OPCS-4.8 to OPCS-4.9
Summary of Core Changes
Published November 2019
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Introduction

The OPCS-4 Classification of Interventions and Procedures (OPCS-4) is an NHS fundamental information standard published under section 250 of the Health and Social Care Act 2012 (Ref DCB0084). OPCS-4 is updated every three years to reflect current NHS clinical practice to support aggregate data for statistical purposes and reimbursement.

This summary of core changes to OPCS-4.8 to produce OPCS-4.9 was published for consultation between 24 July to 19 August 2019.

Following consultation and subject to approval by the Data Coordination Board, the OPCS-4.9 Information Standard Notice will be published in October 2019 in readiness for NHS implementation on 1 April 2020.

Note: This is an update to the original version of this document published in October 2019. One change in the Alphabetical Index was included and two changes in the Tabular List were omitted in error. See Appendix 1 for the details of these inclusions/omissions.

Background

OPCS-4 is a statistical classification for clinical coding of hospital interventions and procedures undertaken by the NHS. The classification is mandatory for use by healthcare providers to support various forms of data collections for secondary uses, e.g. it is mandatory for the Admitted Patient Care Commissioning Data Sets (CDS). The requirements for data sets and related definitions are specified in the NHS Data Model and Dictionary.

http://www.datadictionary.nhs.uk/

In agreement with the Department of Health the OPCS-4 classification is updated every three years to reflect current NHS clinical practice through the addition of new content as necessary to support aggregate data for statistical purposes and reimbursement.

Key classification characteristics are retained to maintain consistency and comparability across OPCS-4 versions and statistical data.

Changes to the OPCS-4 Metadata file

The format of the OPCS-4.9 metadata file, included within the OPCS-4 System Data Files available from TRUD, has not changed. However, the Sex (absolute) field will no longer be populated; it will be left blank. This is in order to comply with the Equality Act 2010 to ensure equal treatment of patients regardless of a chosen gender.

Where a code in OPCS-4.8 had a Sex (absolute) flag assigned in the Metadata file this has been changed to a Sex (scrutiny) flag.
This will ensure that a record will not be rejected where a procedure that is appropriate to the anatomy of the patient but doesn’t match with their chosen gender. E.g. orchidectomy in a patient who has chosen to have a female gender.

This should not impact data quality because the Sex (scrutiny) flag will still provide a warning to check the correct record is being coded for that episode of care, if appropriate.

Requests for Change

NHS Digital receives OPCS-4 requests for change via the Requests Submission Portal. Requests came from a wide range of customers, users and stakeholders, including the National Casemix Office and the National Casemix Office clinical Expert Working Groups, the National Institute of Clinical Excellence (NICE), Getting it Right First Time (GIRFT) programme, individual clinicians, clinical coding managers and trainers.

Areas affected by change

Core changes made to OPCS-4.8 to produce OPCS-4.9 have been made in the following areas:

Tabular List, Volume I:
- Codes and descriptions at three-character categories and four-character subcategories
- Three-character category and four-character subcategory Notes, Inclusions and Exclusions

Alphabetical Index, Volume II:
- Section I Alphabetical Index of Interventions and Surgical Procedures
- Section II Alphabetical Index of Surgical Eponyms
- Section III Alphabetical Index of Surgical Abbreviations.

This summary does not reflect changes made to the Tabular List introductory text, Tabular List of Three-Character Categories section, High Cost Drugs list or Chemotherapy Regimens list.

It is unsafe to use this draft information to assign codes ahead of implementation or to annotate existing OPCS-4.8 books; the information may be subject to change as a result of the consultation and does not reflect all changes made to produce OPCS-4.9.

Number of changes

<table>
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<th>Change Type</th>
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<th>Grand Total</th>
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<td>New three-character category code</td>
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<td>New four-character subcategory code</td>
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<td>Retired (four-character subcategory)</td>
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<td>Changed three-character category code description</td>
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<td>Changed four-character subcategory code description</td>
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<tr>
<td>Change to three-character category involving change to note only (new, deleted or changed includes, excludes and notes)</td>
<td>65</td>
<td>438</td>
<td>832</td>
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**Representation of core changes**

In this document changes are represented as follows:

- New code(s) and description are underlined
- Codes and words in OPCS-4.8 that have been deleted are shown by a strike through
- Words in OPCS-4.9 that have been added are shown by an underline.

The absence of a Chapter heading in Volume I – Tabular List or a Letter e.g. Q, W etc in Volume II – Alphabetical Index indicates there are no changes within that section.

**Retirement of codes / change in description**

Coding professionals, analysts and system and software suppliers are asked to note the changes, including retirements of codes listed below. Retired codes have been removed from the Metadata file so that they are not perpetuated in OPCS-4.9 implementations. The OPCS-4.9 Table of Coding Equivalences provides guidance on mapping the new codes to the retired codes.

**Fetal tracheal plug procedures**

OPCS-4.8 codes exist for the insertion of fetal tracheal plugs at codes:

R01.2 Fetoscopic insertion of tracheal plug for congenital diaphragmatic hernia

and

R04.6 Percutaneous insertion of fetal tracheal plug for congenital diaphragmatic hernia

OPCS-4.9 codes have been authored for the equivalent removal procedures at codes:

R01.3 Fetoscopic removal of tracheal plug

and

R11.1 Percutaneous removal of fetal tracheal plug.

Whilst these procedures are performed for congenital diaphragmatic hernia the diagnosis has not been included in the descriptions of the new codes in OPCS-4.9 so that if they are performed for a different diagnosis they can be collected using these codes and because diagnoses generally should not be included in OPCS-4 as diagnostic information is captured using ICD-10. In order to ensure consistency, the diagnosis has been removed from codes R01.2 and R04.6 in OPCS-4.9 as follows:

R01.2 Fetoscopic insertion of tracheal plug for congenital-diaphragmatic hernia

R04.6 Percutaneous insertion of fetal tracheal plug for congenital-diaphragmatic hernia
Percutaneous transluminal venoplasty

There is an overlap in the meaning of codes L94.6 Percutaneous transluminal venoplasty and L99.1 Percutaneous transluminal angioplasty of vein NEC resulting in the two codes classifying the same procedure.

As all categories should be mutually exclusive the existing subcategory code L99.1 and description has been retired and represented as follows in the OPCS-4.9 Volume 1 - Tabular List and Codes and Titles:

L99.1 Code retired - refer to introduction

Percutaneous nephrolithotomy and kidney stone removal

Codes in category M09 Therapeutic endoscopic operations on calculus of kidney can be used for both nephroscopic nephroscopic and ureteroscopic procedures on calculi of the kidney.

In order to ensure both nephroscopic percutaneous and ureteroscopic removal of kidney calculi can be captured separately the category M07 Therapeutic ureteroscopic operations on kidney has been created and the includes notes at M09 have been amended to make it clear that percutaneous nephroscopic procedures are captured here:

M07 Therapeutic ureteroscopic operations on kidney

Excludes: Nephroscopic percutaneous extraction of calculus of kidney (M09)  
Nephroscopic percutaneous lithotripsy of calculus of kidney NEC (M09)  
Other therapeutic endoscopic operations on kidney (M10)

Note: It is not necessary to code additionally any mention of diagnostic endoscopic examination of kidney (M11.3, M11.9)

M07.1 Ureteroscopic laser fragmentation of calculus of kidney

M07.2 Ureteroscopic extraction of calculus of kidney NEC

M07.8 Other specified

M07.9 Unspecified

M09 Therapeutic endoscopic operations on calculus of kidney

Includes: Nephroscopic percutaneous lithotripsy extraction of calculus of kidney  
Nephroscopic percutaneous lithotripsy of calculus of kidney NEC  
Percutaneous lithotripsy of calculus of kidney NEC

Excludes: Therapeutic ureteroscopic operations on kidney (M07)

Note: It is not necessary to code additionally any mention of diagnostic endoscopic examination of kidney (M11.9)

There is also an overlap in meaning with codes in category M09 and code M16.4 Percutaneous nephrolithotomy NEC classifying percutaneous nephrolithotomy (PCNL) procedures.

As all categories should be mutually exclusive the existing subcategory code M16.4 and description has been retired and represented as follows in the OPCS-4.9 Volume 1 - Tabular List and Codes and Titles:

M16.4 Code retired - refer to introduction

Percutaneous nephrolithotomy NEC has been added as an inclusion note at M09.4.

M09.4 Endoscopic extraction of calculus of kidney NEC

Includes: Percutaneous nephrolithotomy NEC
Ureteric stone procedures

There is duplication in the codes that classify the removal of calculi from the ureter in categories:

M27  Therapeutic ureteroscopic operations on ureter
M27.1 Ureteroscopic laser fragmentation of calculus of ureter
M27.2 Ureteroscopic fragmentation of calculus of ureter NEC
M27.3 Ureteroscopic extraction of calculus of ureter

and

M28  Other endoscopic removal of calculus from ureter
M28.1 Endoscopic laser fragmentation of calculus of ureter NEC
M28.2 Endoscopic fragmentation of calculus of ureter NEC
M28.3 Endoscopic extraction of calculus of ureter NEC.

Ureteric calculi are always removed using a ureteroscope therefore wherever endoscopic removal of ureteric calculi is performed this is done using a ureteroscope meaning that the codes, listed above, in category M27.- are duplicates of the codes in category M28.-.

As all categories should be mutually exclusive the existing subcategory codes M28.1, M28.2 and M28.3 and descriptions have been retired and represented as follows in the OPCS-4.9 Volume 1 - Tabular List and Codes and Titles:

M28.1 Code retired - refer to introduction
M28.2 Code retired - refer to introduction
M28.3 Code retired - refer to introduction

Ureteric calculi are not removed using a cystoscope; therefore, the inclusion note at M28.- has been removed:

M28  Other endoscopic removal of calculus from ureter

Includes: Cystoscopic removal of calculus from ureter

Neurostimulators and electrodes

The four-character subcategory code descriptions for the procedures involving neurostimulators and electrodes are technically incorrect.

Existing codes in category A09 Neurostimulation of brain indicate that neurostimulators are inserted into the brain, however they are implanted elsewhere in the body under the skin and connected to the electrodes in the brain.

In categories A33 neurostimulation of cranial nerve, A48 Other operations on spinal cord and A70 Neurostimulation of peripheral nerve, the classification identifies that neurostimulators and electrodes are placed into the spinal cord and nerves however, as with the brain, the neurostimulators are implanted elsewhere under the skin and the electrodes are inserted adjacent to the spinal cord and nerves.

Consequently, the code descriptions within these categories have been amended to ensure that they are clinically correct:

A09.1  Implantation of neurostimulator into brain neurostimulator
A09.2  Maintenance of neurostimulator in brain neurostimulator
A09.3  Removal of neurostimulator from brain neurostimulator
A09.4  Operation on neurostimulator in brain NEC neurostimulator NEC

A33.1  Introduction: Implantation of neurostimulator into cranial nerve
Changes to Volume 1 – Tabular List

Chapter A - NERVOUS SYSTEM

A09.1 Implantation of neurostimulator into brain neurostimulator
A09.2 Maintenance of neurostimulator in brain neurostimulator
A09.3 Removal of neurostimulator from brain neurostimulator
A09.4 Operation on neurostimulator in brain NEC neurostimulator NEC

A33.1 Introduction–Implantation of neurostimulator into cranial nerve neurostimulator
A33.2 Maintenance of neurostimulator in cranial nerve neurostimulator
A33.3 Removal of neurostimulator from cranial nerve neurostimulator
A33.4 Insertion of neurostimulator electrodes into adjacent to the cranial nerve

A48.3 Insertion–Implantation of neurostimulator adjacent to spinal cord neurostimulator
A48.4 Attention to neurostimulator adjacent to spinal cord NEC neurostimulator NEC
A48.5 Reprogramming of neurostimulator adjacent to spinal cord neurostimulator
A48.6 Removal of neurostimulator adjacent to spinal cord neurostimulator
A48.7 Insertion of neurostimulator electrodes into adjacent to the spinal cord

A51.5 Repair of dura of spinal cord
Includes: Repair of thecal sac
Excludes: Repair of dura of brain (A39)

A70.1 Implantation of neurostimulator into peripheral nerve neurostimulator
A70.2 Maintenance of neurostimulator in peripheral nerve neurostimulator
A70.3 Removal of neurostimulator from peripheral nerve neurostimulator
A70.4 Insertion of neurostimulator electrodes into adjacent to peripheral nerve

A82.2 Electro-oculography
A82.3 Multifocal electroretinography
Chapter B - ENDOCRINE SYSTEM AND BREAST

B12.5 Percutaneous drainage of lesion of thyroid gland
   *Includes:* Percutaneous drainage of thyroid gland

B27.5 Subcutaneous mastectomy
   *Includes:* Nipple sparing mastectomy

B29 Reconstruction of breast
   *Note:* Use a supplementary code for insertion of prosthesis for breast (B30.1)
           Use a supplementary code for insertion of prosthesis for breast (B30.1)
           or skin expander (S48)
           Use a supplementary code for attention to skin expander (S49)

B29.6 Reconstruction of breast using glandular remodelling
   *Includes:* Reconstruction of breast using glandular flap

B29.7 Reconstruction of breast using dermoglandular flap

B37.4 Capsulectomy of breast NEC

B37.6 Partial capsulectomy of breast

B38 Reconstruction of breast using flap of skin of buttock
   *Note:* Use a supplementary code for insertion of prosthesis for breast (B30.1)
           Use a supplementary code for insertion of prosthesis for breast (B30.1)
           or skin expander (S48)
           Use a supplementary code for attention to skin expander (S49)

B39 Reconstruction of breast using abdominal flap
   *Note:* Use a supplementary code for insertion of prosthesis for breast (B30.1)
           Use a supplementary code for insertion of prosthesis for breast (B30.1)
           or skin expander (S48)
           Use a supplementary code for attention to skin expander (S49)

Chapter C - EYE

C51.6 Topography evaluation of cornea
   *Includes:* Corneal topography
                Photokeratoscopy
                Videokeratography

C87 Evaluation of retina
   *Excludes:* Electro-oculography (A82.2)

C91 Operations on anterior segment of eye
   *Note:* Operations on named sites within the anterior segment are usually classified elsewhere

C91.1 Optical coherence tomography of anterior segment of eye

C91.9 Unspecified
Chapter D - EAR

D13.1 First stage insertion of fixtures for bone anchored hearing prosthesis
   Note: Use additional code when associated with concurrent fitting of bone anchored hearing aid (D13.6)

D13.2 Second stage insertion of fixtures for bone anchored hearing prosthesis
   Note: Use additional code when associated with concurrent fitting of bone anchored hearing aid (D13.6)

D13.5 One stage insertion of fixtures for bone anchored hearing prosthesis
   Note: Use additional code when associated with concurrent fitting of bone anchored hearing aid (D13.6)

Chapter E - RESPIRATORY TRACT

E08.1 Polypectomy of internal nose
   Excludes: Endoscopic extirpation of lesion of nasal cavity (E64.1)

E20.1 Total adenoidectomy
   Note: Use a supplementary code when associated with excision of lesion of tonsil (F36.6)

E20.4 Suction diathermy adenoidectomy
   Note: Use a supplementary code when associated with excision of lesion of tonsil (F36.6)

E29 Excision of larynx
   Includes: Epiglottis
            Glottis

E29.5 Laryngofissure and chordectomy cordeomy of vocal chord cord

E29.7 Cordectomy of vocal cord NEC

E30 Open extirpation of lesion of larynx
   Includes: Epiglottis
            Glottis

E31 Reconstruction of larynx
   Includes: Epiglottis
            Glottis

E33 Other open operations on larynx
   Includes: Epiglottis
            Glottis

E33.2 Chordopexy Cordopexy of vocal chord cord

E34 Microtherapeutic endoscopic operations on larynx
   Includes: Epiglottis
            Glottis

E35 Other therapeutic endoscopic operations on larynx
E36 Diagnostic endoscopic examination of larynx
Includes: Epiglottis
Glottis

E37 Diagnostic microendoscopic examination of larynx
Includes: Epiglottis
Glottis

E38 Other operations on larynx
Includes: Epiglottis
Glottis

E63.4 Endoscopic ultrasound examination of mediastinum and biopsy of lesion of mediastinum
Includes: Endoscopic ultrasound examination of mediastinum and biopsy of mediastinum
Endoscopic ultrasonic biopsy of lesion of mediastinum
Endoscopic ultrasonic biopsy of mediastinum

E85.2 Non-invasive ventilation NEC
Includes: Continuous positive airway pressure
High flow continuous positive airway pressure

E85.6 Continuous positive airway pressure
Includes: High flow continuous positive airway pressure

E89.1 Clearance of secretions of respiratory tract NEC

E89.5 Mechanical insufflation and exsufflation

E92.7 Measurement of fractional exhaled nitric oxide concentration

Chapter F - MOUTH

F10.5 Extraction of retained root of tooth

F17.2 Creation of impression of tooth for dental crown
Includes: Creation of impression of dental implant for dental crown or bridge
Creation of impression of teeth for bridge

F17.3 Fitting of dental crown on tooth
Includes: Fitting of dental crown on dental implant

F17.4 Adjustment of dental crown on tooth
Includes: Adjustment of dental crown or bridge on dental implant
Adjustment of dental bridge

F17.5 Removal of dental crown from tooth
Includes: Removal of dental crown or bridge from dental implant
Removal of dental bridge
F17.7 Fitting of bridge on teeth
   Includes: Fitting of bridge on dental implants

F36.6 Excision of lesion of tonsil
   Note: Use a supplementary code for concurrent excision of adenoid (E20.1, E20.4)
   Use as a supplementary code when associated with concurrent excision of adenoid (E20.1, E20.4)

F63.1 Creating of impression for denture or obturator
   Includes: Creation of impression of dental implant for denture

F63.2 Fitting of denture or obturator
   Includes: Fitting of denture on dental implant

F63.3 Adjustment of denture or obturator
   Includes: Adjustment of denture on dental implant

Chapter G - UPPER DIGESTIVE TRACT

G47.5 Insertion of nasogastric tube

G60.4 Attention to jejunostomy tube

G67.5 Insertion of nasojejunal tube

Chapter H - LOWER DIGESTIVE TRACT

H21.5 Fibreoptic endoscopic decompression of colon
   Includes: Fibreoptic endoscopic decompression of colon with or without insertion of flatus tube

H24.5 Endoscopic decompression of lower bowel using fibreoptic sigmoidoscope
   Includes: Endoscopic decompression of lower bowel using fibreoptic sigmoidoscope with or without insertion of flatus tube

H27.5 Endoscopic decompression of sigmoid colon using rigid sigmoidoscope
   Includes: Endoscopic decompression of sigmoid colon using rigid sigmoidoscope with or without insertion of flatus tube

H29.5 Subtotal excision of colon and anastomosis of colon to ileum

H35.1 Anterior fixation of rectum NEC

H35.5 Anterior fixation of rectum using prosthetic material

H36.1 Abdominal repair of levator ani muscles
   Includes: Repair of levator ani muscles NEC
   Repair of pelvic floor muscles NEC
   Repair of levator ani muscles
   Repair of pelvic floor muscles
H42.7  Rubber band ligation of prolapsed rectal mucosa
   Excludes: Rubber band ligation of haemorrhoid (H52.4)

H52.4  Rubber band ligation of haemorrhoid
   Excludes: Rubber band ligation of prolapsed rectal mucosa (H42.7)

H62.7  Endoanal ultrasound examination of lower bowel
   Includes: Endorectal ultrasound examination of lower bowel

H71   Therapeutic endoscopic operations on enteric pouch
       H71.1 Fibreoptic endoscopic balloon dilation of colonic pouch NEC

H71.8 Other specified
H71.9 Unspecified

Chapter J - OTHER ABDOMINAL ORGANS - PRINCIPALLY DIGESTIVE

J07.4  Transection of liver
   Includes: Partition of liver

J10.4 Percutaneous transluminal angioplasty of blood vessel of liver
   Includes: Percutaneous transluminal balloon angioplasty of hepatic artery

J34   Plastic repair of sphincter of Oddi using duodenal approach
   Includes: Plastic repair of sphincter of Oddi NEC
            Plastic repair of sphincter of Oddi using duodenal approach NEC
   Excludes: Endoscopic sphincteroplasty of ampulla of Vater (J39.2-J39.4)

J34.9 Unspecified
   Includes: Sphincteroplasty of papilla of Vater using duodenal approach
            Sphincteroplasty of papilla of Vater NEC
            Sphincteroplasty of papilla of Vater using duodenal approach NEC

J39.2 Endoscopic sphincteroplasty of ampulla of Vater NEC
   Includes: Endoscopic balloon sphincteroplasty of ampulla of Vater NEC
            Endoscopic balloon dilation of ampulla of Vater NEC
   Excludes: Sphincteroplasty of sphincter of Oddi using duodenal approach (J34)

J39.3 Endoscopic sphincteroplasty of ampulla of Vater and removal of calculus
   HFQ
   Includes: Endoscopic balloon sphincteroplasty of ampulla of Vater and removal of calculus HFQ
            Endoscopic balloon dilation of ampulla of Vater and removal of calculus HFQ
   Excludes: Sphincteroplasty of sphincter of Oddi using duodenal approach (J34)

J39.4 Endoscopic sphincteroplasty of ampulla of Vater and insertion of tubal prosthesis into bile duct
   Includes: Endoscopic balloon sphincteroplasty of ampulla of Vater and insertion of tubal prosthesis into bile duct
            Endoscopic balloon dilation of ampulla of Vater and insertion of tubal
prosthesis into bile duct
Excludes:  Sphincteroplasty of sphincter of Oddi using duodenal approach (J34)

J40  Endoscopic retrograde placement of prosthesis in bile duct
Excludes:  When associated with endoscopic sphincteroplasty of ampulla of Vater (J39)

J41  Other therapeutic endoscopic retrograde operations on bile duct
Excludes:  When associated with endoscopic sphincteroplasty of ampulla of Vater (J39)

J43  Diagnostic endoscopic retrograde examination of bile duct and pancreatic duct
Note:  Use as a supplementary code when associated with endoscopic sphincterotomy of accessory ampulla of Vater (J39.1) or endoscopic sphincteroplasty of ampulla of Vater (J39.2-J39.4)

J68.1  Extracorporeal shockwave lithotripsy of calculus of pancreas
Includes:  Shockwave lithotripsy of calculus of pancreas

Chapter K - HEART

K17.3  Aortopulmonary reconstruction with systemic to pulmonary arterial shunt
Includes:  Primary palliation of hypoplastic left heart syndrome

K17.4  Aortopulmonary reconstruction with right ventricle to pulmonary arterial valveless conduit
Includes:  Primary palliation of hypoplastic left heart

K50  Other therapeutic transluminal operations on coronary artery
Excludes:  Percutaneous transluminal balloon angioplasty and insertion of stent into coronary artery (K75)

K50.1  Percutaneous transluminal laser coronary angioplasty
Excludes:  Percutaneous transluminal balloon angioplasty and insertion of stent into coronary artery (K75)

K50.4  Percutaneous transluminal atherectomy of coronary artery
Note:  Use as a supplementary code for concurrent balloon angioplasty and insertion of stent into coronary artery (K75)

K75  Percutaneous transluminal balloon angioplasty and insertion of stent into coronary artery
Note:  Use a supplementary code when associated with percutaneous atherectomy (K50.4)
Use a supplementary code when associated with percutaneous atherectomy of coronary artery (K50.4)

Chapter L - ARTERIES AND VEINS

L18  Emergency replacement of aneurysmal segment of aorta
Excludes:  Endovascular repair of aneurysmal segment of aorta (L27, L28)

L18.4  Emergency replacement of aneurysmal segment of infrarenal abdominal
aorta by anastomosis of aorta to aorta
Includes: Juxtarenal abdominal aorta

L19 Other replacement of aneurysmal segment of aorta
Excludes: Endovascular repair of aneurysmal segment of aorta (L27, L28)

L19.4 Replacement of aneurysmal segment of infrarenal abdominal aorta by
anastomosis of aorta to aorta NEC
Includes: Juxtarenal abdominal aorta

L20.4 Emergency bypass of segment of infrarenal abdominal aorta by
anastomosis of aorta to aorta NEC
Includes: Juxtarenal abdominal aorta

L21.4 Bypass of segment of infrarenal abdominal aorta by anastomosis of aorta to
aorta NEC
Includes: Juxtarenal abdominal aorta

L26 Transluminal operations on aorta
Excludes: Transluminal insertion of stent graft for aneurysmal segment of aorta (L27)

L27 Transluminal insertion of stent graft for aneurysmal segment of aorta
Excludes: Open repair of aneurysmal segment of aorta (L18, L19)

L27.1 Endovascular insertion of stent graft for infrarenal abdominal aortic
aneurysm
Includes: Juxtarenal abdominal aorta

L27.6 Endovascular insertion of stent graft for aorto-uniiliac aorto-uni-iliac
aneurysm

L28 Transluminal operations on aneurysmal segment of aorta
Excludes: Open repair of aneurysmal segment of aorta (L18, L19)

L28.1 Endovascular insertion of stent for infrarenal abdominal aortic aneurysm
Includes: Juxtarenal abdominal aorta

L28.6 Endovascular insertion of stent for aorto-uniiliac aorto-uni-iliac aneurysm

L31.1 Percutaneous transluminal angioplasty of carotid artery
Includes: Percutaneous transluminal balloon angioplasty of carotid artery

L35.4 Percutaneous transluminal embolectomy of cerebral artery
Includes: Percutaneous transluminal thrombectomy of cerebral artery

L39.1 Percutaneous transluminal angioplasty of subclavian artery
Includes: Percutaneous transluminal balloon angioplasty of subclavian artery

L43.1 Percutaneous transluminal angioplasty of renal artery
Includes: Percutaneous transluminal balloon angioplasty of renal artery

L47.1 Percutaneous transluminal angioplasty of visceral branch of abdominal
aorta NEC
Includes: Percutaneous transluminal balloon angioplasty of visceral branch of
abdominal aorta NEC
L50.8 Other specified
Includes: Emergency aortoiliac anastomosis NEC
        Emergency aorto-iliac anastomosis NEC

L51.8 Other specified
Includes: Aortoiliac anastomosis NEC
        Aorto-iliac anastomosis NEC

L54.1 Percutaneous transluminal angioplasty of iliac artery
Includes: Percutaneous transluminal balloon angioplasty of iliac artery

L58.1 Emergency bypass of femoral artery by anastomosis of femoral artery to femoral artery NEC
Includes: Emergency bypass crossover graft of femoral artery to femoral artery NEC

L59.1 Bypass of femoral artery by anastomosis of femoral artery to femoral artery NEC
Includes: Bypass crossover graft of femoral artery to femoral artery NEC

L94.6 Percutaneous transluminal venoplasty
Includes: Percutaneous transluminal angioplasty of vein NEC

L94.7 Percutaneous transluminal balloon angioplasty of vein NEC
Excludes: Percutaneous transluminal angioplasty of vein NEC (L99.1)

L97.2 Peroperative angioplasty
Includes: Peroperative balloon angioplasty

L98.6 Placement of doppler–Doppler ultrasound probe into microvascular vessel anastomosis

L99.1 Percutaneous transluminal angioplasty of vein NEC Code retired - refer to introduction
Excludes: Percutaneous transluminal balloon angioplasty of vein (L94.7)
        Percutaneous transluminal cutting balloon angioplasty of vein (L94.7)

O03 Transluminal stent assisted coil embolisation of aneurysm of artery
Excludes: Percutaneous transluminal flow diverting stent embolisation of aneurysm of artery (O04.3)

O03.4 Percutaneous transluminal flow diverting stent assisted coil embolisation of three or more aneurysms of artery

O03.5 Percutaneous transluminal flow diverting stent assisted coil embolisation of two aneurysms of artery

O03.6 Percutaneous transluminal flow diverting stent assisted coil embolisation of single aneurysm of artery

O04.3 Percutaneous transluminal flow diverting stent embolisation of aneurysm of artery
Excludes: Percutaneous transluminal flow diverting stent assisted coil embolisation of aneurysm of artery (O03.4-O03.6)
Chapter M - URINARY

M06.1  Open removal of calculus from kidney
        Excludes:  Percutaneous nephrolithotomy (M16.4)
                   Percutaneous nephrolithotomy (M09.4)

M07  Therapeutic ureteroscopic operations on kidney
        Excludes:  Nephroscopic percutaneous extraction of calculus of kidney (M09)
                   Nephroscopic percutaneous lithotripsy of calculus of kidney NEC (M09)
                   Other therapeutic endoscopic operations on kidney (M10)
        Note:  It is not necessary to code additionally any mention of diagnostic endoscopic examination of kidney (M11.3, M11.9)

M07.1  Ureteroscopic laser fragmentation of calculus of kidney
M07.2  Ureteroscopic extraction of calculus of kidney NEC
M07.8  Other specified
M07.9  Unspecified

M09  Therapeutic endoscopic operations on calculus of kidney
        Includes:  Nephroscopic percutaneous extraction of calculus of kidney
        Excludes:  Therapeutic ureteroscopic operations on kidney (M07)

M09.4  Endoscopic extraction of calculus of kidney NEC
        Includes:  Percutaneous nephrolithotomy NEC

M10  Other therapeutic endoscopic operations on kidney
        Excludes:  Therapeutic ureteroscopic operations on kidney (M07)

M14.1  Extracorporeal shock wave lithotripsy of calculus of kidney
        Includes:  Shockwave lithotripsy of calculus of kidney

M16.4  Percutaneous nephrolithotomy NEC  Code retired - refer to introduction

M19  Urinary diversion
        Note:  Principal category, extended at M24

M19.7  Construction of orthotopic bladder substitute using intestine
        Includes:  Construction of neobladder
        Note:  Use as a supplementary code when associated with concurrent total excision of bladder (M34)

M24  Other urinary diversion
        Note:  Principal M19

M24.1  Construction of continent catheterisable intestinal pouch NEC
        Includes:  Construction of continent catheterisable urinary diversion NEC
                   Construction of continent catheterisable urinary reservoir NEC
        Note:  Use as a supplementary code when associated with concurrent total excision of bladder (M34)

M24.2  Construction of continent catheterisable intestinal pouch with continent cystostomy NEC
        Includes:  Construction of continent catheterisable urinary diversion with continent cystostomy NEC
                   Construction of continent catheterisable urinary reservoir with continent cystostomy NEC
cystostomy NEC

Note: Use as a supplementary code when associated with concurrent total excision of bladder (M34)

M24.3 Construction of continent catheterisable intestinal pouch with continent cystostomy using appendix
Includes: Construction of continent catheterisable urinary diversion with continent cystostomy using appendix
Construction of continent catheterisable urinary reservoir with continent cystostomy using appendix

Note: Use as a supplementary code when associated with concurrent total excision of bladder (M34)

M24.4 Construction of continent catheterisable intestinal pouch with continent cystostomy using ileum
Includes: Construction of continent catheterisable urinary diversion with continent cystostomy using ileum
Construction of continent catheterisable urinary reservoir with continent cystostomy using ileum

Note: Use as a supplementary code when associated with concurrent total excision of bladder (M34)

M24.5 Creation of continent cystostomy NEC
M24.6 Creation of continent cystostomy using appendix
Includes: Appendicovesicostomy

M24.7 Creation of continent cystostomy using ileum
M24.8 Other specified
M24.9 Unspecified

M27 Therapeutic ureteroscopic operations on ureter
Includes: Endoscopic removal of calculus from ureter NEC

M28 Other endoscopic removal of calculus from ureter
Includes: Cystoscopic removal of calculus from ureter

M28.1 Endoscopic laser fragmentation of calculus of ureter NEC Code retired - refer to introduction
M28.2 Endoscopic fragmentation of calculus of ureter NEC Code retired - refer to introduction
M28.3 Endoscopic extraction of calculus of ureter NEC Code retired - refer to introduction

M31.1 Extracorporeal shockwave lithotripsy of calculus of ureter
Includes: Shockwave lithotripsy of calculus of ureter

M34 Total excision of bladder
Note: Use a supplementary code for concurrent construction of ileal conduit (M19.1)
Use a supplementary code for concurrent construction of urinary diversion (M19.2)

M38.3 Cystostomy NEC
Excludes: Creation of continent cystostomy (M24.5-M24.7)

M65.6 Endoscopic ablation of prostate using steam

Chapter N - MALE GENITAL ORGANS
N27.4 Extracorporeal shockwave lithotripsy to lesion of penis  
Includes: Shockwave lithotripsy to lesion of penis

Chapter P - LOWER FEMALE GENITAL TRACT

P13.2 Female perineorrhaphy  
Includes: Immediate and non-immediate repair of laceration of perineum following termination of pregnancy  
Excludes: Colpoperineorrhaphy (P25.5)  
Note: Use as a supplementary code for concurrent colporrhaphy (P23)

P14.9 Unspecified  
Includes: Episiotomy to facilitate delivery of terminated fetus

P23 Other repair of prolapse of vagina  
Note: Use a supplementary code for concurrent perineorrhaphy (P13.2)

P25.5 Suture of vagina  
Includes: Colpoperineorrhaphy  
Immediate and non-immediate suture of laceration of vagina following termination of pregnancy

P31.7 Extirpation of lesion of pouch of Douglas

Chapter Q - UPPER FEMALE GENITAL TRACT

Q09.1 Open removal of products of conception from uterus  
Includes: Caesarean delivery of terminated fetus  
Open delivery of terminated fetus

Q11.3 Evacuation of products of conception from uterus NEC  
Includes: Removal of products of conception from delivered uterus following termination of pregnancy

Q16.7 Radiofrequency ablation of lesion of uterus

Q20.3 Manual manipulation of uterus  
Includes: Manual manipulation of uterus following termination of pregnancy

Q20.5 Exploration of uterus NEC  
Includes: Exploration of delivered uterus following termination of pregnancy

Q20.7 Destruction of lesion of uterus NEC

Q58 Delivery of terminated fetus  
Excludes: Open removal of products of conception from uterus (Q09.1)  
Other evacuation of contents of uterus (Q11)  
Note: Use a subsidiary code to identify gestational age (Y95)

Q58.1 Cephalic delivery of terminated fetus

Q58.2 Breech delivery of terminated fetus  
Includes: Assisted breech delivery of terminated fetus NEC

Q58.8 Other specified
Q58.9 Unspecified

Chapter R - FEMALE GENITAL TRACT ASSOCIATED WITH PREGNANCY, CHILDBIRTH AND PUERPERIUM

R01.2 Fetoscopic insertion of tracheal plug for congenital diaphragmatic hernia
R01.3 Fetoscopic removal of tracheal plug

R02.2 Fetoscopic examination of fetus and fetoscopic sampling of fetal blood
Excludes:  
  - Sampling of fetal blood NEC (R13.1)
  - Amnioscopic sampling of fetal blood (R13.1)
  - Sampling of fetal blood using vaginal approach (R13.1)

R04 Therapeutic percutaneous operations on fetus
  Note:  Principal category, extended at R11

R04.6 Percutaneous insertion of fetal tracheal plug for congenital diaphragmatic hernia

R05.2 Percutaneous sampling of fetal blood
Excludes:  
  - Sampling of fetal blood NEC (R13.1)
  - Amnioscopic sampling of fetal blood (R13.1)
  - Sampling of fetal blood using vaginal approach (R13.1)

R06.1 Selective feticide NEC

R06.3 Percutaneous selective feticide by vascular occlusion of umbilical cord

R09 Open operations on fetus
  Note:  Use a subsidiary code to identify gestational age (Y95)
R09.1 Open repair of meningomyelocele of fetus
R09.8 Other specified
R09.9 Unspecified

R11 Other therapeutic percutaneous operations on fetus
  Note:  Principal R04
        Use a subsidiary code to identify gestational age (Y95)
R11.1 Percutaneous removal of fetal tracheal plug
R11.8 Other specified
R11.9 Unspecified

R12 Operations on gravid uterus
Excludes:  Other operations on uterus (Q20)

R13 Other operations on fetus
  Note:  Use a subsidiary code to identify gestational age (Y95)
R13.1 Sampling of fetal blood NEC
  Includes:  Amnioscopic sampling of fetal blood
           Sampling of fetal blood using vaginal approach
R13.8 Other specified
R13.9 Unspecified
R17  Elective caesarean delivery
   Excludes:  Open delivery of terminated fetus (Q09.1) or Caesarean delivery of terminated fetus (Q09.1)

R18  Other caesarean delivery
   Excludes:  Open delivery of terminated fetus (Q09.1) or Caesarean delivery of terminated fetus (Q09.1)

R19  Breech extraction delivery
   Excludes:  Delivery of terminated fetus (Q58)

R20  Other breech delivery
   Excludes:  Delivery of terminated fetus (Q58)

R21  Forceps cephalic delivery
   Excludes:  Delivery of terminated fetus (Q58)

R22  Vacuum delivery
   Excludes:  Delivery of terminated fetus (Q58)

R23  Cephalic vaginal delivery with abnormal presentation of head at delivery without instrument
   Excludes:  Delivery of terminated fetus (Q58)

R24  Normal delivery
   Excludes:  Delivery of terminated fetus (Q58)

R25  Other methods of delivery
   Excludes:  Delivery of terminated fetus (Q58)

R27  Other operations to facilitate delivery
   Excludes:  Operations to facilitate delivery of terminated fetus (P14)

R29  Manual removal of products of conception from delivered uterus
   Excludes:  Operations performed following termination of pregnancy (Q10, Q11)

R30  Other operations on delivered uterus
   Excludes:  Operations performed for termination of pregnancy (Q09, Q20)

R30.4  Manual exploration of delivered uterus NEC
   Excludes:  Exploration of delivered uterus following termination of pregnancy (Q20.5)

R38.3  Chorionicity scan

R42  Obstetric doppler  Doppler ultrasound

R42.4  Doppler ultrasound scan of ductus venosus

Chapter S - SKIN

S17.4  Distant myocutaneous free flap to head or neck
S17.5  Distant myocutaneous free flap NEC
S18.4 Distant fasciocutaneous free flap to head or neck
S18.5 Distant fasciocutaneous free flap NEC

S20.6 Distant free flap of skin to head or neck NEC
S20.7 Distant free flap of skin NEC

S29 Distant flap of skin and bone
S29.1 Distant osteocutaneous pedicle flap to head or neck
Includes:  Distant osteocutaneous subcutaneous pedicle flap to head or neck
  Distant osteofasciocutaneous pedicle flap to head or neck
  Distant osteofasciocutaneous subcutaneous pedicle flap to head or neck

S29.2 Distant osteocutaneous pedicle flap NEC
Includes:  Distant osteocutaneous subcutaneous pedicle flap NEC
  Distant osteofasciocutaneous pedicle flap NEC
  Distant osteofasciocutaneous subcutaneous pedicle flap NEC

S29.3 Distant osteocutaneous flap to head or neck NEC
Includes:  Distant osteofasciocutaneous flap to head or neck NEC

S29.4 Distant osteocutaneous free flap to head or neck
Includes:  Distant osteofasciocutaneous free flap to head or neck

S29.5 Distant osteocutaneous free flap NEC
Includes:  Distant osteofasciocutaneous free flap NEC

S29.8 Other specified
S29.9 Unspecified
Includes:  Distant osteocutaneous flap NEC
  Distant osteofasciocutaneous flap NEC

S32 Distant flap of skin and multiple tissues
S32.1 Distant osteomusculocutaneous pedicle flap of head or neck
Includes:  Distant osteomusculocutaneous subcutaneous pedicle flap of head or neck

S32.2 Distant osteomusculocutaneous pedicle flap NEC
Includes:  Distant osteomusculocutaneous subcutaneous pedicle flap NEC

S32.3 Distant osteomusculocutaneous flap to head or neck NEC
S32.4 Distant osteomusculocutaneous free flap to head or neck
S32.8 Other specified
S32.9 Unspecified
Includes:  Distant osteomusculocutaneous flap NEC

S48 Insertion of skin expander into subcutaneous tissue
Includes:  Insertion of skin expander into submuscular tissue

S49 Attention to skin expander in subcutaneous tissue
Includes:  Attention to skin expander in submuscular tissue

S53.7 Application of dermal substitute to skin

Chapter T - SOFT TISSUE

T12.4 Insertion of tube drain into pleural cavity
Includes:  Insertion of tunnelled catheter into pleural cavity

T12.5 Attention to tube drain into pleural cavity
Includes:  Attention to tunnelled catheter in pleural cavity

T12.6 Insertion of tunnelled catheter into pleural cavity
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<td>T12.7</td>
<td>Attention to tunnelled catheter in pleural cavity</td>
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<td>T30.5</td>
<td>Packing of abdominal cavity</td>
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<td><em>Excludes:</em> Packing of laceration of liver (J04.3)</td>
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<td>T41.6</td>
<td>Excision of peritoneum</td>
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<td>T42.5</td>
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<td><em>Includes:</em> Endoscopic peritonectomy NEC</td>
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<td>T54.1</td>
<td>Division of palmar fascia NEC</td>
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<td>T54.2</td>
<td>Division of plantar fascia NEC</td>
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<td>T54.3</td>
<td>Needle fasciotomy of palmar fascia</td>
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<tr>
<td>T54.4</td>
<td>Needle fasciotomy of plantar fascia</td>
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<td>T57.5</td>
<td>Injection of therapeutic substance into fascia</td>
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<td>T74.5</td>
<td>Extracorporeal shockwave lithotripsy of calculus of tendon</td>
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<td><em>Includes:</em> Shockwave lithotripsy of calculus of tendon</td>
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<td>T74.7</td>
<td>Injection of stem cells into tendon</td>
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<td>T96.5</td>
<td>Aspiration of soft tissue NEC</td>
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<td>T96.6</td>
<td>Biopsy of soft tissue NEC</td>
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<td>T96.7</td>
<td>Injection into soft tissue NEC</td>
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**Chapter U - DIAGNOSTIC IMAGING, TESTING AND REHABILITATION**

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<td>Resting diagnostic electrocardiography</td>
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<td>U20</td>
<td>Diagnostic echocardiography</td>
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<td><em>Note:</em> Use subsidiary codes to identify radiology with contrast (Y97),</td>
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<td>radiology procedures (Y98)</td>
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<td>U25.5</td>
<td>Gastric emptying breath test</td>
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<td>U29</td>
<td>Diagnostic endocrinology</td>
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<td><em>Note:</em> Principal category, extended at U38</td>
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<tr>
<td>U35.2</td>
<td>Laser doppler Doppler ultrasound velocimetry</td>
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<tr>
<td>U35.3</td>
<td>Transcranial doppler Doppler ultrasound velocimetry</td>
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<td>U35.5</td>
<td>Computed tomography angiography</td>
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<td><em>Includes:</em> Computed tomography venography</td>
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<td>U36.5</td>
<td>Cone beam computed tomography NEC</td>
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<td>radiology procedures (Y98)</td>
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</table>
U38 Other diagnostic endocrinology
   Note: Principal U29
U38.1 Saline suppression test
U38.8 Other specified
U38.9 Unspecified

U40.3 Skin prick test

U41 Provocation test
   Includes: Challenge test
   Excludes: Provocation phototesting (U28.3)
           Cardiac provocation test (U34.1)
U41.1 Oral food provocation test
U41.2 Oral drug provocation test
U41.8 Other specified
U41.9 Unspecified

Chapter V - BONES AND JOINTS OF SKULL AND SPINE

V22 Primary decompression operations on cervical spine
   Note: Principal category, extended at V69
V23 Revisional decompression operations on cervical spine
   Note: Principal category, extended at V70
V24.6 Primary posterior laminectomy decompression of thoracic spine
V24.7 Revisional posterior laminectomy decompression of thoracic spine
V69 Other primary decompression operations on cervical spine
   Note: Principal V22
   Use an additional code to specify levels of spine (V55)
V69.1 Primary posterior laminectomy decompression of cervical spine
V69.8 Other specified
V69.9 Unspecified
V70 Other revisional decompression operations on cervical spine
   Note: Principal V23
   Use an additional code to specify levels of spine (V55)
V70.1 Revisional posterior laminectomy decompression of cervical spine
V70.8 Other specified
V70.9 Unspecified

Chapter W - OTHER BONES AND JOINTS

W17.6 Traction lengthening of bone with intramedullary fixation
W71.5 Open stem cell implantation into articular structure
W81 Other open operations on joint
   Note: Principal category, extended at O35
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<td>Endoscopic stem cell implantation into articular cartilage</td>
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<td>Conversion to reverse polarity total prosthetic replacement of shoulder joint using cement (O37.1)</td>
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<td>Revision of one component of total prosthetic replacement of shoulder joint using cement</td>
<td>Revision of one component of reverse polarity total prosthetic replacement of shoulder joint using cement (O37.2)</td>
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<td>Conversion from reverse polarity total prosthetic replacement of shoulder joint using cement (O37.0)</td>
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<td>Conversion to total prosthetic replacement of shoulder joint not using cement</td>
<td>Conversion to reverse polarity total prosthetic replacement of shoulder joint not using cement (O38.1)</td>
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<td>Revision of one component of reverse polarity total prosthetic replacement of shoulder joint not using cement (O38.2)</td>
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<td>Conversion from reverse polarity total prosthetic replacement of shoulder joint not using cement (O38.0)</td>
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<td>Conversion to total prosthetic replacement of shoulder joint NEC</td>
<td>Conversion to reverse polarity total prosthetic replacement of shoulder joint NEC (O39.1)</td>
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<td>W98.4</td>
<td>Attention to total prosthetic replacement of shoulder joint NEC</td>
<td>Attention to reverse polarity total prosthetic replacement of shoulder joint NEC (O39.2)</td>
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<td>W98.5</td>
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<td>Revision of one component of reverse polarity total prosthetic replacement of shoulder joint NEC (O39.2)</td>
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<td>Conversion from total prosthetic replacement of shoulder joint NEC</td>
<td>Conversion from reverse polarity total prosthetic replacement of shoulder joint NEC (O39.0)</td>
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<td>O06</td>
<td>Hybrid prosthetic replacement of shoulder joint using cemented humeral component</td>
<td>Reverse polarity hybrid prosthetic replacement of shoulder joint using cement (O40)</td>
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<td>O07</td>
<td>Hybrid prosthetic replacement of shoulder joint using cemented glenoid component</td>
<td>Reverse polarity hybrid prosthetic replacement of shoulder joint using cement</td>
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</table>
## OPCS-4.8 to OPCS-4.9 Summary of Core Changes

**O08** Hybrid prosthetic replacement of shoulder joint using cement

Excludes: Reverse polarity hybrid prosthetic replacement of shoulder joint using cement (O40)

**O35** Open operations on joint

Note: Principal W81

**O35.1** Attention to therapeutic joint spacer

**O35.8** Other specified

**O35.9** Unspecified

**O37** Reverse polarity total prosthetic replacement of shoulder joint using cement

Excludes: Primary reverse polarity total prosthetic replacement of shoulder joint using cement (W96.5)

Revision of reverse polarity total prosthetic replacement of shoulder joint using cement (W96.6)

**O37.1** Conversion to reverse polarity total prosthetic replacement of shoulder joint using cement

**O37.2** Revision of one component of reverse polarity total prosthetic replacement of shoulder joint using cement

**O37.8** Other specified

**O37.9** Unspecified

**O37.0** Conversion from reverse polarity total prosthetic replacement of shoulder joint using cement

**O38** Reverse polarity total prosthetic replacement of shoulder joint not using cement

Excludes: Primary reverse polarity total prosthetic replacement of shoulder joint not using cement (W97.5)

Revision of reverse polarity total prosthetic replacement of shoulder joint not using cement (W97.6)

**O38.1** Conversion to reverse polarity total prosthetic replacement of shoulder joint not using cement

**O38.2** Revision of one component of reverse polarity total prosthetic replacement of shoulder joint not using cement

**O38.8** Other specified

**O38.9** Unspecified

**O38.0** Conversion from reverse polarity total prosthetic replacement of shoulder joint not using cement

**O39** Reverse polarity total prosthetic replacement of shoulder joint

Includes: Reverse polarity total prosthetic replacement of shoulder joint NEC

Excludes: Primary reverse polarity total prosthetic replacement of shoulder joint NEC (W98.6)

Revision of reverse polarity total prosthetic replacement of shoulder joint NEC (W98.7)

**O39.1** Conversion to reverse polarity total prosthetic replacement of shoulder joint NEC

**O39.2** Attention to reverse polarity total prosthetic replacement of shoulder joint NEC

**O39.3** Revision of one component of reverse polarity total prosthetic replacement of shoulder joint NEC

**O39.8** Other specified

**O39.9** Unspecified
O39.0  Conversion from reverse polarity total prosthetic replacement of shoulder joint NEC

O40  Reverse polarity hybrid prosthetic replacement of shoulder joint using cement
    Includes:  Reverse polarity hybrid prosthetic replacement of shoulder joint NEC
    Note:  Use a subsidiary site code to identify cemented component (Z68.4, Z69.1)

O40.1  Primary reverse polarity hybrid prosthetic replacement of shoulder joint using cement

O40.2  Conversion to reverse polarity hybrid total prosthetic replacement of shoulder joint using cement

O40.3  Revision of reverse polarity hybrid prosthetic replacement of shoulder joint using cement

O40.4  Attention to hybrid reverse polarity total prosthetic replacement of shoulder joint using cement

O40.8  Other specified

O40.9  Unspecified

O40.0  Conversion from previous reverse polarity hybrid prosthetic replacement of shoulder joint using cement

Chapter X - MISCELLANEOUS OPERATIONS

X14.4  Pelvic side wall clearance
    Includes:  Pelvic side wall clearance with internal iliac artery and vein resection

X65  Radiotherapy delivery
    Note:  Principal category, extended at X69

X69  Other radiotherapy
    Note:  Principal X65

X69.1  Delivery of a fraction of hemi-body radiation
    Note:  Use a subsidiary code to identify external beam radiotherapy (Y91)

X69.2  Delivery of a fraction of total skin radiotherapy
    Note:  Use a subsidiary code to identify external beam radiotherapy (Y91)

X69.8  Other specified

X69.9  Unspecified

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Y10.3  Steam ablation of organ NOC
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O

G34.- Opening Stomach Artificial NEC
G34.- Opening Stomach Artificial
R13.- Operations Fetus Other
R13.- Operations Radical refer to Tabular List Introduction
C91.1 Optical Coherence Tomography Eye Anterior Segment
Y45.- Other Control Approach

P

T30.5 Packing Abdominal Cavity
B37.6 Partial Capsulectomy Breast
J07.4 Partition Liver
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<tr>
<td>T42.5</td>
<td>Peritonectomy Access Minimal NEC</td>
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<td>T42.5</td>
<td>Peritonectomy Endoscopic NEC</td>
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<td>T41.6</td>
<td>Peritonectomy NEC</td>
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<td>X32.</td>
<td>Plasmapheresis</td>
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<td>E64.1</td>
<td>Polypectomy Nose Internal Endoscopic</td>
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<td>E85.2</td>
<td>Pressure Airway Continuous Positive Support</td>
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<td>E85.6</td>
<td>Pressure Airway Continuous Positive Support</td>
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R

Radical Operations — refer to Tabular List Introduction

X69.- Radiotherapy Delivery Other
Y91.6 Radiotherapy Electron Beam Intraoperative
O44.- Radiotherapy External Beam Other (Y)
B29.7 Reconstruction Breast Flap Dermoglandular
B29.6 Reconstruction Breast Flap Glandular
B29.6 Reconstruction Breast Remodelling Glandular
E31.- Reconstruction Epiglottis
E31.- Reconstruction Glottis
H35.- Rectopexy Prolapse
F17.5 Removal Bridge Dental

M28.- Removal from Ureter Calculus Endoscopic NEC
M27.- Removal from Ureter Calculus Endoscopic NEC
Y26.6 Removal Organ Mesh Partial NOC
Y26.7 Removal Organ Mesh Total NOC

Removal Spacer Prosthesis Joint - see Attention site Joint
Removal Spacer Prosthesis Joint - see Attention Joint Prosthesis Spacer

A48.6 Removal Spinal Cord Adjacent Neurostimulator
A48.6 Removal Spinal Cord Neurostimulator
Y15.7 Removal Stent Graft NOC
F17.5 Removal Tooth Crown Dental Implant
R11.1 Removal Tracheal Plug Fetal Percutaneous
R01.3 Removal Tracheal Plug Fetoscopic
Y15.2 Renewal Stent Graft NOC

Repair - see also Reconstruction

T28.- Repair Abdominal Wall Anterior
T32.3 Repair Abdominal Wall Anterior Flap NEC
T32.1 Repair Abdominal Wall Anterior Insert Material Natural
T32.2 Repair Abdominal Wall Anterior Insert Material Prosthetic
T32.4 Repair Abdominal Wall Anterior Insert Material Prosthetic & Flap NEC
L28.- Repair Aorta Aneurysmal Stent Endovascular
L27.- Repair Aorta Aneurysmal Stent Graft Endovascular

Repair Aorta Segment Aneurysmal Open - see Replacement Aorta Segment Aneurysmal

A39.- Repair Dura
A39.- Repair Brain Dura

R09.1 Repair Fetus Meningomyelocele Open
H36.- Repair Muscle Levator Ani
H36.- Repair Muscle Levator Ani Rectum Prolapse
H36.1 Repair Pelvic Floor Muscle NEC
H36.1 Repair Muscle Pelvic Floor Rectum Prolapse
H36.1 Repair Muscle Pelvic Floor NEC
H36.1 Repair Pelvic Floor Muscle Rectum Prolapse
P13.2 Repair Perineum Laceration following Termination Pregnancy
J34.- Repair Sphincter Oddi Plastic
J34.- Repair Sphincter Oddi Plastic Approach Duodenal
A51.5 Repair Spinal Cord Dura
A51.5 Repair Thecal Sac
O40.- Replacement Joint Shoulder Hybrid Prosthetic Reverse Polarity Cemented (W)
O37.- Replacement Joint Shoulder Prosthetic total Reverse Polarity Cemented (W)
O37.2 Replacement Joint Shoulder Prosthetic Total Reverse Polarity Cemented Revision One Component (W)
O39.- Replacement Joint Shoulder Prosthetic Total Reverse Polarity NEC (W)
O39.3 Replacement Joint Shoulder Prosthetic Total Reverse Polarity Revision One Component NEC (W)
O38.2 Replacement Joint Shoulder Prosthetic Total Reverse Polarity Uncemented Revision One Component (W)
O38.- Replacement Joint Shoulder Prosthetic Total Reverse Uncemented (W)
M33.3 Replacement Ureteric Stent Metallic NEC
M33.3 Replacement Ureteric Stent Metallic Percutaneous
M33.4 Replacement Ureteric Stent Plastic NEC
M33.4 Replacement Ureteric Stent Plastic Percutaneous
E34.- Resection Epiglottis Lesion Endoscopic Microtherapeutic
E34.- Resection Glottis Lesion Endoscopic Microtherapeutic
Y15.4 Resiting Stent Graft NOC

S

R13.1 Sampling Fetal Blood Amnioscopic
R13.1 Sampling Fetal Blood Approach Vaginal
R13.1 Sampling Fetal Blood NEC
R38.3 Scan Chorionicity
X32.- Separation Plasma
J39.4 Sphincteroectomy Ampulla Vater Endoscopic & Insertion Prosthesis Tubal
J39.3 Sphincteroectomy Ampulla Vater Endoscopic & Removal Calculus HFQ
J39.2 Sphincteroectomy Ampulla Vater Endoscopic NEC
J34.- Sphincteroscopy Papilla Vater
J34.- Sphincteroscopy Papilla Vater Approach Duodenal
T41.6 Stripping Peritoneum
T42.5 Stripping Peritoneum Access Minimal
T42.5 Stripping Peritoneum Endoscopic
E92.7 Study Nitric Oxide Concentration Exhaled
P25.5 Suture Vagina Laceration following Termination Pregnancy

T

O36.1 Teeth site NEC (Z)
U25.5 Test Breath Gastric Emptying
U41.2 Test Drug Provocation Oral
U41.1 Test Food Provocation Oral
A84.7  Test Maintenance Wakefulness
U41.-  Test Provocation
U38.1  Test Saline Suppression
U40.3  Test Skin Prick
A84.7  Test Sleep Latency Multiple
L35.4  Thrombectomy Artery Cerebral Transluminal Percutaneous

U35.5  Tomography Angiography Computed
C91.1  Tomography Eye Anterior Segment Optical Coherence
U35.5  Tomography Venography Computed
C51.6  Topography Cornea
B37.4  Total Capsulectomy Breast
J07.4  Transection Liver
W03.4  Transfer Tendon Extensor Hallucis Longus & Fusion Joint Interphalangeal Toe
Z72.5  Trapezium site
G34.5  Tube Gastrostomy Attention
G60.4  Tube Jejunostomy Attention

G67.5  Tube Jejunum Feeding Nasojejunal
G47.5  Tube Stomach Feeding Nasogastric

U

Y68.1  Ultrasonic Contrast Enhanced Control Approach
H62.7  Ultrasound Bowel Lower Endoanal
H62.7  Ultrasound Bowel Lower Endorectal
R42.4  Ultrasound Ductus Venosus Fetus Doppler

V

Q58.-  Vaginal Delivery Terminated Fetus
Y17.4  Vapourisation Lesion NOC
Y10.4  Vapourisation Organ NOC
Z91.6  Vein Basilic site
O43.1  Vein Cardiac site NEC (Z)
Z91.7  Vein Jugular site

Section II Alphabetical Index of Surgical Eponyms

M

M19.2  Mitrofanoff Urinary Diversion
M19.-  Mitrofanoff Urinary Diversion

Section III Alphabetical Index of Surgical Abbreviations

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<thead>
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<th>Code</th>
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<tr>
<td>E85.2</td>
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<tr>
<td>E85.6</td>
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<td>E89.5</td>
<td>MIE</td>
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<td>Mechanical Insufflation Exsufflation</td>
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Appendix 1

Changes included/omitted in error from the original Summary of Changes published in October 2019.

The table in the Number of Changes section has been updated to reflect the changes made. The changes do not affect the OPCS-4.9 Data files (Metadata, Codes and Titles, Table of Coding Equivalences and XML files)

Changes to Volume 1 – Tabular List

Chapter X - MISCELLANEOUS OPERATIONS

The Notes at the following codes were omitted and have been added to this document:

<table>
<thead>
<tr>
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<td>X69.1</td>
<td>Delivery of a fraction of hemi-body radiation</td>
<td>Use a subsidiary code to identify external beam radiotherapy (Y91)</td>
</tr>
<tr>
<td>X69.2</td>
<td>Delivery of a fraction of total skin radiotherapy</td>
<td>Use a subsidiary code to identify external beam radiotherapy (Y91)</td>
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</table>

Changes to Volume 2 – Alphabetical Index

Section I Alphabetical Index of Interventions and Surgical Procedures

M

The following Index entry was included in this document in error and has been removed:

Q17.1 Myomectomy Endoscopic Access Minimal