile convulsions are alarming and it is always necessary to rule out any underlying cause, such as epilepsy, encephalitis, intracerebral haemorrhage, gastroenteritis, otitis media, septicaemia, pneumonia or meningitis[2,3,4].

Clinical coders should be aware of the various terminology associated with febrile convulsions. The term 'febrile seizures' is synonymous with febrile convulsions. A 'fit', *where the fit is associated with fever (pyrexia)*, is also synonymous with febrile convulsions.

Classification

The distinction between simple (benign) and non simple (complicated) febrile convulsions does not have any bearing on their classification and is provided so that coders are aware of the significance of the clinical entity of febrile convulsions.

R56.0 *Febrile convulsions* should be assigned as the principal diagnosis in cases of febrile convulsions (simple or non simple) where no underlying cause is documented.

Where an underlying cause is documented, the principal diagnosis convention should be followed (*see* Standard 0001 *Principal diagnosis*, page 5).

References

1. Dr. Ralph Hanson, The New Children's Hospital, Sydney, Member of Acute Subcommittee of ACCC. [Personal communication].
2. Dr. Warwick Butt, The Royal Children's Hospital, Melbourne, Member of Acute Subcommittee of ACCC. [Personal communication].
3. Berkow, R., & Fletcher, A. (Eds.). (1992). *The Merck Manual of Diagnosis and Therapy*. (16th ed.). Merck & Co, Inc, New Jersey. (pages 1439,1444).
4. Rubenstein, E., & Federman, D. (Eds.). (1994). *Scientific American Medicine*. Scientific American, Inc, New York. (Chapter 7, XXIV, page 5, Chapter 11, XII, pages 5–6).

p187

1905 CLOSED HEAD INJURY/LOSS OF CONSCIOUSNESS/CONCUSSION

Revise

***Note:* if 'concussion', 'head injury' or 'closed head injury' is reported with ~~further~~ specification of a loss of consciousness, code the loss of consciousness only (S06.01–S06.04).**

p199

1909 ADULT AND CHILD ABUSE

Revise

Counselling for those affected by abuse, other than the victim

Code Z63.0 *Problems in relationship with spouse or partner* should be assigned when the admission is for counselling/advice or treatment for those affected by spouse or partner abuse other than the victim or offender.

p200

1913 HOSPITAL ACQUIRED WOUND INFECTION

Classification

Add

Code as T81.4 *Infection following a procedure, NEC* together with relevant complication external cause code from the range Y60–Y69 *Misadventures to patients during surgical and medical care*, Y70–Y82 *Medical devices associated with adverse incidents in diagnostic and therapeutic use* and Y83–Y84 *Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure.*

p 203

Revise

1912 SEQUELAE OF INJURIES, POISONING, TOXIC EFFECTS AND OTHER EXTERNAL CAUSES

EXAMPLE 3

Diagnosis Malunion following fracture of radius caused by fall from ladder at home while painting house

Codes:

	M84.03	*Malunion of fracture, forearm*
	T92.1	*Sequelae of fracture of forearm and upper arm*
	~~W11.03~~	~~*Fall on an from ladder, home, while engaged in other types of work*~~
	Y86	*Sequelae of other accidents*

p209

Revise

2001 EXTERNAL CAUSE CODE USE AND SEQUENCING

An external cause code ~~may be used in conjunction with any code in ICD-10-AM but~~ must be used with codes from S00–T98 and Z04.1–Z04.5 and for complications and abnormal reactions which are classified outside the Injury Chapter (S00–T98).

Add

More than one external cause code may be assigned if additional code/s are required to fully translate the diagnostic statement. External cause codes should be sequenced directly after the diagnosis code(s) to which they relate. Multiple external cause codes should be assigned with care to ensure that significant diagnosis codes are not removed in order to record extra external cause codes. *See* page 211 for codes not requiring an external cause code.

LABEL

p211, Add

Codes not requiring an external cause code

A range of conditions that are caused by external events are represented by certain codes within Chapters 1–18. Some of these codes do not require an external cause code to be assigned (see list on page 212). The external cause code is not required because the external cause information is embedded in the diagnosis code and therefore, the addition of an external cause code does not add any further information.

p212, Add table

CODE	DESCRIPTION
G97.0	Cerebrospinal fluid leak from spinal puncture
G97.1	Other reaction to spinal and lumbar puncture
G97.2	Intracranial hypotension following ventricular shunting
H59.0	Vitreous syndrome following cataract surgery
H95.0	Recurrent cholesteatoma of postmastoidectomy cavity
H95.1	Other disorders following mastoidectomy
I97.2	Postmastectomy lympho-oedema syndrome
J95.0	Tracheostomy malfunction
K91.4	Colostomy and enterostomy malfunction
K91.5	Postcholecystectomy syndrome
L23.0	Allergic contact dermatitis due to metals
L23.1	Allergic contact dermatitis due to adhesives
L23.2	Allergic contact dermatitis due to cosmetics
L23.4	Allergic contact dermatitis due to dyes
L23.5	Allergic contact dermatitis due to other chemical products
L23.6	Allergic contact dermatitis due to food in contact with skin
L23.7	Allergic contact dermatitis due to plants, except food
L24.0	Irritant contact dermatitis due to detergents
L24.1	Irritant contact dermatitis due to oils and greases
L24.2	Irritant contact dermatitis due to solvents
L24.3	Irritant contact dermatitis due to cosmetics
L24.5	Irritant contact dermatitis due to other chemical products
L24.6	Irritant contact dermatitis due to drugs in contact with skin
L24.7	Irritant contact dermatitis due to plants, except food
L24.8	Irritant contact dermatitis due to other agents
L25.0	Unspecified contact dermatitis due to cosmetics
L25.2	Unspecified contact dermatitis due to dyes
L25.3	Unspecified contact dermatitis due to other chemical products
L25.4	Unspecified contact dermatitis due to food in contact with skin
L25.5	Unspecified contact dermatitis due to plants, except food
L25.8	Unspecified contact dermatitis due to other agents
L55.0	Sunburn, erythema
L55.1	Sunburn, partial thickness
L55.2	Sunburn, full thickness
L55.8	Other sunburn
L55.9	Sunburn, unspecified
L56.2	Photocontact dermatitis [berloque dermatitis]

L56.3	Solar urticaria
L56.4	Polymorphous light eruption
L56.8	Other specified acute skin changes due to ultraviolet radiation
L56.9	Acute skin change due to ultraviolet radiation, unspecified
L57.0	Actinic keratosis
L57.1	Actinic reticuloid
L57.2	Cutis rhomboidalis nuchae
L57.3	Poikiloderma of Civet
L57.4	Cutis laxa senilis
L57.5	Actinic granuloma
L57.8	Other skin changes due to chronic exposure to nonionizing radiation
L57.9	Skin changes due to chronic exposure to nonionizing radiation, unspecified
M80.1 [0–9]	Postoophorectomy osteoporosis with pathological fracture
M81.1 [0–9]	Postoophorectomy osteoporosis
M96.0	Pseudarthrosis after fusion or arthrodesis
M96.1	Postlaminectomy syndrome, not elsewhere classified
M96.2	Postradiation kyphosis
M96.3	Postlaminectomy kyphosis
M96.5	Postradiation scoliosis
M96.6	Fracture of bone following insertion of orthopaedic implant, joint prosthesis, or bone plate
N99.3	Prolapse of vaginal vault after hysterectomy
N99.5	Malfunction of external stoma of urinary tract
O29.3	Toxic reaction to local anaesthesia during pregnancy
O29.4	Spinal and epidural anaesthesia-induced headache during pregnancy
O29.5	Other complications of spinal and epidural anaesthesia during pregnancy
O29.6	Failed or difficult intubation during pregnancy
O34.2	Maternal care due to uterine scar from previous surgery
O74.0	Aspiration pneumonitis due to anaesthesia during labour and delivery
O74.1	Other pulmonary complications of anaesthesia during labour and delivery
O74.2	Cardiac complications of anaesthesia during labour and delivery
O74.3	Central nervous system complications of anaesthesia during labour and delivery
O74.4	Toxic reaction to local anaesthesia during labour and delivery
O74.5	Spinal and epidural anaesthesia-induced headache during labour and delivery
O74.6	Other complications of spinal and epidural anaesthesia during labour and delivery
O74.7	Failed or difficult intubation during labour and delivery
O74.8	Other complications of anaesthesia during labour and delivery
O74.9	Complication of anaesthesia during labour and delivery, unspecified
O86.0	Infection of obstetric surgical wound
O89.0	Pulmonary complications of anaesthesia during the puerperium
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O89.3	Toxic reaction to local anaesthesia during the puerperium
O89.4	Spinal and epidural anaesthesia-induced headache during the puerperium
O89.5	Other complications of spinal and epidural anaesthesia during the puerperium
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P10.2	Intraventricular haemorrhage due to birth injury
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P11.5	Birth injury to spine and spinal cord
P11.9	Birth injury to central nervous system, unspecified
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P13.9	Birth injury to skeleton, unspecified
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P14.9	Birth injury to peripheral nervous system, unspecified
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APPENDIX

Volume 1, p75, replace E16.8 to E16.88

E16.4 Abnormal secretion of gastrin
Hypergastrinaemia
Zollinger-Ellison syndrome

E16.8 Other specified disorders of pancreatic internal secretion
Increased secretion from endocrine pancreas of:
- growth hormone-releasing hormone
- pancreatic polypeptide
- somatostatin
- vasoactive-intestinal polypeptide

Errata 1

Volume 4, p65, replace ***Electrodessication*** *to* ***Electrodiagnosis***

Electrodessication
- lesion
- - skin (subcutaneous tissue)
- - - benign
- - - - multiple lesions 30195-06 **[1612]**
- - - - single lesion 30192-00 **[1613]**
- - - premalignant 30192-00 **[1613]**

Electrodestruction
- fallopian tube (laparoscopic) 35688-03 **[1257]**
- - via laparotomy 35688-04 **[1257]**

Electrodiagnosis
- neuromuscular — *see* Study, conduction, neuromuscular

Errata 1

Volume 4, p65, Column 2, replace whole column

Electroencephalography (EEG) 11000-00 **[1829]**
- ≥ 3 hours duration 11003-00 **[1829]**
- - cortex 11009-00 **[1829]**
- - - temporosphenoidal 11006-00 **[1829]**
- monitoring (radiographic) (video) 92011-00 **[1829]**
- temporosphenoidal 11006-00 **[1829]**

Electrohydraulic shock wave therapy
- for fragmentation of calculus (stone)
- - kidney
- - - via percutaneous nephroscopy (≤ 2 calculi) 36639-00 **[1045]**
- - - - 1 calculus > 3cm in diameter 36645-00 **[1045]**
- - - - ≥ 3 calculi 36645-00 **[1045]**
- - ureter 36809-00 **[1073]**

Electrolysis
- eyelid
- - for correction of trichiasis
- - - both eyes 42587-05 **[238]**
- - - one eye 42587-04 **[238]**

Electromyography (EMG) 11012-00 **[1830]**
- with
- - nerve conduction study — *see* Study, conduction, neuromuscular
- - quantitative computerised analysis 11021-00 **[1830]**
- - - with repetitive neuromuscular conduction studies 11021-02 **[1830]**
- - - of pelvic floor and anal sphincter muscles 11833-01 **[1866]**
- anal sphincter 11833-01 **[1866]**
- pelvic floor 11833-01 **[1866]**
- urethral sphincter
- - with
- - - cystometrography 11915-00 **[1869]**
- - - - with other simultaneous measurement 11918-00 **[1869]**
- - - profilometry of urethral pressure 11909-00 **[1870]**
- - - - with cystometrography 11918-00 **[1869]**

Electronystagmography (ENG) 11339-00 **[1836]**

Electro-oculography (EOG) (bilateral) (unilateral) 11206-01 **[1836]**
- with electroretinography 11209-00 **[1836]**

Electroretinography (ERG) (bilateral) (unilateral) 11206-01 **[1836]**
- with electro-oculography 11209-00 **[1836]**

Electroshock therapy (≤ 8 treatments) (ECT) 93340-00 **[1827]**
- > 8 treatments 93340-01 **[1827]**

Electrotherapy (diathermy) (electrodessication) (fulguration) (galvanocautery)
- dental 97952-00 **[488]**
- lesion
- - skin (subcutaneous tissue)
- - - benign
- - - - multiple lesions 30195-07 **[1612]**
- - - - single lesion 30195-06 **[1612]**
- - - premalignant 30192-00 **[1613]**

Elevation
- bone fragments (fractured)
- - sinus (nasal)
- - - frontal 41737-00 **[389]**
- - - maxillary 41716-04 **[389]**

Errata 1

Volume 4, p66, Column 1, replace whole column

Elevation — *continued*
- bone fragments (fractured) — *continued*
- - skull
- - - closed 39606-00 **[25]**
- - - compound (open) 39609-01 **[25]**
- - - - with repair of dura and brain 39612-00 **[25]**
- - spine
- - - with
- - - - decompressive laminectomy for spinal canal stenosis (anterior) (posterior)
- - - - - one level 40303-02 **[48]**
- - - - - ≥ 2 levels 40306-00 **[48]**
- - - - reduction of
- - - - - dislocation — *see* Reduction, dislocation, spine, open
- - - - - fracture — *see* Reduction, fracture, spine , open
- - zygoma (open) 47762-00 **[1368]**
- - - with
- - - - external fixation
- - - - - one site 47765-01 **[1368]**
- - - - - two sites 47768-00 **[1368]**
- - - - - three sites 47771-00 **[1368]**
- - - - internal fixation
- - - - - one site 47765-01 **[1368]**
- - - - - two sites 47768-01 **[1368]**
- - - - - three sites 47771-01 **[1368]**
- eyebrow, for paretic states 42872-00 **[236]**
- fracture
- - sinus (nasal)
- - - frontal 41737-00 **[389]**
- - - maxillary 41716-04 **[389]**
- - skull
- - - closed 39606-00 **[25]**
- - - compound (open) 39609-01 **[25]**
- - - - with repair of dura and brain 39612-00 **[25]**
- - zygoma (open) 47762-00 **[1368]**
- - - with
- - - - external fixation
- - - - - one site 47765-00 **[1368]**
- - - - - two sites 47768-00 **[1368]**
- - - - - three sites 47771-00 **[1368]**
- - - - internal fixation
- - - - - one site 47756-01 **[1368]**
- - - - - two sites 47768-01 **[1368]**
- - - - - three sites 47771-01 **[1368]**
- mucosal lining
- - with bone graft to floor of maxillary sinus 53019-00 **[388]**

Elongation — *see* Lengthen
Embolectomy
Embolectomy
- artery
- - axillary 33806-00 **[702]**
- - - bypass 33806-12 **[703]**
- - brachial 33806-01 **[702]**
- - - bypass 33806-12 **[703]**
- - carotid 33800-00 **[702]**

Errata 1

Volume 4, p151, Column 1, replace whole column

Mastoidectomy (cortical) (simple) 41545-00 **[323]**
- with
- - decompression of endolymphatic sac (without shunt) 41590-00 **[330]**
- - - with shunt 41590-01 **[330]**
- - insertion of cochlear prosthetic device (multiple channel) (single channel) 41617-00 **[329]**
- - partial resection of temporal bone 41584-00 **[324]**
- - - and decompression of facial nerve 41584-01 **[324]**
- - removal of glomus tumour 41623-00 **[312]**
- - tympanoplasty — *see* Mastoidectomy, by type, with myringoplasty
- intact canal wall technique (with atticotomy)
- - with myringoplasty 41551-00 **[325]**
- - - and ossicular chain reconstruction (graft) (prosthesis) 41554-00 **[326]**
- modified radical 41557-00 **[323]**
- - with
- - - closure of external auditory canal
- - - - and obliteration of mastoid cavity and eustachian tube 41564-00 **[323]**
- - - myringoplasty 41560-00 **[325]**
- - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**
- - - obliteration of mastoid cavity and eustachian tube
- - - - and closure of external auditory canal 41564-00 **[323]**
- radical 41557-01 **[323]**
- - with
- - - closure of external auditory canal
- - - - and obliteration of mastoid cavity and eustachian tube 41564-01 **[323]**
- - - myringoplasty 41560-01 **[325]**
- - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-01 **[326]**
- - - obliteration of mastoid cavity and eustachian tube
- - - - and closure of external auditory canal 41564-01 **[323]**
- - modified 41557-00 **[323]**
- - - with
- - - - closure of external auditory canal
- - - - - and obliteration of mastoid cavity and eustachian tube 41564-00 **[323]**
- - - - myringoplasty 41560-00 **[325]**
- - - - - and ossicular chain reconstruction (graft) (prosthesis) 41563-00 **[326]**
- - - - obliteration of mastoid cavity and eustachian tube
- - - - - and closure of external auditory canal 41564-00 **[323]**
- revision
- - intact canal wall technique (with myringoplasty) 41566-00 **[327]**
- - modified radical (with myringoplasty) 41566-01 **[327]**
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- - - modified (with myringoplasty) 41566-01 **[327]**

Mastoidotomy 41557-03 **[322]**
Mastopexy 90720-00 **[1759]**
Mastotomy 30364-00 **[1742]**
Maxillectomy — *see* Resection, bone, maxilla
Maxillotomy — *see* Osteotomy, maxilla
Meal
- opaque (barium) (with preliminary plain film)
- - duodenum 58909-00 **[1975]**
- - - with
- - - - oesophagus and stomach
- - - - - and follow through to colon 58912-00 **[1975]**
- - - - - - with screening radiography of chest 58912-01 **[1975]**
- - - - screening radiography of chest 58909-01 **[1975]**
- - oesophagus 58909-00 **[1975]**
- - - with
- - - - screening radiography of chest 58912-01 **[1975]**
- - - - stomach and duodenum
- - - - - and follow through to colon 58912-00 **[1975]**
- - - - - - with screening radiography of chest 58912-01 **[1975]**
- - pharynx 58909-00 **[1975]**
- - - with screening radiography of chest 58909-01 **[1975]**
- - small intestine NEC 58915-00 **[1975]**
- - stomach 58909-00 **[1975]**
- - - with
- - - - oesophagus and duodenum
- - - - - and follow through to colon 58912-00 **[1975]**
- - - - - - with screening radiography of chest 58912-01 **[1975]**
- - - - screening radiography of chest 58909-01 **[1975]**

Measurement
- airway resistance 11503-13 **[1847]**
- anorectal sensation 11830-01 **[1866]**
- blood flow (velocities)
- - cardiac valves
- - - by ultrasound — *see* Ultrasound, heart
- - umbilical
- - - by ultrasound 55058-00 **[1943]**
- bone density — *see* Densitometry, bone
- carbon monoxide diffusing capacity 11503-11 **[1847]**

Errata 1

Volume 4, p261, Column 1, replace whole column

UFR (uroflowmetry) — *see* Study, urine flow
Ultrasonography — *see* Ultrasound
Ultrasound (diagnostic) (scan) 55056-00 **[1950]**
- for
- - detection of fetal abnormality 55040-00 **[1943]**
- - fetal growth measurement 55040-01 **[1943]**
- - gravid uterus NEC 55040-02 **[1943]**
- - intra-uterine echography 55040-01 **[1943]**
- - placental localisation 55040-02 **[1943]**
- - staging of intra-abdominal tumour 30441-00 **[1949]**
- with
- - assisted reproductive services (GIFT) (IVF)
- - - using
- - - - drugs to induce superovulation 13200-00 **[1297]**
- - - - - clomiphene citrate 13206-00 **[1297]**
- - - - unstimulated ovulation 13206-00 **[1297]**
- - synchronous surgical procedure using interventional techniques 55054-00 **[1949]**
- - - for staging of intra-abdominal tumour 30441-00 **[1949]**
- - - biliary tract 30439-02 **[1949]**
- abdomen, abdominal 55036-00 **[1943]**
- - for pregnancy related condition NEC 55040-02 **[1943]**
- - - detection of fetal abnormality 55040-00 **[1943]**
- - - fetal growth measurement 55040-01 **[1943]**
- - - localisation of placenta 55040-02 **[1943]**
- - with urinary tract 55036-00 **[1943]**
- - - intra-operative 55054-00 **[1949]**
- - - - for staging of intra-abdominal tumour 30441-00 **[1949]**
- - - - biliary tract 30439-02 **[1949]**
- - intra-abdominal, intra-operative
- - - for staging of tumour 30441-00 **[1949]**
- - intra-operative 55054-00 **[1949]**
- - - for staging of intra-abdominal tumour 30441-00 **[1949]**
- - - biliary tract 30439-02 **[1949]**
- - vessels — see Ultrasound, vessels, intra-abdominal
- artery — see *also* Ultrasound, vessels
- - penis 55282-00 **[1947]**
- biliary tract 55036-00 **[1943]**
- - intra-operative 30439-02 **[1949]**
- bladder (base)
- - with prostate and urethra (transrectal) 55300-00 **[1943]**
- breast (bilateral) (unilateral) 55034-00 **[1941]**
- cardiac — *see* Ultrasound, heart
- cephalometry, fetus 55040-01 **[1943]**
- duplex — *see* Ultrasound, by site
- eye (orbital contents) 55030-00 **[1940]**
- - unidimensional 55055-00 **[1940]**
- fragmentation of calculus (stone)
- - kidney
- - - via percutaneous nephroscopy (≤ 2 calculi) 36639-00 **[1045]**
- - - - 1 calculus > 3cm in dia. 36645-00 **[1045]**
- - - - ≥ 3 calculi 36645-00 **[1045]**
- - ureter 36809-00 **[1073]**
- gravid uterus — *see* Ultrasound, pelvis, female, for pregnancy related condition
- head 55028-00 **[1940]**
- - orbital contents 55030-00 **[1940]**
- - - unidimensional 55055-00 **[1940]**
- heart (continuous wave) (Doppler) (pulsed wave) (two dimensional real time)
- - thoracic (M-mode) (thoracic windows)
- - - with measurement of
- - - - blood flow velocities across cardiac valves 55112-00 **[1942]**
- - - - - and real time colour flow mapping 55112-00 **[1942]**
- - - - cardiac dimensions 55112-00 **[1942]**

Errata 1

Volume 4, p261, Column 2, replace whole column

Ultrasound (diagnostic) (scan) — ***continued***
- heart (continuous wave) (Doppler) (pulsed wave) (two dimensional real time) — ***continued***
- - transoesophageal (oesophageal windows) 55118-00 **[1942]**
- - - performed during cardiac surgery 55130-00 **[1942]**
- high intensity focused
- - prostate (HIFUS) (transrectal) 37200-02 **[1166]**
- intra-abdominal — *see* Ultrasound, abdomen
- intra-operative 55054-00 **[1949]**
- - for staging of intra-abdominal tumour 30441-00 **[1949]**
- - of biliary tract 30439-02 **[1949]**
- intrathoracic — *see* Ultrasound, thoracic
- intra-uterine
- - for fetal growth measurement 55040-01 **[1943]**
- joint 55052-00 **[1950]**
- musculoskeletal 55050-00 **[1950]**
- - joint 55052-00 **[1950]**
- neck 55032-00 **[1940]**
- - carotid vessels — see Ultrasound, vessels, carotid
- orbital contents 55030-00 **[1940]**
- - unidimensional 55055-00 **[1940]**
- pelvis
- - female 55042-00 **[1943]**
- - - for pregnancy related condition NEC 55040-02 **[1943]**
- - - - detection of fetal abnormality 55040-00 **[1943]**
- - - - fetal growth measurement 55040-01 **[1943]**
- - - - localisation of placenta 55040-02 **[1943]**
- - male 55044-00 **[1943]**
- pelvimetry 55040-02 **[1943]**
- penis
- - artery (carvernosal) (dorsal) 55282-00 **[1947]**
- - cavernosal tissue 55284-00 **[1947]**
- pregnancy related condition — *see* Ultrasound, pelvis, female
- prostate
- - with bladder base and urethra (transrectal) 55300-00 **[1943]**
- - high intensity focused (HIFUS) (transrectal) 37200-02 **[1166]**
- scrotum 55048-00 **[1943]**
- specified site NEC 55056-00 **[1950]**
- - vessels NEC 55286-00 **[1948]**
- transrectal
- - prostate, bladder base and urethra 55300-00 **[1943]**
- umbilical blood flow (continuous wave) (Doppler) (pulsed wave) 55058-00 **[1943]**
- urethra
- - with bladder base and prostate (transrectal) 55300-00 **[1943]**
- urinary tract 55038-00 **[1943]**
- - with abdomen 55036-00 **[1943]**
- - bladder base and prostate and urethra, transrectal 55300-00 **[1943]**
- uterus
- - gravid — *see* Ultrasound, pelvis, female, for pregnancy related condition
- vessels 55286-00 **[1948]**
- - aorta
- - - duplex (B-mode) (Doppler)
- - - - with
- - - - - iliac vessels, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - inferior vena cava, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - renal vessels 55278-00 **[1945]**
- - - - - visceral vessels 55278-00 **[1945]**

Errata 1

Ultrasound (diagnostic) (scan) — ***continued***
- vessels — ***continued***
- - carotid (bilateral) (unilateral)
- - - duplex (B-mode) (Doppler)
- - - - with extracranial and vertebral vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
- - extracranial (bilateral) (unilateral)
- - - duplex (B-mode) (Doppler)
- - - - with carotid and vertebral vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
- - intracranial
- - - duplex (B-mode) (Doppler) 55280-00 **[1944]**
- - iliac
- - - duplex (B-mode) (Doppler)
- - - - with
- - - - - aorta, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - inferior vena cava, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - renal vessels 55278-00 **[1945]**
- - - - - visceral vessels 55278-00 **[1945]**
- - inferior vena cava
- - - duplex (B-mode) (Doppler)
- - - - with
- - - - - aorta, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - iliac vessels, and
- - - - - - intra-abdominal vessels 55276-00 **[1945]**
- - - - - - renal or visceral vessels 55278-00 **[1945]**
- - - - - renal vessels 55278-00 **[1945]**
- - - - - visceral vessels 55278-00 **[1945]**
- - intra-abdominal
- - - duplex (B-mode) (Doppler)
- - - - with aorta and iliac vessels 55276-00 **[1945]**
- - limb
- - - duplex (B-mode) (Doppler)
- - - - lower
- - - - - arteries (unilateral) 55238-00 **[1946]**
- - - - - - bilateral 55256-00 **[1946]**
- - - - - bypass graft (artery) (unilateral) (vein) 55238-00 **[1946]**
- - - - - - bilateral 55256-00 **[1946]**
- - - - - veins (unilateral) 55244-00 **[1946]**
- - - - - - bilateral 55262-00 **[1946]**
- - - - upper
- - - - - arteries (unilateral) 55248-00 **[1946]**
- - - - - - bilateral 55266-00 **[1946]**
- - - - - bypass graft (artery) (unilateral) (vein) 55248-00 **[1946]**
- - - - - - bilateral 55266-00 **[1946]**
- - - - - veins (unilateral) 55252-00 **[1946]**
- - - - - - bilateral 55270-00 **[1946]**
- - renal
- - - duplex (B-mode) (Doppler) (with duplex ultrasound of aorta, inferior vena cava or iliac vessels) 55278-00 **[1945]**
- - specified NEC
- - - duplex (B-mode) (Doppler) 55286-00 **[1948]**
- - vertebral (bilateral) (unilateral)
- - - duplex (B-mode) (Doppler)
- - - - with extracranial and carotid vessels (with duplex ultrasound of innominate and subclavian vessels) (with oculoplethysmography) (with peri orbital Doppler examination) 55274-00 **[1944]**
- - visceral
- - - duplex (B-mode) (Doppler) (with duplex ultrasound of aorta, inferior vena cava or iliac vessels) 55278-00 **[1945]**

Unroofing
- cyst
- - renal (open) 36558-01 **[1054]**
- - - via laparoscopy (closed) 36558-00 **[1054]**

Errata 1

1944 **Duplex ultrasound of cranial, carotid or vertebral vessels**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

55274-00 Duplex ultrasound of extracranial, carotid and vertebral vessels

Includes: duplex ultrasound of:
- innominate vessels
- subclavian vessels

oculoplethysmography
peri-orbital Doppler examination

55280-00 Duplex ultrasound of intracranial vessels

1945 **Duplex ultrasound of intrathoracic or intra-abdominal vessels**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [**1949**])

55276-00 Duplex ultrasound of intra-abdominal, aorta and iliac arteries and/or inferior vena cava and iliac veins

Excludes: that for pregnancy related condition (55040, 55058 [**1943**])

55278-00 Duplex ultrasound of renal and/or visceral vessels

Includes: duplex ultrasound of:
- aorta
- iliac vessels
- inferior vena cava

Excludes: that for pregnancy related condition (55040, 55058 [**1943**])

1946 **Duplex ultrasound of limb**

Includes: that involving B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [**1949**])

55248-00 Duplex ultrasound of arteries or bypass grafts in upper limb, unilateral

55266-00 Duplex ultrasound of arteries or bypass grafts in upper limb, bilateral

Errata 1

55252-00 Duplex ultrasound of veins in upper limb, unilateral

Excludes: duplex ultrasound of venous bypass graft in upper limb (55248-00 [**1946**])

55270-00 Duplex ultrasound of veins in upper limb, bilateral

Excludes: duplex ultrasound of venous bypass graft in upper limb (55266-00 [**1946**])

55238-00 Duplex ultrasound of arteries or bypass grafts in lower limb, unilateral

55256-00 Duplex ultrasound of arteries or bypass grafts in lower limb, bilateral

55244-00 Duplex ultrasound of veins in lower limb, unilateral

Excludes: duplex ultrasound of venous bypass graft in lower limb (55238-00 [**1946**])

55262-00 Duplex ultrasound of veins in lower limb, bilateral

Excludes: duplex ultrasound of venous bypass graft in lower limb (55256-00 [**1946**])

1947 **Duplex ultrasound of artery or cavernosal tissue of penis**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [**1949**])

55282-00 Duplex ultrasound of artery of penis

Includes: cavernosal artery
dorsal artery

55284-00 Duplex ultrasound of cavernosal tissue of penis

1948 **Duplex ultrasound of other vessels**

Includes: B-mode ultrasound imaging and integrated Doppler flow measurement by spectral analysis

Excludes: intra-operative ultrasound (55054 [**1949**])

55286-00 Duplex ultrasound of vessels of other sites
Duplex ultrasound of vessels NOS

Errata 1

AUSTRALIAN CODING STANDARDS

ORGAN/TISSUE PROCUREMENT AND TRANSPLANTATION TABLE

ORGAN/TISSUE	NON-AUTOLOGOUS DONATION Dx CODE	PROCUREMENT PROCEDURE CODE		TRANSPLANTATION PROCEDURE CODE	
Blood, whole	Z52.00			Block [1861]	*Transfusion of blood and gammaglobulin*
Blood, stem cells	Z52.01	13750-05 [1859]	*Apheresis of stem cells with cryopreservation*	13706-08 [802]	*Autologous haematopoietic stem cell transplantation*
		13750-04 [1859]	*Apheresis of stem cells*		
Blood, other products	Z52.08	Block [1859]	*Collection or processing of blood*	Block [1861]	*Transfusion of blood and gammaglobulin*
Skin	Z52.1	90669-00 [1634]	*Excision of skin for graft*	Appropriate code from blocks [1637] to [1650]	
Bone	Z52.2	Block [1563]	*Other excision procedures on bone of other musculoskeletal sites*	*See* index to procedures - 'Graft, bone, by site'	
Bone marrow	Z52.3	13700-00 [801]	*Procurement of bone marrow for transplantation*	Block [802]	*Bone marrow* or *haematopoietic stem cell transplantation*
Kidney	Z52.4	Block [1049]	*Complete nephrectomy for transplantation*	Block [1057]	*Renal transplantation*
Cornea	Z52.5	42506-00 [161]	*Enucleation of eyeball without implant*	Block [173]	*Keratoplasty*
Limbal stem cells	Z52.8	42683-00 [254]	*Excision of lesion or tissue of conjunctiva*	90065-00 [174]	*Limbal stem cell transplantation*
Liver	Z52.6	90346-00 [953]	*Total hepatectomy*	90317-00 [954]	*Transplantation of liver*
Heart	Z52.8	90204-00 [659]	*Removal of donor heart for transplantation*	90205-00 [660]	*Heart transplantation*
Lung	Z52.8	38438-03 [553]	*Removal of donor lung for transplant*	Block [555]	*Transplantation of lung*
Heart and lung	Z52.8	90204-01[659]	*Removal of donor heart and lung for transplantation*	90205-01 [660]	*Heart and lung transplantation*
Pancreas	Z52.8	Block [978]	*Pancreatectomy*	90324-00 [981]	*Transplantation of pancreas*

0031 GENERAL ANAESTHESIA

Assign the appropriate code for general anaesthesia in addition to the main procedure code if the clinician indicates that a general anaesthetic was administered to facilitate the performance of a procedure where it is expected that the patient will be unlikely to cooperate e.g. CT scan, dental extraction, dressings, endoscopy, pacemaker implant, pap smear, plaster application or radiotherapy. This would cover situations involving both paediatric patients and adult patients with intellectual impairment.

92502-00 [1896] *Intravenous anaesthesia*
92502-01 [1896] *Inhalational anaesthesia*
92502-02 [1896] *Intravenous and inhalational anaesthesia*
[487] *Anaesthesia and sedation for dental procedure*

Note: *See also* Standard 0016 *General, procedures* to be coded, page 27.

Errata 1

Volume 5, p36, ***Standard 0032 Allied health****, replace from current* ***EXAMPLE 1*** *down to end of page (see errata p49 for clarification)*

Classification

1. As a rule, it is only necessary to assign the general code/s [block 2140] for allied health intervention/s. However, if there is a need to collect more specific data on allied health interventions at the local level, then assignment of the general category code and/or specific codes [blocks 2050–2139] is allowable.

2. The general code representing a professional group should be assigned once only for an episode of care, regardless of the number of specific interventions performed by the relevant professional.

3. If assigning specific codes, and the same intervention is performed more than once during an episode of care, assign the appropriate code, once only.

EXAMPLE 1:
An inpatient is seen by a physiotherapist (5 interventions performed), a social worker (2 interventions performed) and a dietitian (1 intervention performed) during an episode of care, assign:

95550-03 [2140] *Allied health intervention, physiotherapy*
95550-01 [2140] *Allied health intervention, social work*
95550-00 [2140] *Allied health intervention, dietetics*

▶

Errata 1

Volume 5, p37, add to top of page

When more specificity is required, assign the appropriate code/s from blocks [2050] to [2139].

EXAMPLE 2:
An occupational therapist provided perceptual training, sensory integration and education on sensory motor function during the episode of care. The physiotherapist manipulated and mobilised the knee joint.

General codes
95550-02 [2140] *Allied health intervention, occupational therapy*
95550-03 [2140] *Allied health intervention, physiotherapy*
OR
Specific codes
95101-01 [2060] *Perceptual training or retraining, occupational therapy*
95101-03 [2060] *Sensory integration, occupational therapy*
95101-07 [2060] *Education and advice on sensory motor function, occupational therapy*
95151-03 [2065] *Manipulation, physiotherapy*
95151-04 [2065] *Mobilisation of joint, physiotherapy*

Note: A combination of codes from (1) and (2) may be assigned, however, for consistency of morbidity data it is advisable to routinely assign general codes only.

Errata 1

Volume 5, p84, add after ***Standard 0525 Rehabilitation and detoxification***

Errata 1

0520 FAMILY HISTORY OF MENTAL ILLNESS

Z81.x *Family history of mental and behavioural disorders* is never assigned because:

- It is difficult to ascertain whether there is in fact a family history.
- The recording of a family history of mental illness as part of a classification of diagnosis is seen as contributing towards the stigma associated with mental illness.
- Where a patient has a non-psychiatric disorder, the fact that the family has a history of mental illness is of no relevance.
- Where a patient has a psychiatric disorder, there is no reason to record whether or not the family has a history of mental illness.
- Where family data is required for mental health research or epidemiological studies, a dedicated sample would be more appropriate as a routine collection of information would be difficult.

Volume 5, p50, add after ***Standard 0111 Hospital acquired bacteraemia***

Errata 1

0104 VIRAL HEPATITIS AND VIRAL HEPATITIS CARRIER STATUS

Definition

Viral hepatitis is an inflammatory and necrotic disease of liver cells. Viruses A, B, C, D, and E may result in acute viral hepatitis. Acute viral hepatitis infections with viruses B, C and D may progress to chronic viral hepatitis[1].

Viral hepatitis that lasts for more than 6 months is generally defined as 'chronic', however, this definition is arbitrary[2]. Chronic viral hepatitis is an unresolving disease that is traditionally characterised into two types: chronic active and chronic persistent. Chronic active viral hepatitis is a variably progressive disease that ultimately results in cirrhosis and hepatic failure. Chronic persistent viral hepatitis, on the other hand, seldom progresses, even though hepatic cell necrosis may occur for decades. The distinction between the two forms of chronic viral hepatitis can only be determined following a liver biopsy[3].

Patients with chronic viral hepatitis often have abnormal liver function tests. An indication of chronic viral hepatitis is a raised level of alanine transaminase, although this may also be due to other causes such as alcohol. Generally, patients with chronic viral hepatitis are followed up biannually with blood tests. Neonates of mothers who have chronic hepatitis B or are hepatitis B carriers are at risk of transmission and should be immunised soon after birth (within 24 hours). Neonates of mothers who have chronic hepatitis C or are hepatitis C carriers have a less than 5% risk of infection.

Generally, after an infection with a pathogenic organism, a person will develop antibodies to the pathogenic organism. Antibodies to certain infectious diseases can also be produced by vaccination. In these people, future blood tests demonstrating the antibodies will indicate past infection or immunisation. Such people are not regarded as 'carriers'. A carrier is a person who does not manifest symptoms but harbours the organism and may infect others[4]. It is important to understand the distinction between a person who is a carrier of an infectious disease (an infection risk) and a person whose antibody results indicate past infection or immunisation to an infectious disease (not an infection risk). The role of antibody tests in distinguishing between carrier status and past infection varies depending on the infection[5].

Errata 1

Hepatitis A

Definition

Hepatitis A is a disease which is quite contagious and is transmitted enterically (faeco-oral route). Transmission within families is common. In developing countries, the usual source of infection is faecal contamination of drinking water.

The hepatitis A virus (HAV) is detected by two antibody tests[5,6]:

1. IgM antibody: positive result indicates recent infection.
2. IgG antibody (anti-HA): positive result indicates past infection (previous exposure to HAV) or immunity through vaccination.

HAV is never a chronic infection. There is no known carrier state and HAV plays no role in chronic active hepatitis or cirrhosis[2].

Classification

Hepatitis A is coded as: B15.0 *Hepatitis A with hepatic coma* or B15.9 *Hepatitis A without hepatic coma*.

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where hepatitis A complicates the pregnancy, childbirth or puerperium.

Hepatitis B

Definition

Hepatitis B manifests as an acute illness but may progress to a chronic infection. The hepatitis B virus (HBV) is transmitted by infected body secretions; blood and blood products, saliva, urine, semen and cervical secretions. Generally, following an acute infection with HBV, the majority of patients will recover; they will not develop chronic hepatitis or become asymptomatic carriers of the virus. However, in up to 10% of cases, following on from the acute infection, patients will become asymptomatic carriers of HBV or develop chronic active viral hepatitis (5%)[2,5].

There are many tests used to detect and determine the status of HBV[2,5,6]:

1. HBV surface antigen (HBsAG) indicates current HBV infection. Chronic hepatitis B infection is diagnosed when a patient is HBsAG positive for greater than six months. Chronic active hepatitis is diagnosed when a patient has abnormal liver function tests for greater than six months.
2. Serum antibodies to HBsAG (anti-HBs antibodies) indicates past HBV infection or vaccination (relative future protection).
3. Serum antibodies to HBV core antigen (anti-HBc antibodies) indicates either current HBV infection or past HBV infection. Vaccination does not result in antibodies to HBcAG (HBV core antigen).
4. HBV e antigen (HBeAG) is found only in HBsAG positive serum and tends to parallel the production of DNA polymerase by the virus. Its presence indicates active viral replication and is generally associated with greater infectivity of the blood.
5. HBV viral DNA indicates detectable virus in the blood.

Classification

Acute or chronic hepatitis B (chronic active hepatitis B, chronic persistent hepatitis B) is coded as: B16. x *Acute hepatitis B* or B18.0 *Chronic viral hepatitis B with delta-agent* or B18.1 *Chronic viral hepatitis B without delta-agent*.

Carrier status (when the patient is hepatitis B surface antigen positive [HBsAG +] and asymptomatic) is coded as: Z22.5 *Carrier of viral hepatitis*

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where acute or chronic hepatitis B complicates the pregnancy, childbirth or puerperium. This code is not assigned when the obstetric patient is a carrier. Assign Z22.5 for obstetric patient with carrier status.

When an ambiguous term such as 'past history of hepatitis B' is documented, clinical coders should check with the clinician to determine if the patient is actually a carrier. A code for carrier status should never be assigned on ambiguous documentation. ▶

Hepatitis C

Definition

Hepatitis C manifests as an acute illness but may progress to a chronic infection. The hepatitis C virus (HCV) is transmitted parenterally (e.g. transfusions, injection drug abuse, occupational exposure to blood or blood products)[3]. Recovery rates from hepatitis C viral (HCV) infection is much lower than in hepatitis B viral infection. Generally it is known that 50% of patients will progress to a chronic infection, however, varying reports have placed this figure as high as 90%[1,3,6].

A positive hepatitis C antibody test indicates hepatitis C infection. A polymerase chain reaction (PCR) assay can also be conducted; a positive result supports the diagnosis of chronic hepatitis C infection. However, a negative PCR result does not necessarily mean that there is no chronic infection, as the virus may still be present in small amounts and not detected in the blood sample[5,6].

Classification

Acute or chronic hepatitis C (chronic active hepatitis C, chronic persistent hepatitis C) is coded as: B17.1 *Acute hepatitis* C or B18.2 *Chronic viral hepatitis* C.

Carrier status (when the patient is hepatitis C positive and asymptomatic) is coded as: Z22.5 *Carrier of viral hepatitis*

For obstetric patients, assign O98.4 *Viral hepatitis complicating pregnancy, childbirth and the puerperium* and the specific code for viral hepatitis from Chapter 1, where acute or chronic hepatitis C complicates the pregnancy, childbirth or puerperium. This code is not assigned when the obstetric patient is a carrier. Assign Z22.5 for obstetric patient with carrier status.

When an ambiguous term such as 'past history of hepatitis C' is documented, coders should check with the clinician to determine if the patient is actually a carrier. A code for carrier status should never be assigned on ambiguous documentation.

Similarly when 'hepatitis C' is recorded, coders should check with the clinician to determine if the disease is at the acute or chronic stage. Where consultation is not possible, assign the code for chronic hepatitis C (B18.2).

Hepatitis D

Definition

The hepatitis D virus (HDV) can only replicate in the presence of HBV, never alone. It occurs as either a co-infection with acute hepatitis B or a superinfection in established chronic hepatitis B[2].

Classification

Hepatitis D with acute hepatitis B infection is coded as: B16.0 *Acute hepatitis B with delta-agent (co-infection) with hepatic coma* or B16.1 *Acute hepatitis B with delta-agent (co-infection) without hepatic coma*

Hepatitis D with chronic hepatitis B infection is coded as: B18.0 *Chronic viral hepatitis B with delta agent*

Hepatitis D where there is NO sign of active hepatitis B disease (hepatitis B carrier state) is coded as: B17.0 *Acute delta-(super) infection of hepatitis B carrier*

References

1. Weatherall, D., Ledingham, J., & Warrell, D. (Eds.). (1996). *Oxford Textbook of Medicine*. (3rd ed.). Oxford Medical Publications, Oxford. (page 2061).
2. Berkow, R., & Fletcher, A. (Eds.). (1992). *The Merck Manual of Diagnosis and Therapy*. (16th ed.). Merck & Co., Inc, New Jersey. (pages 897–906).
3. Rubenstein, E., & Federman, D. (Eds.). (1994). *Scientific American Medicine*. Scientific American, Inc, New York. (Chapter 4, VII, pages 1–11, Chapter 4, VIII, pages 1–8).
4. Koenigsberg, R. (Ed.). (1989). *Churchill's Illustrated Medical Dictionary*. Churchill Livingstone, New York.
5. Dr Philip Jones, Prince Henry Hospital – Member of Infectious and Immunology Clinical Coding & Classification Group. [Personal communication].
6. Dr Dale Fisher, Royal Darwin Hospital – Member of Infectious and Immunology Clinical Coding & Classification Group. [Personal communication].

0301 STEM CELL PROCUREMENT AND TRANSPLANTATION

Errata 1

Stem cells may be procured from:

1. A patient with a known malignancy, for therapeutic purposes (i.e. autologous donation), or
2. A healthy donor (nonautologous donation).

The relevant ICD-10-AM codes for this standard are: Z52.01 *Stem cell donor*
Z51.81 *Apheresis*

Note that 'apheresis' may also be documented in the clinical record as 'peripheral blood stem cell collection' or 'stem cell harvest' or similar.

Classification

Same day patients

— autologous donation

Same day patients (i.e. admitted and separated on the same date) undergoing autologous donation of stem cells should have a principal diagnosis code of Z51.81 *Apheresis*. An additional code(s) should be assigned to indicate the condition/malignancy being treated.

Assign the appropriate procedure code, depending on whether the stem cells are frozen (cryopreservation): 13750-04 [1859] *Apheresis of stem cells* or
13750-05 [1859] *Apheresis of stem cells with cryopreservation*

— nonautologous donation

Same day patients admitted as a donor for procurement of stem cells should have a principal diagnosis code of Z52.01 *Stem cell donor*.

Assign the appropriate procedure code, depending on whether the stem cells are frozen (cryopreservation): 13750-04 [1859] *Apheresis of stem cells* or
13750-05 [1859] *Apheresis of stem cells with cryopreservation*

Multiday patients

— autologous

Multiday patients should have a principal diagnosis code of the condition/malignancy being treated and the appropriate procedure codes as mentioned above. Assignment of Z51.81 *Apheresis* as an additional diagnosis code is unnecessary.

Autologous haematopoietic stem cell transplant

Autologous haematopoietic stem cell transplant (13706-08 [802] *Autologous haematopoietic stem cell transplantation)* may be accomplished by using haematopoietic stem cells obtained from either bone marrow or peripheral blood. Stem cell transplant may be performed on patients with breast cancer, Hodgkin's disease, Non-Hodgkin's lymphoma, multiple myeloma, or neuroblastoma (in children) where standard therapy would not cure these patients.

The bone marrow is the source of all blood cells and platelets. The bone marrow produces an immature, undifferentiated cell called a 'stem cell'. This cell is not yet committed to differentiating into a specific cell type. At this stage, the stem cell is flexible and has the potential to become any one of the variety of mature blood cells. The specific cell type of the mature stem cell depends on which maturational pathway it follows. The patient undergoes apheresis in which the stem cells are separated and retained. The plasma and the red blood cells are reinfused back into the patient. The patient then receives high dose chemotherapy and/or radiation treatment, according to the established protocol. Upon completion of the high dose of chemotherapy and/or radiation treatment, the stem cells which were retained are transplanted back into the patient.

The technical management of a patient undergoing stem cell transplant is the same as a patient undergoing an autologous bone marrow transplant. The patient is placed in a bone marrow transplant room with around-the-clock intervention.

0940 ISCHAEMIC HEART DISEASE

Definition

Ischaemic heart disease is the general term for a number of disorders that affect the myocardium due to coronary insufficiency, which is a decrease in the blood supply to the heart. It is usually caused by deposits of atheromatous material that progressively obstruct the coronary arteries and their branches[1].

Classification

Ischaemic heart disease is classified to categories I20–I25 as follows:
Angina pectoris (I20)
Acute myocardial infarction (I21)
Subsequent myocardial infarction (I22)
Certain current complications following acute myocardial infarction (I23)
Other acute ischaemic heart diseases (I24)
Chronic ischaemic heart disease (I25)

Angina pectoris (I20)

Definition

Mechanism = transient, localised myocardial ischaemia. There is a discrepancy between the myocardial demands for oxygen and the amount delivered through the coronary arteries[2].

Angina is of clearly defined short duration and subsides completely without residual discomfort. It is usually due to arteriosclerotic heart disease, but may occur in the absence of significant disease of the coronary arteries as a result of coronary spasm, severe aortic stenosis or insufficiency, increased metabolic demands as in hyperthyroidism or after thyroid therapy, marked anaemia, paroxysmal tachycardias with rapid ventricular rates, or in connective tissue disorders such as systemic lupus erythematosus that affect the smaller coronary arteries[2].

Specific types of angina are:

• *Unstable angina (I20.0)*

Definition

The code I20.0 *Unstable angina* includes conditions described as intermediate coronary syndrome, preinfarction syndrome and premature or impending myocardial infarction. Angina occurring more than 24 hours after an infarction and within the infarction episode of care is known as postinfarction angina and is also classified to I20.0 *Unstable angina*.

Unstable angina is a syndrome intermediate between the angina pectoris of effort and acute myocardial infarction in the spectrum of coronary heart disease. It is recognised by the appearance of pain which has a different character, duration, radiation and severity – or which over a period of hours or days has a crescendo quality of increased ease of production, or which occurs at rest or during the night[2].

Classification

If a patient is admitted with unstable angina and progresses to a myocardial infarction in the same episode of care, assign a code for the myocardial infarction only.

However, if the patient develops postinfarction angina, I20.0 *Unstable angina* may be sequenced as an additional code.

• *Angina pectoris with documented spasm (I20.1)*

Coronary artery spasm results in decreased coronary blood flow and may occur spontaneously or may be induced by mechanical irritation from a coronary catheter, by exposure to cold, or by certain drugs. Spasm may occur both in normal and in stenosed coronary arteries. Arrythmias, angina pectoris and even myocardial infarction may occur as a result of spasm in the absence of obstructive coronary stenosis[2].

Prinzmetal's variant angina is more likely to occur at rest than with effort and may occur at odd times during the day or night[2].

• *Other forms of angina pectoris (I20.8)*

This code covers other types of angina including ischaemic chest pain and Grade I–III angina.

Note that unstable angina and Grade IV angina are classified to I20.0 *Unstable angina*.

Classification

The code for any type of angina should be sequenced before coronary atherosclerosis, if the patient is found to have this condition[3].

Patients may have coronary artery disease without any symptoms of angina. In this case, angina is not coded[3]. ▶

Many coders have traditionally regarded angina as a 'symptom' of atherosclerosis and have incorrectly sequenced atherosclerosis as the principal diagnosis, i.e. the underlying cause of angina. Although angina can be described as a symptom, it constitutes one of a group of 'symptoms' which are significant in their own right[3].

Patients documented as having the current conditions of both ischaemic heart disease and angina can have both I25.9 *Chronic ischaemic heart disease, unspecified* and I20.9 *Angina pectoris, unspecified* assigned. Angina can be coded as an associated condition.

Acute myocardial infarction (I21)

Definition

Mechanism = arterial occlusion.

Acute myocardial infarction is an acute ischaemic condition, usually caused by occlusion of a coronary artery by thrombus at the site of atheromatous narrowing. The occlusion cuts off the blood supply to the area of myocardium supplied by the affected artery causing the cells in that area to die. The severity of the condition depends on how large a part of the myocardium is involved and may vary from a moderately serious illness to sudden death.

Classification

A myocardial infarction described as acute or with a duration of four weeks (28 days) or less from onset is classified to category I21 *Acute myocardial infarction*. Codes I21.0–I21.3 identify transmural infarctions.

Code I21.4 identifies subendocardial infarction, also known as non Q-wave or nontransmural. Subendocardial infarctions do not extend through the full thickness of the myocardial wall. On ECG, they create a pattern of widespread ST segment changes and these are difficult to site. I21.4 should be assigned alone for a subendocardial infarction. The site or wall affected is not coded.

Codes from category I21 *Acute myocardial infarction* should be assigned for an infarction in both the first hospital to which the patient is admitted for treatment and any other acute care facility to which the patient is transferred within 4 weeks (28 days) or less from onset of the infarction.

EXAMPLE

Hospital A – patient admitted for an initial episode of care for an acute anteroseptal myocardial infarction and subsequently transferred to another hospital on day 2. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Hospital B – patient transferred for further diagnostic workup or surgery and transferred back to Hospital A on day 20. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Hospital A – patient transferred back without being discharged from acute care and discharged home on day 24. Assign code I21.0 *Acute transmural myocardial infarction of anterior wall.*

Subsequent myocardial infarction (I22)

This category should be assigned for infarction of any myocardial site, occurring within 4 weeks (28 days) from onset of a previous infarction.

Other acute and subacute forms of ischaemic heart disease (I24)

Definition

Mechanism = prolonged myocardial ischaemia, with or without myocardial necrosis.

• *Coronary thrombosis not resulting in myocardial infarction (I24.0)*

Prompt thrombolytic therapy and/or surgery may prevent an occlusion or thrombosis of the artery from leading to infarction.

• *Dresslers' syndrome (I24.1)*

Also known as post-infarction syndrome. This is considered to be a hypersensitivity reaction to myocardial infarction and is now rarely seen as the treatment of myocardial infarction has improved. It may occur 4–6 weeks following a myocardial infarction and is characterised by pericarditis, pericardial friction rub, and fever, with or without pneumonia.

Chronic ischaemic heart disease (I25)

This category includes such conditions as coronary atherosclerosis, chronic coronary insufficiency, myocardial ischaemia and aneurysm of the heart. ▶

• *Atherosclerotic heart disease (I25.1x)*

Definition

These codes include conditions described as arteriosclerotic heart disease, coronary arteriosclerosis, coronary stricture, and coronary sclerosis or atheroma.

Mechanism = plaques of fatty deposits form in the inner layer (intima) of the arteries[4]. The build up of these plaques, or atheromas, cause the inner wall to become roughened and also cause the muscle walls to become rigid and inelastic. Narrowing of the lumen and hardening of the muscle wall decrease the rate at which blood can flow through the vessel and may lead to ischaemia of the tissues served by the vessel and the development of clots within the vessel itself.

Classification

The fifth character subdivision indicates the nature of the coronary artery involved. If it is clear from the documentation that there has been no previous coronary artery bypass surgery, assign code I25.11 *Atherosclerotic heart disease of native coronary artery*.

Atherosclerosis of a bypass graft is classified to I25.12 *Atherosclerotic heart disease of autologous bypass graft* or I25.13 *Atherosclerotic heart disease of nonautologous biological bypass graft*.

Embolism or occlusion of a bypass graft is classified to T82.8 *Other complications of cardiac and vascular prosthetic devices, implants and grafts*.

• *Old (healed) myocardial infarction (I25.2)*

I25.2 *Old myocardial infarction* is essentially a 'history of' code, even though it is not included in the Z code chapter. It should be assigned as an additional code only when it has some significance for the current episode of care as documented by the treating clinician[1].

• *Aneurysm of heart (I25.3) or coronary vessels (I25.4)*

An aneurysm is a sac formed by the dilatation of a wall of the heart or coronary vessels. An aneurysm may be caused by atherosclerosis as it deforms and damages the muscle wall to the extent that it becomes weakened and develops an aneurysm.

• *Ischaemic cardiomyopathy (I25.5)*

Ischaemic cardiomyopathy is a term sometimes used to designate the condition in which ischaemic heart disease causes diffuse fibrosis or multiple infarctions and leads to heart failure with left ventricular dilatation.

Note that all other types of cardiomyopathy are coded to I42 *Cardiomyopathy* and I43 *Cardiomyopathy in diseases classified elsewhere*.

• *Other forms of chronic ischaemic heart disease (I25.8)*

Myocardial infarction described as 'chronic' or with a duration of more than four weeks (28 days) from onset is classified to I25.8 *Other forms of chronic ischaemic heart disease*.

• *Chronic ischaemic heart disease, unspecified (I25.9)*

This code is to be used as a last resort. If ischaemic heart disease (IHD) is documented as a problem in the current episode of care, and there have been no interventions such as CABGs or PTCAs with or without insertion of stent, then it is acceptable to code to the specificity of the disease (i.e. coronary atherosclerosis, I25.1x) as documented in an earlier angiogram report, when available.

However, where IHD is documented as a problem but there has been intervention, it is possible to assign both I25.1x *Atherosclerotic heart disease* and Z95.1 *Presence of aortocoronary bypass graft* or Z95.5 *Presence of coronary angioplasty implant and graft* if there is sufficient detail about the condition of both the previously treated grafts and the native vessels. If the detail is not available but the IHD is still stated to be a problem, I25.9 *Chronic ischaemic heart disease, unspecified* and Z95.1/Z95.2 may both be assigned.

If there is a history of previous coronary artery bypass surgery or coronary angioplasty and the ischaemic heart disease is not documented as a current problem, assign code Z95.1 *Presence of aortocoronary bypass graft* or Z95.5 *Presence of coronary angioplasty implant and graft* only.

References

1. Brown, F. (1996). *ICD-9-CM Coding Handbook, with Answers*. American Hospital Publishing, Inc, USA.
2. Krupp, M.A., & Chatton, M.J. (1984). *Current Medical Diagnosis and Treatment*. Lange Medical Publications, Los Altos, California.
3. NCCH. (1997). *Casemix, DRGs and Clinical Coding, Geriatric Medicine*. National Centre for Classification in Health, Sydney.
4. Miller-Keane. (1992). *Encyclopedia & Dictionary of Medicine Nursing and Allied Health*. (5th ed.). W.B. Saunders Company, Philadelphia.

Volume 5, p183, replace text in ***Standard 1809 Febrile convulsions***

Errata 1

Definition

Febrile convulsions (febrile seizures) occur primarily in children from 6 months to 7 years old, in association with fever and generally without evidence of intracranial infection or other defined cause[1,3]. It is important to note that febrile convulsions do not occur in adults, and if a diagnosis of febrile convulsion is recorded for patients not meeting the age criteria for this standard, the clinician should be consulted for clarification.

Simple or benign febrile convulsions are clinically defined as brief (less than 15 minutes duration), solitary and generalised[1,3].

Non simple or complicated febrile convulsions are clinically defined as either focal in nature, having a duration of 15 minutes or longer, with associated focal neurological signs or are likely to recur 2 or more times in less than 24 hours[1,3].

The majority of febrile convulsions are simple and these convulsions require no treatment other than observation. The treatment for non simple febrile convulsions involves insertion of an IV cannula, administration of drugs to stop the seizure, and occasionally will include mechanical ventilation (because of drug-induced apnoea or ongoing seizures)[2]. However, all febrile convulsions are alarming and it is always necessary to rule out any underlying cause, such as epilepsy, encephalitis, intracerebral haemorrhage, gastroenteritis, otitis media, septicaemia, pneumonia or meningitis[2,3,4].

Clinical coders should be aware of the various terminology associated with febrile convulsions. The term 'febrile seizures' is synonymous with febrile convulsions. A 'fit', where the fit is associated with fever (pyrexia), is also synonymous with febrile convulsions.

Classification

The distinction between simple (benign) and non simple (complicated) febrile convulsions does not have any bearing on their classification and is provided so that coders are aware of the significance of the clinical entity of febrile convulsions.

R56.0 *Febrile convulsions* should be assigned as the principal diagnosis in cases of febrile convulsions (simple or non simple) where no underlying cause is documented.

Where an underlying cause is documented, the principal diagnosis convention should be followed (*see* Standard 0001 *Principal diagnosis*, page 5). ▶

Volume 5, p184, add to top of page

Errata 1

References for Standard 1809

1. Dr. Ralph Hanson, The New Children's Hospital, Sydney, Member of Acute Subcommittee of ACCC. [Personal communication].
2. Dr. Warwick Butt, The Royal Children's Hospital, Melbourne, Member of Acute Subcommittee of ACCC. [Personal communication].
3. Berkow, R., & Fletcher, A. (Eds.). (1992). *The Merck Manual of Diagnosis and Therapy*. (16th ed.). Merck & Co, Inc, New Jersey. (pages 1439,1444).
4. Rubenstein, E., & Federman, D. (Eds.). (1994). *Scientific American Medicine*. Scientific American, Inc, New York. (Chapter 7, XXIV, page 5, Chapter 11, XII, pages 5–6).

Volume 5, p211, add below ***Standard 2007 Complications and misadventures of surgical/medical care***

2001 EXTERNAL CAUSE CODE USE AND SEQUENCING *continued from page 209*

Errata 1

Codes not requiring an external cause code

A range of conditions that are caused by external events are represented by certain codes within Chapters 1–18. Some of these codes do not require an external cause code to be assigned (see list on page 212). The external cause code is not required because the external cause information is embedded in the diagnosis code and therefore, the addition of an external cause code does not add any further information.

▶

CODE	DESCRIPTION
G97.0	Cerebrospinal fluid leak from spinal puncture
G97.1	Other reaction to spinal and lumbar puncture
G97.2	Intracranial hypotension following ventricular shunting
H59.0	Vitreous syndrome following cataract surgery
H95.0	Recurrent cholesteatoma of postmastoidectomy cavity
H95.1	Other disorders following mastoidectomy
I97.2	Postmastectomy lympho-oedema syndrome
J95.0	Tracheostomy malfunction
K91.4	Colostomy and enterostomy malfunction
K91.5	Postcholecystectomy syndrome
L23.0	Allergic contact dermatitis due to metals
L23.1	Allergic contact dermatitis due to adhesives
L23.2	Allergic contact dermatitis due to cosmetics
L23.4	Allergic contact dermatitis due to dyes
L23.5	Allergic contact dermatitis due to other chemical products
L23.6	Allergic contact dermatitis due to food in contact with skin
L23.7	Allergic contact dermatitis due to plants, except food
L24.0	Irritant contact dermatitis due to detergents
L24.1	Irritant contact dermatitis due to oils and greases
L24.2	Irritant contact dermatitis due to solvents
L24.3	Irritant contact dermatitis due to cosmetics
L24.5	Irritant contact dermatitis due to other chemical products
L24.6	Irritant contact dermatitis due to drugs in contact with skin
L24.7	Irritant contact dermatitis due to plants, except food
L24.8	Irritant contact dermatitis due to other agents
L25.0	Unspecified contact dermatitis due to cosmetics
L25.2	Unspecified contact dermatitis due to dyes
L25.3	Unspecified contact dermatitis due to other chemical products
L25.4	Unspecified contact dermatitis due to food in contact with skin
L25.5	Unspecified contact dermatitis due to plants, except food
L25.8	Unspecified contact dermatitis due to other agents
L55.0	Sunburn, erythema
L55.1	Sunburn, partial thickness
L55.2	Sunburn, full thickness
L55.8	Other sunburn
L55.9	Sunburn, unspecified
L56.2	Photocontact dermatitis [berloque dermatitis]
L56.3	Solar urticaria
L56.4	Polymorphous light eruption
L56.8	Other specified acute skin changes due to ultraviolet radiation
L56.9	Acute skin change due to ultraviolet radiation, unspecified
L57.0	Actinic keratosis
L57.1	Actinic reticuloid
L57.2	Cutis rhomboidalis nuchae

CODE	DESCRIPTION
L57.3	Poikiloderma of Civet
L57.4	Cutis laxa senilis
L57.5	Actinic granuloma
L57.8	Other skin changes due to chronic exposure to nonionizing radiation
L57.9	Skin changes due to chronic exposure to nonionizing radiation, unspecified
M80.1 [0–9]	Postoophorectomy osteoporosis with pathological fracture
M81.1 [0–9]	Postoophorectomy osteoporosis
M96.0	Pseudarthrosis after fusion or arthrodesis
M96.1	Postlaminectomy syndrome, not elsewhere classified
M96.2	Postradiation kyphosis
M96.3	Postlaminectomy kyphosis
M96.5	Postradiation scoliosis
M96.6	Fracture of bone following insertion of orthopaedic implant, joint prosthesis, or bone plate
N99.3	Prolapse of vaginal vault after hysterectomy
N99.5	Malfunction of external stoma of urinary tract
O29.3	Toxic reaction to local anaesthesia during pregnancy
O29.4	Spinal and epidural anaesthesia-induced headache during pregnancy
O29.5	Other complications of spinal and epidural anaesthesia during pregnancy
O29.6	Failed or difficult intubation during pregnancy
O34.2	Maternal care due to uterine scar from previous surgery
O74.0	Aspiration pneumonitis due to anaesthesia during labour and delivery
O74.1	Other pulmonary complications of anaesthesia during labour and delivery
O74.2	Cardiac complications of anaesthesia during labour and delivery
O74.3	Central nervous system complications of anaesthesia during labour and delivery
O74.4	Toxic reaction to local anaesthesia during labour and delivery
O74.5	Spinal and epidural anaesthesia-induced headache during labour and delivery
O74.6	Other complications of spinal and epidural anaesthesia during labour and delivery
O74.7	Failed or difficult intubation during labour and delivery
O74.8	Other complications of anaesthesia during labour and delivery
O74.9	Complication of anaesthesia during labour and delivery, unspecified
O86.0	Infection of obstetric surgical wound
O89.0	Pulmonary complications of anaesthesia during the puerperium
O89.1	Cardiac complications of anaesthesia during the puerperium

CODE	DESCRIPTION
O89.2	Central nervous system complications of anaesthesia during the puerperium
O89.3	Toxic reaction to local anaesthesia during the puerperium
O89.4	Spinal and epidural anaesthesia-induced headache during the puerperium
O89.5	Other complications of spinal and epidural anaesthesia during the puerperium
O89.6	Failed or difficult intubation during the puerperium
O89.8	Other complications of anaesthesia during the puerperium
O89.9	Complication of anaesthesia during the puerperium, unspecified
O90.0	Disruption of caesarean section wound
O90.1	Disruption of perineal obstetric wound
O90.2	Haematoma of obstetric wound
P04.0	Fetus and newborn affected by maternal anaesthesia and analgesia in pregnancy, labour and delivery
P04.2	Fetus and newborn affected by maternal use of tobacco
P04.3	Fetus and newborn affected by maternal use of alcohol
P04.6	Fetus and newborn affected by maternal exposure to environmental chemical substances
P04.8	Fetus and newborn affected by other maternal noxious influences
P10.0	Subdural haemorrhage due to birth injury
P10.1	Cerebral haemorrhage due to birth injury
P10.2	Intraventricular haemorrhage due to birth injury
P10.3	Subarachnoid haemorrhage due to birth injury
P10.4	Tentorial tear due to birth injury
P10.8	Other intracranial lacerations and haemorrhages due to birth injury
P10.9	unspecified intracranial laceration and haemorrhage due to birth injury
P11.0	Cerebral oedema due to birth injury
P11.1	Other specified brain damage due to birth injury

CODE	DESCRIPTION
P11.2	Unspecified brain damage due to birth injury
P11.3	Birth injury to facial nerve
P11.4	Birth injury to other cranial nerves
P11.5	Birth injury to spine and spinal cord
P11.9	Birth injury to central nervous system, unspecified
P12.0	Cephalhaematoma due to birth injury
P12.1	Chignon due to birth injury
P12.2	Epicranial subaponeurotic haemorrhage due to birth injury
P12.3	Bruising of scalp due to birth injury
P12.4	Monitoring injury of scalp of newborn
P12.8	Other birth injuries to scalp
P12.9	Birth injury to scalp, unspecified
P13.0	Fracture of skull due to birth injury
P13.1	Other birth injuries to skull
P13.2	Birth injury to femur
P13.3	Birth injury to other long bones
P13.4	Fracture of clavicle due to birth injury
P13.8	Birth injuries to other parts of skeleton
P13.9	Birth injury to skeleton, unspecified
P14.0	Erb's paralysis due to birth injury
P14.1	Klumpke's paralysis due to birth injury
P14.2	Phrenic nerve paralysis due to birth injury
P14.3	Other brachial plexus birth injuries
P14.8	Birth injuries to other parts of peripheral nervous system
P14.9	Birth injury to peripheral nervous system, unspecified
P15.0	Birth injury to liver
P15.1	Birth injury to spleen
P15.2	Sternomastoid injury due to birth injury
P15.3	Birth injury to eye
P15.4	Birth injury to face
P15.5	Birth injury to external genitalia
P15.6	Subcutaneous fat necrosis due to birth injury
P15.8	Other specified birth injuries
P15.9	Birth injury, unspecified