

NOMESCO Classification of Surgical Procedures

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Nordic Medico-Statistical Committee (NOMESCO)

NOMESCO Classification of Surgical Procedures (NCSP), version 1.12

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Nordic Centre for Classifications in Health Care

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Preface to NOMESCO Classification of Surgical Procedures Version 1.12

The Nordic Medico-Statistical Committee (NOMESCO) published the first printed edition of the NOMESCO Classification of Surgical Procedures (NCSP) in 1996. Denmark introduced a Danish version of NCSP (NCSP-D) the same year. In 1997, Finland and Sweden introduced national versions (NCSP-F and NCSP-S respectively), whereas Iceland implemented the Nordic (English-language) version of NCSP (NCSP-E). In 1999, Norway adopted a Norwegian version of NCSP (NCSP-N). Thus all five Nordic countries are using NCSP since 1999.

A procedure for annual updating of NCSP has been established. The responsibility for updating the classification lies with the Nordic Centre for Classifications in Health Care, in Uppsala, Sweden. The Centre maintains an electronic discussion group for suggested changes and a Reference group for Nordic classification matters which makes formal recommendations as to changes in the classification. The formal decisions are taken by the Board of the Nordic Centre. Information on the NCSP update routine can be found in the section on Structure and classification guidelines. The Nordic version of NCSP has been updated eleven times. NCSP Version 1.12 is effective from January 1, 2008.

NOMESCO and the Nordic Centre have decided to make new printed copies of the Nordic version of NCSP available to interested parties on a print-on-demand basis. This book is thus a printed version of NCSP 1.12. The book includes the original preface to the basic Nordic edition of NCSP as well as the guidelines on the structure and use of the classification. The body of the classification incorporates all ten updates made so far which have been fully integrated in the text.

The first revision consisted mainly of corrections to the original version, whereas later revisions introduce new codes which can be seen as a development of the classification. These changes are based on suggestions from national classification authorities and the discussion in the electronic forum. The changes introduced between the eleventh and twelfth revisions are presented in Appendix 2. The changes in the earlier revisions are presented at the website of the Nordic Centre (<http://www.nordclass.uu.se/>).

There is also a complete table of NCSP-E codes and codetexts available at the Centre website. This database includes all earlier changes to codes and codetexts as well as date for implementation and - when applicable - date of removal or change for each code.

Questions about the maintenance and updating procedure should be directed to the Nordic Centre for Classifications in Health Care. Requests for printed versions of NCSP should be directed to NOMESCO. The classification is also available at the website of the Nordic Centre, from where it can be downloaded in PDF-format (<http://www.nordclass.uu.se/>).

Uppsala and Copenhagen November 2007

Martti Virtanen
Head of the Nordic Classification Centre

Johannes Nielsen
Secretary of NOMESCO

Preface to first edition

At the initiative of NOMESCO, a study comparing surgical frequencies and activities in the Nordic countries was set up in the early 1980's and resulted, in 1989, in the publication of an abbreviated Nordic list of surgical procedures for Denmark, Finland, Norway and Sweden.

Based on the experience gained from this work, it was decided to set up a working group, under NOMESCO, to prepare the structure of a common Nordic classification for surgical procedures.

The following persons were appointed as members of the Working Group: Henning Bay-Nielsen, Chairman (Denmark), Peter Sylvest Olsen (Denmark), Timo Niinimäki (Finland) Steffen Birkeland (Norway), Glen Thorsen (Norway), Sven Aschberg (Sweden) (until January 1992), Hubertus van Paaschen (Sweden) (since January 1992) and Björn Smedby (WHO Collaborating Centre for the Classification of Diseases in the Nordic Countries).

The Working Group prepared a proposal for a Nordic classification for surgical procedures which was presented and approved at a Nordic seminar in November 1991.

At the seminar specialists in each area were appointed to prepare the chapters and as contact persons. In all approximately 100 experts have been associated with the project.

The following persons have been responsible for preparing the chapters:

Steffen Birkeland and Glen Thorsen (Norway): Structure and classification guidelines

Olli Heiskanen (Finland): Chapter A. Nervous system.

Arto Sivula (Finland): Chapter B. Endocrine system.

Henry Aasved (Norway): Chapter C. Eye and adjacent structures.

Magnus Lind (Sweden): Chapter D. Ear, nose and larynx.

Pentti Ahonen and Heikki Puhakka (Finland): Chapter E. Teeth, jaws, mouth and pharynx.

Odd Geiran (Norway): Chapter F. Heart and major thoracic vessels.

Nils B. Fjeld (Norway): Chapter G. Chest wall, pleura, mediastinum, diaphragm, trachea, bronchus and lung.

Börje Sundell (Finland): Chapter H. Mammary gland.

Glen Thorsen (Norway): Chapter J. Digestive system and spleen.

Henning Bay-Nielsen (Denmark): Chapter K. Urinary system, male genital organs and retroperitoneal space.

Karin Pihl (Sweden): Chapter L. Female genital organs.

Karin Pihl (Sweden): Chapter M. Obstetric procedures.

Niels Dieter Röck (Denmark): Chapter N. Musculo-skeletal system.

David Bergqvist and Staffan Törngren (Sweden): Chapter P. Peripheral vessels and lymphatic system.

Börje Sundell (Finland): Chapter Q. Skin.

PREFACE

The chapters T, U, X, Y and Z have been prepared by the Editorial Committee, which had the following members:

Henning Bay-Nielsen, Chairman (Denmark), *Timo Niinimäki* (Finland), *Jónas Magnússon* (Iceland), *Steffen Birkeland* (Norway) (until July 1995), *Glen Thorsen* (Norway) (from January 1995) and *Hubertus van Paaschen* (Sweden). Since the seminar held in November 1991, the Editorial Committee has been responsible for the coordination of final decisions concerning the classification.

The Secretary of NOMESCO, *Johannes Nielsen*, has been Secretary to the Working Group and the Editorial Committee.

The translation into English has been undertaken by *Glen Thorsen*.

Henning Bay-Nielsen
Chairman of the Editorial Committee

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Structure and classification guidelines

Introduction

The Classification of Surgical Procedures (NCSP) is based on the traditions of the surgical profession in the Nordic countries and reflects surgical practice in these countries in 1994. It constitutes the first common Nordic classification of surgical procedures.

In producing this classification attention has been paid to generally accepted requirements for surgical procedure components as seen in concurrent classification development. In addition the classification is designed to give reasonable scope for expansion to meet anticipated future advances in the field of surgical procedures. With these updates the NCSP is expected to do good service as a regional classification for some years.

Classification structure

Overview

The NCSP consists of 15 *main chapters* (A-H, J-N, P-Q) of surgical procedures arranged according to functional-anatomic body system, four *subsidiary chapters* (T, U, X, Y) containing therapeutic and investigative procedures associated with surgery and one *supplementary chapter* (Z).

The subsidiary chapters are: Minor surgical procedures (T), Transluminal endoscopy – through natural or artificial body orifices (U), Investigative procedures connected with surgery (X), Procurement of organs and tissue for transplantation (Y).

The procedure codes of the main and subsidiary chapters A-Y are basic procedure codes, each assigned as a unique identifier to a uniquely defined procedure. The basic procedure codes include and represent all accepted surgical procedures and constitute the only complete and independent procedure codes. The supplementary codes of chapter Z serve as general procedure qualifiers, providing additional information to the basic procedure codes. They are always appended to basic procedure codes, and may never be used alone.

Procedure codes described

The NCSP codes consist of three alphabetic characters (positions 1-3 of the code) and two numeric characters (positions 4-5 of the code). All upper-case characters of the English alphabet are permitted as alphabetic characters, except I and O.

The procedure codes are independent of surgical speciality.

Diagnostic information is excluded from procedure codes as a matter of principle, except in procedures that are unique to the diagnosis, and where the diagnostic information is necessary to achieve a concise procedure designation.

E.g.:

FHE 00 Transatrial repair of tetralogy of Fallot

FHH 10 Expansion of VSD in double outlet ventricle

The basic procedure codes will be found at only one place in the classification. The way in which a procedure is related to the functional-anatomical axis determines the position of the code within the classification. In the case of exclusions cross-references to the appropriate codes, code groups or chapters will generally be given.

In order to relate the basic procedure codes to general patient data (e.g. age and sex, etc.), administrative data and elements from other classifications (e.g. diagnosis and histology), computer support is virtually essential. A complete sequential list of codes without annotation will be supplied in text and file formats to facilitate integration into clinical computer systems.

Main chapters A-Q

In the main chapters, the codes are composed as follows:

- The first level (position 1) of the code denotes the chapter, representing in the 15 main chapters the functional-anatomical body system group, *e.g.*: A – Nervous system.
- The second level (position 2) denotes the functional-anatomical region within the body system in question, *e.g.*: AA – Skull and intracranial structures.
- The third level (position 3) denotes the general method of the procedure (procedure group), *e.g.*: AAA – Diagnostic intracranial procedures.
- The numeric characters of the code, (positions 4 and 5), identify the specific procedure within the procedure group, including surgical technique and precise anatomical location.

With this structure, the sequence of character positions within the code has a uniform significance throughout the 15 main chapters of the classification.

Subordinate chapters T-Y

In the subordinate chapters, the body system, corresponding to a main chapter, and body region, corresponding to a main chapter body region group, are denoted by positions 2 and 3 of the code, *e.g.*: UD – Transluminal endoscopy of ear, nose and larynx corresponding to chapter D – Ear, nose and larynx, and UDAQ – Laryngoscopy corresponding to DQ – Larynx. In these chapters positions 4-5 are used to characterise method and technique (procedure) in a manner suitable to the contents of the chapter.

Supplementary chapter Z

The supplementary codes of chapter Z are general qualifiers, applicable in principle to all main and subordinate chapters. The basic procedure codes are not changed in definition or code designation by the addition of one or more supplementary codes.

The character Z in position 1 of the code denotes the chapter as in all other chapters. Characters X, Z and S in position 2 of the code denote unspecified region. The codes are available to characterise procedures of all other chapters. In case a group of codes is specific to a main or subsidiary chapter, the second character identifies the corresponding chapter.

As of this updated edition, the following groups exist:

- ZF codes specify the use of certain techniques in surgery of the heart and major thoracic vessels (chapter F).
- ZL codes specify the use of certain techniques in gynaecological surgery (chapter L).
- ZX codes characterise various circumstances and events pertaining to the execution of the procedures described in the main and subordinate chapters of the NCSP.
- ZZ codes characterise reconstructive use of tissue: Free tissue transplants (excluding bone and tissue of the eye and orbit); flaps and free microvascular grafts, including composite flaps and microvascular grafts with bone. The codes specify the nature and origin of such transplants or flaps. Finally, there are ZZ codes for the use of tissue expanders in addition to or as an alternative to tissue transplantation.
- ZS codes link the present procedure to previous surgery, with the addition of a position 3 character indicating the main or subordinate chapter of previous surgery.

For future editions, chapter Z groups specific to other main or subsidiary chapters may be developed. However, chapter Z groups specific to chapter X are not envisaged.

Specific elements of the code structure

In all chapters except chapter Z, the use of certain characters in certain positions of the code carries particular significance in the following manner:

- X in position 2 denotes unspecified region within the body system in question.
- W in position 2 denotes reoperations, without specification of region within the body system in question.
- W in position 3 denotes possible procedure groups not presently found in the classification (“Other procedure” groups).
- 9 in position 4 represents possible “other procedures” in the same manner as W in position 3 represents “other procedure groups”.

In the main chapters relating to the major body cavities: G (Chest wall, pleura, mediastinum, diaphragm, trachea, bronchus and lung), J (Digestive system and spleen), K (Urinary system, male genital organs and retroperitoneal space), L (Female genital organs) and M (Obstetric procedures), the position 5 numeric character describes the procedure approach in the following manner:

- 0, 3 and 6 denote: Open or otherwise conventional approach (including blind percutaneous approach).
- 1, 4 and 7 denote: Endoscopic approach through incision or stab (including percutaneous, transvaginal, &c.).
- 2, 5 and 8 denote: Transluminal endoscopic approach (through natural or artificial body orifice).

In chapter F (Heart and major thoracic vessels), the same applies, with the exception that numeric characters 2, 5 and 8 are used for percutaneous transluminal procedures, with or without endoscopy.

In Chapter B (Endocrine system), where transluminal endoscopy is not an option, the position 5 numerals 1, 4 and 7 are reserved for percutaneous endoscopic procedures in the same manner. These are found only in group BC (Adrenal gland). Position 5 numerals 0, 2, 3, 5, 6 and 8 all denote a conventional approach as described above.

In chapters F, G, J, K, L and M, the same position 5 numeric character is used to denote the approach for "other" procedures with the position 4 numeric character 9. In chapters or procedure groups where this use of position 5 to describe the approach does not apply, "other" procedures are described by numeric characters 99 in position 4-5.

In chapter U (Transluminal endoscopy), and in the anatomical groups of chapters T and X relating to main chapters F, G and J-M, wherever appropriate, arrangement of the position 4-5 numeric characters is the same as for the corresponding main chapters.

Guidelines for classification

General guidelines

It is a matter of principle that each and every procedure performed should be characterised by a procedure description (code from the main or subordinate chapters A-Y) as precisely and unambiguously as possible, and always specified to the full five alphanumeric characters of the code. This guideline also applies to the position 4-5 numeric characters 96, 97, 98 and 99 as described above. These codes should not be used as unspecified codes, only to characterise (new) procedures not found in the NCSP. However each of these codes will encompass any number of possible procedures belonging to the procedure group (position 3 group) in question.

The supplementary codes (of chapter Z) are always appended to basic procedure codes, and may never be used alone. They serve only as general procedure qualifiers.

Besides the present guidelines for classification, the individual chapters are provided with detailed instructions in the form of short explanatory texts – inclusions, exclusions, cross-references, pointers to additional codes.

E.g.:

JDD Total gastrectomy

Includes: Omentectomy and resection of adjacent oesophagus

Includes: Local lymph node dissection

Additional code for extended lymph node dissection, see: PJD 98

Concurrent thoracotomy, see: GAB 10

Concurrent splenectomy, see: JMA 10

Subtotal gastrectomy, see: JDC

JDD 00 Total gastrectomy and Roux-en-Y oesophagojejunostomy

JDD 96 Total gastrectomy with other reconstruction

Includes: With construction of reservoir

The use of *Includes:* above denotes technical aspects or detail modifications of the procedure that fall within the procedure as delimited by the code, but need not necessarily be mandatory for the use of the code. In other instances *Includes:* may denote synonyms to the terms used in the basic code text.

Notes on terminology

- The code texts are descriptive and intended to be representative of the usage among surgeons in the Nordic countries. *The code texts are however not intended to be normative for the terminology used in patient records.*

A code text has a delimiting function, often encompassing several closely related modifications of the surgical procedure, and is designed for the purpose of recording the activity of surgical units. The description of an operation in the patient record may be better served by the use of terms that are more specific or by terminology that is locally accepted and preferred in the individual surgical unit. Provided that the proper procedure codes are used for registration purposes, the NCSP does not aim at replacing surgical terminology in patient records with the basic code texts of the NCSP.

- Open procedures are not usually specified as such in the code texts. Unless otherwise specified, an open approach is assumed.
- The term “excision” embraces extirpation, resection, enucleation and procedures of the same nature, and may be specified as partial or total.

Excisional terms with the suffix “-ectomy” may be partial or total in extent, according to English usage, as opposed to Nordic usage where the suffix “-ectomy” is usually reserved for total or near total excision. In the Nordic language versions, the terms “extirpation”, “resection”, “enucleation” and “-ectomy” should be employed when their use describes the procedure in question more precisely and is consistent with established usage in Nordic surgery.

- The term “lesion” embraces all kinds of local tissue changes, that is tumours in the clinical sense as well as flat tissue changes or defects of a neoplastic, inflammatory, traumatic or any other pathological nature.

Matrix codes of chapters A, N and T

The main chapters N (Musculoskeletal system), P (Peripheral vascular system), Q (Skin), body region group AC (Peripheral nerves) of chapter A and group TN (Musculoskeletal system) of Chapter T, contain separate specifications for the position 4-5 numeric characters. In chapters P and Q, the codes are fully developed, whereas in chapter N, group AC and group TN, matrix codes are employed, with place-holder characters representing the numeric character in position 5 of the fully developed code. The purpose of this is to make the text volume more manageable than if all possible codes were to be listed, particularly in chapter N. A lower-case x is used as place-holder in group AC and a lower-case y in chapter N and group TN. Lists of permitted numeric substitutions for the place-holder character of the individual code groups in question are supplied, describing the significance of each permitted numeric character.

It should be noted that while all place-holder substitutions listed in group AC are permitted, there are numerous possible substitutions in the individual code groups of chapter N that may define impossible or nonsensical procedures. (*E.g.*: In some code groups it may be possible to develop a code describing medullary nailing of a bone that lacks a medullary canal, such as the patella.) This possibility is not thought to be of great practical significance, as the need to classify non-existing procedures will not arise. In cases of doubt, reference may be made to the complete sequential list of codes for this chapter, where non-existing procedures have been excluded. Computer systems should be designed to disallow the entry of codes that are not present in the complete list of codes.

It should also be noted that, while the character 9 is frequently listed as an unspecified substitute for place-holder y in position 5 of chapter N codes, this merely reflects the varying level of specification frequently needed for procedures belonging to the same procedure group (position 3 group) of this chapter. Its use to construct unspecified codes where further specification has been developed is not allowed, and such unspecified codes are not found in the complete sequential code list for this chapter.

Code sequence for reoperations and supplementary codes

Reoperations: The code for reoperations (character W in position 2 of the code) should always be the *first* code used to describe the operation and appear before the code or codes for the procedure or procedures executed during the reoperation.

Supplementary codes: Codes from chapter Z should appear *after* the basic code to which the chapter Z code is appended. When more than one supplementary code is employed, ZXA-ZXD and ZZ codes, describing technical details of the individual procedure, should appear before other supplementary codes (ZXE-ZXG and ZS), describing circumstances and events relating to the entire surgical session.

E.g.:

JCE 40 Reconstruction of oesophagus using flap
ZZR 10 Flap of skin and muscle

and optionally:

ZXD 10 Scheduled procedure
ZXE 20 More than three and less than five hours
ZXG 05 Intraoperative closed cardiac compression

Composite procedures and multiple procedures

Some well established standard procedures consist of a set combination of more than one procedure that may otherwise occur independently. When such a standard procedure is frequent and invariably embraces the same component procedures, the combined standard procedure may be allocated a basic code, as a *composite* procedure code.

A composite code is equivalent to any other basic procedure code and represents its content of component procedures, which are not coded separately. *E.g.:*

JAH 20 Staging laparotomy
With systematic lymph node biopsies and biopsy of liver in lymphoma
Concurrent splenectomy, see: JMA 10

In this operation, the mandatory regional lymph node biopsies and liver biopsy are not coded separately. A splenectomy is usually, but not invariably, performed and must be coded separately.

In the case of lymph node excision as part of an operation where the basic procedure code does not embrace lymph node excision, *multiple* codes are employed.

E.g.:

HAB 40 Wedge excision of mammary gland
 PJD 42 Excision of axillary lymph nodes

and optionally:

ZXA 00 Right side

Code sequence in multiple procedures

If more than one procedure is executed at the same time and there is no composite procedure code covering the combination, multiple codes must be registered with the *main procedure* code appearing first and the others in chronological sequence. The main procedure is the procedure that in the judgement of the surgeon is the most extensive and requires most of the resources employed.

E.g.:

GAE 30 Repair of combined injury to chest wall and diaphragm
 AAD 00 Evacuation of epidural haematoma
 EDC 35 Closed reduction and immobilisation of fracture of mandible

and optionally:

ZXD 00 Emergency procedure

Unrelated concurrent procedures are coded as multiple procedures above. *E.g.:*

JKA 20 Cholecystectomy
 JAB 10 Repair of inguinal hernia

and optionally:

ZXD 10 Scheduled procedure

If supplementary codes related to individual procedures are used in multiple procedure coding, they should appear immediately after the procedure to which they belong. *E.g.:*

PDG 10 Operation on infrarenal abdominal aorta for aneurysm
 ZXD 10 Scheduled procedure
 PDE 30 Thrombectomy or embolectomy of iliac artery
 ZXD 00 Emergency procedure
 ZXA 05 Left side

Bilateral operations

When the same operation is performed on both sides, the operation may be coded as two independent procedures sequentially or by use of the common basic procedure code and supplementary code for bilaterality.

E.g.:

NBJ 51 Internal fixation of fracture of humerus using intramedullary nail
 NBJ 51 Internal fixation of fracture of humerus using intramedullary nail

or:

NBJ 51 Internal fixation of fracture of humerus using intramedullary nail
 ZXA 10 Bilateral

Surgical approaches

In procedures where only one surgical approach is possible, a separate code for the approach (*e.g.:* Laparotomy, thoracotomy, craniotomy) is *not* used. Nor should a separate code be used if the simplest or most common approach is used. If a more extensive approach is used, a separate code for this approach may be used.

E.g.:

JBC 00 Gastro-oesophageal antireflux operation
 GAB 10 Antero- or postero-lateral thoracotomy

Routine for annual NCSP updates

Formal decisions on updates are made by the Board of the Nordic Centre for Classifications in Health Care. Decisions are made based on recommendations of the Nordic reference group for health care classifications.

The Nordic reference group requires the following for taking update proposals into consideration:

- Proposals should be approved and submitted by a responsible national classification body.
- The proposal should include a description of the new method and an account of its indications.
- The proposal should also include a rough estimate of how many procedures that are performed per year in the country submitting the proposal, or the expected annual number in the near future.
- References should be included to relevant literature documenting that proposed new codes represent established procedures and not purely experimental procedures.

Sometimes a submission for a new procedure code does not fulfil the above requirements. The Nordic reference group may feel that the proposal is interesting, but needs further investigation. In that case, the group may choose to recommend postponing the decision pending further information from the submitting body.

CHAPTER A

Nervous system

- AA Skull and intracranial structures
- AB Spinal cord and nerve roots
- AC Peripheral nerves
- AD Autonomic nervous system
- AW Reoperations for postoperative complications in neurosurgery
Puncture, needle biopsy and other minor procedures, see: TA

- AA Skull and intracranial structures
Includes: Pituitary gland and pineal gland

AAA *Diagnostic intracranial procedures**Therapeutic implantation of stimulation or injection devices, see: AAW**Stereotactic procedures, see: AAG**Removal of intracranial electrodes, see: AEA*

- AAA 00 Exploratory craniotomy
- AAA 10 Biopsy through craniotomy
Stereotactic intracranial biopsy, see: AAG 00
- AAA 20 Insertion of intraventricular pressure monitoring device
- AAA 25 Insertion of epidural pressure monitoring device
- AAA 27 Insertion of intracerebral pressure monitoring device
- AAA 30 Insertion of epidural electrodes
- AAA 35 Insertion of subdural electrodes
- AAA 40 Insertion of intracerebral electrodes
- AAA 50 Intracranial endoscopy
- AAA 99 Other diagnostic intracranial procedures

AAB *Excision and destruction of intracranial lesion**Includes: Transcranial operation on pituitary gland.**Operations by cranial base approach, see: AAE*

- AAB 00 Extirpation of intracranial lesion
- AAB 10 Partial excision of intracranial lesion
- AAB 20 Destruction of intracranial lesion
- AAB 30 Evacuation of spontaneous intracranial haematoma
- AAB 99 Other excision or destruction of intracranial lesion

AAC *Operations for intracranial aneurysm and other vascular lesions*

Endovascular procedures, see: AAL

- AAC 00 Ligature of intracranial aneurysm
Using clips and similar devices
- AAC 05 Ligature of feeding artery of intracranial aneurysm
- AAC 10 Reinforcement of intracranial aneurysm wall
- AAC 15 Trapping of intracranial aneurysm
- AAC 20 Anastomosis to intracranial vessel
- AAC 30 Intracranial occlusion of vascular fistula
- AAC 40 Extirpation of intracranial arterio-venous malformation
- AAC 99 Other operation for aneurysm or other intracranial vascular lesion

AAD *Operations for head injuries*

Partial excision of skull cap, see: AAK 80

- AAD 00 Evacuation of epidural haematoma
- AAD 05 Evacuation of acute subdural haematoma
- AAD 10 Evacuation of chronic subdural haematoma
- AAD 15 Evacuation of traumatic intracerebral haematoma
- AAD 30 Revision of penetrating or perforating injury of skull
Includes: Removal of intracranial foreign body
- AAD 40 Revision of fracture of skull
Includes: Of depressed fracture
- AAD 99 Other operation for head injury

AAE *Operations by cranial base approach*

Includes: Operations on pituitary gland

- AAE 00 Transsphenoidal exploration
- AAE 10 Transsphenoidal total or partial excision of intracranial lesion
- AAE 20 Transoral total or partial excision of intracranial lesion
- AAE 25 Transcervical total or partial excision of intracranial lesion
- AAE 30 Translabyrinthine total or partial excision of intracranial lesion
- AAE 40 Transtemporal total or partial excision of intracranial lesion
- AAE 50 Zygomaticotemporal total or partial excision of intracranial lesion
- AAE 99 Other operation by cranial base approach

AAF *Shunt operations on ventricles of brain and intracranial cysts*

- AAF 00 Ventriculostomy
External drainage of ventricle of brain
- AAF 05 Ventriculoperitoneal shunt
- AAF 10 Lumboperitoneal shunt
- AAF 15 Ventriculoatrial shunt
- AAF 20 Revision of shunt of ventricle of brain
Intraabdominal revision, see: JAL 50-51
- AAF 25 Removal of shunt of ventricle of brain
- AAF 30 Implantation of intraventricular injection device
- AAF 35 Implantation of reservoir for intraventricular therapy
- AAF 40 Shunt of intracranial cyst to peritoneum
- AAF 45 Fenestration of intracranial cyst
- AAF 99 Other shunt operation on ventricle of brain or intracranial cyst

AAG *Stereotactic intracranial operations*

- AAG 00 Stereotactic intracranial biopsy
- AAG 10 Stereotactic intracranial destruction of nucleus or nerve tract
- AAG 20 Stereotactic intracranial implantation of electrodes
*Includes: Of intracerebral stimulation device (deep brain stimulator)
Replacement of impulse generator and removal of device, see: AEA*
- AAG 30 Stereotactic intracranial implantation of radioactive agent
- AAG 40 Stereotactic intracranial implantation of fetal tissue
- AAG 50 Stereotactic intracranial radiotherapy
- AAG 99 Other stereotactic intracranial operation

AAH *Operations on cranial nerves*

- Implantation of intracranial stimulation or injection device, see: AAW 01-02*
- Reconstructive operations for facial palsy, see AAP*
- AAH 10 Rhizotomy of cranial nerve
- AAH 20 Decompression of cranial nerve
- AAH 30 Thermal destruction of cranial nerve
- AAH 40 Injection into cranial nerve
- AAH 50 Cranial nerve anastomosis
- AAH 60 Microvascular decompression of cranial nerve
- AAH 99 Other operation on cranial nerve

AAJ *Operations for epilepsy*

- Implantation of vagus nerve stimulating device, see: ADB 00*
- AAJ 00 Hemispherectomy
- AAJ 10 Lobectomy for epilepsy
- AAJ 15 Hippocampectomy
- AAJ 20 Excision of epileptic focus
- AAJ 25 Transcision of nerve tracts for epilepsy

- AAJ 30 Callosotomy for epilepsy
- AAJ 35 Hemidecortication for epilepsy
- AAJ 99 Other operation for epilepsy

AAK *Operations on skull and dura*

For injury, see: AAD40

Additional code for specification of grafts and flaps, see: ZZ

- AAK 00 Cranioplasty
- AAK 10 Repair of dura
- AAK 20 Operations for craniosynostosis
- AAK 30 Craniofacial reconstruction in congenital malformations
- AAK 40 Closure of cerebrospinal fluid fistula
- AAK 70 Biopsy of skull
- AAK 75 Excision of lesion of skull
- AAK 80 Partial excision of skull cap
For relief of acute cerebral edema
- AAK 85 Replantation of previously excised part of skull cap
- AAK 99 Other operation on skull or dura

AAL *Intracranial endovascular procedures*

Open operations for intracranial aneurysms and vascular malformations, see: AAC

- AAL 00 Endovascular occlusion of intracranial aneurysm
- AAL 10 Intracranial endovascular thrombolysis
- AAL 20 Endovascular occlusion of intracranial arterio-venous malformation
- AAL 30 Endovascular occlusion of intracranial fistula
- AAL 40 Endovascular occlusion of feeding arteries of intracranial tumour
- AAL 99 Other intracranial endovascular procedure

AAM *Operations for intracranial infection*

Drainage and reservoir operations on ventricles or intracranial cysts, see: AAF

- AAM 00 Puncture and evacuation of intracerebral abscess
- AAM 10 Excision of intracerebral abscess
- AAM 30 Evacuation of epidural or subdural empyema
- AAM 99 Other operation for intracranial infection

AAN *Operations for intracranial congenital malformations*

- AAN 00 Excision and repair of encephalocele
- AAN 99 Other operation for intracranial congenital malformation

AAP *Reconstructive operations for facial palsy*

- AAP 00 Local transposition of muscle for facial palsy
- AAP 10 Cross-facial transplantation of nerve for facial palsy
- AAP 20 Microvascular transposition of muscle for facial palsy
- AAP 99 Other reconstructive operation for facial palsy

AAU *Removal of implants and external fixation devices from skull*

AAU 00 Removal of implant or external fixation device from skull
From teeth, mandible and maxilla, see: EBU-EHU

AAW *Other operations on skull and intracranial structures*

Replacement and removal of intracranial stimulation or injection device, see: AEA

AAW 01 Implantation of intracranial stimulation device
AAW 02 Implantation of intracranial injection device
AAW 99 Other operation on skull or intracranial structure

AB **Spinal cord and nerve roots**

Additional code for extraspinal procedures on nerve roots by laparoscopic approach, see: ZXC 90

ABA *Diagnostic operations on spinal cord and nerve roots*

ABA 00 Exploratory laminectomy
ABA 10 Biopsy of lesion of spinal canal
ABA 20 Intrathecal endoscopy
ABA 30 Epiduroscopy
ABA 99 Other diagnostic operation on spinal cord or nerve root

ABB *Operations for lesions of spinal cord and nerve roots*

ABB 00 Excision of lesion of spinal canal
Includes: Removal of foreign body
ABB 10 Resection of lesion of spinal canal
ABB 20 Drainage of intra- or extramedullary cyst of spinal canal
ABB 30 Destruction of lesion of spinal canal
ABB 40 Evacuation of spontaneous haematoma of spinal canal
ABB 99 Other operation for lesion of spinal canal

ABC *Decompression of spinal cord and nerve roots*

Excision of bone, see: NAK, NAR. Other operations on soft tissue, see: NAM

ABC 01 Percutaneous endoscopic discectomy for cervical intervertebral disc displacement
ABC 04 Percutaneous endoscopic discectomy for thoracic intervertebral disc displacement
ABC 07 Percutaneous endoscopic discectomy for lumbar intervertebral disc displacement
ABC 10 Microsurgical excision of cervical intervertebral disc displacement
ABC 13 Microsurgical excision of thoracic intervertebral disc displacement
ABC 16 Microsurgical excision of lumbar intervertebral disc displacement
ABC 20 Open discectomy of cervical spine
ABC 21 Anterior decompression of cervical spine with insertion of interbody fixating implant
"Cage" operation without intended osseous fusion. Interbody fusion, see: NAG
ABC 23 Open discectomy of thoracic spine
ABC 26 Open discectomy of lumbar spine
ABC 28 Insertion of expanding implant between spinous processes
As alternative to laminectomy in spinal stenosis

- ABC 30 Decompression of cervical nerve roots
- ABC 33 Decompression of thoracic nerve roots
- ABC 36 Decompression of lumbar nerve roots
- ABC 40 Decompression of cauda equina
- ABC 50 Decompression of cervical spinal canal and nerve roots
- ABC 53 Decompression of thoracic spinal canal and nerve roots
- ABC 56 Decompression of lumbar spinal canal and nerve roots
- ABC 60 Decompression of cervical spinal cord
- ABC 63 Decompression of thoracic spinal cord
- ABC 66 Decompression of lumbar spinal cord
- ABC 99 Other decompressive operation on spinal cord or nerve root

ABD *Operations on spinal cord and nerve roots for pain or impaired function*

Replacement and removal of spinal stimulation or injection device, see: AEA

- ABD 10 Open cordotomy
- ABD 15 Percutaneous cordotomy
Additional code for technique, see: ZXC
- ABD 20 Myelotomy
- ABD 30 Implantation of spinal stimulation device
- ABD 40 Implantation of spinal injection device
- ABD 50 Transection of spinal nerve root for pain or impaired function
For lesion of dorsal root entry zone
- ABD 99 Other operation on spinal cord or nerve for pain or impaired function

ABE *Operations for congenital malformations of spine*

- ABE 10 Excision and repair of myelocoele or meningocele
- ABE 20 Mobilisation of tethered cord or diastematomyelia
- ABE 30 Excision of dermal sinus
- ABE 40 Operation for hydromyelia
- ABE 50 Occipitocervical decompression
- ABE 99 Other operation for spinal malformation

ABW *Other operations on spinal cord and nerve roots*

- ABW 99 Other operation on spinal cord or nerve root

AC **Peripheral nerves**

Peripheral nerve block, see: TAC 00

The last digit of the AC codes, represented by the place-holder x in the codes, denotes the following nerves:

- 1 Median nerve
- 2 Radial nerve
- 3 Ulnar nerve
- 4 Peroneal nerve
- 5 Tibial nerve

- 6 Sciatic nerve
- 7 Lumbar plexus
- 8 Brachial plexus
- 9 Other or unspecified

ACA *Diagnostic operations on peripheral nerves*

- ACA 1x Exploration of peripheral nerve
- ACA 2x Biopsy of peripheral nerve
- ACA 9x Other diagnostic operation on peripheral nerve

ACB *Operations for lesion of peripheral nerves*

- ACB 1x Excision of lesion of peripheral nerve
Includes: Removal of foreign body
- ACB 2x Suture of peripheral nerve
- ACB 9x Other operation for lesion of peripheral nerve

ACC *Operations for impaired function of peripheral nerves*

- ACC 1x Transcision of peripheral nerve
- ACC 2x Reconstruction of peripheral nerve
- ACC 4x Transposition of peripheral nerve
- ACC 5x Decompression and freeing of adhesions of peripheral nerve
- ACC 9x Other operation for impaired function of peripheral nerve

ACW *Other operations on peripheral nerves*

- ACW 99 Other operation on peripheral nerve

AD Autonomic nervous system

ADA *Operations on sympathetic nerves*

Sympathetic block, see: TAD 00

- ADA 10 Cervical sympathectomy
- ADA 20 Thoracic sympathectomy
- ADA 30 Lumbal sympathectomy
Additional code for extraperitoneal laparoscopic approach, see: ZXC 90
- ADA 99 Other operation on sympathetic nerve

ADB *Operations on vagus nerve*

Vagotomy, see: JDG

- ADB 00 Implantation of vagus nerve stimulating device
Replacement of impulse generator and removal of device, see: AEA

ADW *Other operations on autonomic nervous system*

ADW 99 Other operation on autonomic nervous system

AE Miscellaneous operations on the nervous system

AEA *Operations on stimulation and injection devices in the nervous system*

Includes: Stimulation and injection devices in AAA, AAG, AAW, ABD, ADB

AEA 00 Replacement of impulse generator of stimulation device in the nervous system

AEA 20 Removal of impulse generator of stimulation device in the nervous system

AEA 23 Removal of intracranial electrode

AEA 24 Removal of spinal stimulation electrode

AEA 25 Removal of vagus nerve stimulation electrode

AEA 27 Replacement of spinal stimulation electrode

AEA 30 Replacement of implanted pump of injection device in the nervous system

AEA 40 Removal of implanted pump of injection device in the nervous system

AEA 43 Removal of catheter of intracranial injection device

AEA 44 Removal of catheter of spinal injection device

AW Reoperations in surgery of the nervous system

AWA *Repair of wound dehiscence in surgery of the nervous system*

AWA 00 Repair of wound dehiscence in surgery of the nervous system

AWB *Reoperation for superficial infection in surgery of the nervous system*

Includes: For wound infection

AWB 00 Reoperation for superficial infection in surgery of the nervous system

AWC *Reoperation for deep infection in surgery of the nervous system*

For infection at the site of target organs or structures

AWC 00 Reoperation for deep infection in surgery of the nervous system

AWD *Reoperation for superficial haemorrhage in surgery of the nervous system*

Includes: For wound haemorrhage or haematoma

AWD 00 Reoperation for superficial haemorrhage in surgery of the nervous system

AWE *Reoperation for deep haemorrhage in surgery of the nervous system*

For haemorrhage or haematoma at the site of target organs or structures

AWE 00 Reoperation for deep haemorrhage in surgery of the nervous system

AWW *Other reoperation in surgery of the nervous system*

AWW 99 Other reoperation in surgery of the nervous system

CHAPTER B

Endocrine system

- BA Thyroid gland
 BB Parathyroid gland
 BC Adrenal gland
 BD Carotid body
 BW Reoperations in endocrine surgery
Pituitary gland and pineal body, see: Chapter A
Thymus, see: GEC
Puncture, needle biopsy and aspiration cytology, see: TB
- BA Thyroid gland
- BAA Thyroid gland***
- BAA 00 Biopsy of thyroid gland
 BAA 05 Exploration of thyroid gland
 BAA 10 Incision of thyroid gland
Includes: Drainage, removal of foreign body
 BAA 20 Unilateral partial excision of thyroid gland
Includes: Enucleation of local lesion
 BAA 25 Bilateral partial excision of thyroid gland
 BAA 30 Excision of thyroid isthmus
 BAA 40 Unilateral lobectomy of thyroid gland
 BAA 50 Lobectomy and resection of contralateral lobe of thyroid gland
 BAA 60 Total thyroidectomy
 BAA 99 Other operation on thyroid gland

BB Parathyroid gland

BBA Parathyroid gland

- BBA 10 Biopsy of parathyroid gland
- BBA 20 Exploration of parathyroid gland
- BBA 30 Excision of lesion of parathyroid gland
Includes: Excision of adenoma
- BBA 40 Subtotal parathyroidectomy
- BBA 50 Total parathyroidectomy
- BBA 70 Implantation or transplantation of parathyroid gland
- BBA 99 Other operation on parathyroid gland

BC Adrenal gland

BCA Adrenal gland

- BCA 10 Biopsy of adrenal gland
- BCA 11 Laparoscopic biopsy of adrenal gland
- BCA 15 Incision of adrenal gland
Includes: Drainage, removal of foreign body
- BCA 20 Excision of lesion of adrenal gland
- BCA 30 Unilateral adrenalectomy
- BCA 31 Laparoscopic unilateral adrenalectomy
- BCA 40 Bilateral adrenalectomy
- BCA 41 Laparoscopic bilateral adrenalectomy
- BCA 99 Other operation on adrenal gland

BD Carotid body

BDA Carotid body

- BDA 10 Operation on carotid body

BW Reoperations in endocrine surgery

BWA Repair of wound dehiscence in endocrine surgery

- BWA 00 Repair of wound dehiscence in endocrine surgery

BWB Reoperation for superficial infection in endocrine surgery

Includes: For wound infection

BWB 00 Reoperation for superficial infection in endocrine surgery

BWC Reoperation for deep infection in endocrine surgery

For infection in body cavities or at the site of target organs

BWC 00 Reoperation for deep infection in endocrine surgery

BWD Reoperation for superficial haemorrhage in endocrine surgery

Includes: For wound haemorrhage or haematoma

BWD 00 Reoperation for superficial haemorrhage in endocrine surgery

BWE Reoperation for deep haemorrhage in endocrine surgery

For haemorrhage or haematoma in body cavities or at the site of target organs

BWE 00 Reoperation for deep haemorrhage in endocrine surgery

BWW Other reoperation in endocrine surgery

BWW 99 Other reoperation in endocrine surgery

CHAPTER C

Eye and adjacent structures

CA	Orbit
CB	Eyelid
CC	Lacrimal apparatus
CD	Eyeball
CE	Extraocular muscles
CF	Conjunctiva
CG	Cornea and sclera
CH	Anterior chamber, anterior chamber angle, iris and ciliary body
CJ	Lens
CK	Choroid, retina and vitreous body
CW	Reoperations for complications in surgery of eye and adjacent structures <i>Puncture, needle biopsy and other minor procedures, see: TC</i>

CA Orbit

CAA *Puncture, incision and biopsy of orbit*

CAA 00	Puncture of orbital abscess
CAA 10	Exploratory anterior orbitotomy
CAA 20	Exploratory lateral orbitotomy
CAA 30	Biopsy of orbit <i>Needle biopsy and aspiration cytology, see: TCA</i>

CAB *Excision of lesion of orbit**Includes: Removal of foreign body*

CAB 00	Anterior orbitotomy with excision of lesion
CAB 10	Lateral orbitotomy with excision of lesion
CAB 40	Transcranial orbitotomy with excision of lesion
CAB 50	Orbitotomy with removal of foreign body

CAC *Operations on orbital walls**Removal of implant or external fixation device, see: AAU 00, EEU 00, EFU 00*

- CAC 00 Reconstruction of orbital wall
- CAC 10 Reconstruction of orbital wall using bone graft or plate
- CAC 20 Lateral decompression of orbit
- CAC 30 Decompression of orbit to sinuses
- CAC 40 Transcranial decompression of orbital roof or optic canal
- CAC 42 Decompression of orbit by coronal approach
- CAC 44 Combined decompression of orbit
- CAC 50 Repair of congenital malformation of orbital wall

CAD *Exenteration of orbit*

- CAD 00 Exenteration of orbit with use of graft or flap
Additional code for specification of grafts and flaps, see: ZZ

CAE *Operations for anophthalmia after enucleation or evisceration of eye*

- CAE 00 Removal of implant from orbit
- CAE 10 Revision and secondary implant in orbit
- CAE 20 Revision of conjunctival sac with graft

CAW *Other operations on orbit*

- CAW 99 Other operation on orbit

CB Eyelid**CBA** *Incision and biopsy of eyelid*

- CBA 00 Incision of eyelid
- CBA 10 Biopsy of eyelid

CBB *Excision or destruction of lesion of eyelid*

- CBB 00 Excision of chalazion
Synonym: Meibomian granuloma
- CBB 10 Excision of redundant skin of eyelid
- CBB 15 Resection of herniated fat from eyelid
- CBB 20 Correction of lax skin of eyelid and resection of herniated fat
- CBB 30 Excision of lesion of eyelid
Excludes: Chalazion
- CBB 35 Cryotherapy of lesion of eyelid
- CBB 40 Electrocoagulation of lesion of eyelid
- CBB 50 Excision of lesion of eyelid and reconstruction using graft or flap
Additional code for specification of grafts and flaps, see: ZZ
- CBB 99 Other excision or destruction of lesion of eyelid

CBC *Operations on eyelid for injury*

- CBC 00 Suture of eyelid
Includes: Debridement
- CBC 10 Removal of foreign body from eyelid
- CBC 99 Other operation on eyelid for injury

CBD *Plastic reconstruction of eyelid*

- CBD 00 Plastic reconstruction of eyelid using suture
- CBD 10 Plastic reconstruction of eyelid using graft or flap
Additional code for specification of grafts and flaps, see: ZZ
- CBD 99 Other plastic reconstruction of eyelid

CBE *Operations for entropion*

- CBE 00 Suture of eyelid for entropion
- CBE 10 Transposition and shortening of orbicularis muscle for entropion
- CBE 20 Shortening of eyelid retractors for entropion
- CBE 30 Horizontal shortening for entropion
- CBE 40 Combined correction of entropion
- CBE 99 Other operation for entropion

CBF *Operations for ectropion*

- CBF 00 Electrocauterisation of eyelid for ectropion
- CBF 10 Shortening of canthal ligaments for ectropion
- CBF 20 Excision of tarsus for ectropion
- CBF 30 Excision of tarsus and skin for ectropion
- CBF 40 Plastic repair of eyelid for cicatricial ectropion
- CBF 99 Other operation for ectropion

CBG *Operations for trichiasis*

- CBG 00 Epilation of cilia by electrolysis
Simple epilation, see: TCB 10
- CBG 10 Cryotherapy for trichiasis
- CBG 20 Plastic repair of margin of eyelid for trichiasis
- CBG 99 Other operation for trichiasis

CBH *Operations on canthus*

- CBH 00 Canthotomy
- CBH 05 Canthopexy
- CBH 10 Plastic repair of canthus
Includes: With use of graft
- CBH 20 Central tarsorrhaphy
- CBH 30 Lateral or medial tarsorrhaphy
- CBH 40 Division of tarsorrhaphy
- CBH 50 Reconstructive operation for epicanthus
- CBH 99 Other operation on canthus

CBJ *Operations for ptosis*

- CBJ 00 Suture of eyelid for ptosis
 CBJ 10 Fascia lata sling for ptosis of eyelid
 CBJ 20 Tarsomyectomy for ptosis
 CBJ 30 Plastic repair of levator aponeurosis of eyelid
 CBJ 40 Resection of levator muscle of eyelid
 CBJ 50 Operation for ptosis of eyebrow
 CBJ 99 Other operation for ptosis

CBK *Operations for lagophthalmus and retraction of eyelid*

- CBK 00 Myotomy of eyelid for retraction
Includes: Of tarsal muscle and levator muscle
 CBK 10 Operation for lagophthalmus
 CBK 99 Other operation for retraction of eyelid

CBL *Operations for blepharospasm*

- CBL 00 Myectomy or neurotomy for blepharospasm
 CBL 99 Other operation for blepharospasm

CBW *Other operations on eyelid*

- CBW 99 Other operation on eyelid

CC Lacrimal apparatus**CCA** *Incision and biopsy of lacrimal gland and passages*

- CCA 00 Incision of lacrimal gland
Includes: Removal of foreign body
 CCA 10 Biopsy of lacrimal gland
 CCA 20 Incision of lacrimal punctum or canaliculus
 CCA 30 Incision of lacrimal sac
Includes: Removal of foreign body
 CCA 40 Biopsy of lacrimal passages

CCB *Other operations on lacrimal gland*

- CCB 00 Partial dacryoadenectomy
 CCB 10 Total dacryoadenectomy
 CCB 99 Other operation on lacrimal gland

CCC *Other operations on lacrimal passages*

- CCC 00 Occlusion of lacrimal punctum or canaliculus
 CCC 50 Dacryocystectomy
 CCC 99 Other operation on lacrimal passages

CCD *Reconstructive operations on lacrimal apparatus*

- CCD 00 Occlusion of lacrimal fistula
- CCD 10 Suture of lacrimal canaliculus
- CCD 20 Suture of lacrimal canaliculus with insertion of tube
- CCD 30 Reconstruction of lacrimal canaliculus
- CCD 40 Percutaneous dacryocystorhinostomy
- CCD 50 Dacryocystorhinostomy with insertion of tube
- CCD 60 Transnasal dacryocystorhinostomy
- CCD 70 Conjunctivocystorhinostomy with insertion of tube
Eponym: Jones
- CCD 99 Other reconstructive operation on lacrimal apparatus

CCW *Other operations on lacrimal apparatus*

- CCW 99 Other operation on lacrimal apparatus

CD **Eyeball**

Operations not limited to individual anatomical parts of eyeball
Biopsy, see: Subsections for anatomical parts of eyeball

CDB *Removal of intraocular foreign body*

- CDB 00 Removal of intraocular foreign body
- CDB 10 Removal of intraocular foreign body using magnet
- CDB 99 Other operation for intraocular foreign body

CDC *Enucleation and evisceration of eye*

- CDC 00 Enucleation of eye
- CDC 10 Enucleation of eye with insertion of prosthesis
Within Tenon's capsule
- CDC 20 Enucleation of eye with use of graft
Within Tenon's capsule
Additional code for specification of grafts and flaps, see: ZZ
- CDC 30 Evisceration of eye
- CDC 40 Evisceration of eye with insertion of prosthesis
- CDC 50 Evisceration of eye with use of graft
Additional code for specification of grafts and flaps, see: ZZ

CDW *Other operations on eyeball*

- CDW 99 Other operation on eyeball

CE Extraocular muscles**CEA** *Biopsy of extraocular muscle*

CEA 00 Biopsy of extraocular muscle

CEB *Myectomy, myotomy, tenotomy of extraocular muscle*

CEB 00 Myectomy of extraocular muscle

CEB 10 Partial myotomy of extraocular muscle

CEB 20 Total myotomy of extraocular muscle

CEB 30 Tenotomy of extraocular muscle

CEC *Transposition of extraocular muscle*

CEC 00 Recession of extraocular muscle

CEC 10 Recession and resection of extraocular muscle

CEC 20 Recession and advancement of extraocular muscle

CEC 30 Resection of extraocular muscle

CEC 40 Resection and advancement of extraocular muscle

CEC 50 Advancement of extraocular muscle

CEC 60 Transposition of extraocular muscle with adjustable suture

CEC 70 Transposition of extraocular muscle for nystagmus

CEC 80 Partial transposition of extraocular muscle

CEC 90 Total transposition of extraocular muscle

CED *Plication of extraocular muscle*

CED 00 Plication of extraocular muscle

CEE *Fixation of extraocular muscle*

CEE 00 Fixating suture of extraocular muscle

CEE 10 Fixation of extraocular muscle with anchoring suture

CEF *Operation on extraocular muscle for injury or after previous operation*

CEF 00 Freeing of adhesions of extraocular muscle

CEF 10 Suture of traumatic lesion of extraocular muscle or Tenon's capsule

CEW *Other operations on extraocular muscle*

CEW 99 Other operation on extraocular muscle

CF Conjunctiva

CFA Incision and biopsy of conjunctiva

- CFA 00 Incision of conjunctiva
- CFA 10 Peritomy of conjunctiva
- CFA 20 Biopsy of conjunctiva

CFB Suture and removal of foreign body of conjunctiva

- CFB 00 Suture of conjunctiva
- CFB 10 Removal of foreign body from conjunctiva

CFC Removal of lesion of conjunctiva

- CFC 00 Excision of lesion of conjunctiva
Excludes: Of trachoma follicles
- CFC 10 Laser therapy of lesion of conjunctiva
- CFC 20 Cryotherapy of lesion of conjunctiva
- CFC 30 Excision of trachoma follicles

CFD Repair of conjunctiva

- CFD 00 Repair of conjunctiva without graft
- CFD 10 Repair of conjunctiva using graft

CFW Other operations on conjunctiva

- CFW 99 Other operation on conjunctiva

CG Cornea and sclera

CGA Biopsy of cornea or sclera

- CGA 00 Biopsy of cornea
- CGA 10 Biopsy of sclera

CGB Incision of cornea or sclera

- CGB 00 Keratotomy
- CGB 10 Sclerotomy

CGC Removal of foreign body from cornea or sclera

- CGC 10 Removal of foreign body from cornea
- CGC 20 Removal of foreign body from cornea using magnet
- CGC 30 Removal of foreign body from sclera
- CGC 40 Removal of foreign body from sclera using magnet

CGD *Operations for errors of refraction*

- CGD 00 Keratotomy for error of refraction
 CGD 10 Laser keratoplasty for error of refraction
 CGD 20 Keratomileusis
 CGD 40 Implantation of intracorneal ring segments
 In myopia or for the correction of the error of refraction in moderate keratoconus
 CGD 99 Other operation for error of refraction

CGE *Operations for lesion of cornea and sclera*

- CGE 10 Keratectomy
 CGE 15 Laser therapy of cornea
 CGE 20 Thermocauterisation of lesion of cornea
 CGE 25 Cryotherapy of cornea
 CGE 30 Sclerectomy
 CGE 35 Laser therapy of sclera
 CGE 40 Thermocauterisation of lesion of sclera
 CGE 50 Excision of pterygium
 CGE 55 Excision of pterygium with transplanation of conjunctiva
 CGE 99 Other operation for lesion of cornea or sclera

CGF *Operations on cornea and sclera for perforating injury*

- CGF 00 Closure of laceration of cornea using tissue glue
 CGF 10 Suture of laceration of cornea
 CGF 20 Suture of laceration of cornea with plastic repair of conjunctiva
 CGF 25 Suture of laceration of cornea with resection of protruding uvea
 CGF 30 Repair of cornea using graft of conjunctiva
 CGF 40 Closure of laceration of sclera using tissue glue
 CGF 45 Suture of laceration of sclera
 CGF 50 Suture of laceration of sclera with plastic repair of conjunctiva
 CGF 55 Suture of laceration of sclera with resection of protruding uvea
 CGF 99 Other operation on cornea and sclera for perforating injury

CGG *Reconstructive operations on cornea and sclera*

- CGG 00 Tattooing of cornea
 CGG 10 Correction of keratoconus using thermocautery
 CGG 20 Epikeratophakia or keratophakia
 CGG 30 Lamellar transplantation of cornea
 CGG 40 Full thickness transplantation of cornea using autograft
 CGG 45 Full thickness transplantation of cornea using homograft
 CGG 50 Implantation of keratoprosthesis
 CGG 60 Reinforcement of sclera using graft
 CGG 99 Other reconstructive operations on cornea and sclera

CGW *Other operations on cornea and sclera*

- CGW 99 Other operation on cornea or sclera

CH Anterior chamber, anterior chamber angle,
iris and ciliary body

Removal of foreign body, see: CDB

CHA *Biopsy of anterior chamber, anterior chamber angle, iris and ciliary body*

CHA 10 Biopsy of iris

CHA 20 Biopsy of ciliary body

CHB *Operations on anterior chamber and anterior chamber angle*

CHB 00 Laser synechiolysis

CHB 10 Puncture of anterior chamber of eye with irrigation

CHB 15 Puncture of anterior chamber of eye with replacement of aqueous
Insufflation, injection of viscous substance

CHB 20 Goniopuncture

CHB 30 Goniotomy

CHB 40 Goniosynechiolysis

CHB 50 Trabeculotomy

CHB 60 Anterior synechiolysis

CHB 65 Posterior synechiolysis

CHB 99 Other operation on anterior chamber and anterior chamber angle

CHC *Iridotomy and iridectomy*

CHC 00 Iridotomy

CHC 05 Laser iridotomy

CHC 10 Peripheral iridectomy

CHC 20 Sector iridectomy
Pupil to root

CHC 30 Central iridectomy
Sphincterectomy

CHD *Filtering operations*

CHD 00 Laser trabeculoplasty

CHD 10 Trabeculectomy

CHD 15 Trabeculectomy and iridectomy

CHD 20 Trephine of sclera

CHD 25 Trephine of sclera and iridectomy

CHD 30 Laser trabeculectomy

CHD 40 Iridencleisis

CHD 50 Shunt operation on anterior chamber

CHD 60 Deep sclerectomy without implant

CHD 65 Deep sclerectomy with implant
Includes: With implant of collagen or sodium hyaluronate

CHD 99 Other filtering operation

CHE *Operations for lesion of iris*

- CHE 00 Pupillotomy
- CHE 05 Laser pupillotomy
- CHE 10 Excision of lesion of iris
- CHE 20 Laser therapy of lesion of iris
- CHE 99 Other operation for lesion of iris

CHF *Operations on ciliary body*

- CHF 00 Excision of lesion of ciliary body
- CHF 05 Transscleral laser coagulation of ciliary body
- CHF 10 Transpupillary laser coagulation of ciliary body
- CHF 15 Cryotherapy of ciliary body
- CHF 20 Electrocoagulation of ciliary body
- CHF 30 Cyclodialysis
- CHF 99 Other operation on ciliary body

CHW *Other operations on anterior chamber, anterior chamber angle, iris and ciliary body*

- CHW 99 Other operation on anterior chamber, anterior chamber angle, iris or ciliary body

CJ *Operations on lens*

Includes: Implantation of intraocular contact lens (phakic lens) for correction of error of refraction in the presence of intact native lens.

For concurrent vitrectomy, add appropriate code, see: CKD

Removal of foreign body, see: CDB

CJA *Implantation of intraocular contact lens*

Removal, see: CDB

- CJA 00 Implantation of intraocular contact lens in anterior chamber
 - CJA 10 Implantation of intraocular contact lens in posterior chamber
- Synonyms: Implantable contact lens (ICL), posterior chamber refractive lens (PRL)*

CJB *Operations on lens for secondary cataract*

- CJB 00 Discission of secondary cataract
- CJB 10 Laser discission of secondary cataract
- CJB 20 Irrigation and polishing of secondary cataract
- CJB 30 Excision of secondary cataract
- CJB 99 Other operation on lens for secondary cataract

CJC *Intracapsular cataract operations*

- CJC 00 Intracapsular cataract extraction
- CJC 05 Intracapsular cataract extraction with iridectomy or iridotomy

- CJC 10 Intracapsular cataract extraction with implantation of artificial lens in anterior chamber
- CJC 15 Intracapsular cataract extraction with implantation of artificial lens in anterior chamber and iridectomy or iridotomy
- CJC 20 Intracapsular cataract extraction with implantation of artificial lens in posterior chamber
- CJC 25 Intracapsular cataract extraction with implantation of artificial lens in posterior chamber and iridectomy or iridotomy
- CJC 99 Other intracapsular cataract operation

CJD Extracapsular cataract operations

For simultaneous vitrectomy, add appropriate code, see: CKD

- CJD 00 Extracapsular cataract extraction
- CJD 05 Extracapsular cataract extraction with iridectomy or iridotomy
- CJD 10 Extracapsular cataract extraction with implantation of artificial lens in anterior chamber
- CJD 15 Extracapsular cataract extraction with implantation of artificial lens in anterior chamber and iridectomy or iridotomy
- CJD 20 Extracapsular cataract extraction with implantation of artificial lens in posterior chamber
- CJD 25 Extracapsular cataract extraction with implantation of artificial lens in posterior chamber and iridectomy or iridotomy
- CJD 30 Pars plana lensectomy
- CJD 99 Other extracapsular cataract operations

CJE Extracapsular cataract operations using phakoemulsification technique

- CJE 00 Phakoemulsification
- CJE 05 Phakoemulsification with iridectomy or iridotomy
- CJE 10 Phakoemulsification with implantation of artificial lens in anterior chamber
- CJE 15 Phakoemulsification with implantation of artificial lens in anterior chamber and iridectomy or iridotomy
- CJE 20 Phakoemulsification with implantation of artificial lens in posterior chamber
- CJE 25 Phakoemulsification with implantation of artificial lens in posterior chamber and iridectomy or iridotomy
- CJE 99 Other extracapsular cataract operation using phakoemulsification technique

CJF Other operations on artificial lens

- CJF 00 Secondary implantation of artificial lens in anterior chamber
- CJF 10 Secondary implantation of artificial lens in posterior chamber
- CJF 20 Removal of artificial lens
- CJF 30 Reduction of dislocation of artificial lens
- CJF 40 Removal and implantation of artificial lens in anterior chamber
- CJF 45 Removal and implantation of artificial lens in anterior chamber with iridectomy or iridotomy
- CJF 50 Removal and implantation of artificial lens in posterior chamber
- CJF 55 Removal and implantation of artificial lens in posterior chamber with iridectomy or iridotomy
- CJF 99 Other operation on artificial lens

CJG *Operations on dislocated lens*

- CJG 00 Extraction of dislocated lens
 CJG 05 Extraction of dislocated lens with iridectomy or iridotomy
 CJG 10 Extraction of dislocated lens with implantation of artificial lens in anterior chamber
 CJG 15 Extraction of dislocated lens with implantation of artificial lens in anterior chamber and iridectomy or iridotomy
 CJG 20 Extraction of dislocated lens with implantation of artificial lens in posterior chamber
 CJG 25 Extraction of dislocated lens with implantation of artificial lens in posterior chamber and iridectomy or iridotomy
 CJG 99 Other operation on dislocated lens

CJW *Other operations on lens*

- CJW 99 Other operation on lens

CK **Choroid, vitreous body and retina**

Removal of foreign body, see: CDB

CKA *Biopsy of choroid, vitreous body and retina*

- CKA 00 Biopsy of choroid
 CKA 10 Biopsy of vitreous body
 CKA 20 Biopsy of retina

CKB *Operations on choroid for detachment*

- CKB 00 Puncture and evacuation of supra-choroidal fluid
 CKB 10 Puncture, evacuation of supra-choroidal fluid and injection of vitreous substitute
Includes: Of silicone or other viscous substance
 CKB 99 Other operation on choroid for detachment

CKC *Extraocular operations on vitreous body and retina*

- CKC 00 Photorupture of vitreous body
 CKC 12 Photocoagulation of retina
Additional code for photodynamic therapy, see: ZXC 15
 CKC 20 Cryopexy of undetached retina
 CKC 30 Cryopexy of detached retina
 CKC 40 Electrocoagulation of retina
 CKC 50 Transscleral laser therapy of retina
 CKC 60 Local buckling of sclera using implant
 CKC 65 Removal of buckling implant from sclera
 CKC 70 Circular buckling of sclera
Cerclage
 CKC 75 Removal of cerclage from sclera
 CKC 99 Other extraocular operations on vitreous body and retina

CKD *Intraocular operations on vitreous body and retina*

- CKD 00 Puncture of vitreous body for decompression
- CKD 05 Puncture of vitreous body with injection of medication
- CKD 10 Insufflation of vitreous cavity
- CKD 15 Injection of vitreous substitute
Of silicone or other viscous matter
- CKD 20 Removal of vitreous body substitute
- CKD 25 External drainage of subretinal fluid
- CKD 30 Internal drainage of subretinal fluid
- CKD 40 Endophotocoagulation of retina
- CKD 45 Endocryotherapy of retina
- CKD 50 Endodiathermy of retina
- CKD 60 Anterior vitrectomy
- CKD 65 Pars plana or pars plicata vitrectomy
- CKD 70 Excision of preretinal or epiretinal membrane
- CKD 75 Retinotomy
- CKD 80 Retinectomy
- CKD 85 Removal of subretinal membrane or band
- CKD 90 Removal of subretinal haematoma
- CKD 99 Other intraocular operations on vitreous body and retina

CKE *Operations for lesion of choroid and retina*

- CKE 00 Excision of lesion of choroid
- CKE 10 Transpupillary photocoagulation of lesion of choroid
Additional code for photodynamic therapy, see: ZXC 15
- CKE 15 Endophotocoagulation of lesion of choroid
- CKE 20 Cryotherapy of lesion of choroid
- CKE 30 Excision of lesion of retina
- CKE 40 Transpupillary photocoagulation of lesion of retina
- CKE 45 Endophotocoagulation of lesion of retina
- CKE 50 Cryotherapy of lesion of retina
- CKE 60 Brachytherapy of choroid and retina
- CKE 65 Removal of brachytherapeutic plate from eye
- CKE 99 Other operation for lesion of choroid or retina

CKW *Other operations on choroid, vitreous body and retina*

- CKW 99 Other operation on choroid, vitreous body and retina

- CW** Reoperations on eye and adjacent structures
- CWA** *Repair of wound dehiscence in eye and adjacent structures*
CWA 00 Repair of wound dehiscence in eye and adjacent structures
- CWB** *Reoperation for superficial infection in eye and adjacent structures*
Includes: Wound infection
CWB 00 Reoperation for superficial infection in eye and adjacent structures
- CWC** *Reoperation for deep infection in eye and adjacent structures*
Includes: Infection at the site of target structures
CWC 00 Reoperation for deep infection in eye and adjacent structures
- CWD** *Reoperation for superficial haemorrhage in eye and adjacent structures*
Includes: Wound haemorrhage or haematoma
CWD 00 Reoperation for superficial haemorrhage in eye and adjacent structures
- CWE** *Reoperation for deep haemorrhage in eye and adjacent structures*
Includes: Haemorrhage or haematoma at the site of target structures
CWE 00 Reoperation for deep haemorrhage in eye and adjacent structures
- CWF** *Reoperation for insufficiency of anastomosis or suture in eye and adjacent structures*
CWF 00 Reoperation for insufficiency of anastomosis or suture in eye and adjacent structures
- CWW** *Other reoperation on eye and adjacent structures*
CWW 99 Other reoperation on eye and adjacent structures

CHAPTER D

Ear, nose and larynx

DA	Auricle
DB	External auditory canal
DC	Eardrum and middle ear
DD	Ossicles of ear
DE	Mastoid and temporal bone
DF	Inner ear
DG	Eustachian tube
DH	Nose
DJ	Septum of nose
DK	Control of epistaxis
DL	Plastic repair of nose
DM	Maxillary antrum
DN	Ethmoidal sinus and bone
DP	Frontal and sphenoidal sinuses
DQ	Larynx
DW	Reoperations in surgery of ear, nose and larynx <i>Puncture, needle biopsy and other minor procedures, see: TD</i>

The third character of the codes of chapter D denotes:

- A Incision, exploration, biopsy
- B Partial or total excision
- C Removal of foreign body
- D Reconstructive procedures
- E Implantation of foreign material
- W Other operations

DA Auricle

- DAA 00 Incision of auricle
- DAB 00 Excision of lesion of auricle
- DAB 10 Partial excision of auricle
- DAB 20 Excision of fistula of auricle
- DAC 00 Removal of foreign body from auricle
- DAD 00 Suture of auricle
- DAD 10 Reconstruction of auricle
- DAD 20 Osseous fixation of auricular prosthesis
- DAD 30 Plastic repair of auricle
Includes: Correction of prominent ear
- DAW 99 Other operation on auricle

DB External auditory canal

- DBA 00 Incision of external auditory canal
- DBB 00 Excision of lesion of external auditory canal
- DBD 00 Suture of external auditory canal
- DBD 10 Reconstruction of external auditory canal
- DBD 20 Plastic repair of external auditory canal
- DBD 30 Correction of atresia of external auditory canal
- DBW 99 Other operation on external auditory canal

DC Eardrum and middle ear

- DCA 00 Biopsy of tympanic membrane or middle ear
- DCA 10 Paracentesis of tympanic membrane
- DCA 20 Insertion of ventilating tube through tympanic membrane
- DCA 30 Exploration of middle ear
- DCB 00 Excision of lesion of middle ear
- DCB 10 Freeing of adhesions of middle ear
- DCB 20 Partial excision of middle ear
- DCB 30 Total excision of middle ear
- DCC 00 Removal of foreign body from middle ear
- DCD 00 Myringoplasty
- DCD 10 Tympanoplasty
- DCW 00 Removal of ventilating tube from tympanic membrane
- DCW 99 Other operation on eardrum and middle ear

DD Ossicles of ear

- DDA 00 Stapedotomy
- DDA 10 Exploration of ossicular chain
- DDB 00 Stapedectomy
- DDC 00 Removal of prosthesis of ossicular chain
- DDD 00 Mobilisation of stapes
- DDD 05 Plastic repair of ossicular chain
- DDD 10 Interposition between malleus and stapes
- DDD 20 Interposition between eardrum and footplate of stapes
- DDD 30 Fixation of tympanic membrane to stapes
- DDD 40 Fixation of tympanic membrane to footplate of stapes
- DDW 99 Other operation on ossicles of ear

DE Mastoid and temporal bone

- DEA 00 Biopsy of mastoid or temporal bone
- DEA 10 Attico-antrotomy
- DEB 00 Cortical mastoidectomy
- DEB 10 Attico-antro-mastoidectomy
- DEB 20 Attico-antro-mastoidectomy and tympanotomy
- DEB 25 Attico-antro-mastoidectomy and tympanoplasty
- DEB 30 Radical mastoidectomy
- DEB 40 Partial excision of mastoid
- DEB 50 Partial excision of temporal bone
- DEB 60 Total excision of temporal bone
- DEC 00 Removal of foreign body from mastoid or temporal bone
- DED 00 Obliteration of cavity after partial excision of mastoid
- DEE 00 Osseous fixation of hearing aid
- DEW 99 Other operation on mastoid and temporal bone

DF Inner ear

- DFA 00 Saccotomy
- DFA 10 Translabyrinthine exploration of apex of pyramid
- DFB 00 Labyrinthectomy
- DFB 10 Destruction of labyrinth
- DFC 00 Removal of foreign body from inner ear
- DFD 00 Fenestration of vestibule
- DFD 10 Reconstruction of oval window

- DFD 20 Closure of rupture of round window
- DFD 30 Closure of perilymphatic fistula
- DFE 00 Insertion of cochlear implant
- DFW 99 Other operation on inner ear

DG Eustachian tube

- DGA 00 Biopsy of eustachian tube
- DGB 00 Obliteration of eustachian tube
- DGW 00 Dilatation of eustachian tube
- DGW 99 Other operation on eustachian tube

DH Nose

Operations limited to skin and subcutaneous tissue, see: QA

- DHA 00 Incision of nose
- DHA 10 Biopsy of cavity of nose
Endoscopic biopsy, see: UDH 05
- DHB 00 Excision of lesion of external nose
- DHB 10 Excision of lesion of internal nose
- DHB 20 Polypectomy of internal nose
- DHB 30 Polypectomy of choana through maxillary antrum
- DHB 40 Conchotomy
Synonym: Turbinectomy
- DHB 45 Destruction of turbinate tissue
Additional code for use of radiowave or related technique, see: ZXC
- DHB 50 Turbinoplasty
- DHC 05 Removal of penetrating foreign body from nose
From skin or subcutaneous tissue of nose, see: QAC 00
From cavity of nose, see: TDH 10
- DHC 10 Removal of implant from bone of nose
- DHD 00 Internal suture of nose
External suture, see: QAB 00
- DHD 10 Closed reduction of fracture of nose
- DHD 20 Open reduction of fracture of nose
- DHD 30 Osteosynthesis of fracture of nose
- DHW 99 Other operation on nose

DJ Septum of nose

- DJA 00 Incision of septum of nose
Includes: Removal of foreign body
- DJA 10 Biopsy of septum of nose
- DJA 20 Transseptal opening of sphenoidal sinus
- DJB 10 Excision of septum of nose
- DJD 00 Suture of septum of nose
- DJD 10 Closure of perforation of septum of nose
- DJD 20 Plastic repair of septum of nose
- DJD 30 Closed reduction of fracture of septum of nose
- DJD 40 Open reduction of fracture of septum of nose
- DJW 99 Other operation on septum of nose

DK Control of epistaxis

- DKW 00 Cauterisation of mucosa of nose
- DKW 10 Packing of anterior cavity of nose
- DKW 20 Packing of posterior cavity of nose
- DKW 30 Cauterisation of artery of internal nose
- DKW 40 Ligature of artery of internal nose
- DKW 99 Other procedures for control of epistaxis

DL Plastic operations on nose

- DLD 00 Reconstruction of cartilage of nose
- DLD 10 Reconstruction of cartilage and bone of nose
- DLD 20 Rhinoplasty
- DLD 25 Correction of choanal atresia
- DLD 30 Construction of nose
- DLW 99 Other plastic operations on nose

DM Maxillary antrum

Fenestration of maxillary cyst, see: EFA
Other operations on maxilla, see: EE

- DMA 00 Biopsy of maxillary antrum
Endoscopic biopsy, see: UDM 05
Needle biopsy, see: TDM 00
- DMA 10 Exploration of maxillary antrum

- DMB 00 Endonasal trephine of maxillary antrum
Eponym: Claoué
- DMB 10 Radical maxillary antrotomy
Eponym: Caldwell-Luc
- DMB 20 Functional endoscopic opening of maxillary antrum
- DMB 30 Transmaxillary excision of lesion of maxillary antrum
- DMB 40 Excision of lesion of maxillary antrum through lateral rhinotomy
- DMC 00 Removal of foreign body from maxillary antrum
- DMW 00 Intubation of maxillary antrum
- DMW 99 Other operation on maxillary antrum

DN Operations on ethmoidal sinus and bone

- DNA 00 Biopsy of ethmoidal sinus
Needle biopsy, see: TDN 00
- DNB 00 External ethmoidectomy
- DNB 10 Endonasal ethmoidectomy
- DNB 20 Endoscopic ethmoidectomy
- DNB 30 Excision of lesion of ethmoidal sinus
- DNB 40 Sublabial rhinotomy
- DNC 00 Removal of foreign body from ethmoidal sinus
- DNW 99 Other operation on ethmoidal sinus and bone

DP Frontal and sphenoidal sinuses

Transseptal opening of sphenoidal sinus, see: DJA 20
Needle biopsy, see: TDP

- DPA 00 Biopsy of frontal sinus
- DPA 10 Biopsy of sphenoidal sinus
- DPA 20 Trephine of frontal sinus
- DPA 30 Sphenotomy
- DPB 00 Partial excision of frontal sinus
- DPB 10 Partial excision of sphenoidal sinus
- DPB 20 Obliteration of frontal sinus
- DPC 00 Removal of foreign body from frontal or sphenoidal sinus
- DPW 00 Intubation of frontal sinus
- DPW 10 Intubation of sphenoidal sinus
- DPW 99 Other operation on frontal or sphenoidal sinus

DQ Larynx

- DQA 00 Incision of larynx
Includes: Cricothyroidotomy
Tracheostomy, see: GBB
- DQA 10 Biopsy of larynx
- DQA 20 Exploratory laryngofissure
- DQB 00 Excision of lesion of larynx
- DQB 10 Endoscopic excision of lesion of larynx
- DQB 20 Partial excision of larynx
- DQB 30 Laryngectomy
- DQB 40 Supraglottic laryngectomy
- DQB 50 Hemilaryngectomy
- DQB 60 Arytenoidectomy
- DQB 70 Total excision of vocal cord
- DQB 80 Operation for stricture of vocal cords
- DQC 00 Removal of foreign body from larynx
- DQC 10 Endoscopic removal of foreign body from larynx
- DQD 00 Lateral fixation of vocal cord
- DQD 10 Suture of larynx
- DQD 20 Reconstruction of larynx with free mucosa graft
- DQD 30 Reconstruction of larynx with pedunculated graft
- DQD 40 Plastic repair of larynx
- DQD 42 Thyreoplasty
Eponym: Isshiki (types I-IV)
- DQD 50 Endoscopic insertion of laryngeal stent
- DQE 00 Implantation of prosthetic replacement for larynx
- DQE 10 Injection of foreign material into vocal cord
Includes: Of teflon or paraffin
- DQE 20 Implantation of foreign material in vocal chord
- DQW 99 Other operation on larynx

DW Reoperations in surgery of ear, nose and larynx

DWA Repair of wound dehiscence in surgery of ear, nose and larynx

- DWA 00 Repair of wound dehiscence in surgery of ear, nose and larynx

DWB Reoperation for superficial infection in surgery of ear, nose and larynx

Includes: For wound infection

- DWB 00 Reoperation for superficial infection in surgery of ear, nose and larynx

DWC Reoperation for deep infection in surgery of ear, nose and larynx

For infection at the site of target organs or structures

DWC 00 Reoperation for deep infection in surgery of ear, nose and larynx

DWD Reoperation for superficial haemorrhage in surgery of ear, nose and larynx

Includes: For wound haemorrhage or haematoma

DWD 00 Reoperation for superficial haemorrhage in surgery of ear, nose and larynx

DWE Reoperation for deep haemorrhage in surgery of ear, nose and larynx

For haemorrhage or haematoma at the site of target structures

DWE 00 Reoperation for deep haemorrhage in surgery of ear, nose and larynx

DWF Reoperation for insufficiency of anastomosis or suture in surgery of ear, nose and larynx

DWF 00 Reoperation for insufficiency of anastomosis or suture in surgery of ear, nose and larynx

DWW Other reoperations in surgery of ear, nose and larynx

DWW 99 Other reoperation in surgery of ear, nose and larynx

CHAPTER E

Teeth, jaws, mouth and pharynx

EA	Lips
EB	Teeth
EC	Gingiva and alveoli
ED	Mandible
EE	Maxilla
EF	Miscellaneous operations on jaws
EG	Mandibular joint
EH	Palate
EJ	Tongue and floor of mouth
EK	Cheek
EL	Salivary glands
EM	Tonsils and adenoids
EN	Pharynx and adjacent structures
EW	Reoperations for complications in surgery of teeth, jaws, mouth and pharynx

EA Lips
Puncture, biopsy, incision etc., see: TE

EAA *Incision and excision of lip*

EAA 00	Incision of lip
EAA 10	Excision of lesion of lip <i>Includes: Removal of foreign body</i>
EAA 20	Partial excision of upper lip
EAA 30	Partial excision of lower lip
EAA 99	Other excision of lip

EAB *Reconstructive operations on lip**Additional code for specification of grafts and flaps, see: ZZ*

- EAB 00 Suture of lip
Includes: Debridement
- EAB 10 Excision and repair of frenulum of lip
- EAB 20 Plastic repair of lip
Excludes: For cleft lip
- EAB 30 Correction of cleft lip
Of combined cleft lip and palate, see: EHC
- EAB 99 Other reconstructive operations on lip

EAW *Other operations on lips*

- EAW 99 Other operation on lip

EB Teeth*Conservative dental treatment, see: TE***EBA** *Extraction and partial excision of tooth*

- EBA 00 Extraction of tooth
- EBA 10 Surgical removal of tooth
- EBA 20 Hemisection of tooth
- EBA 30 Excision of root of tooth
- EBA 40 Excision of apex of root of tooth
- EBA 99 Other extraction or partial excision of tooth

EBB *Reconstructive operations on teeth*

- EBB 00 Reduction and fixation of dislocated tooth
- EBB 05 Reduction and fixation of fractured tooth
- EBB 10 Insertion of dental implant
- EBB 15 Insertion of dental implant abutment
- EBB 20 Transplantation of tooth
- EBB 99 Other reconstructive operations on tooth

EBU *Removal of implants and external fixation devices from teeth*

- EBU 00 Removal of implant or external fixation device from teeth

EBW *Other operations on teeth*

- EBW 99 Other operation on tooth

EC Gingiva and alveoli*Puncture etc., see: TE****ECA Incision, biopsy and excision of gingiva and alveolus***

- ECA 00 Surgical exposure of tooth
- ECA 10 Incision of gingiva
- ECA 20 Biopsy of gingiva
- ECA 30 Excision of lesion of gingiva
- ECA 40 Surgical treatment of parodontal abscess
- ECA 50 Parodontal operation
- ECA 60 Removal of foreign body from gingiva or alveolus
- ECA 99 Other incision or excision of gingiva and alveolus

ECB Reconstructive operations on gingiva and alveoli*Additional code for specification of grafts and flaps, see: ZZ*

- ECB 00 Suture of gingiva
Includes: Debridement
- ECB 05 Mucogingival repair
Includes: For scar or fistula
- ECB 10 Reconstruction of gingiva
- ECB 15 Plastic repair of oronasal or oroantral fistula
- ECB 20 Oral alveoplasty
- ECB 30 Alveoplasty using graft of skin or mucosa
- ECB 40 Surgical treatment of fracture of alveolus
- ECB 50 Alveoplasty using graft of bone or foreign material
- ECB 60 Reconstruction of alveolus
- ECB 99 Other reconstructive operations on gingiva

ECU Removal of implants and external fixation devices from alveoli

- ECU 00 Removal of implant or external fixation device from alveoli

ECW Other operations on gingiva and alveoli

- ECW 99 Other operation on gingiva or alveoli

ED Mandible*Puncture etc., see: TE****EDA Incision and biopsy of mandible***

- EDA 00 Incision of mandible
Includes: Drainage
- EDA 10 Biopsy of mandible

EDB *Excision of mandible**Excision of lesion of mandible, see: EFA**Condylectomy, see: EGB*

- EDB 00 Partial excision of mandible
- EDB 10 Mandibulectomy
- EDB 20 Hemimandibulectomy
- EDB 30 Coronoidectomy
- EDB 99 Other excision on mandible

EDC *Reconstructive operations on mandible**Additional code for specification of grafts and flaps, see: ZZ*

- EDC 00 Condylotomy of mandible
- EDC 05 Segmental osteotomy of mandible
- EDC 10 Sagittal osteotomy of ramus of mandible
- EDC 15 Vertical osteotomy of ramus of mandible
- EDC 20 Unspecified osteotomy of ramus of mandible
- EDC 25 Osteotomy of body of mandible
- EDC 30 Genioplasty
- EDC 32 Closed reduction and immobilisation of fracture of head or neck of mandible
- EDC 34 Closed reduction and immobilisation of fracture of body of mandible
- EDC 36 Open reduction and internal fixation of fracture of head or neck of mandible
- EDC 38 Open reduction and fixation of fracture of body of mandible
- Includes: Internal or external fixation*
- EDC 42 Reconstruction of mandible using implant
- EDC 45 Reconstruction of mandible using bone graft
- Additional code for free microvascular bone graft, see: ZZQ 40*
- EDC 99 Other reconstructive operations on mandible

EDU *Removal of implants and external fixation devices from mandible*

- EDU 00 Removal of implant or external fixation device from mandible

*From alveoli, see: ECU 00, from mandible and maxilla, see: EFU 00, from mandibular joint, see: EGU 00***EDW** *Other operations on mandible*

- EDW 99 Other operation on mandible

EE Maxilla

Operations on maxillary antrum, see: DM
Puncture etc., see: TE

EEA Incision and biopsy of maxilla

EEA 00 Incision of maxilla
 EEA 10 Biopsy of maxilla
Includes: Drainage

EEB Excision of maxilla

Excision of lesion and fenestration of cyst, see: EFA
 EEB 00 Partial excision of maxilla
 EEB 10 Maxillectomy
 EEB 20 Hemimaxillectomy
 EEB 99 Other excision of maxilla

EEC Reconstructive operations on maxilla

EEC 00 Segmental osteotomy of maxilla
 EEC 05 Le Fort I osteotomy
 EEC 10 Le Fort II osteotomy
 EEC 15 Le Fort III osteotomy
 EEC 20 Closed reduction and immobilisation of fracture of maxilla
 EEC 25 Open reduction and immobilisation of fracture of maxilla
 EEC 30 Reduction of zygomaticomaxillary fracture
 EEC 35 Reduction and osteosynthesis of zygomaticomaxillary fracture
 EEC 40 Application of skeletal traction to maxilla
 EEC 42 Reconstruction of maxilla using implant
 EEC 45 Reconstruction of maxilla using bone graft
Additional code for free microvascular bone graft, see: ZZQ 40
 EEC 99 Other reconstructive operations on maxilla

EEU Removal of implants and external fixation devices from maxilla

EEU 00 Removal of implant or external fixation device from maxilla
From alveoli, see: ECU 00, from palate, see: EHU 00, from maxilla and mandible, see: EFU 00

EEW Other operations on maxilla

EEW 99 Other operation on maxilla

EF **Miscellaneous operations on jaws*****EFA*** ***Excision of jaws***

- EFA 10 Excision of lesion of jaws
Includes: Removal of foreign body
- EFA 20 Decortication of jaws
- EFA 40 Fenestration of cyst of jaws
- EFA 50 Excision of cyst of jaws
- EFA 99 Other excision of jaws

EFB ***Reconstructive operations on jaws***

- EFB 10 Osteoplasty on jaws
- EFB 20 Reduction and/or immobilisation of multiple fractures of facial bones
- EFB 30 External fixation in fracture of facial bones
- EFB 50 Orthodontic procedure connected with orthognathic surgery
- EFB 60 Osteoplasty of jaws or facial bones with use of osseous graft or foreign material
- EFB 99 Other reconstructive operations on jaws

EFU ***Removal of implants and external fixation devices from jaws***

- EFU 00 Removal of implant or external fixation device from jaws
From mandible alone, see: EDU 00, from maxilla alone, see: EEU 00

EFW ***Other operations on jaws***

- EFW 99 Other operation on jaws

EG **Mandibular joint**

Puncture etc., see: TE

EGA ***Incision, endoscopy and biopsy of mandibular joint***

- EGA 00 Arthroscopy of mandibular joint
- EGA 10 Incision of mandibular joint
Includes: Drainage, removal of foreign body
- EGA 20 Biopsy of mandibular joint

EGB ***Excision of mandibular joint***

- EGB 00 Condylectomy of mandible
- EGB 10 Meniscectomy of mandibular joint
- EGB 20 Synovectomy of mandibular joint
- EGB 99 Other excision on mandibular joint

EGC Reconstructive operations on mandibular joint

- EGC 00 Open reduction of dislocation of jaw
 EGC 10 Arthroplasty of mandibular joint without graft
 EGC 20 Arthroplasty of mandibular joint with bone or other graft
 EGC 30 Prosthetic replacement of mandibular joint
 EGC 99 Other reconstructive operation on mandibular joint

EGU Removal of implants and external fixation devices from mandibular joint

- EGU 00 Removal of implant or external fixation device from mandibular joint

EGW Other operations on mandibular joint

- EGW 99 Other operation on mandibular joint

EH Palate

Puncture etc., see: TE

EHA Incision and biopsy of palate

- EHA 00 Incision of palate
 EHA 10 Biopsy of palate

EHB Excision of palate

- EHB 00 Excision of lesion of palate
Includes: Removal of foreign body
 EHB 99 Other excision of palate

EHC Reconstructive operations on palate

Additional code for specification of grafts and flaps, see: ZZ
Uvuloplasty and uvulopalatopharyngoplasty, see: ENC

- EHC 00 Suture of palate
Includes: Debridement
 EHC 10 Plastic repair of oronasal or oroantral fistula of palate
 EHC 20 Repair of scar of palate
 EHC 30 Reconstruction of palate
 EHC 31 Anterior partial reconstruction of palate
Includes: Stage 1 of two-stage reconstruction of cleft palate
 EHC 32 Posterior partial reconstruction of palate
Includes: Stage 2 of two-stage reconstruction of cleft palate
 EHC 40 Correction of submucous cleft palate
 EHC 50 Correction of cleft palate using pharyngeal flap
 EHC 60 Correction of combined cleft lip and palate
 EHC 99 Other reconstructive operations on palate

EHU Removal of implants and external fixation devices from palate

EHU 00 Removal of implant or external fixation device from palate

EHW Other operations on palate

EHW 99 Other operation on palate

EJ Tongue and floor of mouth***EJA Incision, biopsy and removal of foreign body of tongue and floor of mouth***

EJA 00 Incision of tongue or floor of mouth

Includes: Drainage

EJA 10 Biopsy of tongue or floor of mouth

EJA 20 Removal of foreign body from tongue or floor of mouth

EJB Excision of tongue and floor of mouth

EJB 00 Excision of ranula

EJB 10 Excision of lesion of apex or body of tongue

EJB 20 Excision of lesion of base of tongue

EJB 30 Excision of lesion of floor of mouth

EJB 40 Hemiglossectomy

EJB 50 Total glossectomy

EJB 60 Partial excision of floor of mouth

EJB 99 Other excision on tongue and floor of mouth

EJC Reconstructive operations on tongue and floor of mouth*Additional code for specification of grafts and flaps, see: ZZ*

EJC 00 Suture of tongue or floor of mouth

Includes: Debridement

EJC 20 Operation on frenulum of tongue

EJC 30 Reconstruction of tongue

EJC 40 Glossopexy

EJC 50 Reduction glossoplasty

Additional code for use of laser, radiowave or ultrasound technique, see: ZXC

EJC 99 Other reconstructive operations on tongue and floor of mouth

EJW Other operations on tongue and floor of mouth

EJW 99 Other operation on tongue or floor of mouth

EK Cheek*Operations limited to skin and subcutaneous tissue, see: QA****EKA Incision and biopsy of cheek***

EKA 00 Incision of cheek

EKA 10 Biopsy of cheek

EKB Excision of cheek

EKB 00 Excision of lesion of cheek

EKB 99 Other excision of cheek

EKC Reconstructive operations on cheek*Additional code for specification of grafts and flaps, see: ZZ*

EKC 00 Suture of cheek

Includes: Debridement

EKC 10 Removal of foreign body from cheek

Removal of foreign body from skin or subcutaneous tissue of cheek, see: QAC 00

EKC 20 Plastic repair of cheek

EKC 30 Reconstruction of cheek

EKC 99 Other reconstructive operations on cheek

EKW Other operations on cheek

EKW 99 Other operation on cheek

EL Salivary glands***ELA Incision and biopsy of salivary glands***

ELA 00 Incision of salivary gland

Includes: Drainage

ELA 10 Sialodochotomy

ELA 20 Sialolithotomy

ELA 30 Biopsy of salivary gland

ELB Excision of salivary gland

ELB 00 Excision or exploration of lesion of salivary gland

Includes: Removal of foreign body

ELB 10 Excision of minor salivary gland

ELB 20 Excision of sublingual gland

ELB 30 Excision of submandibular gland

ELB 40 Partial parotidectomy

ELB 50 Total parotidectomy

ELB 99 Other excision of salivary gland

ELC ***Reconstructive operations on salivary glands***

- ELC 00 Suture of salivary gland
Includes: Debridement
- ELC 30 Ligature of salivary duct
- ELC 40 Reconstruction of salivary duct
- ELC 50 Transposition of salivary duct
- ELC 60 Occlusion of fistula of salivary gland
- ELC 99 Other reconstructive operations on salivary glands

ELW ***Other operations on salivary glands***

- ELW 99 Other operation on salivary gland

EM Tonsils and adenoids***EMA*** ***Incision and biopsy of tonsils and adenoids***

- EMA 00 Incision of tonsil
- EMA 10 Biopsy of tonsil
- EMA 20 Incision of adenoid
- EMA 30 Biopsy of rhinopharynx

EMB ***Excision of tonsils and adenoids***

- EMB 00 Excision of lesion of tonsil or adenoids
- EMB 10 Tonsillectomy
- EMB 15 Intracapsular destruction of tonsils
Additional code for use of laser or related technique, see: ZXC
- EMB 20 Adenotonsillectomy
- EMB 30 Adenotomy
- EMB 99 Other excision on tonsils and adenoids

EMC ***Reconstructive operations on tonsils and adenoids***

- EMC 00 Suture of tonsil or adenoids
Includes: Debridement
- EMC 10 Removal of foreign body from tonsil
- EMC 99 Other reconstructive operations on tonsils and adenoids

EMW ***Other operations on tonsils and adenoids***

- EMW 99 Other operation on tonsil or adenoids

EN Pharynx and adjacent structures**ENA** *Incision and biopsy of pharynx and adjacent structures**Includes: Pharyngostomy*

ENA 00 Internal incision of pharynx

Includes: Drainage

ENA 10 Biopsy of pharynx

ENA 20 Pharyngotomy

ENA 30 Pharyngostomy

ENB *Excision of pharynx and adjacent structures*

ENB 00 Excision or exploration of lesion of pharynx

ENB 10 Excision of diverticulum of hypopharynx

ENB 20 Pharyngectomy

ENB 30 Laryngopharyngectomy

ENB 40 Excision of branchial cyst or fistula

Of first branchial cleft fistula, see: DAB 20

ENB 50 Excision of cyst or fistula of thyroglossic duct

ENB 60 Excision of styloid process

ENB 99 Other excision of pharynx and adjacent structures

ENC *Reconstructive operations on pharynx and adjacent structures*

ENC 00 Suture of pharynx and adjacent structures

Includes: Debridement

ENC 10 Removal of foreign body from pharynx

ENC 20 Myotomy of cricopharyngeal muscle

ENC 30 Plastic operation of pharynx

Includes: Uvuloplasty

ENC 40 Uvulopalatopharyngoplasty

ENC 45 Reduction palatopharyngoplasty using electromagnetic or sonic energy

Treatment of upper airway obstructive sleep disorders using laser, radiowave or ultrasonic technique. Additional code for technique, see: ZXC

ENC 50 Closure of fistula of pharynx

ENC 60 Freeing of adhesions of pharynx

ENC 70 Endoscopic diverticulo-hypopharyngostomy

ENC 99 Other reconstructive operation on pharynx and adjacent structures

ENW *Other operations on pharynx and adjacent structures*

ENW 99 Other operation on pharynx or adjacent structures

- EW** Reoperations for complications in surgery of teeth, jaws, mouth and pharynx
- EWA** *Repair of wound dehiscence in surgery of teeth, jaws, mouth and pharynx*
 EWA 00 Repair of wound dehiscence in surgery of teeth, jaws, mouth and pharynx
- EWB** *Reoperation for superficial infection in surgery of teeth, jaws, mouth and pharynx*
Includes: For wound infection
 EWB 00 Reoperation for superficial infection in surgery of teeth, jaws, mouth and pharynx
- EWC** *Reoperation for deep infection in surgery of teeth, jaws, mouth and pharynx*
For infection at the site of target organs or structures
 EWC 00 Reoperation for deep infection in surgery of teeth, jaws, mouth and pharynx
- EWD** *Reoperation for superficial haemorrhage in surgery of teeth, jaws, mouth and pharynx*
Includes: For wound haemorrhage or haematoma
 EWD 00 Reoperation for superficial haemorrhage in surgery of teeth, jaws, mouth and pharynx
- EWE** *Reoperation for deep haemorrhage in surgery of teeth, jaws, mouth and pharynx*
For haemorrhage or haematoma at the site of target structures
 EWE 00 Reoperation for deep haemorrhage in surgery of teeth, jaws, mouth and pharynx
- EFW** *Reoperation for insufficiency of anastomosis or suture in surgery of teeth, jaws, mouth and pharynx*
 EFW 00 Reoperation for insufficiency of anastomosis or suture in surgery of teeth, jaws, mouth and pharynx
- EWW** *Other reoperations in surgery of teeth, jaws, mouth and pharynx*
 EWW 99 Other reoperations in surgery of teeth, jaws, mouth and pharynx

CHAPTER F

Heart and major thoracic vessels

FA	Major thoracic veins
FB	Pulmonary artery with branches
FC	Thoracic and thoracoabdominal aorta, excluding malformations
FD	Malformations relating to thoracic aorta
FE	Pericardium
FF	Atrium, atrial septum and pulmonary veins
FG	Tricuspid valve
FH	Ventricular septum
FJ	Right ventricle and pulmonary valve
FK	Mitral valve
FL	Left ventricle
FM	Aortic valve
FN	Coronary arteries
FP	Arrhythmias and disturbances of impulse propagation
FQ	Transplantation of heart or heart and lung
FW	Reoperations on heart and major thoracic vessels
FX	Procedures relating to extracorporeal or assisted circulation

Puncture and other minor procedures, see: TF

Significance of the last digit of codes:

In chapter F, the last digit of the code is used to identify the approach in the following manner:

- Digits 0, 3 and 6:** Operations or procedures by open approach.
Note: Procedures not otherwise specified in the code texts are by open approach.
- Digits 1, 4 and 7:** Endoscopic operations or procedures through puncture or incision
Includes: Thoracoscopic procedures.
Includes: Use of auxiliary stabs or minor incisions.
Note: In the code texts, these procedures are specified as thoracoscopic.
- Digits 2, 5 and 8:** Percutaneous transluminal procedures, with or without endoscopy

FA Major thoracic veins*ASD = Atrial septal defect**Operations on other thoracic veins, see: Chapter P**Operations on atrium or atrial septum, see: FF**Operations on pulmonary veins, see: FFF-FFH***FAA Suture or repair of thoracic vena cava***E.g.: For injury*

- FAA 00 Suture of thoracic vena cava
- FAA 10 Repair of thoracic vena cava using graft
- FAA 96 Other suture or repair of vena cava

FAB Incision and excision of thoracic vena cava*Includes: Removal of impacted material*

- FAB 00 Incision of thoracic vena cava
- FAB 10 Thrombectomy of thoracic vena cava
- FAB 20 Removal of foreign body from thoracic vena cava
- FAB 22 Percutaneous transluminal removal of foreign body from thoracic vena cava
- FAB 30 Excision of lesion of thoracic vena cava
- FAB 96 Other incision or excision of thoracic vena cava

FAC Resection, reconstruction or ligation of thoracic vena cava*Includes: Reconstruction*

- FAC 00 Resection or ligation of thoracic vena cava
- FAC 10 Resection and reconstruction of thoracic vena cava using vein autograft
- FAC 20 Resection and reconstruction of thoracic vena cava using prosthetic graft
- FAC 22 Percutaneous transluminal angioplasty of thoracic vena cava
- FAC 25 Percutaneous transluminal angioplasty of thoracic vena cava with insertion of stent
- FAC 96 Other resection, reconstruction or ligation of thoracic vena cava

FAD Bypass operations on thoracic vena cava

- FAD 00 Bypass operation on thoracic vena cava using vein graft
- FAD 10 Bypass operation on thoracic vena cava using tube graft
- FAD 96 Other bypass operations on thoracic vena cava

FAE Connection to pulmonary artery from superior vena cava

- FAE 00 Anastomosis to pulmonary artery from superior vena cava
Eponym: Glenn
- FAE 10 Bidirectional anastomosis between superior vena cava and pulmonary artery
Includes: Closure of pulmonary trunk
- FAE 20 Total cavo-pulmonary connection
Eponym: Fontan (modified)
Includes: Construction of intraatrial conduit or closure of ASD
- FAE 30 Total cavo-pulmonary connection using fenestrated patch
Eponym: Fontan (fenestrated)
- FAE 40 Total cavo-pulmonary connection using extracardial conduit

FAE 50 Total extracardial cavo-pulmonary connection with shunt to atrium

Includes: With extracardial shunt or fenestration

Atrial anastomosis operations, see: FFK

FAE 96 Other connection to pulmonary artery from superior vena cava

FAF Operations subsequent to cavo-pulmonary connection

FAF 00 Fenestration of total cavo-pulmonary connection

FAF 10 Closure of fenestration of cavo-pulmonary connection

FAF 12 Percutaneous transluminal closure of fenestration of cavo-pulmonary connection

Includes: Use of occluding device

FAF 20 Closure of cavo-pulmonary anastomosis

Includes: Reopening of atrial septal defect

Subclaviopulmonary and aortopulmonary connection, see: FBJ, FBL

FAF 96 Other operation subsequent to cavo-pulmonary connection

FAW Other operations on major thoracic veins

FAW 96 Other operation on major thoracic veins

FB Pulmonary artery with branches

MAPCA = Multiple anomalous pulmonary collateral arteries

Ligature of aorto-pulmonary collaterals, see: FDF

Operations on pulmonary valve, see: FJ

FBA Suture or repair of pulmonary artery

Includes: Using graft, e.g.: For injury

FBA 00 Suture of pulmonary artery

FBA 10 Suture of pulmonary artery using graft

FBA 96 Other suture or repair of pulmonary artery

FBB Incision of pulmonary artery

Includes: Removal of adherent or impacted material

FBB 00 Incision of pulmonary artery

FBB 10 Transluminal extraction of pulmonary embolus

FBB 20 Thrombendarterectomy of pulmonary artery in chronic obstruction

FBB 50 Removal of foreign body from pulmonary artery

FBB 52 Percutaneous transluminal removal of foreign body from pulmonary artery

FBB 96 Other incision of pulmonary artery

FBC Banding operations on pulmonary artery

FBC 00 Banding of pulmonary artery

Without other concurrent procedure

FBC 10 Banding of pulmonary artery with other concurrent procedure for congenital heart defect

FBC 96 Other banding operations on pulmonary artery

FBD Debanding operations on pulmonary artery

- FBD 00 Removal of band from pulmonary artery
 FBD 10 Removal of band and dilatation of pulmonary artery
 FBD 12 Percutaneous transluminal rupture of band and dilatation of pulmonary artery
 FBD 20 Removal of band and reconstruction of pulmonary artery
Includes: Use of graft
 FBD 96 Other debanding operation on pulmonary artery

FBE Expansion and reconstruction of pulmonary artery

- FBE 00 Expansion of pulmonary artery
 FBE 10 Expansion or reconstruction of pulmonary artery using patch
 FBE 20 Reconstruction of pulmonary artery using tube graft
 FBE 32 Percutaneous transluminal angioplasty of pulmonary artery
 FBE 35 Percutaneous transluminal angioplasty of pulmonary artery with insertion of stent
 FBE 42 Percutaneous transluminal recanalisation of pulmonary artery
Additional code for specification of technique, see: ZFX, ZXC
 FBE 96 Other expansion or reconstruction of pulmonary artery

FBF Reduction of pulmonary artery*E.g.: For aneurysm*

- FBF 00 Resection of pulmonary artery
 FBF 10 Resection and reconstruction of pulmonary artery using graft
 FBF 20 Resection of pulmonary artery and reconstruction of airway
Includes: Use of graft for arterial reconstruction
 FBF 96 Other reduction of pulmonary artery

FBG Unifocalisation in MAPCA with implantation in pulmonary artery or graft*Closure of other aorto-pulmonary collaterals, see: FDF*

- FBG 00 Anastomosis to pulmonary artery from MAPCA
 FBG 10 Anastomosis to graft from MAPCA
 FBG 96 Other unifocalisation in MAPCA

FBH Repair of pulmonary artery sling*Includes: Tracheo-bronchial reconstruction*

- FBH 00 Transposition of pulmonary artery sling
 FBH 10 Transposition of pulmonary artery sling with division of airway
 FBH 96 Other repair of pulmonary artery sling

FBJ Connection to pulmonary artery from subclavian artery

- FBJ 00 Anastomosis to pulmonary artery from subclavian artery
Eponym: Blalock-Taussig
 FBJ 10 Anastomosis to pulmonary artery from subclavian artery with interposition graft
 FBJ 96 Other connection to pulmonary artery from subclavian artery

FBK *Closure of subclavio-pulmonary connection**Includes: Division of artery or interposed graft*

- FBK 03 Closure of subclavio-pulmonary anastomosis
 FBK 13 Closure of subclavio-pulmonary anastomosis with reconstruction of pulmonary artery
 FBK 96 Closure of other subclavio-pulmonary connection

FBL *Connection to pulmonary artery from aorta**Includes: Use of graft*

- FBL 00 Anastomosis to pulmonary trunk from ascending aorta
 FBL 10 Aorto-pulmonary anastomosis
 Eponym: Waterston
 FBL 20 Distal aorto-pulmonary anastomosis
 Eponym: Potts
 FBL 30 Aorto-pulmonary anastomosis using graft
 FBL 40 Aorto-pulmonary anastomosis in single ventricle conditions
 Eponym: Damus-Kaye-Stansel (or similar)
 FBL 50 Aorto-pulmonary anastomosis with transection of pulmonary artery
 Eponym: Mee
 FBL 96 Other connection to pulmonary artery from aorta

FBM *Closure of artificial aorto-pulmonary connection**Includes: As only procedure*

- FBM 00 Closure of central aorto-pulmonary anastomosis
 FBM 10 Closure of aorto-pulmonary shunt
 Eponym: Waterston
 FBM 20 Closure of distal aorto-pulmonary shunt
 Eponym: Potts
 FBM 30 Closure of prosthetic aorto-pulmonary connection
 FBM 96 Other closure of artificial aorto-pulmonary connection

FBN *Closure of fistula of pulmonary artery*

- FBN 00 Closure of fistula to atrium from pulmonary artery
 FBN 10 Closure of arterio-venous fistula from pulmonary artery
 FBN 96 Closure of other fistula of pulmonary artery

FBW *Other operations on pulmonary artery and branches*

- FBW 96 Other operation on pulmonary artery and branches

FC Thoracic and thoracoabdominal aorta, excluding malformations

Operations on aortic valve, see: FM

Bypass from aortic arch to carotid artery, see: PXH 10

FCA *Repair of ascending aorta*

Excludes: Repair of acquired fistula, see: FCE

- FCA 00 Suture of ascending aorta
- FCA 10 Repair of ascending aorta by division and suture
- FCA 20 Reinforcement of ascending aorta with wrapping
- FCA 30 Partial resection and suture of ascending aorta
- FCA 40 Repair of ascending aorta using patch
- FCA 45 Percutaneous insertion of stent into ascending aorta
Includes: Of plain mesh stent and coated stent (stentgraft)
- FCA 50 Resection and reconstruction of ascending aorta using tube graft
- FCA 60 Resection of aortic root and ascending aorta with reimplantation of coronary arteries and use of composite graft with mechanical valve prosthesis
Eponyms: Bentall-deBono, Cabrol
- FCA 70 Resection of aortic root and ascending aorta with reimplantation of coronary arteries and use of biological valve prosthesis and tube graft
Eponyms: Bentall-deBono, Cabrol
- FCA 83 Removal of foreign body from ascending aorta
- FCA 84 Percutaneous removal of foreign body from ascending aorta
- FCA 96 Other repair of ascending aorta

FCB *Repair of aortic arch*

Excludes: Repair of acquired fistula, see: FCE

- FCB 00 Suture of aortic arch
- FCB 10 Repair of aortic arch by division and suture
- FCB 20 Partial resection and suture of aortic arch
- FCB 30 Repair of aortic arch using patch
- FCB 35 Percutaneous insertion of stent into aortic arch
Includes: Of plain mesh stent and coated stent (stentgraft)
- FCB 40 Resection and reconstruction of aortic arch using tube graft
- FCB 50 Resection of aortic arch and reimplantation of branches
Includes: Use of tube graft
- FCB 80 Removal of foreign body from aortic arch
- FCB 82 Percutaneous removal of foreign body from aortic arch
- FCB 96 Other repair of aortic arch

FCC *Repair of descending aorta*

Excludes: Repair of acquired fistula, see: FCE

- FCC 00 Suture of descending aorta
- FCC 10 Repair of descending aorta by division and suture
- FCC 30 Partial resection and suture of descending aorta

- FCC 40 Repair of descending aorta using patch
- FCC 45 Percutaneous insertion of stent into descending aorta
Includes: Of plain mesh stent and coated stent (stentgraft)
- FCC 50 Resection and reconstruction of descending aorta using tube graft
- FCC 60 Resection of descending aorta and reimplantation of branches
Includes: Reimplantation of branches of aortic arch and/or intercostal arteries, and use of tube graft
- FCC 70 Bypass to descending aorta using tube graft
Includes: Ligature or resection of aorta
- FCC 76 Bypass to thoracoabdominal aorta using tube graft
Includes: Ligature or resection of aorta
- FCC 80 Removal of foreign body from descending aorta
- FCC 82 Percutaneous removal of foreign body from descending aorta
- FCC 96 Other repair of descending aorta

FCD Repair of thoracoabdominal aorta

Excludes: Repair of acquired fistula, see: FCE

- FCD 00 Suture of thoracoabdominal aorta
- FCD 10 Reinforcement of thoracoabdominal aorta using suture
- FCD 30 Repair of thoracoabdominal aorta using patch
- FCD 35 Percutaneous insertion of stent into thoracoabdominal aorta
Includes: Of plain mesh stent and coated stent (stentgraft)
- FCD 40 Partial resection and suture of thoracoabdominal aorta
- FCD 50 Resection and reconstruction of thoracoabdominal aorta using tube graft
- FCD 60 Resection of thoracoabdominal aorta and reimplantation of branches
Includes: Reimplantation of intercostal and/or visceral arteries, and use of tube graft
- FCD 70 Bypass of thoracoabdominal aorta using tube graft
Includes: Ligature or resection of aorta
- FCD 80 Removal of foreign body from thoracoabdominal aorta
- FCD 82 Percutaneous removal of foreign body from thoracoabdominal aorta
- FCD 96 Other repair of thoracoabdominal aorta

FCE Closure of acquired fistula from aorta

- FCE 00 Closure of ruptured aneurysm of sinus of Valsalva
- FCE 10 Closure of acquired aorto-venous fistula
- FCE 20 Closure of acquired aorto-pulmonary fistula
- FCE 30 Closure of acquired aorto-bronchial fistula
- FCE 40 Closure of acquired aorto-enteric fistula
- FCE 96 Closure of other acquired fistula from aorta

FCW Other operations on thoracic or thoracoabdominal aorta

Excludes: For malformations

- FCW 96 Other operation on thoracic or thoracoabdominal aorta

FD Malformations relating to thoracic aorta*IAA = Interrupted aortic arch**HLHS = Hypoplastic left heart syndrome**MAPCA = Multiple anomalous pulmonary collateral arteries**TGA = Transposition of the great arteries**VSD = Ventricular septal defect**Aorto-pulmonary anastomosis, see: FBL**Pulmonary artery sling, see: FBH**Subclavio-pulmonary anastomosis, see: FBJ**Unifocalisation in MAPCA, see: FBG**Operations on arteries arising from aortic arch, excluding aorto-pulmonary shunts, see: Chapter P***FDA Operations for hypoplastic left heart syndrome**

FDA 00 Aortoplasty and aorto-pulmonary shunt for HLHS

Eponym: Norwood stage 1

FDA 10 Aortoplasty and ventriculo-pulmonary shunt for HLHS

Eponym: Norwood stage 1, Sano modification

FDA 96 Other operation for HLHS

FDB Operations for transposition of the great arteries*Synonym: Arterial switch*

FDB 03 Arterial switch for TGA

*Includes: Closure of ductus arteriosus**Concurrent closure of VSD, see: FHB**Concurrent intraatrial switch (double switch): see FFJ**Concurrent correction of anomalous coronary artery, see: FNK**Intraventricular switch combined with extraventricular conduit (Rastelli, REV), see: FHG 20*

FDB 20 Arterial switch operation for other congenital heart defect

FDB 96 Other operation for transposition of the great arteries

FDC Repair of persistent truncus arteriosus*Includes: Closure of VSD*

FDC 00 Repair of persistent truncus arteriosus with simple prosthetic connection to pulmonary artery from right ventricle

FDC 10 Repair of persistent truncus arteriosus using valved prosthesis

FDC 20 Repair of persistent truncus arteriosus with anastomosis to pulmonary artery from right ventricle

Eponym: Lecompte

FDC 96 Other repair of persistent truncus arteriosus

FDD Closure of congenital fistula from aorta

FDD 00 Closure of aorto-ventricular tunnel

FDD 10 Ligature of aorto-pulmonary window

FDD 13 Closure of aorto-pulmonary window with suture

FDD 20 Closure of aorto-pulmonary window using patch

FDD 96 Closure of other congenital fistula from aorta

FDE *Closure of patent ductus arteriosus*

- FDE 00 Closure of patent ductus arteriosus
In premature infants
- FDE 10 Ligature of patent ductus arteriosus
- FDE 20 Division of patent ductus arteriosus
- FDE 31 Thoracoscopic closure of patent ductus arteriosus
- FDE 32 Percutaneous transluminal occlusion of patent ductus arteriosus
Includes: With use of umbrella device
- FDE 96 Other closure of patent ductus arteriosus

FDF *Closure of aorto-pulmonary collaterals*

Unifocalisation, see: FBG

- FDF 00 Closure of aorto-pulmonary collaterals
- FDF 05 Percutaneous transluminal occlusion of aorto-pulmonary collaterals

FDG *Operations for supra-avalvular aortic stenosis*

Includes: Use of implant

- FDG 00 Reconstruction of ascending aorta for supra-avalvular aortic stenosis
- FDG 10 Reconstruction of ascending aorta for supra-avalvular aortic stenosis using patch
- FDG 96 Other operation for supra-avalvular aortic stenosis

FDH *Operations for interrupted or hypoplastic aortic arch*

- FDH 00 End to end reconstruction of interrupted or hypoplastic aortic arch
- FDH 10 Reconstruction of interrupted or hypoplastic aortic arch using patch
- FDH 30 Reconstruction of interrupted or hypoplastic aortic arch using tube graft
- FDH 40 Reconstruction of interrupted or hypoplastic aortic arch with bypass
- FDH 96 Other operation for interrupted or hypoplastic aortic arch

FDJ *Operations for coarctation of aorta*

- FDJ 00 End to end reconstruction of aorta for coarctation
- FDJ 10 Aortoplasty using subclavian or carotid artery for coarctation
Eponym: Waldhausen (or similar)
- FDJ 20 Aortoplasty for coarctation using patch
Eponym: Vosschulte (or similar)
- FDJ 30 Reconstruction of aorta for coarctation using tube graft
- FDJ 42 Percutaneous transluminal angioplasty of thoracic aorta in coarctation
Includes: In recoarctation
- FDJ 96 Other operation for coarctation of aorta

FDM *Operation for vascular ring anomalies of aortic arch*

- FDM 00 Division of double aortic arch
 FDM 10 Division of other vascular ring anomaly of aortic arch
 FDM 11 Thoracoscopic division of other vascular ring anomaly of aortic arch
 FDM 20 Transposition of arterial sling
 Includes: Of anomalous brachio-cephalic trunk
 FDM 96 Other operation for vascular ring anomalies of aortic arch

FDN *Operations on ductus arteriosus to maintain patency*

- FDN 02 Percutaneous transluminal insertion of stent into ductus arteriosus

FDW *Other operations for malformations of thoracic or thoracoabdominal aorta*

- FDW 96 Other operation for malformation of thoracic or thoracoabdominal aorta

FE Pericardium**FEA** *Closed external drainage of pericardium*

- Needle biopsy and puncture without drainage, see: TFE 00*
 FEA 00 Closed external drainage of pericardium

FEB *Pericardiotomy*

- Includes: External drainage*
 FEB 00 Exploration of pericardium
 FEB 10 Decompression and drainage of pericardium
 E.g.: In injury
 FEB 51 Thoracoscopic pericardiotomy
 FEB 96 Other pericardiotomy procedures

FEC *Internal pericardiostomy*

- FEC 00 Pericardiopleurostomy
 E.g.: In hydropericardium
 FEC 01 Thoracoscopic pericardiopleurostomy
 FEC 10 Pericardioperitoneostomy
 FEC 96 Other internal pericardiostomy

FED *Repair of pericardium*

- FED 00 Suture of pericardium
 Includes: Reduction of dislocation of heart
 FED 03 Reconstruction of pericardium using patch
 FED 10 Suture of pericardium and diaphragm
 Includes: Reduction of dislocation of viscera
 FED 96 Other repair of pericardium

FEE Biopsy or excision of lesion of pericardium

- FEE 00 Biopsy of pericardium
 FEE 01 Thoracoscopic biopsy of pericardium
 FEE 10 Excision of lesion of pericardium
Includes: Removal of foreign body
 FEE 96 Other biopsy or excision of lesion of pericardium

FEF Resection or extirpation of pericardium

Resection of pericardium in extended pneumonectomy and extended excision of mediastinal tumour, see: GDD 20 and GEB 40

- FEF 00 Resection of pericardium
 FEF 10 Subtotal pericardiectomy
 FEF 20 Pericardiectomy with decortication
 FEF 31 Thoracoscopic pericardiectomy
 FEF 96 Other resection or extirpation of pericardium

FEW Other operations on pericardium

- FEW 96 Other operation on pericardium

FF Atrium, atrial septum and pulmonary veins

ASD = Atrial septal defect

TAPVD = Total anomalous pulmonary vein drainage

TGA = Transposition of the great arteries

Cavo-pulmonary anastomosis, see: FAE

Operations on major thoracic veins, see: FA

FFA Biopsy or excision of lesion of atrium

Includes: Removal of foreign body

Resection of atrium in extended pneumonectomy, see: GDD 20

- FFA 00 Biopsy of atrium
 FFA 02 Percutaneous transluminal biopsy of atrium
 FFA 10 Excision of lesion of atrium
 FFA 20 Thrombectomy of atrium
 FFA 30 Removal of foreign body from atrium
 FFA 32 Percutaneous transluminal removal of foreign body from atrium
 FFA 96 Other biopsy or excision of lesion in atrium

FFB Operations on atrium for injury

- FFB 00 Suture of atrium
 FFB 10 Repair of atrium
Includes: Use of patch
 FFB 96 Other operation on atrium for injury

FFC ***Closure of isolated atrial septal defect***

- FFC 00 Suture of ostium secundum type ASD
 FFC 10 Suture of sinus venosus type ASD
 FFC 22 Percutaneous transluminal closure of ostium secundum type ASD
 Includes: With use of umbrella device
 FFC 32 Percutaneous transluminal closure of sinus venosus type ASD
 Includes: With use of umbrella device
 FFC 50 Closure of ostium secundum type ASD using patch
 FFC 60 Closure of sinus venosus type ASD using patch
 FFC 96 Other closure of isolated atrial septal defect

FFD ***Operations for partial atrio-ventricular septal defect***

Synonyms: Partial atrio-ventricular canal defect, ostium primum defect
Includes: Suture of cleft mitral leaflet
Total atrio-ventricular septal defect, see: FHD

- FFD 00 Suture of atrio-ventricular septal defect
 FFD 20 Closure of atrio-ventricular septal defect using patch
 FFD 96 Other operation for partial atrio-ventricular septal defect

FFE ***Creation or expansion of atrial septal defect***

- FFE 00 Closed atrial septostomy
 Creation of ASD by closed operation
 Eponym: Blalock-Hanlon
 FFE 02 Percutaneous transluminal atrial septostomy
 Includes: With use of balloon catheter, eponym: Rashkind, or cutting device, synonym: blade septostomy
 FFE 10 Creation or expansion of ASD in open heart surgery
 FFE 96 Other creation or expansion of atrial septal defect

FFF ***Operations for partially anomalous pulmonary veins***

Includes: Closure of ASD

- FFF 00 Transposition of partially anomalous pulmonary veins using intraatrial patch
 FFF 10 Creation or expansion of ASD and transposition of partially anomalous pulmonary veins using intraatrial patch
 FFF 20 Anastomosis to left atrium from partially anomalous pulmonary veins
 FFF 96 Other operation for partially anomalous pulmonary veins

FFG ***Correction of total anomalous pulmonary vein drainage***

Includes: closure of ASD

- FFG 00 Repair of supracardial TAPVD
 FFG 10 Repair of cardial type TAPVD
 FFG 20 Repair of infracardial TAPVD
 FFG 30 Repair of mixed type TAPVD
 FFG 96 Other correction of total anomalous pulmonary vein drainage

FFH Operations for stenosis of pulmonary vein

- FFH 00 Operation for primary stenosis of pulmonary vein
 FFH 10 Operation for stenosis of pulmonary vein after correction of TAPVD
 FFH 22 Percutaneous transluminal angioplasty of pulmonary vein
 FFH 25 Percutaneous transluminal angioplasty of pulmonary vein with insertion of stent
 FFH 96 Other operation for stenosis of pulmonary vein

FFJ Intraatrial transposition of venous return

E.g.: In transposition of great arteries

- FFJ 00 Intraatrial transposition using atrial wall
Eponym: Senning
 FFJ 10 Intraatrial transposition using atrial patch
Eponym: Mustard
 FFJ 96 Other intraatrial transposition of venous return

FFK Atrial anastomosis operations

Eponym: Fontan

Includes: Use of valvular and tube prostheses and closure of ASD

- FFK 10 Atrio-ventricular anastomosis
 FFK 20 Atrio-pulmonary anastomosis
 FFK 96 Other operation involving atrial anastomoses

FFL Reconstruction of atrium in cor triatriatum

Includes: Closure of ASD

- FFL 00 Resection of intraatrial membrane
 FFL 10 Resection of intraatrial membrane and closure of ASD
 FFL 96 Other reconstruction of atrium in cor triatriatum

FFW Other operations on atria

- FFW 96 Other operation on atria

FG Tricuspid valve***FGA Repair of tricuspid valve for stenosis***

- FGA 00 Commissurotomy of tricuspid valve for congenital malformation
 FGA 10 Commissurotomy of tricuspid valve for acquired stenosis
 FGA 32 Percutaneous transluminal expansion of tricuspid valve
 FGA 96 Other repair of tricuspid valve for stenosis

FGB Repair of Ebstein's anomaly

- FGB 00 Repair of Ebstein's anomaly with atrio-ventricular plication
Eponym: Hardy
- FGB 10 Repair of Ebstein's anomaly with mobilisation and ventricular plication
Eponym: Carpentier
- FGB 96 Other repair of Ebstein's anomaly

FGC Annuloplasty of tricuspid valve for insufficiency

- FGC 00 Annuloplasty of tricuspid valve using suture
Eponym: DeVega (or similar)
- FGC 10 Annuloplasty of tricuspid valve using prosthetic ring
Eponyms: Puig-Massana, Carpentier (or similar)
- FGC 96 Other annuloplasty of tricuspid valve for insufficiency

FGD Repair of tricuspid valve for insufficiency

- FGD 00 Repair of tricuspid valve using suture
- FGD 03 Suture of cleft tricuspid leaflet
- FGD 10 Repair of tricuspid valve using patch
- FGD 30 Repair of tricuspid valve with suture of papillary muscle or chord
- FGD 40 Repair of tricuspid valve using prosthetic chord
- FGD 96 Other repair of tricuspid valve for insufficiency

FGE Prosthetic replacement of tricuspid valve

- FGE 00 Replacement of tricuspid valve using mechanical prosthesis
- FGE 10 Replacement of tricuspid valve using biological prosthesis
- FGE 20 Replacement of tricuspid valve using homograft
- FGE 96 Other prosthetic replacement of tricuspid valve

FGW Other operations on tricuspid valve

- FGW 96 Other operation on tricuspid valve

FH Ventricular septum

VSD = Ventricular septal defect

VSR = Ventricular septal rupture

DOLV = Double outlet left ventricle

DORV = Double outlet right ventricle

FHA Closure of acquired ventricular septal defect

Includes: Caused by injury or myocardial infarction

- FHA 00 Closure of VSR for injury
- FHA 10 Closure of VSR in anteroseptal myocardial infarction
- FHA 20 Closure of VSR in posteroseptal myocardial infarction
- FHA 96 Other closure of acquired ventricular septal defect

FHB *Closure of congenital ventricular septal defect*

- FHB 00 Transatrial suture of VSD
 FHB 10 Transventricular suture of VSD
 FHB 20 Transpulmonary suture of VSD
 FHB 30 Transaortal suture of VSD
 FHB 40 Intraoperative transluminal closure of ventricular septal defect
 Intraoperative insertion of umbrella device with extraventricular, but not percutaneous access
 Concomitant to open closure of multiple ventricular septal defects: Add to FHC-code for closure of multiple VSD
 FHB 42 Percutaneous transluminal closure of ventricular septal defect
 FHB 50 Transatrial closure of VSD using patch
 FHB 60 Transventricular closure of VSD using patch
 FHB 70 Transpulmonary closure of VSD using patch
 FHB 80 Transaortal closure of VSD using patch
 FHB 96 Other closure of congenital ventricular septal defect

FHC *Closure of multiple congenital ventricular septal defects*

- FHC 00 Transatrial closure of multiple ventricular septal defects
 FHC 10 Closure of multiple ventricular septal defects through right ventriculotomy
 FHC 20 Closure of multiple ventricular septal defects through left ventriculotomy
 FHC 30 Closure of multiple ventricular septal defects through atriotomy and ventriculotomy
 FHC 96 Other closure of multiple congenital ventricular septal defects

FHD *Repair of complete atrio-ventricular septal defect*

Includes: Valvuloplasty

Partial atrio-ventricular septal defect, see: FFD

- FHD 00 Repair of complete atrio-ventricular septal defect using atrio-ventricular patch
 FHD 03 Repair of complete atrio-ventricular septal defect using atrial patch and suture of ventricular septal defect
 FHD 10 Repair of complete atrio-ventricular septal defect using two patch technique
 FHD 30 Repair of complete atrio-ventricular septal defect and concurrent resection of pulmonary stenosis
 FHD 96 Other repair of complete atrio-ventricular septal defect

FHE *Repair of tetralogy of Fallot*

Closure of VSD, resection of pulmonary stenosis

- FHE 00 Transatrial repair of tetralogy of Fallot
 FHE 10 Transventricular repair of tetralogy of Fallot
 FHE 20 Transventricular repair of tetralogy of Fallot with outlet patch
 FHE 30 Repair of tetralogy of Fallot with transannular patch
 Includes: Use of monocusp valve
 FHE 40 Repair of tetralogy of Fallot with ventriculo-pulmonary prosthesis or homograft
 FHE 96 Other repair of tetralogy of Fallot

FHF Repair of pulmonary atresia*Includes: Closure of VSD and reconstruction of right ventricle outlet*

- FHF 00 Repair of pulmonary atresia with transannular patch
Includes: Use of monocusp valve
- FHF 10 Repair of pulmonary atresia with ventriculo-pulmonary prosthesis or homograft
- FHF 20 Repair of pulmonary atresia with transannular patch and closure of VSD
- FHF 30 Repair of pulmonary atresia with ventriculo-pulmonary prosthesis or homograft and closure of VSD
- FHF 96 Other repair of pulmonary atresia

FHG Closure of VSD with concurrent intraventricular transposition for double outlet ventricle

- FHG 00 Correction of DOLV
- FHG 10 Correction of DORV
- FHG 20 Intraventricular switch with extraventricular conduit
Eponym: Rastelli
Includes: Réparation à l'étage ventriculaire (REV)
- FHG 96 Other operation for double outlet ventricle

FHH Creation or expansion of VSD

- FHH 00 Expansion of VSD in univentricular heart
- FHH 10 Expansion of VSD in double outlet ventricle
- FHH 20 Fenestration of VSD patch
- FHH 96 Other operation for creation or expansion of VSD

FHJ Construction of septum in common ventricle

- FHJ 00 Construction of ventricular septum using patch
- FHJ 10 Construction of ventricular septum using fenestrated patch
- FHJ 96 Other construction of septum in common ventricle

FHW Other operations on ventricular septum

- FHW 96 Other operation on ventricular septum

FJ Right ventricle and pulmonary valve*Operations on ventricular septum, see: FH****FJA Biopsy of right ventricle****Includes: In investigation of heart transplant rejection*

- FJA 00 Biopsy of right ventricle
- FJA 12 Percutaneous transluminal biopsy of right ventricle
- FJA 96 Other biopsy of right ventricle

FJB Repair of right ventricle for injury

- FJB 00 Suture of right ventricle for injury
 FJB 10 Repair of right ventricle for injury using graft
 FJB 96 Other repair of right ventricle for injury

FJC Excision of lesion of right ventricle*Includes: Removal of foreign body*

- FJC 00 Excision of lesion of right ventricle
 FJC 10 Removal of foreign body from right ventricle
 FJC 12 Percutaneous transluminal removal of foreign body from right ventricle

FJD Operations on right ventricle outlet for congenital or acquired obstruction

- FJD 00 Resection of fibromuscular infundibular pulmonary stenosis
 FJD 10 Expansion of right ventricle with patch
Includes: Resection of tissue
 FJD 20 Bypass of pulmonary valve with ventriculopulmonary prosthesis or homograft
 FJD 96 Other operation on right ventricle outlet for congenital or acquired obstruction

FJE Operations on pulmonary valve for isolated stenosis

- FJE 00 Dilatation of pulmonary valve
 FJE 10 Pulmonary valvulotomy
 FJE 20 Excision of pulmonary valve and expansion of annulus using patch
 FJE 30 Transannular pulmonary patch using monocusp valve
 FJE 42 Percutaneous transluminal expansion of pulmonary valve
 FJE 96 Other operation on pulmonary valve for isolated stenosis

FJF Prosthetic replacement of pulmonary valve*Includes: Excision*

- FJF 00 Replacement of pulmonary valve using mechanical prosthesis
 FJF 10 Replacement of pulmonary valve using biological prosthesis
 FJF 20 Replacement of pulmonary valve using homograft
 FJF 96 Other prosthetic replacement of pulmonary valve

FJW Other operations on right ventricle and pulmonary valve

- FJW 96 Other operation on right ventricle and pulmonary valve

FK Mitral valve*Partial or complete atrio-ventricular septal defect, see: FFD or FHD****FKA Repair of mitral valve for stenosis***

- FKA 00 Commissurotomy of mitral valve
- FKA 10 Commissurotomy of mitral valve with decalcification
- FKA 20 Commissurotomy of mitral valve and discission of fusion of chords
- FKA 32 Percutaneous transluminal expansion of mitral valve
- FKA 96 Other repair of mitral valve for stenosis

FKB Annuloplasty of mitral valve for insufficiency

- FKB 00 Annuloplasty of mitral valve for insufficiency using suture
Eponym: Kay (or similar)
- FKB 10 Annuloplasty of mitral valve for insufficiency using ring
Eponyms: Carpentier, Puig-Massana (or similar)
- FKB 96 Other annuloplasty of mitral valve for insufficiency

FKC Repair of mitral valve for insufficiency

- FKC 00 Repair of mitral valve for insufficiency using suture
- FKC 10 Suture of cleft mitral leaflet
- FKC 20 Plastic repair of mitral valve leaflet for insufficiency
With decalcification or use of patch
- FKC 30 Shortening or elongation of chords of mitral valve
- FKC 40 Suture of chord or papillary muscle of mitral valve
- FKC 50 Repair of mitral valve for insufficiency using prosthetic chord
- FKC 60 Resection and reconstruction of leaflet of mitral valve for insufficiency
- FKC 96 Other repair of mitral valve for insufficiency

FKD Prosthetic replacement of mitral valve*Includes: Excision*

- FKD 00 Replacement of mitral valve using mechanical prosthesis
- FKD 10 Replacement of mitral valve using biological prosthesis
- FKD 20 Replacement of mitral valve using homograft
- FKD 96 Other replacement of mitral valve

FKW Other operations on mitral valve

- FKW 96 Other operation on mitral valve

FL Left ventricle*Expansion of aortic ostium, see: FMB****FLA Biopsy of left ventricle***

- FLA 00 Biopsy of left ventricle
- FLA 12 Percutaneous transluminal biopsy of left ventricle
- FLA 96 Other biopsy of left ventricle

FLB Excision of lesion of left ventricle*Includes: Removal of foreign body*

- FLB 00 Excision of lesion of left ventricle
- FLB 10 Removal of foreign body from left ventricle
- FLB 12 Percutaneous transluminal removal of foreign body from left ventricle

FLC Repair of left ventricle*E.g.: For myocardial infarction or injury*

- FLC 00 Suture of left ventricle
- FLC 10 Repair of wall of left ventricle using patch
- FLC 96 Other repair of left ventricle

FLD Expansion and reduction of left ventricle

- FLD 00 Plication of aneurysm of left ventricle
- FLD 10 Resection of aneurysm of left ventricle
- FLD 20 Resection of aneurysm and repair of left ventricle using patch
Includes: Ventriculoseptoplasty
- FLD 30 Partial excision of left ventricle
Reduction ventriculoplasty in end stage cardiomyopathy, eponym: Batista
- FLD 50 Plastic expansion of left ventricle
Includes: Left latissimus dorsi cardiomyoplasty
- FLD 96 Other expansion or reduction of left ventricle

FLE Repair of outlet obstruction of left ventricle

- FLE 00 Excision of subvalvular membrane of left ventricle
- FLE 10 Myotomy or myectomy of left ventricle for outlet obstruction
Includes: For obstructive cardiomyopathy or subvalvular stenosis
- FLE 20 Myotomy or myectomy of left ventricle for outlet obstruction using ventricular septum patch
Eponym: Konno (modified)
- FLE 32 Percutaneous transcatheter destruction of myocardium
Additional code for using chemical agent: see ZXC 20
- FLE 96 Other repair of outlet obstruction of left ventricle

FLF Transmyocardial laser revascularisation from left ventricle

- FLF 00 Transmyocardial laser revascularisation from left ventricle
- FLF 12 Percutaneous transmyocardial laser revascularisation from left ventricle

FLW Other operations on left ventricle

FLW 96 Other operation on left ventricle

FM Aortic valve*Prosthetic replacement of valve in operation for aneurysm of ascending aorta, see: FCA**Hypoplastic left heart syndrome (HLHS), see: FDA**Supravalvular stenosis, see: FDG**Subvalvular stenosis, see: FLE****FMA Repair of aortic valve for stenosis***

FMA 00 Dilatation of aortic valve

FMA 10 Commissurotomy of aortic valve

FMA 20 Plastic repair of aortic valve for stenosis

FMA 32 Percutaneous transluminal expansion of aortic valve

FMA 96 Other repair of aortic valve for stenosis

FMB Expansion of aortic ostium

FMB 00 Supravalvular aortic expansion using patch

Eponym: Nick

FMB 10 Transannular expansion of aortic ostium

Eponym: Mounighan

FMB 20 Aorto-septal expansion of aortic ostium

Eponym: Konno

FMB 96 Other expansion of aortic ostium

FMC Repair of aortic valve for insufficiency

FMC 00 Annuloplasty of aortic valve

FMC 10 Reduction of leaflet of aortic valve

Includes: Excision

FMC 20 Suture of leaflet of aortic valve

Includes: Use of patch

FMC 96 Other operation on aortic valve for insufficiency

FMD Replacement of aortic valve*Includes: Excision**Replacement of aortic root and ascending aorta, see: FCA 60-70*

- FMD 00 Replacement of aortic valve using mechanical prosthesis
 FMD 10 Replacement of aortic valve using biological prosthesis
 FMD 20 Replacement of aortic valve using homograft
 FMD 30 Replacement of aortic root using homograft and reimplantation of coronary arteries
 FMD 33 Replacement of aortic root using xenograft and reimplantation of coronary arteries
 FMD 40 Aortopulmonary root replacement using autograft of aortic root with reimplantation of coronary arteries and homograft to pulmonary ostium
Eponym: Ross
 FMD 96 Other prosthetic replacement of aortic valve

FMW Other operations on aortic valve

- FMW 96 Other operation on aortic valve

FN Coronary arteries**FNA Connection to coronary artery from internal mammary artery**

- FNA 00 Anastomosis to coronary artery from internal mammary artery
 FNA 10 Sequential anastomoses to coronary arteries from internal mammary arteries
 FNA 20 Anastomosis to coronary arteries from bilateral internal mammary arteries
 FNA 96 Other connection to coronary artery from internal mammary artery

FNB Connection to coronary artery from gastroepiploic artery

- FNB 00 Anastomosis to coronary artery from gastroepiploic artery
 FNB 20 Sequential anastomoses to coronary arteries from gastroepiploic arteries
 FNB 96 Other connection of gastroepiploic artery to coronary artery

FNC Aorto-coronary venous bypass

- FNC 10 Aorto-coronary venous bypass with single distal anastomosis
 FNC 20 Aorto-coronary venous bypass with two distal anastomoses
 FNC 30 Aorto-coronary venous bypass with three distal anastomoses
 FNC 40 Aorto-coronary venous bypass with four distal anastomoses
 FNC 50 Aorto-coronary venous bypass with five distal anastomoses
 FNC 60 Aorto-coronary venous bypass with six distal anastomoses
 FNC 96 Other aorto-coronary venous bypass

FND Aorto-coronary bypass using prosthetic graft

- FND 10 Aorto-coronary bypass using single prosthetic graft
 FND 20 Aorto-coronary bypass using two prosthetic grafts
 FND 96 Other aorto-coronary bypass using prosthetic graft

FNE Coronary bypass using free arterial graft

FNE 00 Coronary bypass using free arterial graft of internal mammary artery

FNE 10 Coronary bypass using free arterial graft of gastroepiploic artery

FNE 20 Coronary bypass using free graft of radial artery

Includes: As the only anastomosis or part of composite Y-graft (T-graft), i.e. interposed between the recipient coronary artery and internal mammary or gastroepiploic artery, when one of these arteries is connected directly to another coronary artery. Additional code for the direct arterial connection, see: FNA, FNB

FNE 96 Coronary bypass using other free arterial graft

FNF Coronary thrombendarterectomy

FNF 00 Thrombendarterectomy of right coronary artery

FNF 10 Thrombendarterectomy of anterior descending branch

FNF 20 Thrombendarterectomy of circumflex branch

FNF 30 Thrombendarterectomy of left main coronary artery

Includes: Use of patch

FNF 96 Other coronary thrombendarterectomy

FNG Expansion and recanalisation of coronary artery

FNG 00 Dilatation of coronary artery

FNG 02 Percutaneous transluminal coronary angioplasty

Additional code for specification of technique, see: ZFX, ZXC

FNG 05 Percutaneous transluminal coronary angioplasty with insertion of stent

Additional code for specification of technique, see: ZFX, ZXC

FNG 10 Embolectomy of coronary artery

FNG 20 Removal of foreign body from coronary artery

FNG 22 Percutaneous transluminal removal of foreign body from coronary artery

FNG 30 Expansion of coronary artery using patch

FNG 96 Other recanalisation of coronary artery

FNH Repair of coronary artery

E.g.: For injury

FNH 00 Suture of coronary artery

FNH 10 Repair of coronary artery using patch

FNH 20 Repair of coronary artery with bypass

FNH 96 Other repair of coronary artery

FNJ Closure of coronary fistula

FNJ 00 Ligature of anomalous coronary artery

FNJ 02 Percutaneous transluminal occlusion of anomalous coronary artery

Includes: Coiling

FNJ 10 Closure of coronary fistula

FNJ 12 Percutaneous transluminal occlusion of coronary fistula

Includes: Coiling

FNJ 96 Other operation for coronary fistula

FNK Repair of anomalous origin of coronary artery

- FNK 00 Transposition of coronary artery
 FNK 10 Pulmonary arterioplasty with anastomosis to aorta
Includes: Use of patch
 FNK 20 Ligature and bypass reconstruction of anomalous coronary artery
 FNK 96 Other repair of anomalous origin of coronary artery

FNW Other operations on coronary arteries

- FNW 96 Other operation on coronary arteries
 FNW 98 Other percutaneous transluminal procedure on coronary arteries

FP Arrhythmias and disturbances of impulse propagation

WPW = Wolff Parkinson White syndrom

FPA Operations for supraventricular arrhythmia

E.g.: In WPW syndrome

- FPA 00 Division of anteroseptal atrio-ventricular pathway
 FPA 10 Division of posteroseptal atrio-ventricular pathway
 FPA 20 Division of right free wall atrio-ventricular pathway
 FPA 30 Division of left free wall atrio-ventricular pathway
 FPA 40 Division of multiple atrio-ventricular pathways
 FPA 96 Other operation for supraventricular arrhythmia

FPB Excision or ablation of aberrant pathway or focus of heart

- FPB 00 Excision of ectopic heart focus
 FPB 10 Cryoablation of ectopic heart focus
 FPB 20 Radiofrequency ablation of aberrant pathway or focus of heart
 FPB 22 Transvenous radiofrequency ablation of aberrant pathway or focus of heart
Of pulmonary vein focus or pathway, see: FPB 32
 FPB 32 Transvenous radiofrequency ablation of pulmonary vein pathway or focus
 FPB 96 Other excision or ablation of aberrant pathway or focus of heart

FPC Endocardial myotomy for ventricular arrhythmia

Synonym: Circumcision

- FPC 00 Partial endocardial myotomy for ventricular arrhythmia
 FPC 10 Total endocardial myotomy for ventricular arrhythmia
 FPC 96 Other endocardial myotomy for ventricular arrhythmia

FPD Operations for atrial fibrillation

- FPD 00 Maze procedure for atrial fibrillation
 FPD 96 Other operation for atrial fibrillation

FPE Implantation or replacement of permanent transvenous cardiac pacemaker*Excludes: Temporary pacemaker*

- FPE 00 Implantation of transvenous cardiac pacemaker with ventricular electrode
- FPE 10 Implantation of transvenous cardiac pacemaker with atrial electrode
- FPE 20 Implantation of transvenous cardiac pacemaker with atrial and ventricular electrodes
- FPE 26 Implantation of transvenous cardiac pacemaker with biventricular electrodes
- FPE 30 Replacement of transvenous cardiac pacemaker pulse generator
- FPE 40 Replacement of transvenous cardiac pacemaker electrode
- FPE 96 Other implantation or replacement of transvenous cardiac pacemaker

FPF Implantation or replacement of permanent epicardial pacemaker*By thoracotomy or sternotomy**Excludes: Temporary pacemaker*

- FPF 00 Implantation of epicardial pacemaker with ventricular electrode
- FPF 10 Implantation of epicardial pacemaker with atrial electrode
- FPF 20 Implantation of epicardial pacemaker with atrial and ventricular electrodes
- FPF 30 Replacement of epicardial pacemaker pulse generator
- FPF 40 Replacement of epicardial pacemaker electrode
- FPF 96 Other implantation or replacement of epicardial pacemaker

FPG Implantation of permanent cardioverter-defibrillator*Excludes: Temporary cardioverter-defibrillator*

- FPG 10 Open implantation of epicardial cardioverter-defibrillator
- FPG 20 Implantation of epicardial cardioverter-defibrillator at heart surgery
- FPG 30 Implantation of transvenous cardioverter-defibrillator with generator and ventricular electrode
- FPG 33 Implantation of transvenous cardioverter-defibrillator with generator and with atrial and ventricular electrodes
- FPG 40 Replacement of pulse generator in transvenous cardioverter-defibrillator
- FPG 43 Replacement of electrode(s) in transvenous cardioverter-defibrillator
- FPG 96 Other implantation of permanent cardioverter-defibrillator

FPH Removal of permanent cardiac pacemaker or cardioverter-defibrillator

- FPH 00 Transvenous extraction of transvenous cardiac pacemaker or cardioverter-defibrillator
- FPH 10 Open removal of transvenous cardiac pacemaker or cardioverter-defibrillator
- FPH 20 Removal of epicardial pacemaker or cardioverter-defibrillator
- FPH 96 Other removal of cardiac pacemaker or cardioverter-defibrillator

FPJ Revision of pacemaker pulse generator or electrode

- FPJ 00 Revision of pacemaker pulse generator or electrode

FPW Other operations for arrhythmias and disturbances of impulse propagation

- FPW 96 Other operation for arrhythmia or disturbance of impulse propagation

FQ Transplantation of heart or heart and lung

Donor operations, see: YFA

Transplantation of lung only, see: GDG

Biopsy of heart for diagnosis of rejection, see: FJA

Transbronchial biopsy of lung for diagnosis of rejection, see: GDA 12

FQA Transplantation of heart

FQA 00 Orthotopic transplantation of heart

FQA 10 Orthotopic transplantation of heart with bicaval anastomosis

FQA 20 Orthotopic heart transplantation with reconstruction of recipient atria or systemic venous connections

FQA 30 Heterotopic transplantation of heart

FQA 40 Transplantation of heart with living donor

Domino transplantation

FQA 96 Other transplantation of heart

FQB Transplantation of heart and lung

FQB 00 Transplantation of heart and lung

FQB 10 Transplantation of heart and lung with bicaval anastomosis

FQB 20 Transplantation of heart and lung with reconstruction of recipient atria or systemic venous connections

FQB 30 Transplantation of heart and lungs with revascularisation of bronchial arteries

FQB 96 Other transplantation of heart and lung

FQW Other procedures in transplantation of heart and lung

FQW 96 Other procedure in transplantation of heart and lung

FW Reoperations on heart and major thoracic vessels**FWA Repair of wound dehiscence in surgery of heart and major thoracic vessels**

FWA 00 Repair of wound dehiscence in surgery of heart and major thoracic vessels

FWB Reoperation for superficial infection in surgery of heart and major thoracic vessels

FWB 00 Reoperation for superficial infection in surgery of heart and major thoracic vessels

Includes: For wound infection

FWC Reoperation for deep infection in surgery of heart and major thoracic vessels

FWC 00 Reoperation for deep infection in surgery of heart and major thoracic vessels

For infection in body cavity or at the site of target organ or structures

FWD Reoperation for superficial haemorrhage in surgery of heart and major thoracic vessels

FWD 00 Reoperation for superficial haemorrhage in surgery of heart and major thoracic vessels
Includes: For wound haemorrhage or haematoma

FWE Reoperation for deep haemorrhage in surgery of heart and major thoracic vessels

FWE 00 Reoperation for deep haemorrhage in surgery of heart and major thoracic vessels
For haemorrhage or haematoma in body cavity or at the site of target organ or structures

FWF Reoperation for insufficiency of anastomosis or suture in surgery of heart

FWF 00 Reoperation for insufficiency of anastomosis or suture in surgery of heart

FWG Reoperation for thrombosis or embolus in surgery of heart and major thoracic vessels

FWG 00 Reoperation for thrombosis or embolus in surgery of heart and major thoracic vessels
FWG 02 Angioscopic reoperation for thrombosis or embolus in surgery of heart and major thoracic vessels

FWW Other reoperation on heart or major thoracic vessels

FWW 96 Other reoperation on heart or major thoracic vessels
FWW 98 Other angioscopic reoperation on heart or major thoracic vessels

FX Procedures relating to extracorporeal or assisted circulation

ECHLA = Extracorporeal heart-lung assist

ECLA = Extracorporeal membrane oxygenation

IABP = Intra aortic balloon pump

PABP = Pulmonary artery balloon pump

TAH = Total artificial heart

VAD = Ventricular assist device

FXA Intraoperative total cardiopulmonary bypass

FXA 00 Total cardiopulmonary bypass in normothermia or moderate hypothermia at concurrent surgical procedure

FXA 10 Total cardiopulmonary bypass in deep hypothermia at concurrent surgical procedure

FXA 13 Total cardiopulmonary bypass in deep hypothermia and exclusive cerebral perfusion at concurrent surgical procedure

FXA 20 Total cardiopulmonary bypass in deep hypothermia and circulatory arrest at concurrent surgical procedure

FXA 96 Other total cardiopulmonary bypass at concurrent surgical procedure

- FXB*** ***Intraoperative partial cardiopulmonary bypass***
FXB 00 Intraoperative partial cardiopulmonary bypass
- FXC*** ***Partial cardiopulmonary bypass without use of oxygenator***
Includes: Concurrent use of pum
FXC 00 Partial cardiopulmonary bypass without use of oxygenator
- FXD*** ***Use of ECHLA without concurrent surgical procedure***
FXD 00 Use of ECHLA without concurrent surgical procedure
- FXE*** ***Use of ECLA***
FXE 00 Use of ECLA
- FXF*** ***Decannulation after ECHLA or ECLA***
FXF 00 Decannulation after ECHLA or ECLA
- FXG*** ***Use of IABP***
FXG 00 Use of IABP
- FXH*** ***Removal of IABP***
FXH 00 Removal of IABP
- FXJ*** ***Insertion of PABP***
FXJ 00 Insertion of PABP
- FXK*** ***Removal of PABP***
FXK 00 Removal of PABP
- FXL*** ***Insertion and use of extra-, para- or intracorporeal VAD***
FXL 00 Insertion and use of extra-, para- or intracorporeal VAD
- FXM*** ***Removal of extra-, para- or intracorporeal VAD***
FXM 00 Removal of extra-, para- or intracorporeal VAD
- FXN*** ***Procedures using TAH***
FXN 00 Procedures using TAH
- FXP*** ***Haemofiltration or haemodialysis in the course of cardiopulmonary bypass***
FXP 00 Haemofiltration or haemodialysis in the course of cardiopulmonary bypass

CHAPTER G

Chest wall, pleura, mediastinum, diaphragm, trachea, bronchus and lung

GA	Chest wall, pleura and diaphragm
GB	Trachea
GC	Bronchus
GD	Lung
GE	Mediastinum
GW	Reoperations on chest wall, pleura, mediastinum, diaphragm, trachea, bronchi and lungs

Puncture, needle biopsy and other minor procedures, see: TG

Significance of the last digit of codes

In chapters G, J, K, L and M, the last digit of the code is used to identify the approach in the following manner:

Digits 0, 3 and 6: Open and other non-endoscopic operations or procedures

Digits 1, 4 and 7: Endoscopic operations or procedures through puncture or incision

Includes (Chapter G): Thoracoscopy and thoracoscopic procedures

Digits 2, 5 and 8: Transluminal endoscopic procedures, i.e. through natural or artificial body orifices

Includes (Chapter G): Tracheoscopic and bronchoscopic procedures, endoscopic procedures through pleuro-cutaneous window

Diagnostic transluminal endoscopy, including endoscopy of pleura through pleuro-cutaneous window, see: UG (Chapter U).

For codes with the fourth position digit 9 (the “other” codes), only the last digits 6, 7 and 8 are used, with significance as above.

Please note the following difference between transluminal endoscopy and invasive or therapeutic procedures performed in the course of transluminal endoscopy:

Transluminal endoscopy, frequently allowing examination of several connected organ cavities, is classified (in Chapter U) according to the most common main target for the category of endoscopy in question. Transluminal endoscopy with simple biopsy, including brush cytology, is classified as endoscopy, not as endoscopic surgical procedure.

Endoscopic procedures are classified according to the location where they are actually performed, and then by action and technique.

In Chapter G, for example, (transluminal) endoscopic polypectomy in trachea may be performed at tracheoscopy or bronchoscopy.

Please note that mediastinoscopy is by definition not endoscopy, as no body or organ cavity is entered or examined, only tissue cleavage planes.

GA Chest wall, pleura and diaphragm

GAA *Drainage and endoscopy of pleura*

Thoracocentesis, see: TGA

- GAA 10 Intercostal insertion of pleural drainage tube
- GAA 15 Insertion of pleural drainage tube by resection of rib
- GAA 20 Fenestration of pleura
Construction of pleuro-cutaneous window
- GAA 31 Thoracoscopy
Endoscopy of pleura through pleuro-cutaneous window, see: UGA
- GAA 96 Other open or percutaneous drainage of pleural cavity
- GAA 97 Other thoracoscopic drainage procedures on pleura

GAB *Thoracotomy*

- GAB 00 Emergency thoracotomy
As reoperation: Add appropriate GW code
- GAB 10 Antero- or postero-lateral thoracotomy
- GAB 13 Transaxillary thoracotomy
- GAB 20 Median sternotomy
With access to mediastinum only, see: GEB
- GAB 96 Other thoracotomy

GAC *Operations on pleura*

Includes: For foreign body and lesion of pleura

- GAC 00 Biopsy of pleura
- GAC 01 Endoscopic biopsy of pleura
Endoscopic biopsy through pleuro-cutaneous window, see: UGA 05
- GAC 10 Removal of foreign body from pleural cavity
- GAC 11 Endoscopic removal of foreign body from pleural cavity
- GAC 20 Excision or destruction of lesion of pleura
- GAC 21 Endoscopic excision or destruction of lesion of pleura
- GAC 30 Artificial pneumothorax
- GAC 33 Mechanical pleurodesis
- GAC 34 Endoscopic mechanical pleurodesis
- GAC 36 Chemical pleurodesis

- GAC 37 Endoscopic chemical pleurodesis
- GAC 40 Pleurodesis with decortication
- GAC 41 Endoscopic pleurodesis with decortication
- GAC 43 Total decortication of pleura
- GAC 44 Endoscopic total decortication of pleura
- GAC 46 Partial decortication of pleura
- GAC 47 Endoscopic partial decortication of pleura
- GAC 96 Other operation on pleura
- GAC 97 Other endoscopic operation on pleura
- GAC 98 Other operation on pleura through pleuro-cutaneous window

GAD *Thoracoplasty and related procedures*

For collapse of lung

- GAD 00 Thoracoplasty without plombage
- GAD 03 Thoracoplasty with plombage
- GAD 10 Removal of plombage material from chest wall
- GAD 96 Other thoracoplasty or related procedure

GAE *Incision, biopsy, resection and repair of chest wall*

Includes: For injury, foreign body or lesion

Additional code for specification of grafts and flaps, see: ZZ

For malformation, see: GAF

For breast cancer, see: HAC, HAF

- GAE 00 Incision or biopsy of chest wall
- GAE 03 Suture of chest wall
 - Includes: Debridement*
- GAE 06 Excision of lesion of chest wall
- GAE 10 Closure of previous incision of chest wall
- GAE 13 Closure of fenestration of pleura
- GAE 16 Resection of chest wall
 - Resection of chest wall in extended pneumonectomy, see: GDD 20*
- GAE 20 Resection of chest wall and repair using flap
 - Additional code for specification of grafts and flaps, see: ZZ*
- GAE 23 Resection of chest wall and prosthetic repair
- GAE 26 Repair of injury to chest wall
- GAE 30 Repair of combined injury to chest wall and diaphragm
- GAE 40 Operation on rib and soft tissues for thoracic outlet syndrome
- GAE 50 Reconstruction of chest wall
 - E.g.: After excision of infected sternum*
 - Additional code for specification of grafts and flaps, see: ZZ*
- GAE 53 Removal of foreign body from chest wall
- GAE 96 Other incision, biopsy, resection or repair of chest wall

GAF *Plastic repair of malformations of chest wall**Additional code for specification of grafts and flaps, see: ZZ*

- GAF 00 Correction of pectus carinatum
Includes: Use of prosthetic material
- GAF 03 Correction of pectus excavatum
Includes: Use of prosthetic material
- GAF 10 Removal of prosthetic material after correction of malformation of chest wall
- GAF 96 Other correction of malformation of chest wall

GAG *Transthoracic and thoracoscopic operations on diaphragm**Includes: For injury or foreign body**Operations for gastro-oesophageal reflux (transthoracic or abdominal), and other abdominal operations on diaphragm, see: JB**Repair of combined injury to chest wall and diaphragm, see: GAE 30*

- GAG 00 Transthoracic biopsy of diaphragm
- GAG 01 Thoracoscopic biopsy of diaphragm
- GAG 10 Transthoracic excision or destruction of lesion of diaphragm
- GAG 11 Thoracoscopic excision or destruction of lesion of diaphragm
- GAG 20 Transthoracic removal of foreign body from diaphragm
- GAG 21 Thoracoscopic removal of foreign body from diaphragm
- GAG 30 Transthoracic repair of diaphragm for rupture
Includes: Injury (rupture or wound) and spontaneous rupture
- GAG 31 Thoracoscopic repair of diaphragm for rupture
- GAG 33 Transthoracic resection of diaphragm
Resection of diaphragm in extended pneumonectomy, see: GDD 20
- GAG 36 Transthoracic resection and reconstruction of diaphragm using graft
Additional code for specification of grafts and flaps, see: ZZ
- GAG 40 Transthoracic closure of thoraco-abdominal fistula
- GAG 50 Transthoracic repair of defect of diaphragm
- GAG 96 Other transthoracic operation on diaphragm
- GAG 97 Other thoracoscopic operation on diaphragm

GAW *Other operations on chest wall, pleura and diaphragm**Operations for gastro-oesophageal reflux (transthoracic or abdominal), and other abdominal operations on diaphragm, see: JB*

- GAW 96 Other operation on chest wall, pleura and diaphragm
- GAW 97 Other thoracoscopic operation on chest wall, pleura and diaphragm

GB Trachea

GBA *Tracheotomy and operations on trachea for injury or lesion*

Includes: Removal of foreign body

Tracheoscopy, see: UGB

Closure of tracheo-oesophageal fistula, see: JCE

GBA 00 Tracheotomy

Includes: Biopsy

Cricothyroidotomy, see: DQA 00

GBA 10 Tracheotomy with removal of foreign body

GBA 12 Endoscopic removal of foreign body from trachea

GBA 22 Endoscopic excision of lesion of trachea

Endoscopic biopsy, see: UGB 05

GBA 25 Endoscopic electrocoagulation of lesion of trachea

GBA 28 Endoscopic laser therapy of lesion of trachea

GBA 32 Endoscopic dilatation of trachea

GBA 35 Endoscopic insertion of tracheal stent

Includes: Stent positioned in trachea with lower end extending into main bronchus

GBA 40 Suture of trachea

Tracheoraphy

GBA 46 Tracheoplasty

GBA 50 Repair of trachea

GBA 53 Prosthetic repair of trachea

GBA 96 Other incision or operation on trachea for injury or lesion

GBA 98 Other endoscopic operation on trachea for injury or lesion

GBB *Tracheostomy and related operations*

GBB 00 Tracheostomy

Cricothyroidotomy, see: DQA 00

GBB 03 Percutaneous tracheostomy

GBB 13 Revision of tracheostomy

GBB 18 Closure of tracheostomy

GBB 96 Other tracheostomy procedure

GBC *Resection and reconstruction of trachea*

GBC 00 Partial resection of trachea

E.g. wedge resection

GBC 03 Resection of trachea

GBC 06 Resection and prosthetic reconstruction of trachea

GBC 10 Resection and reconstruction of carina

GBC 13 Resection and reconstruction of carina using graft

GBC 96 Other resection or reconstruction of trachea

GBW *Other operations on trachea*

- GBW 96 Other operation on trachea
 GBW 98 Other transluminal endoscopic procedure on trachea

GC **Bronchus**

Bronchoscopy, see: UGC

GCA *Operations on bronchus*

Includes: For foreign body or lesion

Closure of broncho-oesophageal fistula, see: JCE

- GCA 02 Bronchoscopic electrocoagulation of lesion of bronchus
 GCA 05 Bronchoscopic laser therapy of lesion of bronchus
 GCA 06 Excision of lesion of bronchus
 GCA 08 Bronchoscopic excision of lesion of bronchus
Bronchoscopic biopsy, see: UGC
 GCA 10 Incision of bronchus with removal of foreign body
 GCA 12 Bronchoscopic removal of foreign body
 GCA 18 Bronchoscopic dilatation of bronchus
 GCA 20 Suture or reconstruction of bronchus for injury
Includes: Bronchoraphy
 GCA 26 Plastic repair of bronchus
 GCA 30 Repair of bronchus using prosthesis
 GCA 32 Endoscopic insertion of bronchial stent
Includes: Stent positioned in bronchus with upper end extending into trachea
 GCA 40 Closure of bronchopleural fistula
Includes: Using muscle, omentum majus etc.
 GCA 42 Bronchoscopic closure of bronchopleural fistula
 GCA 43 Other closure of bronchopleural fistula
 GCA 50 Partial resection of bronchus
E.g.: Wedge resection
 GCA 60 Resection of bronchus and end to end anastomosis
 GCA 63 Sleeve resection of bronchus
 GCA 70 Resection and reconstruction of bronchus using prosthesis
 GCA 96 Other operation on bronchus
 GCA 98 Other bronchoscopic procedure on bronchus

GD Lung**GDA *Incision, excision of lesion and repair of lung****Includes: For lesions, injury or removal of foreign body**Bronchoscopic biopsy of lung, see: UGC*

- GDA 00 Incision of lung
Includes: Drainage, e.g. of abscess
- GDA 01 Thoracoscopic incision of lung
Includes: Drainage, e.g. of abscess
- GDA 10 Biopsy of lung
- GDA 11 Thoracoscopic biopsy of lung
- GDA 20 Excision of lesion of lung
Includes: Enucleation of tumour
- GDA 21 Thoracoscopic excision of lesion of lung
Includes: Enucleation of tumour
- GDA 30 Incision of lung and removal of foreign body
- GDA 31 Thoracoscopic incision of lung and removal of foreign body
- GDA 40 Repair of lung for injury
- GDA 41 Thoracoscopic repair of lung for injury
- GDA 96 Other incision, excision of lesion or repair of lung
- GDA 97 Other thoracoscopic incision, excision of lesion or repair of lung
- GDA 98 Other bronchoscopic incision, excision of lesion or repair of lung

GDB *Minor resections of lung**Excludes: Lobectomy and pneumonectomy*

- GDB 00 Resection of bullae of lung
- GDB 01 Thoracoscopic resection of bullae of lung
- GDB 10 Wedge resection of lung
- GDB 11 Thoracoscopic wedge resection of lung
- GDB 20 Segmental resection of lung
- GDB 21 Thoracoscopic segmental resection of lung
- GDB 96 Other minor resection of lung
- GDB 97 Other thoracoscopic minor resection of lung

GDC *Lobectomy of lung*

- GDC 00 Lobectomy of lung
- GDC 01 Thoracoscopic lobectomy of lung
- GDC 10 Bilobectomy of lung
- GDC 11 Thoracoscopic bilobectomy of lung
- GDC 13 Extended lobectomy or bilobectomy of lung
Includes: Excision of pericardium, atrium, chest wall or diaphragm
- GDC 20 Lobectomy of lung and sleeve resection of bronchus
- GDC 23 Lobectomy and segment resection of lung
- GDC 26 Lobectomy and other resection of lung
- GDC 96 Other lobectomy of lung
- GDC 97 Other thoracoscopic lobectomy of lung

GDD *Pneumonectomy*

- GDD 00 Pneumonectomy
 GDD 01 Thoracoscopic pneumonectomy
 GDD 10 Pleuropneumonectomy
 GDD 11 Thoracoscopic pleuropneumonectomy
 GDD 20 Extended pneumonectomy
Includes: Excision of pericardium, atrium, chest wall or diaphragm
 GDD 23 Pneumonectomy and resection of carina
 GDD 26 Pneumonectomy and resection of bronchus or bronchus and trachea
 GDD 96 Other pneumonectomy
 GDD 97 Other thoracoscopic pneumonectomy

GDG *Transplantation of lung*

Transplantation of heart and lung, see: FQB
Donor operations, see: YGA

- GDG 00 Unilateral transplantation of lung
 GDG 03 Unilateral transplantation of lung with revascularisation of bronchial arteries
 GDG 10 Bilateral transplantation of lung
 GDG 13 En bloc transplantation of lungs with revascularisation of bronchial arteries
 GDG 30 Transplantation of lung from living donor
 GDG 96 Other transplantation of lung

GDW *Other operations on lung*

- GDW 96 Other operation on lung
 GDW 97 Other thoracoscopic operation on lung
 GDW 98 Other bronchoscopic operation on lung

GE *Mediastinum*

Includes: Thymus

GEA *Mediastinoscopy*

Includes: With biopsy

- GEA 00 Mediastinoscopy
Includes: With drainage
 GEA 10 Mediastinoscopy with removal of foreign body
 GEA 20 Mediastinoscopy with excision of lesion
Includes: Biopsy
Mediastinoscopic operations on thymus, see: GEC
 GEA 96 Other mediastinoscopic procedure

GEB *Mediastinotomy*

- GEB 10 Mediastinotomy
Includes: With drainage
- GEB 20 Mediastinotomy with removal of foreign body
- GEB 30 Mediastinotomy and excision of lesion
- GEB 40 Mediastinotomy and extended excision of lesion
Includes: With resection of pleura, lung or pericardium
- GEB 96 Other mediastinotomy

GEC *Operations on thymus*

- GEC 00 Biopsy of thymus
- GEC 03 Mediastinoscopic biopsy of thymus
- GEC 10 Transcervical resection of thymus
- GEC 13 Transsternal resection of thymus
- GEC 14 Thoracoscopic resection of thymus
- GEC 16 Mediastinoscopic resection of thymus
- GEC 20 Transcervical thymectomy
- GEC 23 Transsternal thymectomy
- GEC 24 Thoracoscopic thymectomy
- GEC 26 Mediastinoscopic thymectomy
- GEC 93 Other mediastinoscopic operation on thymus
- GEC 96 Other operation on thymus
- GEC 97 Other thoracoscopic operation on thymus

GEW *Other operations on mediastinum*

- Includes: Thymus*
- GEW 96 Other operation on mediastinum

GW *Reoperations in thoracic surgery*

Includes: Chest wall, pleura, mediastinum, diaphragm, trachea, bronchi and lungs
Heart and major thoracic vessels, see: Chapter F

GWA *Repair of wound dehiscence in thoracic surgery*

- GWA 00 Repair of wound dehiscence in thoracic surgery

GWB *Reoperation for superficial infection in thoracic surgery*

- Includes: Wound infection*
- GWB 00 Reoperation for superficial infection in thoracic surgery

GWC Reoperation for deep infection in thoracic surgery*Infection in body cavity or at the site of target organ or structures*

GWC 00 Reoperation for deep infection in thoracic surgery

GWC 01 Percutaneous endoscopic reoperation for deep infection in thoracic surgery

GWD Reoperation for superficial haemorrhage in thoracic surgery*Includes: Wound haemorrhage or haematoma*

GWD 00 Reoperation for superficial haemorrhage in thoracic surgery

GWE Reoperation for deep haemorrhage in thoracic surgery*Haemorrhage or haematoma in body cavity or at the site of target organ or structures*

GWE 00 Reoperation for deep haemorrhage in thoracic surgery

GWE 01 Percutaneous endoscopic reoperation for deep haemorrhage in thoracic surgery

GWE 02 Transluminal endoscopic reoperation for deep haemorrhage in thoracic surgery

GWF Reoperation for insufficiency of anastomosis or suture in thoracic surgery

GWF 00 Reoperation for insufficiency of anastomosis or suture in thoracic surgery

GWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture in thoracic surgery

GWW Other reoperation in thoracic surgery

GWW 96 Other reoperation in thoracic surgery

GWW 97 Other percutaneous endoscopic reoperation in thoracic surgery

GWW 98 Other transluminal endoscopic reoperation in thoracic surgery

CHAPTER H

Mammary gland

- HA Operations on mammary gland
 HW Reoperations on mammary gland
Puncture, needle biopsy and other minor procedures, see: THA

HA Operations on mammary gland

HAA *Incision, suture and biopsy of mammary gland*

- HAA 00 Incision of mammary gland
 HAA 01 Suture of mammary gland
 HAA 10 Biopsy of mammary gland

HAB *Partial excision of mammary gland*

Reconstruction, see: HAE

- HAB 00 Excision of lesion of mammary gland
Includes: Of fistula, removal of foreign body
Removal of foreign body from skin of mammary gland, see: QBC 00
 HAB 10 Microductectomy of mammary gland
 HAB 20 Excision of lactiferous duct
 HAB 30 Excision of mamilla or areola
Of supernumerary mamilla, see: HAC 30
 HAB 40 Wedge excision of mammary gland
 HAB 99 Other partial excision of mammary gland

HAC *Mastectomy*

- HAC 10 Subcutaneous mastectomy with preservation of mamilla
 HAC 15 Subcutaneous mastectomy with excision of mamilla
 HAC 20 Total mastectomy
 HAC 25 Radical mastectomy
With excision of axillary lymph nodes
Includes: With excision of pectoral muscles, and extended mastectomy with partial excision of ribs and sternum
 HAC 30 Excision of supernumerary mammary gland or mamilla
 HAC 99 Other mastectomy

HAD *Plastic operations on breast**Excludes: Reconstruction after mastectomy*

- HAD 00 Augmentation mammoplasty
Without use of prosthetic material
- HAD 10 Augmentation of breast using prosthesis
- HAD 20 Liposuction of breast
- HAD 30 Reduction mammoplasty with transposition of areola
- HAD 35 Reduction mammoplasty with transplantation of areola
- HAD 40 Mastopexy
- HAD 45 Eversion of mamilla
- HAD 50 Removal of prosthetic implant from breast
- HAD 55 Incision of periprosthetic capsule of breast
- HAD 60 Replacement of prosthetic implant in breast
- HAD 99 Other plastic operation on breast

HAE *Reconstruction of breast**After mastectomy or in aplasia**Additional code for specification of grafts and flaps, see: ZZ*

- HAE 00 Reconstruction of breast using prosthesis
Additional code for use of tissue expander, see: ZZP
- HAE 05 Reconstruction of breast using soft tissue and prosthesis
- HAE 10 Reconstruction of breast using graft or flap
- HAE 20 Reconstruction of areola and mamilla using graft or flap
- HAE 99 Other reconstruction of breast

HAF *Operations for local recurrence of breast cancer**Additional code for specification of grafts and flaps, see: ZZ*

- HAF 00 Excision of local recurrence of breast cancer
- HAF 10 Repair after excision of local recurrence of breast cancer using graft or flap
- HAF 20 Repair after excision of local recurrence of breast cancer using prosthetic material
- HAF 99 Other operation for local recurrence of breast cancer

HW *Reoperations on mammary gland***HWA** *Repair of wound dehiscence in surgery of mammary gland*

- HWA 00 Repair of wound dehiscence in surgery of mammary gland

HWB *Reoperation for superficial infection in surgery of mammary gland**Includes: Wound infection*

- HWB 00 Reoperation for superficial infection in surgery of mammary gland

HWC Reoperation for deep infection in surgery of mammary gland*Infection at the site of target structures*

HWC 00 Reoperation for deep infection in surgery of mammary gland

HWD Reoperation for superficial haemorrhage in surgery of mammary gland

HWD 00 Reoperation for superficial haemorrhage in surgery of mammary gland

HWE Reoperation for deep haemorrhage in surgery of mammary gland*Haemorrhage or haematoma at the site of target structures*

HWE 00 Reoperation for deep haemorrhage in surgery of mammary gland

HWF Reoperation for insufficiency of anastomosis or suture in surgery of mammary gland

HWF 00 Reoperation for insufficiency of anastomosis or suture in surgery of mammary gland

HWW Other reoperation in surgery of mammary gland

HWW 99 Other reoperation in surgery of mammary gland

CHAPTER J

Digestive system and spleen

JA	Abdominal wall, mesentery, peritoneum and greater omentum
JB	Diaphragm and gastro-oesophageal reflux
JC	Oesophagus
JD	Stomach and duodenal bulb
JE	Appendix
JF	Intestine
JG	Rectum
JH	Anus and perianal tissue
JJ	Liver
JK	Biliary tract
JL	Pancreas
JM	Spleen
JW	Reoperations in gastroenterological surgery <i>Puncture, needle biopsy and other minor procedures, see: TC</i>

Significance of the last digit of codes

In chapters G, J, K, L and M, the last digit of the code is used to identify the approach in the following manner:

- Digits 0, 3 and 6:** Open and other non-endoscopic operations or procedures
Note: Procedures not otherwise specified in the code texts are open operations or procedures
- Digits 1, 4 and 7:** Endoscopic operations or procedures through puncture or incision
Includes (Chapter J): Laparoscopy, laparoscopic and thoracoscopic procedures
Includes: Use of auxiliary stabs or minor incisions. The procedure is classified as laparoscopic or thoracoscopic if dissection and preparation of the organ in question is performed endoscopically, even if parts of the operation are performed through a minor auxiliary incision
Note: In the code texts, these procedures are specified as thoracoscopic or laparoscopic
- Digits 2, 5 and 8:** Transluminal endoscopic procedures, i.e. through natural or artificial body orifices
Includes (Chapter J): Procedures in the course of oesophagoscopy, gastroscopy, enteroscopy, coloscopy, sigmoidoscopy
Note: The term "endoscopic" in code texts implies transluminal endoscopic procedures

In the case of codes with digit 9 in the fourth position (the “other” codes), only the last digits 6, 7 and 8 are available, with significance as above.

Please note the following difference between transluminal endoscopy and invasive or therapeutic procedures performed in the course of transluminal endoscopy:

Transluminal endoscopy, frequently allowing examination of several connected organ cavities, is generally classified (in Chapter U) according to the most common main target for the category of endoscopy in question, see: Note to UJ. Transluminal endoscopy with simple biopsy, including brush cytology, is classified as endoscopy, not as endoscopic surgical procedure.

Endoscopic procedures are classified according to the location where they are actually performed, and then by action and technique.

For example, in Chapter J transluminal endoscopic polypectomy in small intestine may be performed at gastroscopy, enteroscopy, colonoscopy or ERCP.

JA Abdominal wall, mesentery, peritoneum and greater omentum

JAA Local operations on abdominal wall

Correction of abdominal apron, see: QBJ 30

JAA 00 Incision of abdominal wall

Includes: Evacuation of haematoma, biopsy, removal of foreign body, drainage, including drainage of intraperitoneal abscess without laparotomy

Laparotomy or laparoscopy with drainage or irrigation as only therapeutic measure, see: JAK

JAA 10 Excision of lesion of abdominal wall

Includes: Excision of umbilicus, umbilical cyst, granuloma of umbilicus

JAA 11 Laparoscopic biopsy or excision of lesion of abdominal wall

JAA 13 Wide excision of extensive necrotising conditions of abdominal wall

JAA 96 Other local operation on abdominal wall

JAA 97 Other laparoscopic local operation on abdominal wall

JAB Repair of inguinal hernia

Major plastic reconstruction of hernia or defect of abdominal wall, see: JAG

Concurrent operations on intestine, see: JF

JAB 00 Division and ligation of inguinal hernia sac

Excludes: Hernioplasty

JAB 10 Repair of inguinal hernia

Excision of inguinal hernia sac, hernioplasty

Includes: Preperitoneal repair

Concurrent orchidectomy, see: KFC 00

JAB 11 Laparoscopic repair of inguinal hernia

Includes: Use of prosthetic material

Includes: Preperitoneal repair using laparoscope

JAB 20 Repair of inguinal hernia using graft

Additional code for specification of graft, see: ZZ

- JAB 30 Repair of inguinal hernia using prosthetic material
- JAB 40 Repair of inguinal hernia by laparotomy and reconstruction of abdominal wall
- JAB 96 Other repair of inguinal hernia
- JAB 97 Other laparoscopic repair of inguinal hernia

JAC *Repair of femoral hernia*

Major plastic reconstruction of hernia or defect of abdominal wall, see: JAG

Concurrent operations on intestine, see: JF

- JAC 10 Repair of femoral hernia
Excision of hernia sac, hernioplasty
- JAC 11 Laparoscopic repair of femoral hernia
Includes: Use of prosthetic material
- JAC 30 Repair of femoral hernia using prosthetic material
- JAC 40 Repair of femoral hernia by laparotomy and reconstruction of abdominal wall
- JAC 96 Other repair of femoral hernia
- JAC 97 Other laparoscopic repair of femoral hernia

JAD *Repair of incisional hernia*

Major plastic reconstruction of hernia or defect of abdominal wall, see: JAG

Concurrent operations on intestine, see: JF

- JAD 10 Repair of incisional hernia
- JAD 11 Laparoscopic repair of incisional hernia
Includes: Use of prosthetic material
- JAD 20 Repair of incisional hernia using using graft
Additional code for specification of graft, see: ZZ
- JAD 30 Repair of incisional hernia using prosthetic material
- JAD 96 Other repair of incisional hernia
- JAD 97 Other laparoscopic repair of incisional hernia

JAE *Repair of epigastric hernia*

- JAE 10 Repair of epigastric hernia

JAF *Repair of umbilical hernia*

Includes: Paraumbilical hernia

Major plastic reconstruction of hernia or defect of abdominal wall, see: JAG

Repair of omphalocele, see: JAG 20

Concurrent operations on intestine, see: JF

- JAF 10 Repair of umbilical hernia
- JAF 11 Laparoscopic repair of umbilical hernia
Includes: Use of prosthetic material
- JAF 20 Repair of umbilical hernia using graft
Additional code for specification of graft, see: ZZ
- JAF 30 Repair of umbilical hernia using prosthetic material
- JAF 96 Other repair of umbilical hernia
- JAF 97 Other laparoscopic repair of umbilical hernia

JAG Repair of other hernias and defects of abdominal wall*Includes: Obturator, lumbar and Spigelian hernia**Concurrent operations on intestine, see: JF**Diaphragmatic hernia, see: JBB**Parastomal hernia, see: JFG 40-50*

JAG 00 Repair of other hernia

JAG 01 Laparoscopic repair of other hernia

Includes: Use of prosthetic material

JAG 10 Repair of gastroschisis

JAG 20 Repair of omphalocele

JAG 30 Reconstruction of abdominal wall using flap

Additional code for specification of grafts and flaps, see: ZZ

JAG 60 Reconstruction of abdominal wall using prosthetic material

JAG 96 Other reconstruction of abdominal wall

JAG 97 Other laparoscopic reconstruction of abdominal wall

JAH Opening of peritoneal cavity*Includes: Laparotomy, thoracolaparotomy, laparoscopy**Includes: Freeing of adhesions for access or exploration**Operations for adhesions causing obstruction, see: JFK**Gynaecological operations for adhesions, see: LBF**Biopsy of peritoneum, see: JAL**Drainage and irrigation, see: JAJ, JAK**Percutaneous puncture, ascites tap, irrigation of peritoneal cavity and peritoneal dialysis, see: TJA**In operations that can only be performed by laparotomy, a separate code for the laparotomy should not be used*

JAH 00 Laparotomy

JAH 01 Laparoscopy

JAH 20 Staging laparotomy

*With systematic lymph node biopsies and biopsy of liver in lymphoma**Concurrent splenectomy, see: JMA 10*

JAH 21 Staging laparoscopy

*With systematic lymph node biopsies and biopsy of liver in lymphoma**Concurrent splenectomy, see: JMA 11*

JAH 30 Laparostomy

Implantation of mechanical device permitting repeated opening, e.g.: In revisions of necrotising pancreatitis

JAH 33 Opening of laparostomy

*For revisions after previous laparostomy**Specific procedures at revision are classified separately*

JAH 40 Thoracolaparotomy

JAJ Rectal drainage of pelvic abscess*Drainage at laparotomy or laparoscopy, see: JAK**Vaginal drainage of pelvic abscess, see: LEA 10*

JAJ 00 Rectal incision and drainage of pelvic abscess

JAK *Peritoneal drainage and irrigation*

As only procedure, e.g.: For abscess or localised peritonitis, or as preparation for peritoneal dialysis

Includes: Of lesser sac

Excludes: Irrigation or drainage supplementary to other procedure

Drainage of retroperitoneal abscess, see: KKA 20

Percutaneous drainage, see: TJA 40

Incision and drainage without opening of peritoneal cavity, see: JAA 00

JAK 00 Laparotomy and drainage of peritoneal cavity

JAK 01 Laparoscopic drainage of peritoneal cavity

E.g.: For seroma

Fenestration of lymphocele after transplantation of kidney, see: KAS 60-61

JAK 03 Laparotomy and peritoneal irrigation

Percutaneous peritoneal irrigation, see: TJA 20

JAK 04 Laparoscopy and peritoneal irrigation

JAK 10 Laparotomy and insertion of peritoneal dialysis catheter

Percutaneous introduction, see: TJA 33, removal, see: TJA 35

JAL *Local operations on peritoneum and peritoneal cavity*

JAL 00 Biopsy of peritoneum

Includes: Of omentum, mesentery, lymph node

JAL 01 Laparoscopic biopsy of peritoneum

JAL 10 Laparotomy and removal of foreign body

Includes: Traumatic or iatrogenic, e.g.: In migration of intrauterine device

JAL 11 Laparoscopy and removal of foreign body

JAL 20 Excision or destruction of lesion of peritoneum

Includes: Peritoneal cyst

JAL 21 Laparoscopic excision or destruction of lesion of peritoneum

JAL 23 Excision of local lesion of pelvic wall

Includes: Local recurrence of neoplasm

JAL 24 Laparoscopic excision of local lesion of pelvic wall

Includes: Local recurrence of neoplasm

JAL 30 Omentectomy

Excludes: In resection of stomach or colon

JAL 31 Laparoscopic omentectomy

Excludes: In resection of stomach or colon

JAL 50 Intraabdominal revision of shunt of ventricle of brain

JAL 51 Laparoscopic revision of shunt of ventricle of brain

JAL 96 Other local operation on peritoneum or peritoneal cavity

JAL 97 Other laparoscopic local operation on peritoneum or peritoneal cavity

JAM *Transposition of omentum and mesentery*

JAM 00 Transposition of omentum

Includes: For use in extraperitoneal reconstructive surgery

JAM 10 Operation for malrotation of intestine

Eponym: Ladd

JAN *Peritoneovenous shunt operations*

- JAN 00 Creation of peritoneovenous shunt
 JAN 10 Revision of peritoneovenous shunt
 JAN 20 Removal of peritoneovenous shunt

JAP *Freeing of adhesions in the peritoneal cavity*

*Excludes: For the sole purpose of exploration or access to specific abdominal organs or structures.
 Only freeing of adhesions with therapeutic intent is classified according to NCSP
 Freeing of intestinal adhesions for obstruction (acute, chronic or intermittent, total or partial),
 see: JFK, adhesions to ureter, see: KBH 50, adhesions to uterine tubes, see: LBF 30*

- JAP 00 Freeing of adhesions in the peritoneal cavity
 JAP 01 Laparoscopic freeing of adhesions in the peritoneal cavity

JAQ *Extensive excision of peritoneum and related procedures*

- JAQ 00 Extensive excision of peritoneum
*Total or subtotal excision in certain metastatic conditions
 Additional codes for concurrent resection or excision of intraabdominal organs are added as required*
 JAQ 10 Intraoperative hyperthermic chemotherapeutic perfusion of abdominal cavity
*Includes: Using extracorporeal heart-lung assist device
 Adjuvant therapy following extensive excision of peritoneum*

JAW *Other operations on abdominal wall, peritoneum, mesentery and omentum*

*Operations on retroperitoneal tissue, see: KK
 Correction of abdominal apron, see: QBJ 30*

- JAW 96 Other operation on abdominal wall, peritoneum, mesentery or omentum
 JAW 97 Other laparoscopic operation on abdominal wall, peritoneum, mesentery or omentum

JB *Diaphragm and gastro-oesophageal reflux*

*Includes: Transabdominal operations on diaphragm and transabdominal or transthoracic
 operations for gastro-oesophageal reflux
 Transthoracic operations not related to gastro-oesophageal reflux, see: GAG*

JBA *Transabdominal operations for rupture or local lesion of diaphragm*

- JBA 00 Transabdominal repair of diaphragm for rupture
Includes: Rupture or perforating injury
 JBA 01 Laparoscopic repair of diaphragm for rupture
 JBA 10 Transabdominal biopsy or excision of lesion of diaphragm
Includes: Removal of foreign body
 JBA 11 Laparoscopic biopsy or excision of lesion of diaphragm
Includes: Removal of foreign body

JBB **Operations for diaphragmatic hernia**

Includes: Use of prosthetic material

Operations for sliding hiatus hernia and gastro-oesophageal reflux, see: JBC

Additional code for thoracotomy, see: GAB 10, for thoracoscopy, see: GAA 31

JBB 00 Repair of paraoesophageal hernia

Includes: Reduction of volvulus of stomach without resection

JBB 01 Laparoscopic repair of paraoesophageal hernia

JBB 10 Repair of congenital diaphragmatic hernia

JBB 11 Laparoscopic repair of congenital diaphragmatic hernia

JBB 96 Repair of other diaphragmatic hernia

JBB 97 Laparoscopic repair of other diaphragmatic hernia

JBC **Operations for gastro-oesophageal reflux disease**

Includes: Operations for sliding hiatus hernia

Additional code for thoracotomy: GAB 10, for thoracoscopy: GAA 31

JBC 00 Gastro-oesophageal antireflux operation

Includes: Fundoplication, cardiopexy, repair of sliding hiatus hernia

JBC 01 Laparoscopic gastro-oesophageal antireflux operation

Includes: Fundoplication, Angelchik prosthesis

JBW **Other transabdominal operations on diaphragm and operations for gastro-oesophageal reflux**

JBW 96 Other transabdominal operation on diaphragm or operation for gastro-oesophageal reflux

JBW 97 Other laparoscopic operation on diaphragm or laparoscopic or thoracoscopic operation for gastro-oesophageal reflux

JC **Oesophagus**

About endoscopic procedures, see: Note to Chapter J

Rigid oesophagoscopy, see: UJC 02-05

Flexible oesophagoscopy, see: UJC 12-15

Gastroscopy, see: UJD 02-05

Thoracoscopy, see: GAA 31

Laparoscopy, see: JAH 01

JCA **Local operations on oesophagus**

JCA 00 Oesophagotomy

Includes: Biopsy, removal of foreign body and local excision of lesion not extending through all layers of the wall

Transluminal endoscopic biopsy, see: UJC-UJD

JCA 01 Laparoscopic or thoracoscopic excision of lesion of oesophagus

Includes: Of diverticulum

JCA 05 Endoscopic polypectomy in oesophagus

Includes: Biopsy using polypectomy snare

JCA 08 Endoscopic removal of foreign body from oesophagus

- JCA 12 Endoscopic diverticulo-oesophagostomy
 JCA 20 Ligature of oesophageal varices
Includes: Through gastrotomy
 JCA 22 Endoscopic ligature of oesophageal varices
Includes: Using rubber bands or clips
 JCA 32 Endoscopic injection in oesophagus
Includes: Sclerotherapy
 JCA 35 Endoscopic contact coagulation in oesophagus
Haemostasis using diathermy, heater probe etc.
 JCA 38 Endoscopic laser therapy in oesophagus
 JCA 42 Other endoscopic haemostatic procedure in oesophagus
Additional code for use of diathermy or heat, see: ZXC
 JCA 52 Other endoscopic procedure using diathermy or heat in oesophagus
Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.
Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60
 JCA 55 Endoscopic dilatation of oesophagus
Includes: Of oesophageal anastomosis
Includes: Using balloons, Eder-Puestow technique, bougienage in rigid oesophagoscopy
 JCA 60 Transcervical excision of diverticulum of oesophagus
 JCA 96 Other local operation on oesophagus
 JCA 97 Other local thoracoscopic or laparoscopic operation on oesophagus
 JCA 98 Other local endoscopic operation on oesophagus

JCB Oesophagostomy

- JCB 00 Oesophagostomy
 JCB 01 Laparoscopic or thoracoscopic oesophagostomy

JCC Resection of oesophagus

Includes: With anastomosis to stomach or intestine
Excludes: Resection of oesophagogastric junction in gastrectomy
Major plastic reconstructions, see: JCE 40-50

- JCC 00 Transhiatal partial oesophagectomy without interposition
 JCC 10 Transthoracic partial oesophagectomy without interposition
 JCC 11 Thoracoscopic or laparoscopic partial oesophagectomy
 JCC 20 Transhiatal partial oesophagectomy with interposition of intestine
Includes: Interposition of colon or small intestine
 JCC 30 Transthoracic partial oesophagectomy with interposition of intestine
Includes: Interposition of colon or small intestine
 JCC 96 Other partial oesophagectomy
 JCC 97 Other thoracoscopic or laparoscopic oesophagectomy

JCD Anastomosis of oesophagus without resection

Includes: Anastomosis to stomach or intestine
Major plastic reconstructions, see: JCE 40-50

- JCD 00 Subcutaneous anastomosis of oesophagus without interposition
 JCD 03 Subcutaneous anastomosis of oesophagus with interposition of intestine

- JCD 10 Intrathoracic anastomosis of oesophagus without interposition
 JCD 11 Thoracoscopic or laparoscopic anastomosis of oesophagus without interposition
 JCD 13 Intrathoracic oesophageal anastomosis with interposition of intestine
 JCD 20 Transection of oesophagus
For oesophageal varices, e.g.: Using stapler
 JCD 96 Other anastomosis of oesophagus without resection
 JCD 97 Other thoracoscopic or laparoscopic anastomosis of oesophagus without resection

JCE *Reconstruction of oesophagus*

Additional code for specification of grafts and flaps, see: ZZ

Operations for gastro-oesophageal reflux see: JBC

- JCE 00 Suture of oesophagus
Includes: For perforation or rupture
 JCE 01 Thoracoscopic or laparoscopic suture of oesophagus
 JCE 10 Plastic repair of stenosis of cardia
 JCE 20 Cardiomyotomy
Eponym: Heller
Balloon dilatation for achalasia, see: JCA 55
 JCE 21 Laparoscopic cardiomyotomy
 JCE 30 Repair of oesophageal atresia or congenital tracheo-oesophageal fistula
 JCE 33 Closure of acquired tracheo-oesophageal or broncho-oesophageal fistula
 JCE 40 Reconstruction of oesophagus using flap
Additional code for specification of grafts and flaps, see: ZZ
 JCE 50 Reconstruction of oesophagus using free microvascular graft of intestine
 JCE 96 Other reconstruction of oesophagus
 JCE 97 Other thoracoscopic or laparoscopic reconstruction of oesophagus

JCF *Insertion of oesophageal stent*

- JCF 00 Insertion of oesophageal stent
Eponym: Celestin, or similar
Includes: Laparotomy and gastrotomy
 JCF 12 Endoscopic insertion of oesophageal stent
Includes: Stent with distal end beyond oesophagus

JCW *Other operations on oesophagus*

Oesophageal manometry, electromyography and pH monitoring, see: XJC

- JCW 96 Other operation on oesophagus
 JCW 97 Other laparoscopic or thoracoscopic operation on oesophagus
 JCW 98 Other transluminal endoscopic procedure on oesophagus

JD Stomach and duodenum

About endoscopic procedures, see: Note to Chapter J

Open and laparoscopic operations on duodenum distal to duodenal bulb, see: JF

Gastroscopy, see: UJD 02-05

Laparoscopy, see: JAH 01

JDA Local operations on stomach

Fundoplication, see: JBC

JDA 00 Gastrotomy

Includes: With biopsy, removal of foreign body, haemostasis, polypectomy or local excision of lesion not extending through all layers of the wall

Transluminal endoscopic biopsy, see: UJD 05

JDA 05 Endoscopic polypectomy in stomach or pylorus

Includes: Biopsy using polypectomy snare

JDA 08 Endoscopic removal of foreign body from stomach or pylorus**JDA 12 Endoscopic insertion of gastric stent**

Includes: Stent with distal end beyond stomach Stent with proximal end in oesophagus, see: JCF 12

JDA 22 Endoscopic ligation of varices of stomach

Includes: Using rubber bands or clips

JDA 32 Endoscopic injection in stomach or pylorus

Includes: Sclerotherapy

JDA 35 Endoscopic contact coagulation in stomach or pylorus

Haemostasis using diathermy, heater probe etc.

JDA 38 Endoscopic laser therapy in stomach or pylorus**JDA 42 Other endoscopic haemostatic procedure in stomach or pylorus**

Additional code for type of energy applied, see: ZXC

JDA 52 Other endoscopic procedure using diathermy or heat in stomach or pylorus

Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.

Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60

JDA 55 Endoscopic dilatation of stomach, pylorus or anastomosis of stomach**JDA 60 Closure of perforated ulcer of stomach****JDA 61 Laparoscopic closure of perforated ulcer of stomach****JDA 63 Local excision of lesion of stomach**

Excision through all layers of wall of stomach, e.g.: Excision of ulcer

Open polypectomy etc., see: JDA 00

Segmental gastrectomy, see: JDC 96

JDB Gastrostomy

Change of gastrostomy tube, TJD 20

Insertion of tube into small intestine through gastrostomy, see: TJF 10

JDB 00 Gastrostomy**JDB 01 Laparoscopic gastrostomy****JDB 10 Percutaneous gastrostomy**

Aided by gastroscopy (percutaneous endoscopic gastrostomy) or ultrasonography

JDC Partial gastrectomy

Includes: Antrectomy, subtotal gastrectomy, new gastrectomy after previous gastrectomy

Includes: Local lymph node dissection

Additional code for extended lymph node dissection, see: PJD 98

Reoperation after gastrectomy without new gastrectomy, see: JDE

JDC 00 Partial gastrectomy and gastroduodenostomy

Eponym: Billroth I

JDC 10 Partial gastrectomy and gastrojejunostomy

Eponym: Billroth II, including all modifications

Includes: With enteroanastomosis

JDC 11 Laparoscopic partial gastrectomy and gastrojejunostomy

JDC 20 Partial gastrectomy and Roux-en-Y reconstruction

Conversion of anastomosis of stomach to Roux-en-Y without (new) resection, see: JDE 10

JDC 30 Partial gastrectomy with interposition of jejunum

Includes: Gastrectomy with conversion of previous gastrojejunostomy to gastroduodenostomy with interposition of jejunum

Conversion of gastrojejunostomy to gastroduodenostomy with interposition of jejunum without (new) resection, see: JDE 20

JDC 40 Partial gastrectomy and oesophagogastronomy

JDC 96 Partial gastrectomy with other reconstruction

JDC 97 Laparoscopic partial gastrectomy with other reconstruction

JDD Total gastrectomy

Includes: Omentectomy and resection of adjacent oesophagus

Includes: Local lymph node dissection

Additional code for extended lymph node dissection, see: PJD 98

Concurrent thoracotomy, see: GAB 10

Concurrent splenectomy, see: JMA 10

Subtotal gastrectomy, see: JDC

JDD 00 Total gastrectomy and Roux-en-Y oesophagojejunostomy

JDD 96 Total gastrectomy with other reconstruction

Includes: With construction of reservoir

JDE Anastomosis of stomach without concurrent gastrectomy

Pyloroplasty, see: JDH 63

Enteroanastomosis without new gastrectomy or anastomosis of stomach, see: JFC 00

JDE 00 Gastrojejunostomy

Includes: With enteroanastomosis

JDE 01 Laparoscopic gastroenterostomy

JDE 10 Conversion of gastrojejunostomy to Roux-en-Y anastomosis

JDE 20 Conversion of gastrojejunostomy to gastroduodenostomy with interposition of jejunum

JDE 96 Other anastomosis of stomach without concurrent gastrectomy

JDF ***Bariatric operations on stomach****Operations for morbid obesity**Intestinal bypass operations, see: JFD*

- JDF 00 Gastroplasty
- JDF 01 Laparoscopic gastroplasty
- JDF 10 Gastric bypass
- JDF 11 Laparoscopic gastric bypass
- JDF 20 Gastric banding
- JDF 21 Laparoscopic gastric banding
- JDF 32 Gastroscopic insertion of expanding foreign body into stomach
- JDF 96 Other bariatric operation on stomach
- JDF 97 Other laparoscopic bariatric operation on stomach
- JDF 98 Other gastroscopic bariatric procedure on stomach

JDG ***Vagotomy****Concurrent thoracotomy, see: GAB 10**Concurrent pyloroplasty, see: JDH 63, antrectomy, see: JDC*

- JDG 00 Truncal vagotomy
- JDG 01 Laparoscopic or thoracoscopic truncal vagotomy
- JDG 10 Proximal gastric vagotomy
Synonyms: Parietal cell vagotomy, highly selective vagotomy, proximal selective vagotomy
- JDG 11 Laparoscopic proximal gastric vagotomy
- JDG 96 Other vagotomy
Includes: Selective (gastric) vagotomy, combinations of posterior vagotomy and anterior seromyotomy
- JDG 97 Other laparoscopic vagotomy

JDH ***Operations on pylorus and duodenum****Includes: Transluminal endoscopic procedures on the duodenum, open and laparoscopic procedures on the duodenal bulb**Open and laparoscopic operations on duodenum distal to the bulb, see: JF**Anastomosis to duodenum or jejunum from duodenal bulb, see: JFC 00**Endoscopic procedures on intestine through gastrojejunostomy, see: JFA**Endoscopic procedures on papilla of Vater at ERCP, see: JKE and JLB*

- JDH 00 Duodenotomy
Includes: With biopsy, removal of foreign body, haemostasis, polypectomy, division of web, or local excision not extending through all layers of the wall
Endoscopic biopsy of duodenum, see: UJD 05, UJF 05
- JDH 05 Endoscopic polypectomy in duodenum
Includes: Biopsy using polypectomy snare
- JDH 08 Endoscopic removal of foreign body from duodenum
- JDH 15 Endoscopic injection in duodenum
Includes: Sclerotherapy
- JDH 18 Endoscopic contact coagulation in duodenum
Haemostasis using diathermy, heater probe etc.
- JDH 22 Endoscopic laser therapy in duodenum
Includes: Division of congenital web
- JDH 25 Other endoscopic haemostatic procedure in duodenum
Additional code for type of energy applied, see: ZXC

- JDH 28 Other endoscopic procedure using diathermy or heat in duodenum
Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.
Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60
- JDH 32 Endoscopic dilatation of duodenum
- JDH 35 Endoscopic insertion of duodenal stent
Includes: Stent with distal end beyond duodenum
Stent with proximal end in oesophagus or stomach, see: JCF 12, JDA 12
- JDH 40 Duodenostomy on duodenal bulb
Includes: In management of duodenal blowout
Duodenostomy distal to duodenal bulb, see: JFF
- JDH 41 Laparoscopic duodenostomy on duodenal bulb
- JDH 50 Local excision of lesion of duodenal bulb
Excision through all layers of the wall
Polypectomy etc., see: JDH 00, JDH 05
- JDH 60 Pyloromyotomy
- JDH 61 Laparoscopic pyloromyotomy
- JDH 63 Pyloroplasty
- JDH 70 Closure of perforated ulcer of duodenum
- JDH 71 Laparoscopic closure of perforated ulcer of duodenum

JDW Other operations on stomach and duodenum

- Open and laparoscopic operations on duodenum distal to duodenal bulb, see: JF*
- JDW 96 Other operation on stomach or duodenum
- JDW 97 Other laparoscopic operation on stomach or duodenum
- JDW 98 Other transluminal endoscopic operation on stomach or duodenum

JE Appendix

JEA Appendectomy

- JEA 00 Appendectomy
- JEA 01 Laparoscopic appendectomy
- JEA 10 Appendectomy with drainage

JEW Other operations on appendix

- Incision and drainage of abscess in appendicitis without laparotomy, see: JAA 00, with laparotomy, see: JAK 00, rectal incision, see: JAJ 00, vaginal drainage, see: LEA 10*
- JEW 96 Other operation on appendix
- JEW 97 Other laparoscopic operation on appendix

JF Intestine

About endoscopic procedures, see: Note to Chapter J

Enteroscopy and examination of adjacent small intestine in coloscopy or flexible sigmoidoscopy, see: UJF

Examination of adjacent small intestine through anastomosis in gastroscopy, see: UJD 02

JFA Local operations on intestine

Operations relating to intestinal stomas, see: JFF, JFG

Transluminal endoscopic procedures on duodenum, see: JDH

JFA 00 Enterotomy

Includes: With biopsy, removal of foreign body, gallstone etc., haemostasis, polypectomy, or excision not extending through all layers of the wall

In intraoperative enteroscopy: Add code UJF 00 for enteroscopy

Endoscopic biopsy of small intestine, see: UJD 05, UJF

JFA 02 Endoscopic extraction of foreign body from small bowel**JFA 05 Endoscopic polypectomy in small intestine**

Includes: Biopsy using polypectomy snare

JFA 10 Colotomy

Includes: With biopsy, removal of foreign body, haemostasis, polypectomy, or excision not extending through all layers of the wall

Endoscopic biopsy of colon, see: UJF, UJG

JFA 12 Endoscopic extraction of foreign body from colon**JFA 15 Endoscopic polypectomy in colon**

Includes: Biopsy using polypectomy snare

JFA 16 Biopsy of wall of colon without colotomy

In investigation relating to Hirschsprung's disease

JFA 17 Laparoscopic biopsy of wall of colon without colotomy**JFA 22 Endoscopic injection in small intestine**

Includes: Sclerotherapy

JFA 25 Endoscopic contact coagulation in small intestine

Haemostasis using diathermy, heater probe etc.

JFA 28 Endoscopic laser therapy in small intestine**JFA 32 Other endoscopic haemostatic procedure in small intestine**

Additional code for type of energy applied, see: ZXC

JFA 35 Other endoscopic procedure using diathermy or heat in small intestine

Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.

Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60

JFA 38 Endoscopic dilatation of small intestine**JFA 42 Endoscopic injection in colon**

Includes: Sclerotherapy

JFA 45 Endoscopic contact coagulation in colon

Haemostasis using diathermy, heater probe etc.

JFA 48 Endoscopic laser therapy in colon**JFA 52 Other endoscopic haemostatic procedure in colon**

Additional code for type of energy applied, see: ZXC

JFA 55 Other endoscopic procedure using diathermy or heat in colon

Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.

Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60

JFA 60 Strictureplasty in small intestine

- JFA 63 Strictureplasty in colon
- JFA 65 Endoscopic insertion of stent into small intestine
Includes: Stent with distal end beyond small intestine
Stent with proximal end in oesophagus, stomach or duodenum, see: JCF 12, JDA 12, JDH 35
- JFA 68 Endoscopic insertion of colonic stent
Stent with proximal end in small intestine, see: JFA 65
- JFA 70 Suture of small intestine
Closure of perforation or laceration
- JFA 71 Laparoscopic suture of small intestine
- JFA 73 Excision of lesion of small intestine
Excision through all layers of the wall
Includes: Of Meckel's or other diverticulum without resection of intestine
Polypectomy etc., see: JFA 00, JFA 05
- JFA 74 Laparoscopic excision of lesion of small intestine
- JFA 76 Closure of fistula of small intestine
Includes: Fistula to skin or to other intestine
Closure of fistula with resection of intestine, see: JFB
Fistula to urinary system, see: KCH 30, KDH 50, to vagina, see: LEE 30
- JFA 80 Suture of colon
Closure of perforation or laceration
- JFA 81 Laparoscopic suture of colon
- JFA 83 Excision of lesion of colon
Excision through all layers of the wall
Polypectomy etc., see: JFA 10, JFA 15
- JFA 84 Laparoscopic excision of lesion of colon
- JFA 86 Closure of fistula of colon
Includes: Fistula to skin or to other intestine
Closure of fistula with resection of intestine, see: JFB
Fistula to urinary system, see: KCH 30, KDH 50, to vagina, see: LEE 30
- JFA 96 Other local operation on intestine
- JFA 97 Other laparoscopic local operation on intestine
- JFA 98 Other transluminal endoscopic local operation on intestine
Removal of calculus from ileal conduit or conduit pouch, see: KBJ 70

JFB *Partial excision of intestine*

Resection of exteriorised small intestine, see: JFG 20, of exteriorised colon, see: JFG 30

Total colectomy and related operations, see: JFH

Shunt operations for morbid obesity or hypercholesterolemia, see: JFD

Includes: Local lymph node dissection

Additional code for extended lymph node dissection, see: PJD 98

- JFB 00 Partial resection of small intestine
- JFB 01 Laparoscopic partial resection of small intestine
- JFB 10 Reversal of segment of small intestine
- JFB 13 Plastic repair of small intestine with lengthening
Eponym: Bianchi, or similar, for atresia or short bowel
- JFB 20 Ileocaecal resection
- JFB 21 Laparoscopic ileocaecal resection
- JFB 30 Right hemicolectomy

- JFB 31 Laparoscopic right hemicolectomy
- JFB 33 Other resection comprising small intestine and colon
Includes: Resection after previous resection or anastomosis, extended right hemicolectomy
Separate resections of small intestine and colon are classified separately
- JFB 34 Other laparoscopic resection comprising small intestine and colon
- JFB 40 Resection of transverse colon
- JFB 41 Laparoscopic resection of transverse colon
- JFB 43 Left hemicolectomy
- JFB 44 Laparoscopic left hemicolectomy
- JFB 46 Resection of sigmoid colon
Hartmann operation on sigmoid colon, see: JFB 60
Rectosigmoid resection, see: JGB 00
- JFB 47 Laparoscopic resection of sigmoid colon
Laparoscopic Hartmann operation on sigmoid colon, see: JFB 61
Laparoscopic rectosigmoid resection, see: JGB 01
- JFB 50 Other resection of colon
- JFB 51 Other laparoscopic resection of colon
- JFB 60 Resection of sigmoid colon with end colostomy
With closure of distal stump (eponym: Hartmann) or creation of distal mucosal fistula
Hartmann operation on rectum, see: JGB 10
- JFB 61 Laparoscopic resection of sigmoid colon with end colostomy and closure of distal stump
Laparoscopic Hartmann operation on rectum, see: JGB 11
- JFB 63 Other resection of colon with proximal colostomy and closure of distal stump
Exteriorisation of colon supplementary to other resection of intestine without distal closure is coded separately
- JFB 64 Other laparoscopic resection of colon with proximal colostomy and closure of distal stump
- JFB 96 Other partial excision of intestine
- JFB 97 Other laparoscopic partial excision of intestine

JFC *Anastomosis of intestine*

Intestinal shunt for morbid obesity or hypercholesterolemia, see: JFD

- JFC 00 Entero-enterostomy
Includes: Duodeno-duodenostomy, duodenoenterostomy, enteroanastomosis after previous partial gastrectomy
Excludes: Enteroanastomosis of loop of jejunum concurrent with gastrojejunostomy
- JFC 01 Laparoscopic entero-enterostomy
- JFC 10 Ileotransversostomy
- JFC 11 Laparoscopic ileotransversostomy
- JFC 20 Other enterocolostomy
- JFC 21 Other laparoscopic enterocolostomy
- JFC 30 Colo-colostomy
- JFC 31 Laparoscopic colo-colostomy
- JFC 40 Ileorectostomy
- JFC 41 Laparoscopic ileorectostomy
- JFC 50 Colorectostomy
- JFC 51 Laparoscopic colorectostomy

JFD *Intestinal bypass operations**For morbid obesity or hypercholesterolemia**Operations on stomach for morbid obesity, see: JDF*

- JFD 00 Jejunioileal bypass
- JFD 03 Duodenoileal bypass with biliopancreatic diversion
Synonym: Biliopancreatic diversion with duodenal switch
Includes: With resection of greater curve of stomach when present.
Additional code for cholecystectomy, see: JKA 20
- JFD 04 Laparoscopic duodenoileal bypass with biliopancreatic diversion
Includes: With resection of greater curve of stomach when present.
Additional code for laparoscopic cholecystectomy, see: JKA 21
- JFD 10 Revision of jejunioileal bypass
- JFD 13 Revision of duodenoileal bypass
- JFD 20 Restoration of continuity after jejunioileal bypass
- JFD 23 Restoration of continuity after duodenoileal bypass
- JFD 96 Other intestinal bypass operation

JFE *Transplantation of small intestine and related operations**Donor operations, see: YJF*

- JFE 00 Transplantation of small intestine
Includes: Re-transplantation
- JFE 96 Other operation relating to transplantation of small intestine
Includes: Resection of transplant, transplantectomy, extracorporeal procedures on transplant, anastomoses of transplant

JFF *Exteriorisation of intestine and creation of intestinal stomas**Includes: Creation of intestinal stoma distal to duodenal bulb**Duodenostomy on duodenal bulb, see: JDH 40**Resection of colon or rectum with proximal colostomy and distal closure, see: JFB and JGB**In total colectomy, see: JFH*

- JFF 00 Catheter enterostomy
Includes: Catheter duodenostomy, jejunostomy or ileostomy without exteriorisation, e.g.: Needle jejunostomy for nutrition, usually supplementary to other operation
- JFF 01 Laparoscopic catheter enterostomy
- JFF 10 Loop enterostomy
Includes: Loop jejunostomy or loop ileostomy, usually for temporary diversion as supplement to other operation
- JFF 11 Laparoscopic loop enterostomy
- JFF 13 Terminal enterostomy
Includes: Conventional ileostomy or jejunostomy, usually permanent
- JFF 20 Caecostomy
With or without (catheter caecostomy) exteriorisation of caecum
- JFF 21 Laparoscopic caecostomy
- JFF 23 Transversostomy
- JFF 24 Laparoscopic transversostomy
- JFF 26 Sigmoidostomy

- JFF 27 Laparoscopic sigmoidostomy
- JFF 30 Other colostomy
- JFF 31 Other laparoscopic colostomy
- JFF 40 Appendicostomy
- JFF 41 Laparoscopic appendicostomy
- JFF 50 Exteriorisation of loop of colon without opening
- JFF 51 Laparoscopic exteriorisation of loop of colon without opening
- JFF 60 Opening of exteriorised loop of colon
- JFF 96 Other exteriorisation of intestine or creation of intestinal stoma
- JFF 97 Other laparoscopic exteriorisation of intestine or creation of intestinal stoma

JFG *Operations on intestinal stoma or pouch*

Includes: On continent ileostomy or pelvic pouch

Secondary operations on rectum, see: JGB 40-50

On ileal conduit in urinary diversion, see: KBJ

- JFG 00 Closure of loop enterostomy without resection
Anterior wall closure of jejunostomy or ileostomy
- JFG 10 Closure of loop colostomy without resection
- JFG 20 Closure of enterostomy with resection of exteriorised loop
- JFG 23 Closure of terminal enterostomy with anastomosis to small intestine
- JFG 26 Closure of terminal enterostomy with anastomosis to colon
- JFG 29 Closure of terminal enterostomy with anastomosis to rectum
- JFG 30 Closure of colostomy with resection of exteriorised loop
- JFG 33 Closure of terminal colostomy with anastomosis to colon
- JFG 36 Closure of terminal colostomy with anastomosis to rectum
- JFG 40 Revision of enterostomy or colostomy without laparotomy
- JFG 50 Laparotomy with revision of enterostomy or colostomy
- JFG 53 Revision of ileal pelvic pouch
- JFG 56 Revision of colonic pelvic pouch
- JFG 60 Conversion of conventional ileostomy to continent ileostomy
- JFG 70 Conversion of continent ileostomy to conventional ileostomy
- JFG 73 Excision of ileal pelvic pouch
Includes: With or without closure or excision of anal remnant
Additional code for ileostomy, see: JFF 10, JFF 13
Additional code for ileorectal anastomosis, see: JFC 40
With construction of new pouch, see: JFC 86
With concomitant excision of rectum, see: JGB 40
- JFG 76 Excision of colonic pelvic pouch with colorectal or coloanal anastomosis
With construction of new colonic pelvic pouch, see: JFG 83
Excision of coloanal pouch with colostomy and distal closure, see: JFB 60-63
Excision of colorectal pouch with colostomy and distal closure, see: JGB 10
Excision of colonic pelvic pouch and anorectal remnant, see: JGB 30
- JFG 80 Excision of ileal pouch with construction of new continent ileostomy
- JFG 83 Excision of colonic pelvic pouch and construction of new pouch
- JFG 86 Excision of ileal pelvic pouch and construction of new pouch
- JFG 96 Other operation on intestinal stoma or pouch

JFH Total colectomy

- JFH 00 Total colectomy and ileorectal anastomosis
 JFH 01 Laparoscopic total colectomy and ileorectal anastomosis
 JFH 10 Total colectomy and ileostomy
 With distal mucosal fistula or closure of rectal stump
 JFH 11 Laparoscopic total colectomy and ileostomy
 JFH 20 Proctocolectomy and ileostomy
 JFH 30 Total colectomy, mucosal proctectomy and ileoanal anastomosis without ileostomy
 With or without construction of ileoanal pouch
 JFH 33 Total colectomy, mucosal proctectomy, ileoanal anastomosis and ileostomy
 With mucosal or total proctectomy, with or without construction of ileoanal pouch
 Mucosal proctectomy and ileoanal anastomosis after previous total colectomy, see: JGB 50,
 concurrent closure of ileostomy, see: JFG
 Conversion of ileoanal anastomosis to ileostomy, see: JFG 73
 JFH 40 Proctocolectomy and continent ileostomy
 Eponym: Kock
 Continent ileostomy after previous proctocolectomy, see: JFG 60
 JFH 96 Other total colectomy

JFJ Fixation of intestine to abdominal wall

- Operation for malrotation, see: JAM 10*
 JFJ 00 Coecopexy
 JFJ 01 Laparoscopic coecopexy
 JFJ 96 Other enteropexy or colopexy
 JFJ 97 Other laparoscopic enteropexy or colopexy

JFK Operations on adhesions in intestinal obstruction

- Includes acute and relapsing obstruction*
Excludes: Freeing of adhesions for exploration or access
Resection of intestine, see: JFB
Salpingolysis, see: LBF 30
 JFK 00 Division of adhesive band in intestinal obstruction
 JFK 01 Laparoscopic division of adhesive band in intestinal obstruction
 JFK 10 Freeing of adhesions in intestinal obstruction
 JFK 20 Freeing of adhesions and plication of small intestine
 JFK 96 Other operation on adhesions in intestinal obstruction
 JFK 97 Other laparoscopic operation on adhesions in intestinal obstruction

JFL Operations for intestinal obstruction without resection or freeing of adhesions

Open reduction of incarcerated intestine without resection is classified as hernia repair, see: JAB-JAG, in case of concomitant laparotomy, add: JAH 00

Resection of intestine, see: JFB

- JFL 00 Open reduction of intussusception of intestine
Non-operative reduction using barium enema, see: TJF 30
- JFL 10 Laparotomy and manipulation of obstructed intestine
Includes: In strangulation or volvulus
- JFL 20 Laparotomy and manipulation of impacted material
Enterotomy and removal of impacted material, see: JFA 00
- JFL 96 Other operation for intestinal obstruction without resection or freeing of adhesions

JFM Intraoperative irrigation of colon

- JFM 00 Intraoperative irrigation of colon
Includes: Ileotomy or appendectomy for insertion of irrigation tube

JFW Other operations on intestine

- JFW 96 Other operation on intestine
- JFW 97 Other laparoscopic operation on intestine
- JFW 98 Other transluminal endoscopic operation on intestine

JG Rectum

Transluminal endoscopic procedures may be performed in the course of anoscopy, proctoscopy, flexible sigmoidoscopy or colonoscopy

Colonoscopy, see: UJF 32-35

Flexible sigmoidoscopy, see: UJF 42-45

Proctoscopy, see: UJG 02-05

Anoscopy, see: UJH 02

JGA Proctotomy and local operations on rectum

Rectal incision and drainage of pelvic abscess, see: JAJ 00

Repair of anal atresia, see: JGC 40, JHC 50

- JGA 00 Proctotomy
Includes: With biopsy, removal of foreign body, haemostasis, polypectomy, or excision not extending through all layers of the wall
Endoscopic biopsy of rectum, see: UJG 05, UJF 35
- JGA 02 Endoscopic extraction of foreign body from rectum
- JGA 05 Endoscopic polypectomy in rectum
Includes: Biopsy using polypectomy snare
- JGA 22 Endoscopic injection in rectum
Includes: Sclerotherapy
- JGA 28 Endoscopic contact coagulation in rectum
Haemostasis using diathermy, heater probe etc.
- JGA 32 Endoscopic laser therapy in rectum

- JGA 35 Other endoscopic haemostatic procedure in rectum
Additional code for type of energy applied, see: ZXC
- JGA 52 Other endoscopic procedure using diathermy or heat in rectum
Destruction of lesion, incision of stenosis, "button hole" biopsy, etc.
Additional code for use of diathermy or heat, see: ZXC 00-ZXC 05, ZXC 60
- JGA 58 Endoscopic insertion of rectal stent
Stent with proximal end above rectum, see: JFA 65, JFA 68
- JGA 60 Suture of rectum
Transanal suture, see: JHC 00
- JGA 70 Proctotomy and excision of lesion of rectum
Excision extending through all layers of the wall
- JGA 73 Transanal excision of lesion of rectum
- JGA 75 Endoscopic microsurgical excision of lesion of rectum
- JGA 96 Other proctotomy or local operation on rectum
- JGA 97 Other laparoscopic proctotomy or local operation on rectum
- JGA 98 Other transluminal endoscopic local operation on rectum

JGB *Excision of rectum*

Includes: With mesorectal excision (eponym: Heald)

Includes: Local lymph node dissection

Additional code for extended lymph node dissection, see: PJD 98

Excision of perineal local recurrence after operation for rectal cancer, see: JGD 00

- JGB 00 Partial proctectomy and colorectal or coloanal anastomosis
Includes: Partial rectosigmoidectomy, anterior resection
Includes: Construction of coloanal pouch
- JGB 01 Laparoscopic partial proctectomy and colorectal or coloanal anastomosis
- JGB 10 Partial proctectomy and end colostomy
Includes: Closure of rectal stump (eponym: Hartmann) or creation of distal mucosal fistula
Hartmann operation on sigmoid colon, see: JFB 60
- JGB 11 Laparoscopic partial proctectomy and end colostomy
Laparoscopic Hartmann operation on sigmoid, see: JFB 61
- JGB 20 Partial rectosigmoidectomy and abdominoperineal pull-through anastomosis
For Hirschsprung's disease, eponyms: Soave, Duhamel
- JGB 30 Abdominoperineal excision of rectum
Includes: End colostomy if not previously performed
- JGB 31 Laparoscopic and perineal excision of rectum
- JGB 40 Excision of rectum and end ileostomy
After previous colectomy and ileorectal anastomosis
- JGB 50 Mucosal proctectomy and ileoanal anastomosis
After previous total colectomy
Concurrent closure of ileostomy, see: JFG
- JGB 60 Excision of rectum and ileoanal anastomosis
After previous colectomy
Includes: Construction of ileoanal pouch
- JGB 96 Other proctectomy or excision of rectum
- JGB 97 Other laparoscopic proctectomy or excision of rectum

JGC ***Reconstructive operations on rectum***

Anal and perianal reconstructions, see: JHC

Closure of fistula to urinary system, see: KCH 30, KDH 50, to vagina, see: LEE 30

JGC 00 Rectopexy

Transabdominal, e.g.: Ripstein's operation or Ivalon sponge operation

JGC 01 Laparoscopic rectopexy

JGC 10 Perineal rectopexy

Encircling suture of anus, see: JHC 40

JGC 20 Transanal suture

JGC 30 Excision and suture of rectal mucosa with imbrication of muscular layer

Delorme's operation for rectal prolapse

JGC 40 Anorectal repair of anal atresia

Includes: posterior sagittal anorectoplasty (PSARP) in high or intermediate atresia

JGC 96 Other reconstructive operation on rectum

JGC 97 Other laparoscopic reconstructive operation on rectum

JGD ***Operations on perirectal tissue***

JGD 00 Excision of perineal local recurrence of tumour

After previous operation for rectal cancer

JGW ***Other operations on rectum***

JGW 96 Other operation on rectum

JGW 97 Other laparoscopic operation on rectum

JGW 98 Other transluminal endoscopic operation on rectum

JH **Anus and perianal tissue**

Because transluminal endoscopic operations on the anal canal are identical with open operations with or without the use of e.g. a bivalve retractor, transluminal endoscopic procedures are not defined for the anus

Anoscopy, see: UJH 02

JHA ***Incision, biopsy and excision of lesion of anus and perianal tissue***

Procedures for haemorrhoids, see: JHB

JHA 00 Anal or perianal incision

Includes: with drainage or biopsy

Incision or excision of fistula-in-ano, see: JHD 20-33

JHA 10 Biopsy of anal canal

JHA 20 Excision of lesion of anal canal or perianal tissue

Conventional excision, e.g.: Of polyp, fissure or condyloma

Includes: Removal of penetrating foreign body

Excision of perineal local recurrence of rectal cancer, see: JGD 00

JHA 30 Thermic procedure on lesion of anal canal or perianal tissue

Includes: Use of cryosurgery, diathermy or laser for excision, incision, destruction or coagulation

JHB *Procedures for haemorrhoids and prolapse of mucosa*

- JHB 00 Haemorrhoidectomy
Includes: For prolapse of mucosa
- JHB 10 Thermic destruction of haemorrhoids or prolapse of mucosa
Includes: Use of cryosurgery, diathermy or laser
- JHB 20 Sclerotherapy of haemorrhoids
Injection of sclerosing agent
- JHB 30 Rubber band ligation of haemorrhoids or prolapse of mucosa
- JHB 40 Resection and stapled suture of anal mucosa
For haemorrhoids or prolapse of mucosa
- JHB 96 Other procedure for haemorrhoids or prolapse of mucosa

JHC *Reconstructive operations on anus**Artificial sphincter operations, see: JHE*

- JHC 00 Suture of anal sphincter
For rupture
- JHC 10 Reconstruction of anal sphincter without graft
- JHC 20 Reconstruction of anal sphincter with graft of muscle
- JHC 30 Reconstruction of anal sphincter with transposition of muscle
- JHC 40 Encircling suture of anus
For rectal prolapse, eponym: Thiersch
- JHC 50 Anal repair of anal atresia
For low atresia, e.g.: Transposition to existing fistula
PSARP for high or intermediary atresia, see: JGC 40
- JHC 60 Transanal submucous or intersphincteric injection

JHD *Dilatation and incision of anal sphincter*

- JHD 00 Anal dilatation
- JHD 10 Myotomy of anal sphincter
Includes: Lateral subcutaneous sphincterotomy, posterior sphincterotomy
Excision of fissure, see: JHA 20
- JHD 20 Incision of fistula-in-ano
- JHD 30 Incomplete incision of fistula-in-ano
Eponym: Gabriel, stage 1
- JHD 33 Completing incision of fistula-in-ano
Eponym: Gabriel, stage 2
- JHD 40 Partial excision of internal anal sphincter
Includes: Partial posterior myectomy for Hirschsprung's disease
- JHD 96 Other incision of anal sphincter

JHE *Implantation of artificial anal sphincter and related operations*

- JHE 10 Implantation of artificial anal sphincter
- JHE 20 Revision of artificial anal sphincter
- JHE 30 Removal of artificial anal sphincter
- JHE 96 Other operations related to artificial anal sphincter implantation

JHW *Other operations on anus and perianal tissue**Digital extraction of impacted faeces in general anaesthesia, see: TJG 00**Anorectal manometry and electromyography, see: XJH*

JHW 96 Other operation on anus or perianal tissue

JJ Liver**JJA** *Local operations on liver**Includes: Exploration, incision, biopsy, suture and local excision of lesion**Includes: Procedures on transplanted liver*

JJA 00 Exploration of liver

E.g.: For rupture, includes: Drainage or packing

JJA 10 Hepatotomy

Includes: Drainage

JJA 20 Open biopsy of liver

JJA 21 Laparoscopic biopsy of liver

JJA 23 Open needle biopsy of liver

Percutaneous needle biopsy, see: TJJ 00

JJA 24 Laparoscopic needle biopsy of liver

JJA 30 Fenestration of cyst of liver

JJA 31 Laparoscopic fenestration of cyst of liver

JJA 40 Excision of lesion of liver

Includes: Enucleation of cyst or tumour, removal of foreign body

JJA 41 Laparoscopic excision of lesion of liver

Includes: Removal of foreign body

JJA 43 Destruction of lesion of liver

*Includes: Using toxic injection, cryosurgery or laser**Percutaneous destruction, see: TJJ 10*

JJA 44 Laparoscopic destruction of lesion of liver

JJA 50 Suture of liver

Includes: Haemostatic suture, repair of rupture without resection

JJA 96 Other local operation on liver

JJA 97 Other laparoscopic local operation on liver

JJB *Resection of liver**The classification of the formal resections (JJB 20-60) is based on the subdivision of the liver into segments I-VIII according to Couinaud. For the surgical record it is recommended that the segments resected be specified by numerals instead of, or in addition to, the use of less precisely defined terms, such as lobectomy etc.**Includes: Biliary anastomoses necessitated by resection**Excision of adjacent liver tissue as part of bile duct resection in the hilum, see: JKC 40*

JJB 00 Wedge resection of liver

JJB 10 Atypical resection of liver

E.g.: Revision of traumatic rupture

JJB 20 Excision of single segment of liver

- JJB 30 Excision of two segments of liver
 JJB 40 Excision of segments II, III and IV of liver
Left hepatectomy
 JJB 50 Excision of segments V, VI, VII and VIII of liver
Right hepatectomy
 JJB 53 Excision of segments IV, V, VI, VII and VIII of liver
Extended right hepatectomy
 JJB 60 Other excision of three or more segments of liver
 JJB 71 Laparoscopic resection of liver
 JJB 96 Other resection of liver

JJC *Transplantation of liver and related operations*

Procedures on liver, biliary passages or hepatic vessels after previous transplantation that are identical to procedures on the innate liver are classified as such

Biopsy, exploration, see: TJJ or JJA

Resection of previously transplanted liver, see: JJB

Reconstruction of biliary passages, see: JKD

Vascular reconstructions, see: Chapter P

Donor hepatectomy, see: YJJ

- JJC 00 Allogenic transplantation of liver
 JJC 10 Allogenic partial transplantation of liver
 JJC 20 Allogenic partial transplantation of liver from living donor
 JJC 30 Xenogenic transplantation of liver
 JJC 40 Xenogenic partial transplantation of liver
 JJC 50 Resection of transplanted liver
At transplantation, e.g.: Reduction of size to fit recipient
Resection of previously transplanted liver, see: JJB
 JJC 60 Total excision of transplanted liver
Concurrent with new transplantation
 JJC 96 Other transplantation of liver or related operation

JJW *Other operations on liver*

- JJW 96 Other operation on liver
 JJW 97 Other laparoscopic operation on liver

JK Biliary tract

Transluminal endoscopic procedures may be performed in the course of ERCP or peroral cholangioscopy, see: Note to Chapter J

ERCP, see: UJK 02

Peroral cholangioscopy, see: UJK 12

JKA Operations on gallbladder

JKA 00 Cholecystotomy

Includes: With extraction of calculus (in pediatric surgery)

In exploration of atresia, code for direct cholangiography may be added, see: TJK 00

JKA 10 Cholecystostomy

JKA 11 Laparoscopic cholecystostomy

JKA 13 Percutaneous cholecystostomy

JKA 20 Cholecystectomy

JKA 21 Laparoscopic cholecystectomy

JKA 96 Other operation on gallbladder

JKA 97 Other laparoscopic operation on gallbladder

JKB Incision and related operations on bile duct

Intraoperative and laparoscopic cholangiography, see: TJK 00-01

Transduodenal procedures, including ERCP procedures, see: JKE

Extracorporeal shock wave lithotripsy (ESWL), see: JKT

JKB 00 Incision of bile duct

Includes: With extraction of calculus, biopsy

Includes: Choledochotomy, hepaticotomy, choledocholithotomy, hepaticolithotomy

JKB 01 Laparoscopic incision of bile duct

Includes: With extraction of calculus, biopsy

Includes: Laparoscopic choledochotomy, hepaticotomy, choledocholithotomy, hepaticolithotomy

JKB 11 Laparoscopic extraction of calculus from bile duct through cystic duct

Includes: Dilatation of cystic duct

JKB 20 Intraoperative cholangioscopy

Peroral cholangioscopy, see: UJK 12

JKB 21 Laparoscopic cholangioscopy

JKB 30 Percutaneous transhepatic biliary drainage

JKB 40 Suture of bile duct

Includes: After injury or iatrogenic lesion

JKB 96 Other incision or related operation on bile duct

JKB 97 Other laparoscopic incision or related operation on bile duct

JKC Excision of bile duct

Includes, where not otherwise specified: Common hepatic duct and common bile duct

Includes: Papilla of Vater

Excision of cystic duct, see: JFK 00

JKC 00 Incision of bile duct and local excision of lesion

JKC 01 Laparoscopic incision of bile duct and local excision of lesion

JKC 10 Partial excision and anastomosis of bile duct

- JKC 20 Partial excision of bile duct and anastomosis to duodenum
 JKC 30 Partial excision of bile duct and anastomosis to jejunum
 JKC 40 Partial excision of right or left hepatic duct and anastomosis to jejunum
Includes: Excision in the hilum of right or left hepatic duct or both, with or without major hepatic branches, with or without a sleeve of hepatic tissue
Includes: With multiple anastomoses
 JKC 50 Excision of papilla of Vater and anastomosis of bile duct to duodenum or jejunum
 JKC 96 Other excision of bile duct
Includes: With anastomosis to stomach
 JKC 97 Other laparoscopic excision of bile duct
Includes: With anastomosis to stomach

JKD *Biliodigestive anastomosis without excision*

For diversion or reconstruction

Includes, where not otherwise specified: Common hepatic duct and common bile duct

Transduodenal operations on bile duct and ampulla of Vater, see: JKE

Percutaneous transhepatic biliary drainage, see: JKB 30

- JKD 00 Anastomosis of gallbladder to jejunum
Cholecystojejunostomy
 JKD 01 Laparoscopic anastomosis of gallbladder to jejunum
 JKD 10 Anastomosis of bile duct to duodenum
Includes: Choledochoduodenostomy, hepaticoduodenostomy
 JKD 20 Anastomosis of bile duct to jejunum
Includes: Choledochojejunostomy, hepaticojejunostomy
 JKD 30 Extrahepatic anastomosis of right or left hepatic duct to jejunum
Includes: Of both right and left hepatic duct or major hepatic branches, with multiple anastomoses
 JKD 40 Anastomosis of intrahepatic bile duct to jejunum
Intrahepatic cholangiojejunostomy
 JKD 50 Hepatopertoenterostomy
For atresia, eponym: Kasai, or similar
 JKD 96 Other biliodigestive anastomosis without excision
Includes: Anastomosis to stomach

JKE *Transduodenal operations on bile duct or ampulla of Vater*

Endoscopic biopsy of bile duct, see: UJK

- JKE 00 Transduodenal papillotomy
Simple incision of papilla of Vater
Includes: Extraction of calculus
 JKE 02 Transduodenal endoscopic incision of common bile duct orifice
Synonyms: Endoscopic papillotomy (EPT), endoscopic sphincterotomy (EST)
Includes: Precut papillotomy
 JKE 06 Transduodenal sphincteroplasty
Incision of entire sphincter of Oddi and suture of duct edges to edges of duodenal wall
Includes: Extraction of calculus
 JKE 12 Endoscopic extraction of calculus from bile duct

- JKE 15 Endoscopic lithotripsy in bile duct
Includes: Use of mechanical, electrohydraulic, laser or other lithotripter
Additional code for use of "mother and baby" endoscope, see: UJK 12
- JKE 18 Endoscopic insertion of stent into bile duct
Includes: Endoscopic endoprosthesis (EEP) using various tube stents or self-expanding stents
- JKE 22 Endoscopic extraction of foreign body from bile duct
Includes: Extraction of stent
- JKE 25 Endoscopic external drainage of bile duct
Includes: Insertion of nasobiliary tube
- JKE 32 Endoscopic dilatation of bile duct
- JKE 96 Other transduodenal open operation on bile duct or ampulla of Vater
- JKE 98 Other transduodenal endoscopic operation on bile duct or ampulla of Vater

JKF *Secondary operations on biliary tract*

With partial excision of bile duct, see: JKC
Biliodigestive anastomoses, see: JKD
Transduodenal operations, see: JKE

- JKF 00 Excision of cystic duct
After previous cholecystectomy
- JKF 10 Percutaneous extraction of biliary calculus
Through postoperative T-tube or similar, includes: With dilatation
- JKF 96 Other secondary operation on biliary tract
- JKF 97 Other laparoscopic secondary operation on biliary tract

JKT *Extracorporeal shock wave lithotripsy of biliary tract*

- JKT 00 Extracorporeal shock wave lithotripsy of gallbladder
- JKT 10 Extracorporeal shock wave lithotripsy of biliary duct

JKW *Other operations on biliary tract*

- JKW 96 Other operation on biliary tract
- JKW 97 Other laparoscopic operation on biliary tract
- JKW 98 Other transluminal endoscopic operation on biliary tract

JL **Pancreas**

Transluminal endoscopic procedures may be performed through the papilla of Vater in the course of ERCP or peroral pancreaticoscopy, or from stomach, duodenum or jejunum (through gastro-jejunoscopy) in the course of gastroscopy, see: Note to Chapter J
ERCP, see: UJK 02
Gastroscopy, see: UJD 02
Peroral pancreaticoscopy, see: UJK 42

JLA *Exploration and biopsy of pancreas*

- JLA 00 Exploration of pancreas
 JLA 10 Biopsy of pancreas
 Endoscopic biopsy of pancreatic duct, see: UJK
 JLA 20 Needle biopsy of pancreas
 Includes: Transduodenal needle biopsy
 Percutaneous needle biopsy, see: TJJ 00
 JLA 21 Laparoscopic needle biopsy of pancreas

JLB *Incision, drainage or dilatation of pancreas*

- Includes: Drainage of abscess or pseudocyst*
Percutaneous or percutaneous transgastric drainage, see: TJJ 10
Anastomosis of pancreas pseudocyst, see: JLD
 JLB 00 Incision of pancreas
 JLB 10 Pancreaticolithotomy
 JLB 12 Transduodenal endoscopic incision of pancreatic duct orifice
 Endoscopic pancreatic papillotomy
 JLB 22 Transduodenal endoscopic extraction of calculus from pancreatic duct
 JLB 25 Transduodenal endoscopic lithotripsy in pancreatic duct
 Includes: Use of mechanical, electrohydraulic, laser or other lithotripter
 Additional code for use of "mother and baby" endoscope, see: UJK 42
 JLB 28 Endoscopic insertion of stent into pancreatic duct
 Includes: Endoscopic endoprosthesis (EEP) using various tube stents or self-expanding stents
 JLB 35 Transduodenal endoscopic extraction of foreign body from pancreatic duct
 Includes: Extraction of stent
 JLB 38 Endoscopic external drainage of pancreatic duct
 Includes: Insertion of nasopancreatic tube
 JLB 42 Transduodenal endoscopic dilatation of pancreatic duct
 JLB 96 Other incision, drainage or dilatation of pancreas
 JLB 98 Other transduodenal endoscopic incision, drainage or dilatation of pancreas

JLC *Excision of pancreas*

- Concurrent splenectomy, see: JMA 10*
 JLC 00 Excision of lesion of pancreas
 Includes: Enucleation of insuloma
 JLC 10 Distal pancreatectomy
 Includes: Resection of tail and body of pancreas
 JLC 20 Total pancreatectomy
 JLC 30 Pancreatoduodenectomy
 Eponym: Whipple
 Resection of head of pancreas with duodenectomy and necessary anastomoses, partial gastrectomy and cholecystectomy
 Includes: With various modifications, e.g.: Occlusion or suture of pancreatic duct instead of pancreaticojejunostomy, pylorus preserving operation, with other operations on stomach, e.g.: Vagotomy etc.

- JLC 40 Total pancreatoduodenectomy
Includes: With the same modifications and additional procedures as in JLC 30
- JLC 50 Atypical pancreatectomy
Excision of necrotic tissue in necrotising pancreatitis
Laparostomy, see: JAH 30-33
- JLC 96 Other pancreatectomy

JLD *Anastomosis of pancreas without resection*

- JLD 00 Pancreaticojejunostomy
- JLD 10 Anastomosis of pancreatic pseudocyst to stomach
- JLD 12 Endoscopic drainage of pancreatic pseudocyst
Drainage to stomach or body surface or both
Includes: Using ultrasonography in addition to gastroscopy
- JLD 20 Anastomosis of pancreatic pseudocyst to jejunum
- JLD 22 Endoscopic drainage of pancreatic pseudocyst to jejunum
Includes: Using ultrasonography in addition to gastroscopy through gastrojejunostomy

JLE *Transplantation of pancreas and related operations*

- Allogenic transplantations are from cadaver donor unless otherwise specified*
Procedures on previously transplanted pancreas that are identical to procedures on the innate pancreas are classified as such
Biopsy, exploration, see: TJL or JLA
Partial excision of previously transplanted pancreas, see: JLC
Donor pancreatectomy, see: YJL
- JLE 00 Allogenic total transplantation of pancreas with pancreaticocystostomy
- JLE 03 Allogenic total transplantation of pancreas with pancreaticoenterostomy
- JLE 10 Allogenic segmental transplantation of pancreas
- JLE 16 Allogenic segmental transplantation of pancreas from living donor
- JLE 20 Allogenic islet cell transplantation
- JLE 30 Xenogenic islet cell transplantation
- JLE 40 Total excision of transplanted pancreas
- JLE 50 Occlusion of duct of transplanted pancreas
Includes: Surgical closure or injection into duct
- JLE 56 Conversion of pancreaticocystostomy to pancreaticoenterostomy
After previous transplantation of pancreas
- JLE 96 Other transplantation of pancreas or related operation

JLT *Extracorporeal shock wave lithotripsy of pancreatic duct*

- JLT 00 Extracorporeal shock wave lithotripsy of pancreatic duct

JLW *Other operations on pancreas*

- JLW 96 Other operation on pancreas
- JLW 97 Other laparoscopic operation on pancreas
- JLW 98 Other transluminal endoscopic operation on pancreas

JM Spleen***JMA Splenectomy***

- JMA 00 Partial splenectomy
 JMA 10 Transabdominal total splenectomy
 JMA 11 Laparoscopic total splenectomy
 JMA 20 Transthoracic total splenectomy

JMB Miscellaneous operations on spleen

- JMB 00 Biopsy of spleen
Percutaneous biopsy, see: TJM 00
 JMB 01 Laparoscopic biopsy of spleen
 JMB 10 Repair of spleen
Includes: Simple suture, reinforced suture, use of tissue glue etc., removal of foreign body

JMW Other operations on spleen

- JMW 96 Other operation on spleen
 JMW 97 Other laparoscopic operation on spleen

JW Reoperations in gastroenterological surgery

Includes: Surgery of digestive system and spleen

JWA Repair of wound dehiscence in gastroenterological surgery

- JWA 00 Repair of wound dehiscence in gastroenterological surgery

JWB Reoperation for superficial infection in gastroenterological surgery

Includes: Wound infection

- JWB 00 Reoperation for superficial infection in gastroenterological surgery

JWC Reoperation for deep infection in gastroenterological surgery

Infection in body cavity or at the site of target organ or structures

- JWC 00 Reoperation for deep infection in gastroenterological surgery
 JWC 01 Percutaneous endoscopic reoperation for deep infection in gastroenterological surgery

JWD Reoperation for superficial haemorrhage in gastroenterological surgery

Includes: Wound haemorrhage or haematoma

- JWD 00 Reoperation for superficial haemorrhage in gastroenterological surgery

JWE Reoperation for deep haemorrhage in gastroenterological surgery*Haemorrhage or haematoma in body cavity or at the site of target organ or structures*

- JWE 00 Reoperation for deep haemorrhage in gastroenterological surgery
- JWE 01 Percutaneous endoscopic reoperation for deep haemorrhage in gastroenterological surgery
- JWE 02 Transluminal endoscopic reoperation for deep haemorrhage in gastroenterological surgery

JWF Reoperation for insufficiency of anastomosis or suture in gastroenterological surgery

- JWF 00 Reoperation for insufficiency of anastomosis or suture in gastroenterological surgery
- JWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture in gastroenterological surgery

JWW Other reoperation in gastroenterological surgery

- JWW 96 Other reoperation in gastroenterological surgery
- JWW 97 Other percutaneous endoscopic reoperation in gastroenterological surgery
- JWW 98 Other transluminal endoscopic reoperation in gastroenterological surgery

CHAPTER K

Urinary system, male genital organs and retroperitoneal space

KA	Kidney and pelvis of kidney
KB	Ureter
KC	Bladder
KD	Urethra
KE	Prostate and seminal vesicles
KF	Scrotum and scrotal organs
KG	Penis
KK	Retroperitoneal space
KW	Reoperations in urological surgery
	<i>Puncture, needle biopsy and other minor procedures, see: TK</i>

Significance of the last digit of codes

In chapters G, J, K, L and M, the last digit of the code is used to identify the approach in the following manner:

Digits 0, 3 and 6: Open and other non-endoscopic operations or procedures

Note: Procedures not otherwise specified in the code texts are open operations or procedures

Digits 1, 4 and 7: Endoscopic operations or procedures through puncture or incision

Includes (Chapter K): Laparoscopy, percutaneous nephroscopy and percutaneous ureteronephroscopy with appurtenant endoscopic procedures

Includes: Use of auxiliary stabs or minor incisions. A procedure is classified as percutaneous endoscopic if dissection and preparation of the organ in question is performed endoscopically, even if parts of the operation are performed through a minor auxiliary incision

Note: In the code texts, these procedures are specified according to endoscopy wherever possible.

Digits 2, 5 and 8: Transluminal endoscopic procedures, i.e. through natural or artificial body orifices

Includes (Chapter K): Procedures in the course of urethroscopy, cystoscopy, retrograde ureteroscopy and retrograde ureteronephroscopy

In the case of codes with the digit 9 in the fourth position (the “other” codes), only the last digits 6, 7 and 8 are available, with significance as above.

Please note the following difference between transluminal endoscopy and invasive or therapeutic procedures performed in the course of transluminal endoscopy:

Transluminal endoscopy, frequently allowing examination of several connected organ cavities, is generally classified (in Chapter U) according to the most common main target for the category of endoscopy in question, see: Note to UK. Transluminal endoscopy with simple biopsy, including brush cytology, is classified as endoscopy, not as endoscopic surgical procedure

Endoscopic procedures are classified according to the location where they are actually performed, and then by action and technique.

For example, in Chapter K transluminal endoscopic ureterolithotripsy may be performed at percutaneous ureteronephroscopy or retrograde ureteroscopy.

KA Kidney and pelvis of kidney

KAA Exploration of kidney and pelvis of kidney

- KAA 00 Exploration of kidney
- KAA 01 Percutaneous endoscopic exploration of kidney
- KAA 20 Exploratory nephrotomy
- KAA 21 Percutaneous endoscopic exploratory nephrotomy
- KAA 30 Exploratory pyelotomy
- KAA 31 Percutaneous nephroscopy
- KAA 96 Other exploration of kidney or pelvis of kidney
- KAA 97 Other percutaneous endoscopy of kidney or pelvis of kidney

KAB Biopsy of kidney and pelvis of kidney

Transluminal endoscopic biopsy of pelvis of kidney, see: UKA 05

- KAB 00 Biopsy of kidney or pelvis of kidney
- KAB 01 Percutaneous endoscopic biopsy of kidney or pelvis of kidney

KAC Total excision of kidney

Excision of transplanted kidney, see: KAS

- KAC 00 Nephrectomy
- KAC 01 Percutaneous endoscopic nephrectomy
- KAC 20 Nephroureterectomy
- KAC 21 Percutaneous endoscopic nephroureterectomy

KAD Partial excision or destruction of tumour of kidney and pelvis of kidney

- KAD 00 Partial nephrectomy
Includes: Deroofing of cyst
- KAD 01 Percutaneous endoscopic partial nephrectomy
Includes: Percutaneous endoscopic deroofing of cyst
- KAD 10 Heminephrectomy

- KAD 11 Percutaneous endoscopic heminephrectomy
 KAD 40 Partial excision of pelvis of kidney
 KAD 41 Percutaneous endoscopic partial excision of pelvis of kidney
 KAD 50 Destruction of tumour of pelvis of kidney
 KAD 51 Percutaneous endoscopic destruction of tumour of pelvis of kidney
 KAD 52 Retrograde ureteronephroscopic destruction of tumour of pelvis of kidney
 KAD 96 Other partial excision of kidney or pelvis of kidney
 KAD 97 Other percutaneous endoscopic partial excision or destruction of tumour of kidney or pelvis of kidney
 KAD 98 Other transluminal endoscopic partial excision of pelvis of kidney

KAE Removal of calculi from kidney and pelvis of kidney

- KAE 00 Nephrolithotomy
 KAE 01 Nephroscopic nephrolithotomy
 KAE 10 Pyelolithotomy
 KAE 11 Nephroscopic pyelolithotomy
Includes: With lithotripsy
 KAE 12 Retrograde ureteronephroscopic lithotripsy in pelvis of kidney
 KAE 96 Other removal of calculus from kidney or pelvis of kidney
 KAE 97 Other percutaneous endoscopic removal of calculus from kidney or pelvis of kidney
 KAE 98 Other transluminal endoscopic removal of calculus from kidney or pelvis of kidney

KAF Removal of foreign body from kidney and pelvis of kidney

- KAF 00 Removal of foreign body from kidney
 KAF 01 Percutaneous endoscopic removal of foreign body from kidney
 KAF 10 Removal of foreign body from pelvis of kidney
 KAF 11 Percutaneous endoscopic removal of foreign body from pelvis of kidney
 KAF 12 Transluminal endoscopic removal of foreign body from pelvis of kidney

KAH Reconstructive operations on kidney and pelvis of kidney

- KAH 00 Suture of kidney
 KAH 01 Percutaneous endoscopic suture of kidney
 KAH 10 Suture of pelvis of kidney
 KAH 11 Percutaneous endoscopic suture of pelvis of kidney
 KAH 12 Retrograde ureteronephroscopic suture of pelvis of kidney
 KAH 30 Pyeloureteroplasty without division of ureteropelvic junction
 KAH 31 Percutaneous endoscopic pyeloureteroplasty without division of ureteropelvic junction
 KAH 40 Pyeloureteroplasty with division of ureteropelvic junction
 KAH 41 Percutaneous endoscopic pyeloureteroplasty with division of ureteropelvic junction
 KAH 50 Ureterocalyceal anastomosis
 KAH 51 Percutaneous endoscopic ureterocalyceal anastomosis
 KAH 54 Percutaneous endoscopic incision or dilatation of neck of calyx
 KAH 55 Retrograde ureteronephroscopic incision or dilatation of neck of calyx
 KAH 61 Percutaneous endoscopic incision of ureteropelvic junction
 KAH 62 Endopyelotomy
Retrograde incision of stenosis of ureteropelvic junction

- KAH 70 Freeing of adhesions of ureteropelvic junction
- KAH 71 Percutaneous endoscopic freeing of adhesions of ureteropelvic junction
- KAH 80 Nephropexy
- KAH 81 Percutaneous endoscopic nephropexy
- KAH 96 Other reconstruction of kidney or pelvis of kidney
- KAH 97 Other percutaneous endoscopic reconstruction of kidney or pelvis of kidney
- KAH 98 Other transluminal endoscopic reconstruction of kidney or pelvis of kidney

KAJ External drainage of pelvis of kidney

- KAJ 00 Nephrostomy
Percutaneous nephrostomy (directed by ultrasonography), see: TKA 10
- KAJ 01 Percutaneous endoscopic nephrostomy
- KAJ 02 Retrograde ureteronephroscopic nephrostomy
- KAJ 10 Pyelostomy
- KAJ 11 Percutaneous endoscopic pyelostomy
- KAJ 96 Other external drainage of pelvis of kidney
- KAJ 97 Other percutaneous endoscopic external drainage of pelvis of kidney
- KAJ 98 Other transluminal endoscopic external drainage of pelvis of kidney

KAS Transplantation of kidney and related operations

- KAS 00 Autotransplantation of kidney
- KAS 10 Allogenic transplantation of kidney from cadaver donor
- KAS 20 Allogenic transplantation of kidney from living donor
- KAS 40 Excision of transplanted kidney
- KAS 41 Percutaneous endoscopic excision of transplanted kidney
- KAS 50 Nephrocystostomy in transplanted kidney
- KAS 60 Operation for lymphocele of transplanted kidney
- KAS 61 Percutaneous endoscopic operation for lymphocele of transplanted kidney
- KAS 96 Other transplantation of kidney or related procedure
- KAS 97 Other percutaneous endoscopic procedure on transplanted kidney

KAT Extracorporeal fragmentation of calculi of pelvis of kidney

- KAT 00 Extracorporeal shock wave lithotripsy of pelvis of kidney
ESWL

KAW Other operations on kidney and pelvis of kidney

- KAW 96 Other operation on kidney or pelvis of kidney
- KAW 97 Other percutaneous endoscopic operation on kidney or pelvis of kidney
- KAW 98 Other transluminal endoscopic operation on kidney or pelvis of kidney

KB Ureter***KBA Exploration and incision of ureter***

- KBA 00 Exploration of ureter
- KBA 01 Percutaneous nephroureteroscopy
- KBA 10 Exploratory ureterotomy
- KBA 11 Percutaneous endoscopic exploratory ureterotomy
- KBA 96 Other exploration of ureter
- KBA 97 Other percutaneous endoscopy or endoscopic incision of ureter

KBB Biopsy of ureter

- KBB 00 Biopsy of ureter
Transluminal endoscopic biopsy of ureter, see: UKB 05
- KBB 01 Percutaneous endoscopic biopsy of ureter

KBC Total excision of ureter

- KBC 00 Ureterectomy
- KBC 01 Percutaneous endoscopic ureterectomy

KBD Partial excision of ureter and destruction of tumour of ureter

- KBD 00 Partial excision of ureter
- KBD 01 Percutaneous endoscopic partial excision of ureter
- KBD 20 Destruction of tumour of ureter
- KBD 21 Percutaneous endoscopic destruction of tumour of ureter
- KBD 22 Retrograde ureteroscopic destruction of tumour of ureter
- KBD 30 Excision of stump of ureter
- KBD 31 Percutaneous endoscopic excision of stump of ureter
- KBD 96 Other partial excision of ureter or destruction of tumour of ureter
- KBD 97 Other percutaneous endoscopic partial excision of ureter or destruction of tumour of ureter

KBE Operations for calculus of ureter

- KBE 00 Ureterolithotomy
- KBE 01 Percutaneous endoscopic ureterolithotomy
- KBE 12 Transluminal endoscopic extraction of calculus of ureter
Cystoscopic or retrograde ureteroscopic extraction
- KBE 22 Transluminal endoscopic dislodgement of impacted calculus from ureter
- KBE 96 Other operation for calculus of ureter
- KBE 97 Other percutaneous endoscopic operation for calculus of ureter
- KBE 98 Other transluminal endoscopic operation for calculus of ureter

KBF Removal of foreign body of ureter

- KBF 00 Removal of foreign body from ureter
- KBF 01 Percutaneous endoscopic removal of foreign body from ureter
- KBF 02 Transluminal endoscopic removal of foreign body from ureter

KBH Repair or connection of ureter

- KBH 00 Suture of ureter
 KBH 01 Percutaneous endoscopic suture of ureter
 KBH 06 Ureteroureterostomy
 KBH 10 Connection of ureter to contralateral ureter
Transureteroureterostomy
 KBH 20 Replantation of ureter
Ureterocystoneostomy
Includes: Using flap of bladder (Eponym: Boari, or similar) or psoas hitch
 KBH 21 Percutaneous endoscopic replantation of ureter
 KBH 30 Ileal replacement of ureter
Ureteroenteroureterostomy
 KBH 40 Plastic repair of ureter
 KBH 45 Endoureterotomy
Cystoscopic or retrograde ureteroscopic incision of stenosis of ureter
 KBH 50 Ureterolysis
E.g.: In retroperitoneal fibrosis
 KBH 51 Percutaneous endoscopic ureterolysis
 KBH 62 Transluminal endoscopic dilatation of ureter
 KBH 96 Other repair or connection of ureter
 KBH 97 Other percutaneous endoscopic repair or connection of ureter
 KBH 98 Other transluminal endoscopic repair of ureter

KBJ Urinary diversion from ureter and related operations

- KBJ 00 Cutaneous ureterostomy
 KBJ 01 Percutaneous endoscopic cutaneous ureterostomy
 KBJ 10 Cutaneous ureteroenterostomy
Includes: Ileal and colonic conduits
 KBJ 20 Cutaneous ureteroenterostomy with reservoir
Includes: Ileal and colonic conduits
 KBJ 40 Ureteroenterostomy
Eponym: Coffey, or similar
 KBJ 60 Anastomosis of ureter to urethra with interposition of ileum
 KBJ 70 Removal of calculus from ileal conduit or reservoir
 KBJ 72 Transluminal endoscopic removal of calculus from ileal conduit or reservoir
 KBJ 80 Operation for malfunction of urinary diversion
 KBJ 96 Other urinary diversion from ureter or related operation
 KBJ 97 Other percutaneous endoscopic urinary diversion from ureter or related operation
 KBJ 98 Other transluminal endoscopic procedure relating to urinary diversion from ureter

KBT Extracorporeal fragmentation of calculi of ureter

- KBT 00 Extracorporeal shock wave lithotripsy of ureter
ESWL

KBV Miscellaneous operations on ureter

- KBV 00 Insertion of stent into ureter
- KBV 01 Nephroscopic insertion of stent into ureter
- KBV 02 Cystoscopic insertion of stent into ureter
- KBV 10 Removal of stent from ureter
- KBV 11 Nephroscopic removal of stent from ureter
- KBV 12 Transluminal endoscopic removal of stent from ureter
- KBV 22 Cystoscopic dilatation of ureteric orifice
- KBV 32 Cystoscopic incision of ureteric orifice
- KBV 40 Incision or excision of ureterocele
- KBV 42 Cystoscopic incision or excision of ureterocele
- KBV 52 Cystoscopic injection therapy for vesicoureteral reflux

KBW Other operations on ureter

- KBW 96 Other operation on ureter
- KBW 97 Other percutaneous endoscopic operation on ureter
- KBW 98 Other transluminal endoscopic operation on ureter

KC Bladder***KCA Incision of bladder***

- KCA 00 Exploratory cystotomy
- KCA 01 Percutaneous endoscopic exploratory cystotomy

KCB Biopsy of bladder

- KCB 00 Biopsy of bladder
Cystoscopic biopsy of bladder, see: UKC 05
- KCB 01 Percutaneous endoscopic biopsy of bladder

KCC Total excision of bladder

- KCC 00 Cystectomy
- KCC 10 Cystoprostatectomy
With excision of seminal vesicles
- KCC 20 Cystoprostatourethrectomy
With excision of seminal vesicles
- KCC 30 Cystectomy with excision of female internal genital organs
- KCC 96 Other cystectomy

KCD *Partial excision of bladder and destruction of tumour of bladder**Includes: Of urachus*

- KCD 02 Transurethral resection of bladder
TURB
- KCD 10 Partial cystectomy
- KCD 11 Percutaneous endoscopic partial cystectomy
- KCD 20 Excision of diverticulum of bladder
- KCD 21 Percutaneous endoscopic excision of diverticulum of bladder
- KCD 30 Destruction of tumour of bladder
- KCD 32 Cystoscopic destruction of tumour of bladder
- KCD 40 Excision of urachus
Of remnant or cyst or patent urachus
- KCD 96 Other partial excision or destruction of tumour of bladder
- KCD 97 Other percutaneous endoscopic partial excision of bladder or destruction of tumour of bladder
- KCD 98 Other cystoscopic partial excision of bladder or destruction of tumour of bladder

KCE *Removal of calculus from bladder*

- KCE 00 Cystolithotomy
- KCE 01 Percutaneous endoscopic extraction of calculus from bladder
- KCE 02 Transluminal endoscopic extraction of calculus from bladder

KCF *Removal of foreign body from bladder*

- KCF 00 Cystotomy and removal of foreign body from bladder
- KCF 01 Percutaneous endoscopic removal of foreign body from bladder
- KCF 02 Transluminal endoscopic removal of foreign body from bladder

KCH *Reconstructive operations on bladder**Includes: Procedures for interstitial cystitis*

- KCH 00 Suture of bladder
- KCH 01 Percutaneous endoscopic suture of bladder
- KCH 02 Cystoscopic suture of bladder
- KCH 10 Enterocystoplasty
Includes: Coecocystoplasty
- KCH 11 Percutaneous endoscopic enterocystoplasty
Includes: Percutaneous endoscopic coecocystoplasty
- KCH 20 Reduction cystoplasty
- KCH 21 Percutaneous endoscopic reduction cystoplasty
- KCH 30 Closure of vesicointestinal fistula
Includes: Of fistula to small intestine, colon or rectum
Closure of vesicovaginal fistula, see: LEE
- KCH 40 Incision or resection of bladder neck
- KCH 42 Transurethral incision or resection of bladder neck
- KCH 96 Other reconstructive operation on bladder
- KCH 97 Other percutaneous endoscopic reconstructive operation on bladder
- KCH 98 Other transluminal endoscopic reconstructive operation on bladder

KCJ *Urinary diversion from bladder**Needle cystotomy, see: TKC*

- KCJ 00 Cystostomy
- KCJ 10 Cutaneous cystoenterostomy
- KCJ 20 Cutaneous cystoenterostomy with reservoir
Includes: Ileal and colonic conduits
- KCJ 96 Other cystostomy

KCT *Extracorporeal fragmentation of calculi of bladder*

- KCT 00 Extracorporeal shock wave lithotripsy of bladder
ESWL

KCV *Miscellaneous operations on bladder*

- KCV 02 Cystoscopic balloon distention of bladder
- KCV 10 Denervation of bladder
- KCV 11 Percutaneous endoscopic denervation of bladder
- KCV 20 Freeing of bladder
- KCV 21 Percutaneous endoscopic freeing of bladder
- KCV 22 Transluminal endoscopic evacuation of blood clots from bladder
Eponym: Elik
In postoperative haemorrhage, see: KWE 02

KCW *Other operations on bladder*

- KCW 96 Other operations on bladder
- KCW 97 Other percutaneous endoscopic operation on bladder
- KCW 98 Other transluminal endoscopic operation on bladder

KD *Urethra**Biopsy of urethra, see: UKC 05, UKD 05***KDC** *Total excision of urethra*

- KDC 00 Urethrectomy

KDD *Partial excision of urethra and destruction of tumour of urethra*

- KDD 00 Partial excision of urethra
- KDD 10 Excision of diverticulum of urethra
- KDD 30 Destruction of tumour of urethra
- KDD 32 Urethrosopic destruction of tumour of urethra
- KDD 40 Resection of external sphincter of urethra
- KDD 42 Urethrosopic resection of external sphincter of urethra
- KDD 50 Excision of urethral valve

- KDD 52 Urethrosopic excision of urethral valve
 KDD 80 Partial excision of urethra and repair using graft or flap
Additional codes for specification of grafts and flaps, see: ZZ
 KDD 96 Other partial excision of urethra
 KDD 98 Other transluminal endoscopic partial excision of urethra

KDE *Removal of calculus or foreign body from urethra*

Includes: Lithotripsy

- KDE 00 Urethrolithotomy
 KDE 12 Urethrosopic extraction of calculus of urethra
 KDE 20 Removal of foreign body from urethra
 KDE 22 Urethrosopic removal of foreign body from urethra
 KDE 96 Other removal of calculus or foreign body from urethra
 KDE 98 Other transluminal endoscopic removal of calculus or foreign body from urethra

KDG *Operations on female urethra and bladder neck for urinary incontinence*

Vaginal operations, see: LEG

- KDG 00 Retropubic suspension of urethra
Suture of periurethral tissue to vaginal wall. Eponym: Marshall-Marchetti-Krantz
 KDG 01 Percutaneous endoscopic retropubic suspension of urethra
 KDG 10 Abdominovaginal suspension of bladder neck
Eponym: Stamey, synonyms: Endoscopic suspension of bladder neck, Needle urethropexy
 KDG 20 Abdominal colposuspension
Eponym: Burch
Colpopexy for prolapse of vaginal vault after hysterectomy, see: LEF 50
 KDG 21 Percutaneous endoscopic colposuspension
Includes: Preperitoneal colposuspension using laparoscope
Laposcopic colpopexy for prolapse of vaginal vault after hysterectomy, see: LEF 51
 KDG 30 Suprapubic sling urethrocystopexy
 KDG 31 Percutaneous endoscopic suprapubic sling urethrocystopexy
 KDG 40 Suprapubic urethrocystopexy
With use of suture, staples or tissue glue
 KDG 41 Percutaneous endoscopic suprapubic urethrocystopexy
With use of suture, staples or tissue glue
 KDG 50 Transabdominal plastic repair of pelvic floor for urinary incontinence
 KDG 96 Other operation on female urethra or bladder neck for incontinence
 KDG 97 Other percutaneous endoscopic operation on female urethra or bladder neck for incontinence

KDH *Reconstructive operations on urethra**Artificial sphincter operations, see: KDK*

- KDH 00 Suture of urethra
- KDH 10 Meatoplasty of urethra
- KDH 30 Closure of urethrocutaneous fistula
Closure of urethrovaginal fistula, see: LEE 20
- KDH 50 Closure of urethrointestinal fistula
Includes: Of fistula to small intestine, colon or rectum
Additional code for intestinal resection, see: JFB or JGB
- KDH 62 Urethrosopic recanalisation of urethra
- KDH 70 Plastic repair of stricture of urethra
Additional codes for specification of grafts and flaps, see: ZZ
- KDH 96 Other reconstructive operation on urethra
- KDH 98 Other transluminal endoscopic reconstructive operation on urethra

KDJ *Urinary diversion from urethra*

- KDJ 00 Urethrostomy

KDK *Artificial urethral sphincter operations*

- KDK 00 Implantation of artificial urinary sphincter around bladder neck
- KDK 10 Implantation of artificial urinary sphincter around bulbar urethra
- KDK 30 Revision of artificial urethral sphincter
- KDK 40 Removal of artificial urethral sphincter

KDV *Miscellaneous operations on urethra*

- KDV 00 Insertion of stent into urethra
- KDV 10 Internal urethrotomy
- KDV 12 Urethrosopic internal urethrotomy
- KDV 15 Urethrosopic internal sphincterotomy
- KDV 20 Submucous urethral injection
- KDV 22 Transluminal endoscopic submucous urethral injection

KDW *Other operations on urethra**Dilatation of urethra, see: TKD 00*

- KDW 96 Other operation on urethra
- KDW 98 Other transluminal endoscopic operation on urethra

KE Prostate and seminal vesicles**KEA** *Exploration and incision of prostate and seminal vesicles*

- KEA 00 Exploration of prostate
- KEA 10 Prostatotomy
- KEA 20 Incision of seminal vesicle

KEB *Biopsy of prostate**Needle biopsy, see: TKE 00*

KEB 00 Biopsy of prostate

KEC *Total excision of prostate and seminal vesicles*

KEC 00 Retropubic radical prostatectomy

KEC 01 Percutaneous endoscopic radical prostatectomy

KEC 10 Perineal radical prostatectomy

KEC 20 Transsacral radical prostatectomy

KED *Partial excision of prostate*

KED 00 Transvesical prostatectomy

KED 22 Transurethral resection of prostate
TURP

KED 32 Transurethral incision of prostate

KED 52 Laser resection of prostate

*Includes: Visual laser ablation of prostate (VLAP), transurethral ultrasonic guided laser induced prostatectomy (TULIP)*KED 62 Transurethral needle ablation of prostate
*TUNA*KED 72 Transurethral microwave therapy of prostate
TUMT

KED 80 Percutaneous cryotherapy of prostate

KED 96 Other partial excision of prostate

KED 98 Other transurethral partial excision of prostate

KEE *Removal of calculus or foreign body from prostate*

KEE 00 Prostatolithotomy

KEE 02 Urethroscopic prostatolithotomy

KEE 10 Removal of foreign body from prostate

KEE 12 Urethroscopic removal of foreign body from prostate

KEV *Miscellaneous operations on prostate*

KEV 00 Coagulation of prostate for spontaneous haemorrhage

Coagulation of haemorrhage after prostatectomy, see: KWE

KEV 02 Urethroscopic coagulation of prostate for spontaneous haemorrhage

KEV 12 Transurethral resection of verumontanum

KEV 22 Urethroscopic insertion of stent into prostatic urethra
*Temporary or permanent***KEW** *Other operations on prostate and seminal vesicles*

KEW 96 Other operation on prostate or seminal vesicle

KEW 98 Other transluminal endoscopic operation on prostate

KF Scrotum and scrotal organs**KFA** *Exploration and incision of scrotum and scrotal organs*

- KFA 00 Exploration of testis
 KFA 10 Exploratory incision of testis
 KFA 20 Exploratory incision of epididymis
 KFA 30 Incision of vas deferens
 KFA 40 Incision of scrotum
Includes: Drainage
 KFA 50 Removal of foreign body from scrotum or scrotal organs
 KFA 96 Other exploration or incision of scrotum or organs

KFB *Biopsy of scrotal organs**Needle biopsy, see: TKF*

- KFB 00 Biopsy of testis
 KFB 10 Biopsy of epididymis
 KFB 20 Biopsy of vas deferens
 KFB 96 Other biopsy of scrotal organ

KFC *Total excision of testis and epididymis*

- KFC 00 Unilateral orchiectomy
With epididymectomy
 KFC 10 Bilateral orchiectomy
With epididymectomy
 KFC 60 Epididymectomy
 KFC 96 Other total excision of testis or epididymis

KFD *Partial excision of scrotal organs**Includes: Ligature of vas deferens or of spermatic veins above spermatic chord*

- KFD 00 Partial excision of testis
 KFD 16 Partial excision of epididymis
Includes: Excision of spermatocele
 KFD 20 Excision of hydrocele of testis
 KFD 26 Excision of hydrocele of spermatic cord
 KFD 43 Unilateral vasectomy or ligature of vas deferens
 KFD 46 Bilateral vasectomy or ligature of vas deferens
Includes: For sterilisation
 KFD 50 Resection or ligature of internal spermatic vein
 KFD 51 Percutaneous endoscopic resection or ligature of spermatic vein
Includes: Ligature of internal or external spermatic vein or both, and extraperitoneal approach using laparoscope
 KFD 56 Excision of varicocele
 KFD 60 Excision of scrotal fistula
 KFD 96 Other excision or ligature of scrotal organs

KFH ***Reconstructive operations on scrotum and scrotal organs***

- KFH 00 Operation for undescended or ectopic testis
Excludes: Simple orchiopexy
- KFH 10 Orchiopexy
- KFH 20 Detorsion of spermatic cord and fixation of testis
- KFH 30 Vasovasostomy
- KFH 40 Epididymovasostomy
- KFH 50 Insertion of prosthetic replacement for testis
- KFH 60 Removal of prosthetic replacement for testis
- KFH 70 Suture of scrotum
- KFH 73 Reconstruction of scrotum
Additional codes for specification of grafts and flaps, see: ZZ
- KFH 96 Other reconstructive operation on scrotum or scrotal organs

KFW ***Other operations on scrotum and scrotal organs***

- KFW 96 Other operation on scrotum or scrotal organs

KG **Operations on penis*****KGA*** ***Exploration and incision of penis***

- KGA 00 Incision of penis
- KGA 10 Incision of prepuce
- KGA 96 Other exploration or incision of penis

KGB ***Biopsy of penis***

- KGB 00 Biopsy of penis

KGC ***Amputation of penis***

- KGC 00 Partial amputation of penis
- KGC 10 Total amputation of penis

KGD ***Partial excision of penis and destruction of lesion of penis***

- KGD 00 Partial excision of glans penis
- KGD 05 Partial excision of body of penis
- KGD 10 Destruction of lesion of penis
- KGD 96 Other partial excision of penis

KGF ***Removal of foreign body from penis***

- KGF 00 Removal of foreign body from penis

KGH Reconstructive operations on penis

- KGH 00 Suture of penis
- KGH 10 Operation for phimosis
- KGH 20 Correction of induration or curvature of penis
- KGH 30 Resection or ligation of penile vein
- KGH 33 Arterial revascularisation of penis
- KGH 40 Operation for priapism
- KGH 50 Excision of spongiosocavernous fistula
- KGH 60 Correction of hypospadias
- KGH 70 Correction of epispadias
- KGH 80 Plastic repair of skin of penis
Additional codes for graft or flaps, see: ZZ
- KGH 96 Other reconstructive operation on penis

KGV Miscellaneous operations on penis

- KGV 00 Reduction of prepuce in paraphimosis
- KGV 10 Freeing of adhesions of prepuce
- KGV 20 Ritual circumcision
- KGV 30 Implantation of prosthesis into penis
- KGV 40 Revision of penile prosthesis
- KGV 50 Removal of penile prosthesis

KGW Other operations on penis

- KGW 96 Other operation on penis

KK Retroperitoneal space***KKA Exploration, incision and biopsy of retroperitoneal space***

- KKA 00 Exploration of retroperitoneal space
- KKA 01 Percutaneous exploration of retroperitoneal space
- KKA 10 Biopsy of retroperitoneal tissue
- KKA 11 Percutaneous endoscopic biopsy of retroperitoneal space
- KKA 20 Incision of retroperitoneal space
Includes: Drainage
- KKA 21 Percutaneous endoscopic drainage of retroperitoneal space

KKB Excision of lesion of retroperitoneal space

- KKB 10 Excision of retroperitoneal tumour
- KKB 11 Percutaneous endoscopic excision of retroperitoneal tumour
- KKB 20 Excision of retroperitoneal fistula
- KKB 21 Percutaneous endoscopic excision of retroperitoneal fistula

KKF Removal of foreign body from retroperitoneal space

- KKF 00 Removal of retroperitoneal foreign body
 KKF 01 Percutaneous endoscopic removal of retroperitoneal foreign body

KKW Other operations on retroperitoneal space

- KKW 96 Other operation on retroperitoneal space
 KKW 97 Other percutaneous endoscopic operation on retroperitoneal space

KW Reoperations in urological surgery

Includes: Reoperations on urinary system, male genital organs and retroperitoneal space

KWA Repair of wound dehiscence in urological surgery

- KWA 00 Repair of wound dehiscence in urological surgery

KWB Reoperation for superficial infection in urological surgery

Includes: Wound infection

- KWB 00 Reoperation for superficial infection in urological surgery

KWC Reoperation for deep infection in urological surgery

Includes: Infection in body cavity or at the site of target organ or structures

- KWC 00 Reoperation for deep infection in urological surgery
 KWC 01 Percutaneous endoscopic reoperation for deep infection in urological surgery

KWD Reoperation for superficial haemorrhage in urological surgery

Includes: Wound haemorrhage or haematoma

- KWD 00 Reoperation for superficial haemorrhage in urological surgery

KWE Reoperation for deep haemorrhage in urological surgery

Includes: Haemorrhage or haematoma in body cavity or at the site of target organ or structures

- KWE 00 Reoperation for deep haemorrhage in urological surgery
 KWE 01 Percutaneous endoscopic reoperation for deep haemorrhage in urological surgery
 KWE 02 Transluminal endoscopic reoperation for deep haemorrhage in urological surgery

KWF Reoperation for insufficiency of anastomosis or suture in urological surgery

- KWF 00 Reoperation for insufficiency of anastomosis or suture in urological surgery
 KWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture in urological surgery

KWW Other reoperation in urological surgery

KWW 96 Other reoperation in urological surgery

KWW 97 Other percutaneous endoscopic reoperation in urological surgery

KWW 98 Other transluminal endoscopic reoperation in urological surgery

CHAPTER L

Female genital organs

LA	Ovary
LB	Fallopian tube
LC	Uterus and uterine ligaments
LD	Cervix uteri
LE	Vagina
LF	Vulva and perineum
LG	Female sterilisation
LW	Reoperations on female genital organs

Puncture, needle biopsy and other minor procedures, see: TL

Significance of the last digit of codes

In chapters G, J, K, L and M, the last digit of the code is used to identify the approach in the following manner:

- Digits 0, 3 and 6:** Open and other non-endoscopic operations or procedures
Note: Procedures not otherwise specified in the code texts are open operations or procedures
- Digits 1, 4 and 7:** Endoscopic operations or procedures through puncture or incision
Includes (Chapter L): Laparoscopy, salpingoscopy, ovarioscopy, culdoscopy and procedures performed in the course of these
Includes: Use of auxiliary stabs or minor incisions. The procedure is classified as laparoscopic if dissection and preparation of the organ in question is performed endoscopically, even if parts of the operation are performed through a minor auxiliary incision
Note: In the code texts, these procedures are specified as laparoscopic, salpingoscopic or ovarioscopic
- Digits 2, 5 and 8:** Transluminal endoscopic procedures, i.e. through vagina and cervix uteri
Includes (Chapter L): Procedures in the course of hysteroscopy, microhysteroscopy and falloposcopy
Note: In code text, these procedures are specified as hysteroscopic or falloposcopic

In the case of codes with the digit 9 in the fourth position (the “other” codes), only the last digits 6, 7 and 8 are available, with significance as above.

Please note the following difference between transluminal endoscopy and invasive or therapeutic procedures performed in the course of transluminal endoscopy:

Transluminal endoscopy, frequently allowing examination of several connected organ cavities, is generally classified (in Chapter U) according to the most common main target for the category of endoscopy in question. Transluminal endoscopy with simple biopsy, including brush cytology, is classified as endoscopy, not as endoscopic surgical procedure.

Transluminal endoscopic procedures are classified according to the location where they are actually performed, and then by action and technique.

For example, in Chapter L hysteroscopic procedures are described for Fallopian tubes (sterilisation), uterus and cervix uteri.

LA Ovary

LAA *Puncture of ovary*

Includes: Percutaneous or transvaginal puncture and puncture at laparotomy

Includes: Directed by ultrasonography

Puncture of capsule of polycystic ovary, see: LAC 20-21

- LAA 00 Puncture of ovarian cyst
- LAA 01 Laparoscopic puncture of ovarian cyst
- LAA 03 Percutaneous puncture of ovarian cyst
- LAA 06 Transvaginal puncture of ovarian cyst
- LAA 10 Percutaneous or transvaginal puncture and recovery of oocyte
- LAA 11 Laparoscopic recovery of oocyte
- LAA 20 Percutaneous or transvaginal injection into ovarian pregnancy
- LAA 31 Ovarioscopy
Biopsy, see: TLA 00
- LAA 96 Other puncture of ovary
- LAA 97 Other laparoscopic puncture of ovary

LAB *Incision and biopsy of ovary*

- LAB 00 Ovariectomy
Includes: Removal of foreign body
- LAB 01 Laparoscopic ovariectomy
Includes: Removal of foreign body
- LAB 10 Biopsy of ovary
- LAB 11 Laparoscopic biopsy of ovary
- LAB 21 Laparoscopic needle biopsy of ovary
- LAB 96 Other incision or biopsy of ovary
- LAB 97 Other laparoscopic incision or biopsy of ovary

LAC *Excision or destruction of lesion of ovary*

- LAC 00 Excision of ovarian cyst
 LAC 01 Laparoscopic excision of ovarian cyst
 LAC 10 Fenestration of ovarian cyst
 LAC 11 Laparoscopic fenestration of ovarian cyst
 LAC 20 Destruction of lesion of ovary
 Includes: Coagulation of endometriosis, puncture of capsule of polycystic ovary
 LAC 21 Laparoscopic destruction of lesion of ovary
 LAC 30 Excision of paraovarian cyst
 LAC 31 Laparoscopic excision of paraovarian cyst
 LAC 96 Other excision or destruction of lesion of ovary
 LAC 97 Other laparoscopic excision or destruction of lesion of ovary

LAD *Partial excision of ovary*

- LAD 00 Partial excision of ovary
 LAD 01 Laparoscopic partial excision of ovary

LAE *Total excision of ovary*

- LAE 10 Unilateral oophorectomy
 LAE 11 Unilateral laparoscopic oophorectomy
 LAE 20 Bilateral oophorectomy
 LAE 21 Bilateral laparoscopic oophorectomy

LAF *Excision of ovary and Fallopian tube*

- LAF 00 Unilateral salpingo-oophorectomy
 LAF 01 Laparoscopic unilateral salpingo-oophorectomy
 LAF 10 Bilateral salpingo-oophorectomy
 LAF 11 Laparoscopic bilateral salpingo-oophorectomy
 LAF 20 Unilateral transvaginal salpingo-oophorectomy
 LAF 30 Bilateral transvaginal salpingo-oophorectomy

LAG *Reconstructive operations on ovary*

- LAG 00 Freeing of adhesions of ovary
 Salpingolysis, see: LBF
 LAG 01 Laparoscopic freeing of adhesions of ovary
 LAG 10 Oophoropexy
 LAG 11 Laparoscopic oophoropexy
 LAG 20 Detorsion of ovary
 Includes: Concurrent detorsion of Fallopian tube
 LAG 21 Laparoscopic detorsion of ovary
 LAG 96 Other reconstructive operation on ovary
 LAG 97 Other laparoscopic reconstructive operation on ovary

LAW *Other operations on ovary*

- LAW 96 Other operation on ovary
LAW 97 Other laparoscopic operation on ovary

LB Fallopian tube

Operations for purpose of sterilisation, see: LG

LBA *Puncture and endoscopy of Fallopian tubes*

*Includes: Directed by ultrasonography
Fallopscopy, see: ULB 02*

- LBA 00 Percutaneous puncture of Fallopian tube
LBA 01 Laparoscopic puncture of Fallopian tube
LBA 03 Transvaginal puncture of Fallopian tube
LBA 07 Salpingoscopy

LBB *Biopsy of Fallopian tube*

- LBB 00 Biopsy of Fallopian tube
LBB 01 Laparoscopic biopsy of Fallopian tube
Fallopscopic biopsy of Fallopian tube, see: ULB 05
LBB 04 Salpingoscopic biopsy of Fallopian tube
LBB 11 Laparoscopic needle biopsy of Fallopian tube
Percutaneous needle biopsy of Fallopian tube, see: TLB 00
LBB 96 Other biopsy of Fallopian tube

LBC *Tube conserving operations for tubal pregnancy*

- LBC 00 Percutaneous injection into tubal pregnancy
LBC 03 Transvaginal injection into tubal pregnancy
LBC 07 Laparoscopic injection into tubal pregnancy
LBC 08 Fallopscopic injection into tubal pregnancy
LBC 10 Removal of products of conception from Fallopian tube
Without salpingotomy
LBC 11 Laparoscopic removal of products of conception from Fallopian tube
Without salpingotomy
LBC 20 Salpingotomy and removal of products of conception
LBC 21 Laparoscopic salpingotomy and removal of products of conception
LBC 96 Other tube conserving operation for tubal pregnancy
LBC 97 Other laparoscopic tube conserving operation for tubal pregnancy
LBC 98 Other transluminal endoscopic tube conserving operation for tubal pregnancy

LBD *Partial excision of Fallopian tube*

Includes: For tubal pregnancy

- LBD 00 Partial excision of Fallopian tube
LBD 01 Laparoscopic partial excision of Fallopian tube

LBE *Total excision of Fallopian tube*

Includes: For tubal pregnancy
Salpingo-oophorectomy, see: LAF

- LBE 00 Salpingectomy
 LBE 01 Laparoscopic salpingectomy

LBF *Operations on Fallopian tube for infertility*

- LBF 00 Perfusion of Fallopian tube
 LBF 01 Laparoscopic perfusion of Fallopian tube
 LBF 03 Perfusion of Fallopian tube after reconstruction
 LBF 11 Laparoscopy for assisted fertilisation
E.g.: Gamete intra-Fallopian transfer (GIFT)
 LBF 12 Hysteroscopy for assisted fertilisation
E.g.: Gamete intra-Fallopian transfer (GIFT)
 LBF 20 Transcervical catheter salpingoplasty
TCSP
 LBF 30 Salpingolysis
 LBF 31 Laparoscopic salpingolysis
 LBF 40 Fimbrioplasty
 LBF 41 Laparoscopic fimbrioplasty
 LBF 50 Salpingostomy
 LBF 51 Laparoscopic salpingostomy
 LBF 60 Partial excision and anastomosis of Fallopian tube
 LBF 61 Laparoscopic partial excision and anastomosis of Fallopian tube
 LBF 70 Partial excision and reimplantation of Fallopian tube
 LBF 96 Other operation on Fallopian tube for infertility
 LBF 97 Other laparoscopic operation on Fallopian tube for infertility

LBW *Other operations on Fallopian tube*

Detorsion of ovary and Fallopian tube, see: LAG 20-21

- LBW 96 Other operation on Fallopian tube
 LBW 97 Other laparoscopic operation on Fallopian tube
 LBW 98 Other transluminal endoscopic operation on Fallopian tube

LC *Uterus and uterine ligaments*

Cervix uteri, see: LD
Vaginal operations for uterine prolapse, see: LEF
Hysteroscopy and microhysteroscopy, see: ULC
Hysteroscopic sterilisation, see: LGA
Hysteroscopic procedures in pregnancy, see: MAA

LCA *Intrauterine operations and biopsy of uterus and uterine ligaments**Curettage in spontaneous abortion or after childbirth, see: MBA**Termination of pregnancy, see: LCH*

LCA 00 Biopsy of uterus or uterine ligaments

LCA 01 Laparoscopic biopsy of uterus or uterine ligaments

LCA 06 Biopsy of endometrium

*Biopsy of vaginal cervix, see: LDA 20**Hysteroscopic biopsy of endometrium, see: ULC*

LCA 10 Curettage of body of uterus

Includes: Dilatation of cervix

LCA 13 Curettage of cervix and body of uterus

*Includes: Dilatation of cervix**Curettage of cervix only, see: LDA 10*

LCA 16 Destruction of endometrium

E.g.: By coagulation

LCA 20 Removal of foreign body from uterus

*Includes: Extraction of intrauterine device by intrauterine instrumentation**Excludes: Normal vaginal extraction of intrauterine device*

LCA 22 Hysteroscopic removal of foreign body

*Includes: Of intrauterine device**In pregnancy, see: MAA 22*

LCA 30 Transfer of oocyte or embryo to uterus in assisted fertilisation

LCA 96 Other intrauterine operation

LCA 98 Other transluminal endoscopic operation on uterus

LCB *Incision, excision and destruction of lesion of uterus*

LCB 00 Hysterotomy

For termination of pregnancy, see: LCH 20

LCB 01 Laparoscopic hysterotomy

LCB 10 Myomectomy

LCB 11 Laparoscopic myomectomy

LCB 14 Laparoscopic myolysis

LCB 20 Transvaginal myomectomy

LCB 25 Hysteroscopic excision of lesion

E.g.: Of polyp, myoma

LCB 28 Hysteroscopic excision of endometrium

LCB 32 Hysteroscopic destruction of endometrium

LCB 96 Other excision of lesion of uterus

LCB 97 Other laparoscopic excision of lesion of uterus

LCB 98 Other transluminal endoscopic excision of lesion of uterus

LCC *Partial excision of uterus*

- LCC 00 Partial excision of uterus
- LCC 01 Laparoscopic partial excision of uterus
- LCC 05 Hysteroscopic excision of uterine wall
Includes: Division of septum
- LCC 10 Supravaginal hysterectomy
Supravaginal caesarean hysterectomy, see: MCA 30
- LCC 11 Laparoscopic subtotal hysterectomy
Laparoscopic supravaginal hysterectomy (LSH)
- LCC 20 Vaginal supravaginal hysterectomy
- LCC 96 Other partial excision of uterus
- LCC 97 Other laparoscopic partial excision of uterus

LCD *Total excision of uterus*

- Caesarean hysterectomy, see: MCA*
- LCD 00 Hysterectomy
As supplement to cystectomy, see: KCC 30
- LCD 01 Total laparoscopic hysterectomy
With extraction of specimen through abdominal stab incision (TLH)
- LCD 04 Laparoscopic hysterectomy
With vaginal extraction of specimen (LH)
- LCD 10 Vaginal hysterectomy
In combination with colpoperineoplasty, see: LEF
- LCD 11 Laparoscopically assisted vaginal hysterectomy
Vaginal hysterectomy with laparoscopic dissection above the uterine arteries (LAVH)
- LCD 30 Radical hysterectomy
In combination with cystectomy, see: KCC 30
- LCD 31 Radical laparoscopic hysterectomy
(RLH)
- LCD 40 Radical vaginal hysterectomy
- LCD 96 Other hysterectomy
- LCD 97 Other laparoscopic hysterectomy

LCE *Exenteration of pelvis*

- LCE 00 Anterior exenteration of female pelvis
- LCE 10 Posterior exenteration of female pelvis
- LCE 20 Total exenteration of female pelvis
- LCE 96 Other exenteration of female pelvis

LCF *Excision of lesion of parametrium*

- LCF 00 Excision of lesion of parametrium
- LCF 01 Laparoscopic excision of lesion of parametrium
- LCF 10 Excision of female varicocele
- LCF 11 Laparoscopic excision of female varicocele
- LCF 96 Other excision of lesion of parametrium
- LCF 97 Other laparoscopic excision of lesion of parametrium

LCG *Reconstructive operations on uterus*

- LCG 02 Hysteroscopic freeing of adhesions
 LCG 10 Suture of uterus
 For rupture in childbirth, see: MCC 00
 LCG 11 Laparoscopic suture of uterus
 LCG 20 Hysteropexy
 LCG 21 Laparoscopic hysteropexy
 LCG 30 Resection or transcision of sacrouterine ligaments
 LCG 31 Laparoscopic resection or transcision of sacrouterine ligaments
 LCG 40 Reconstruction of uterus
 Eponym: Strassmann
 LCG 41 Laparoscopic reconstruction of uterus
 LCG 96 Other reconstructive operation on uterus
 LCG 97 Other laparoscopic reconstructive operation on uterus
 LCG 98 Other transluminal endoscopic reconstructive operation on uterus

LCH *Termination of pregnancy*

- Evacuation of uterus in spontaneous or medically induced abortion or after childbirth, see: MBA*
 LCH 00 Vacuum aspiration of products of conception from uterus
 Includes: Dilatation of cervix
 LCH 03 Evacuation of products of conception and curettage of uterus
 Includes: Dilatation of cervix
 LCH 10 Intra- or extra-amniotic introduction of abortifacient
 LCH 13 Vacuum aspiration from uterus after medically induced abortion
 LCH 20 Hysterotomy and evacuation of products of conception
 Includes: Abdominal or vaginal hysterotomy
 LCH 96 Other termination of pregnancy

LCW *Other operations on uterus and uterine ligaments*

- LCW 96 Other operation on uterus and uterine ligaments
 LCW 97 Other laparoscopic operation on uterus and uterine ligaments
 LCW 98 Other hysteroscopic operation on uterus

LD Cervix uteri**LDA** *Dilatation, curettage and biopsy of cervix uteri*

- LDA 00 Dilatation of cervix uteri
 LDA 10 Curettage of cervix uteri
 Hysteroscopic biopsy of cervix uteri, see: ULC
 LDA 20 Biopsy of vaginal cervix
 LDA 96 Other biopsy of cervix uteri

LDB *Excision or destruction of lesion of cervix uteri*

- LDB 00 Excision of lesion of cervix uteri
E.g.: Of polyp
Includes: Removal of penetrating foreign body
- LDB 10 Cryotherapy of cervix uteri
- LDB 20 Electrocoagulation or laser therapy of cervix uteri

LDC *Excision of cervix uteri*

- In colpoperineoplasty, see: LEF*
- LDC 00 Conisation of cervix uteri using knife
- LDC 03 Conisation of cervix uteri using diathermy or laser
- LDC 10 Partial excision of cervix uteri
- LDC 96 Other excision of cervix uteri

LDD *Reconstructive operations on cervix uteri*

- LDD 00 Suture of cervix uteri
For rupture in childbirth, see: MBA
- LDD 10 Plastic repair of cervix uteri
Cerclage of cervix in pregnancy, see: MAB
- LDD 20 Removal of cerclage of cervix uteri
Removal before childbirth, see: MAB

LDW *Other operations on cervix uteri*

- LDW 96 Other operation on cervix uteri

LE **Vagina**

Colposcopy, see: XLE

LEA *Culdoscopy and incision of vagina*

- Puncture of pouch of Douglas, see: TLE 20*
- LEA 01 Culdoscopy
Includes: With biopsy
- LEA 10 Colpotomy
Includes: Drainage of abscess of pouch of Douglas

LEB *Biopsy, excision or destruction of lesion of vagina*

- LEB 00 Biopsy of vagina
- LEB 10 Excision of lesion of vagina
Includes: Of ulceration, cyst or tumour, removal of penetrating foreign body
Removal of foreign body from vagina in childhood, see: TLE 10
- LEB 20 Marsupialisation of vaginal cyst
- LEB 30 Destruction of lesion of vaginal mucosa
Includes: With use of cryotherapy, diathermy or laser

LEC *Partial excision of vagina*

- LEC 00 Partial excision of vagina
 LEC 10 Excision of vaginal septum

LED *Total excision of vagina*

- LED 00 Colpectomy

LEE *Repair or construction of vagina*

Additional code for specification of grafts and flaps, see: ZZ
Excludes: Operations for incontinence or uterine prolapse

- LEE 00 Suture of vagina
For rupture in childbirth, see: MBC
 LEE 10 Repair of vagina using graft or flap
 LEE 20 Closure of urovaginal fistula using graft or flap
 LEE 30 Closure of intestinovaginal fistula using graft or flap
Includes: Of rectovaginal, colovaginal or enterovaginal fistula
Closure by intestinal resection without use of flap, see: JFB
 LEE 40 Construction of vagina
In sex transformation surgery
 LEE 96 Other repair of vagina

LEF *Operations for prolapse of uterus or vaginal vault and enterocele*

- LEF 00 Anterior colporrhaphy
Includes: With perineorrhaphy
 LEF 03 Posterior colporrhaphy
Includes: With levator suture and perineorrhaphy
 LEF 10 Colpoperineoplasty
With excision of vaginal cervix, levator suture and perineorrhaphy
 LEF 13 Colpoperineoplasty and vaginal hysterectomy
 LEF 20 Partial colpocleisis
 LEF 23 Complete colpocleisis
 LEF 40 Vaginal repair of enterocele
 LEF 41 Laparoscopic repair of enterocele
 LEF 50 Colpopexy after previous hysterectomy
 LEF 51 Laparoscopic colpopexy after previous hysterectomy
 LEF 53 Vaginal colpopexy after previous hysterectomy
 LEF 96 Other operation for prolapse of uterus or vaginal vault
 LEF 97 Other laparoscopic operation for prolapse of uterus or vaginal vault

LEG *Vaginal operations for incontinence**Abdominal or combined abdominal and vaginal operations, see: KDG*

- LEG 00 Vaginal urethrocystorrhaphy
Eponyms: Kelly, Kennedy &c.
- LEG 10 Vaginal urethrocystopexy
With use of sling
- LEG 13 Vaginal transobturatorial urethropexy
- LEG 20 Plastic repair of female pelvic floor with levator division
- LEG 96 Other vaginal operation for incontinence

LEW *Other operations on vagina*

- LEW 96 Other operation on vagina
- LEW 97 Other laparoscopic operation on vagina

LF Vulva and perineum**LFA** *Incision of vulva and perineum*

- LFA 00 Incision of vulva or perineum
Includes: With drainage
- LFA 10 Incision of imperforate hymen or remnant of hymen

LFB *Biopsy, excision or destruction of lesion of vulva and perineum*

- LFB 00 Biopsy of vulva or perineum
- LFB 10 Excision of lesion of vulva or perineum
Includes: Of tumour or ulceration, removal of penetrating foreign body
- LFB 20 Destruction of lesion of vulva or perineum
Includes: With use of cryotherapy, diathermy or laser

LFC *Partial excision of vulva and perineum*

- LFC 00 Partial excision of vulva
- LFC 96 Other partial excision of vulva or perineum

LFD *Total excision of vulva*

- LFD 00 Vulvectomy
- LFD 10 Vulvectomy and excision of regional lymph nodes

LFE *Repair of vulva and perineum*

- LFE 00 Suture of vulva
- LFE 10 Plastic repair of vulva
- LFE 20 Suture of perineum
Suture of perineum for rupture in childbirth, see: MBC
- LFE 96 Other repair of vulva or perineum

LFF *Operations on Bartholin gland*

- LFF 00 Marsupialisation of Bartholin gland
 LFF 10 Excision of Bartholin gland
 LFF 96 Other operation on Bartholin gland

LFW *Other operations on vulva and perineum*

- LFW 96 Other operation on vulva or perineum

LG Female sterilisation**LGA** *Female sterilisation*

- LGA 00 Sterilisation by ligature of Fallopian tubes
 LGA 10 Sterilisation by destruction or division of Fallopian tubes
 LGA 11 Laparoscopic sterilisation by destruction or division of Fallopian tubes
 LGA 20 Sterilisation by constriction of Fallopian tubes
 Includes: Application of clips, rings &c.
 LGA 21 Laparoscopic sterilisation by constriction of Fallopian tubes
 LGA 22 Hysteroscopic sterilisation
 By occlusion, e.g.: Polymer injection into Fallopian tubes
 LGA 96 Other female sterilisation
 LGA 97 Other laparoscopic female sterilisation
 LGA 98 Other transluminal endoscopic sterilisation

LW Reoperations on female genital organs**LWA** *Repair of wound dehiscence in gynaecological surgery*

- LWA 00 Repair of wound dehiscence in gynaecological surgery

LWB *Reoperation for superficial infection in gynaecological surgery*

Includes: Wound infection

- LWB 00 Reoperation for superficial infection in gynaecological surgery

LWC *Reoperation for deep infection in gynaecological surgery*

Infection in body cavity or at the site of target organ or structures

- LWC 00 Reoperation for deep infection in gynaecological surgery
 LWC 01 Percutaneous endoscopic reoperation for deep infection in gynaecological surgery

LWD *Reoperation for superficial haemorrhage in gynaecological surgery*

Includes: Wound haemorrhage or haematoma

- LWD 00 Reoperation for superficial haemorrhage in gynaecological surgery

LWE Reoperation for deep haemorrhage in gynaecological surgery

Haemorrhage or haematoma in body cavity or at the site of target organ or structures

- LWE 00 Reoperation for deep haemorrhage in gynaecological surgery
- LWE 01 Percutaneous endoscopic reoperation for deep haemorrhage in gynaecological surgery
- LWE 02 Transluminal endoscopic reoperation for deep haemorrhage in gynaecological surgery

LWF Reoperation for insufficiency of anastomosis or suture in gynaecological surgery

- LWF 00 Reoperation for insufficiency of anastomosis or suture in gynaecological surgery
- LWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture in gynaecological surgery

LWW Other reoperation in gynaecological surgery

- LWW 96 Other reoperation in gynaecological surgery
- LWW 97 Other percutaneous endoscopic reoperation in gynaecological surgery
- LWW 98 Other transluminal endoscopic reoperation in gynaecological surgery

CHAPTER M

Obstetric procedures

MA	Procedures in pregnancy and at delivery
MB	Procedures after delivery or abortion
MC	Caesarean section and obstetric laparotomies
MW	Reoperations in obstetric surgery

Significance of the last digit of codes

In chapters G, J, K, L and M, the last digit of the code is used to identify the approach in the following manner:

Digits 0, 3 and 6: Open and other non-endoscopic operations or procedures

Note: Procedures not otherwise specified in the code texts are open operations or procedures

Digits 1, 4 and 7: Endoscopic operations or procedures through puncture or incision

Includes (Chapter M): Laparoscopy, fetoscopy and embryoscopy

Includes: Use of auxiliary stabs or minor incisions. The procedure is classified as laparoscopic if dissection and preparation of the organ in question is performed endoscopically, even if parts of the operation are performed through a minor auxiliary incision

Note: In the code texts, laparoscopic procedures are specified as such, but in the case of fetoscopy and embryoscopy, endoscopic procedures are included in the endoscopy code

Digits 2, 5 and 8: Transluminal endoscopic procedures, i.e. through vagina and cervix uteri.

Transluminal endoscopy with simple biopsy, including brush cytology, is classified as endoscopy, not as endoscopic surgical procedure.

Includes (Chapter M): Procedures in the course of hysteroscopy or microhysteroscopy

Note: In code text, these procedures are specified as hysteroscopic

In the case of codes with the digit 9 in the fourth position (the “other” codes), only the last digits 6, 7 and 8 are available, with significance as above.

MA Procedures in pregnancy and at delivery

Termination of pregnancy, see: LCH

MAA *Intrauterine operations on pregnant uterus and fetus*

Hysteroscopy, see: ULC

MAA 00 Amniocentesis

MAA 03 Intra-amniotic infusion

For termination of pregnancy, see: LCH 10

MAA 06 Amnioreduction

MAA 10 Biopsy of chorionic villus

Hysteroscopic biopsy of chorionic villus, see: ULC

MAA 22 Hysteroscopic removal of intrauterine device from pregnant uterus

MAA 30 Chordocentesis

MAA 40 Puncture of fetus

Of cyst, hydrothorax &c.

Includes: With drainage or insertion of catheter

MAA 43 Biopsy of fetus

MAA 51 Embryoscopy

Includes: With surgical procedure on fetus

MAA 54 Fetoscopy

Includes: With surgical procedure on fetus

MAA 96 Other intrauterine operation on pregnant uterus or fetus

MAA 98 Other hysteroscopic procedure on pregnant uterus or fetus

MAB *Various procedures on pregnant uterus and fetus*

MAB 00 Cerclage of cervix of pregnant uterus

MAB 03 Removal of cerclage of cervix uteri before childbirth

Removal in the non-pregnant, see: LDD 20

MAB 10 External version

MAB 20 Failed external version

MAC *Surgical induction or advancement of labour*

MAC 00 Rupture of amniotic membrane

MAC 10 Antepartum dilatation of cervical canal

MAC 20 Vacuum traction

Without completed extraction

Vacuum extraction, see: MAE

MAC 23 Forceps traction

Without completed extraction

Forceps extraction, see: MAF

MAC 96 Other surgical induction or advancement of labour

MAD *Expansion of passages to assist delivery*

Episiotomy, see: TMA 00

MAD 00 Incision of cervix to assist delivery

- MAD 20 Pubiotomy to assist delivery
 MAD 96 Other expansion of passages to assist delivery

MAE Vacuum delivery

Vacuum traction without completed extraction, see: MAH

- MAE 00 Outlet vacuum delivery
 MAE 03 Mid-cavity or high vacuum delivery
 MAE 20 Failed vacuum delivery
 MAE 96 Other vacuum delivery

MAF Forceps cephalic delivery

Forceps in breech delivery, see: MAG

Forceps traction without completed extraction, see: MAH

- MAF 00 Outlet forceps cephalic delivery
 MAF 10 Mid forceps cephalic delivery
 MAF 20 Failed forceps cephalic delivery
 MAF 96 Other forceps cephalic delivery

MAG Breech delivery

Includes: Delivery in foot presentation

- MAG 00 Assisted breech delivery
 MAG 03 Breech delivery with forceps to aftercoming head
 MAG 10 Breech extraction delivery
Extraction after bringing down one or both legs
 MAG 13 Breech extraction delivery with forceps to aftercoming head
 MAG 20 Internal version and extraction delivery
 MAG 96 Other breech delivery

MAH Various procedures relating to delivery

- MAH 10 Replacement of prolapsed umbilical cord
 MAH 20 Correction of cephalic malpresentation
 MAH 30 Destructive operation on fetus to assist delivery

MAJ Reduction of multiple pregnancy

- MAJ 00 Reduction of multiple pregnancy by one fetus
 MAJ 10 Reduction of multiple pregnancy by more than one fetus

MAW Other operations in pregnancy and at delivery

- MAW 96 Other operation in pregnancy or at delivery
 MAW 97 Other laparoscopic operation in pregnancy
 MAW 98 Other transluminal endoscopic operation in pregnancy

MB Procedures after delivery or abortion

MBA *Removal of retained products of conception after delivery or abortion*

- MBA 00 Vacuum aspiration from uterus after delivery or abortion
Includes: Dilatation of cervix
- MBA 03 Curettage of uterus after delivery or abortion
Includes: Dilatation of cervix
- MBA 10 Manual exploration of delivered uterus
- MBA 20 Expression of placenta
Eponym: Credé
- MBA 30 Manual removal of placenta from delivered uterus
Includes: Removal of membranes
- MBA 96 Other removal of retained products of conception after delivery or abortion

MBB *Other manual procedures on delivered uterus*

- MBB 00 Manual repositioning of inverted delivered uterus
- MBB 10 Packing of delivered uterus
- MBB 96 Other manual procedure on delivered uterus
Removal of retained placenta or membranes, see: MBA

MBC *Repair of obstetric lacerations*

- Repair of rupture of uterus, see: MCC 00*
- MBC 00 Repair of obstetric laceration of cervix uteri
Includes: Repair after abortion
- MBC 10 Repair of obstetric laceration of vagina
- MBC 20 Repair of obstetric laceration of vulva
- MBC 30 Repair of partial rupture of perineum
Grade 1 and 2 injuries
- MBC 33 Repair of complete rupture of perineum
Grade 3 and 4 injuries
- MBC 40 Revision of paravaginal or vulvar haematoma after delivery or abortion
- MBC 96 Other repair of obstetric laceration

MBW *Other operations after delivery or abortion*

- MBW 96 Other operation after delivery or abortion

MC Caesarean section and obstetric laparotomies***MCA*** *Caesarean section*

MCA 00 Upper uterine segment caesarean section

MCA 10 Lower uterine segment caesarean section

MCA 20 Vaginal caesarean section

MCA 30 Supravaginal caesarean hysterectomy

Eponym: Porro

MCA 33 Total caesarean hysterectomy

MCA 96 Other caesarean section

MCB *Laparotomy and delivery of extrauterine fetus**Operations for tubal and ovarian pregnancy in first 28 weeks of gestation, see: LAA, LB*

MCB 00 Laparotomy and delivery of extrauterine fetus

MCC *Postpartum repair of rupture of uterus*

MCC 00 Postpartum repair of rupture of uterus

MCW *Other obstetric laparotomy*

MCW 96 Other obstetric laparotomy

MW Reoperations in obstetric surgery*Includes: Reoperations on female genital system in pregnancy or after abortion or caesarean section**After vaginal delivery or abortion, see: MBA-MBC****MWA*** *Repair of wound dehiscence in obstetric surgery*

MWA 00 Repair of wound dehiscence in obstetric surgery

MWB *Reoperation for superficial infection in obstetric surgery**Includes: Wound infection*

MWB 00 Reoperation for superficial infection in obstetric surgery

MWC *Reoperation for deep infection in obstetric surgery**Infection in body cavity or at the site of target organ or structures*

MWC 00 Reoperation for deep infection in obstetric surgery

MWC 01 Percutaneous endoscopic reoperation for deep infection in obstetric surgery

MWD *Reoperation for superficial haemorrhage in obstetric surgery**Wound haemorrhage or haematoma*

MWD 00 Reoperation for superficial haemorrhage in obstetric surgery

MWE Reoperation for deep haemorrhage in obstetric surgery

Haemorrhage or haematoma in body cavity or at the site of target organ or structures

MWE 00 Reoperation for deep haemorrhage in obstetric surgery

MWE 01 Percutaneous endoscopic reoperation for deep haemorrhage in obstetric surgery

MWE 02 Transluminal endoscopic reoperation for deep haemorrhage in obstetric surgery

MWF Reoperation for insufficiency of anastomosis or suture in obstetric surgery

MWF 00 Reoperation for insufficiency of anastomosis or suture in obstetric surgery

MWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture in obstetric surgery

MWW Other reoperation in obstetric surgery

MWW 96 Other reoperation in obstetric surgery

MWW 97 Other percutaneous endoscopic reoperation in obstetric surgery

MWW 98 Other transluminal endoscopic reoperation in obstetric surgery

CHAPTER N

Musculoskeletal system

Code structure:

Position 1: Body system, N (musculoskeletal system)

Position 2: Body region, A-H

Position 3: Method, A-W, excluding I and O

Position 4: Specification of procedure, 0-9

Position 5: Further specification of technique or location, 0-9 (place-holder y in codes)

Regions:

NA Spine and neck

Sternum and ribs, see: GA

NB Shoulder and upper arm

Includes: Clavicle and scapula

NC Elbow and forearm

ND Wrist and hand

NE Pelvis

Includes: Sacrum and coccyx

NF Hip joint and thigh

NG Knee joint and lower leg

NH Ankle and foot

NA Spine and neck

NAA *Exploratory procedures*

Includes: Diagnostic arthroscopy, biopsy
Biopsy of integumentary system, see: Chapter Q
For infection of tendons, joints or bone, see: NAS

Key to last digit of NAA codes:

- 0 Percutaneous
- 1 Arthroscopic
- 2 Open

- NAA 0y Exploration of soft tissue of spine or neck
- NAA 1y Exploration of joint of spine or neck
Includes: Diagnostic arthroscopy
- NAA 2y Biopsy of soft tissue or joint of spine or neck
- NAA 3y Biopsy of vertebra

NAB *Primary prosthetic replacement of joints of spine*

Includes: Primary replacement after previous fracture treatment or other operation on joint
Additional code for bone graft, see: NAN

Key to last digit of NAB codes:

- 0 Cervical spine
 - 1 Cervico-thoracic spine
 - 2 Thoracic spine
 - 3 Thoraco-lumbar spine
 - 4 Lumbar spine
 - 5 Cervico-thoraco-lumbar spine
 - 6 Lumbo-sacral spine
- NAB 9y Primary prosthetic replacement of joint of spine

NAC *Secondary prosthetic replacement of joints of spine*

Second or later implantation of prosthesis or part of prosthesis
Removal of prosthesis, see: NAU
Additional code for graft of bone, see: NAN

Key to last digit of NAC codes:

- 0 Cervical spine
 - 1 Cervico-thoracic spine
 - 2 Thoracic spine
 - 3 Thoraco-lumbar spine
 - 4 Lumbar spine
 - 5 Cervico-thoraco-lumbar spine
 - 6 Lumbo-sacral spine
- NAC 9y Secondary prosthetic replacement of joint of spine

NAE *Operations on capsules and ligaments of spine and neck**Complex corrections of deformity, see: NAT**Removal of foreign body, see: NAT 0y***Key to last digit of NAE codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

NAE 9y Operation on capsule or ligament of spine or neck

NAF *Operations on synovia and joint surfaces of spine and neck***Key to last digit of NAF codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

NAF 9y Operation on synovia or joint surface of spine or neck

NAG *Excision, reconstruction and fusion of joints of spine**Prosthetic replacement, see: NAB and NAC**Insertion of interbody implant in cervical spine without intended osseous fusion, see: ABC 21, kyphosing interspinous implant in lumbar or lumbosacral spine, see: ABC 28***Key to last digit of NAG codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

- NAG 0y Excision arthroplasty in spine
- NAG 1y Interposition arthroplasty in spine
- NAG 2y Other arthroplasty in spine without prosthetic replacement
- NAG 3y Interbody fusion of spine without fixation
- NAG 4y Interbody fusion of spine with internal fixation
- NAG 5y Interbody fusion of spine with external fixation
- NAG 6y Interlaminary fusion of spine without fixation
- NAG 7y Interlaminary fusion of spine with fixation
- NAG 8y Unilateral intertransverse fusion of spine
- NAG 9y Other excision, reconstruction or fusion of joints of spine

NAH *Miscellaneous operations on joints of spine**Includes: Reduction of dislocations***Key to last digit of NAH codes:**

0 Closed

1 Arthroscopic

2 Open

NAH 0y Reduction of dislocation of joint of spine

Excludes: Of dislocation of prosthesis

NAH 2y Reduction of dislocation of joint prosthesis in spine

NAH 3y Freeing of adhesions of joint of spine

NAH 4y Removal of foreign or loose body from joint of spine

NAH 5y Excision of intraarticular exostosis or osteophyte of spine

NAH 9y Other operation on joint of spine

*Excludes: All procedures included in NAB-NAG***NAJ** *Fracture surgery of spine**Additional code for bone graft, see: NAN**Removal of implants, see: NAU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NAJ codes:**

0 Cervical spine

1 Cervico-thoracic spine

2 Thoracic spine

3 Thoraco-lumbar spine

4 Lumbar spine

5 Cervico-thoraco-lumbar spine

6 Lumbo-sacral spine

NAJ 0y Closed reduction of fracture of spine

NAJ 1y Open reduction of fracture of spine

NAJ 2y External fixation of fracture of spine

NAJ 3y Internal fixation of fracture of spine using bioimplant

NAJ 4y Internal fixation of fracture of spine using wire, rod, cerclage or pin

NAJ 6y Internal fixation of fracture of spine using plate and screws

NAJ 7y Internal fixation of fracture of spine using screws alone

NAJ 8y Internal fixation of fracture of spine using other or combined methods

NAJ 9y Other fracture surgery of spine

NAK *Operations on vertebrae**Additional code for bone graft, see: NAN**For infection, see: NAS**Complex corrections of deformity, see: NAT**Removal of foreign body, see: NAT 0y***Key to last digit of NAK codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

NAK 0y Excision of fragment of vertebra

Includes: Sequestrectomy

NAK 1y Partial or total excision of vertebra

Includes: Of exostosis not adjacent to joint

NAK 2y Fenestration or forage of vertebra

NAK 3y Curettage of cyst of vertebra

NAK 4y Vertebroplasty

*Using cement**Includes: Percutaneous vertebroplasty*

NAK 9y Other operation on vertebra

NAL *Operations on muscles and tendons of spine and neck**Removal of foreign body, see: NAT 0y*

NAL 09 Freeing of muscle of spine or neck

NAL 19 Suture or plastic repair of muscle of spine or neck

NAL 29 Transposition of muscle of spine or neck

NAL 39 Myotomy or tenotomy of spine or neck

NAL 79 Excision of muscle or tendon of spine or neck

NAL 99 Other operation on muscle or tendon of spine or neck

NAM *Operations on fascia, ganglia and bursae of spine and neck**Removal of foreign body, see: NAT 0y*

NAM 09 Fasciotomy of spine or neck

NAM 19 Partial or total excision of fascia of spine or neck

NAM 29 Suture of fascia of spine or neck

NAM 39 Excision of synovial ganglion of spine or neck

NAM 79 Excision of bursa of spine or neck

NAM 99 Other operation on fascia, ganglion or bursa of spine or neck

NAN *Transplantation in spine*

Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ

Tissue procurement for transplantation, see: Chapter Y

Key to last digit of NAN codes:

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine
- NAN 0y Autograft of bone in spine
- NAN 1y Allograft of bone in spine
- NAN 2y Xenograft of bone in spine
- NAN 4y Transplantation of cartilage, periosteum or fascia in spine
Free graft, see: ZZ
- NAN 9y Other transplantation in spine

NAR *Operations for tumours of spine***Key to last digit of NAR codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine
- NAR 0y Incomplete excision of soft tissue tumour of spine
- NAR 1y Complete excision of soft tissue tumour of spine
- NAR 2y Extended excision of soft tissue tumour of spine
- NAR 3y Block excision of soft tissue tumour of spine
- NAR 4y Incomplete excision of tumour of bone or cartilage of spine
- NAR 5y Complete excision of tumour of bone or cartilage of spine
- NAR 6y Extended excision of tumour of bone or cartilage of spine
- NAR 7y Block excision of tumour of bone or cartilage of spine
- NAR 9y Other operation for tumour of spine

NAS *Operations for infection of tendons, joints, discs and bone of spine**Includes: Drainage**Sequestrectomy, see: NAK***Key to last digit of NAS codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

NAS 1y Incision and debridement of infection of joint of spine

NAS 2y Incision and debridement of infection of vertebra

NAS 4y Incision and debridement of infection of joint of spine with introduction of therapeutic agent

NAS 5y Incision and debridement of infection of vertebra with introduction of therapeutic agent

NAS 6y Incision and debridement of infection of tendon or disc of spine

NAS 9y Other operation for infection of tendon, joint, disc or bone of spine

NAT *Miscellaneous operations on spine***Key to last digit of NAT codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine

NAT 0y Removal of foreign body from tissue of spine or neck

NAT 1y Anterior traction of spine using internal correctional instrument

NAT 2y Posterior traction of spine using internal correctional instrument

NAT 9y Other operation on spine

*Excludes: All procedures included in NAB-NAS or NAU***NAU** *Removal of implants and external fixation devices from spine and neck***Key to last digit of NAU codes:**

- 0 Cervical spine
- 1 Cervico-thoracic spine
- 2 Thoracic spine
- 3 Thoraco-lumbar spine
- 4 Lumbar spine
- 5 Cervico-thoraco-lumbar spine
- 6 Lumbo-sacral spine
- 9 Unspecified

- NAU 2y Removal of prosthesis from joint of spine or neck
- NAU 39 Removal of external fixation device from spine or neck
- NAU 49 Removal of internal fixation device from spine or neck
- NAU 89 Removal of therapeutic implant in treatment of infection of spine or neck
- NAU 99 Removal of other implant from spine or neck

NAW *Reoperations on spine and neck*

Removal of implants, see: NAU

- NAW 49 Repair of wound dehiscence in surgery of spine or neck
- NAW 59 Reoperation for superficial infection in surgery of spine or neck
Includes: For wound infection
- NAW 69 Reoperation for deep infection in surgery of spine or neck
For infection at the site of target structures
- NAW 79 Reoperation for superficial haemorrhage in surgery of spine or neck
Includes: For wound haemorrhage or haematoma
- NAW 89 Reoperation for deep haemorrhage in surgery of spine or neck
For haemorrhage or haematoma at the site of target structures
- NAW 99 Other reoperation in surgery of spine or neck

NB *Shoulder and upper arm*

Includes: Clavicle and scapula

Sternum and ribs, see: Chapter G

NBA *Exploratory procedures on shoulder and upper arm*

Includes: Diagnostic arthroscopy, biopsy

Biopsy of integumentary system, see: Chapter Q

For infection of tendons, joints or bone, see: NBS

Key to last digit of NBA codes:

0 Percutaneous

1 Arthroscopic

2 Open

NBA 0y Exploration of soft tissue of shoulder or upper arm

NBA 1y Exploration of joint of shoulder or upper arm

Includes: Diagnostic arthroscopy

NBA 2y Biopsy of soft tissue or joint of shoulder or upper arm

NBA 3y Biopsy of bone of shoulder or upper arm

NBB *Primary prosthetic replacement of joints of shoulder*

Includes: Primary replacement after previous fracture treatment or other operation on joint
Additional code for bone graft, see: NBN

Prosthetic replacement of entire humerus with proximal and distal joint surfaces, see: NBR 89

Key to last digit of NBB codes:

- 0 Both parts
- 1 Single part – proximal
- 2 Single part – distal
- 9 Other or unspecified

- NBB 0y Primary partial prosthetic replacement of humero-scapular joint not using cement
- NBB 1y Primary partial prosthetic replacement of humero-scapular joint using cement
- NBB 20 Primary total prosthetic replacement of humero-scapular joint not using cement
- NBB 30 Primary total prosthetic replacement of humero-scapular joint using hybrid technique
- NBB 40 Primary total prosthetic replacement of humero-scapular joint using cement
- NBB 59 Primary implantation of interposition prosthesis in humero-scapular joint
- NBB 8y Primary prosthetic replacement of acromio- or sternoclavicular joint
- NBB 99 Other primary prosthetic replacement of joint of shoulder

NBC *Secondary prosthetic replacement of joints of shoulder*

Second or later implantation of prosthesis or part of prosthesis

Removal of prosthesis or part of prosthesis, see: NBU

Reduction of dislocation of prosthesis, see: NBH

Key to last digit of NBC codes:

- 0 Both parts
- 1 Single part – proximal
- 2 Single part – distal
- 9 Other or unspecified

- NBC 0y Secondary implantation of partial prosthesis in humero-scapular joint not using cement
Excludes: Of component of total prosthesis
- NBC 1y Secondary implantation of partial prosthesis in humero-scapular joint using cement
Excludes: Of component of total prosthesis
- NBC 2y Secondary implantation of total prosthesis in humero-scapular joint not using cement
Includes: Of component of total prosthesis
- NBC 3y Secondary implantation of total prosthesis in humero-scapular joint using hybrid technique
Includes: Of component of total prosthesis
- NBC 4y Secondary implantation of total prosthesis in humero-scapular joint using cement
- NBC 59 Secondary implantation of interposition prosthesis in humero-scapular joint
- NBC 8y Secondary prosthetic replacement in acromio- or sternoclavicular joint
- NBC 99 Other secondary prosthetic replacement in joint of shoulder

NBE *Operations on capsules and ligaments of joints of shoulder**Complex corrections of deformity, see: NBT**Removal of foreign body, see: NBT 09***Key to last digit of NBE codes:**

1 Arthroscopic

2 Open

NBE 0y Incision or suture of capsule of joint of shoulder

NBE 1y Transcision or excision of ligament of shoulder

NBE 2y Suture or reinsertion of ligament of shoulder

NBE 3y Transposition of ligament of shoulder

NBE 4y Plastic repair of ligament of shoulder not using prosthetic material

NBE 5y Plastic repair of ligament of shoulder using prosthetic material

NBE 9y Other operation on capsule or ligament of joint of shoulder

NBF *Operations on synovia and surfaces of joint of shoulder***Key to last digit of NBF codes:**

1 Arthroscopic

2 Open

NBF 0y Total humero-scapular synovectomy

NBF 1y Partial humero-scapular synovectomy

Includes: Excision of synovial plica

NBF 2y Fixation of fragment of surface of humero-scapular joint

*Includes: Of fragment of cartilage or cartilage and bone**Includes: In osteochondritis or traumatic lesion*

NBF 3y Partial excision of humero-scapular joint cartilage

NBF 9y Other operation on synovia or joint surface of shoulder

NBG *Excision, reconstruction and fusion of joints of shoulder**Prosthetic replacement, see: NBB and NBC*

NBG 09 Humeroscapular excision arthroplasty

NBG 19 Humeroscapular interposition arthroplasty

NBG 29 Other humero-scapular arthroplasty without prosthetic replacement

NBG 39 Fusion of joint of shoulder without fixation

NBG 49 Fusion of joint of shoulder with internal fixation

NBG 59 Fusion of joint of shoulder with external fixation

NBG 99 Other excision, reconstruction or fusion of joint of shoulder

NBH *Miscellaneous operations on joints of shoulder**Includes: Reduction of dislocations**Mobilisation of joint, see: NBT***Key to last digit of NBH codes:**

0 Closed

1 Arthroscopic

2 Open

NBH 0y Reduction of dislocation of humero-scapular joint

Excludes: Of dislocation of prosthesis

NBH 1y Reduction of dislocation of acromioclavicular joint

NBH 2y Reduction of dislocation of prosthesis of humero-scapular joint

NBH 3y Freeing of adhesions of humero-scapular region

NBH 4y Removal of foreign or loose body from humero-scapular joint

NBH 5y Excision of intraarticular exostosis or osteophyte of humero-scapular joint

NBH 7y Operation for habitual dislocation of humero-scapular joint

NBH 9y Other operation on joint of shoulder

*Excludes: All procedures included in NBB-NBG***NBJ** *Fracture surgery of shoulder and upper arm**Additional code for bone graft, see: NBN**Removal of implants, see: NBU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NBJ codes:**

1 Humerus

2 Clavicle

3 Scapula

NBJ 0y Closed reduction of fracture of shoulder or upper arm

NBJ 1y Open reduction of fracture of shoulder or upper arm

NBJ 2y External fixation of fracture of shoulder or upper arm

NBJ 3y Internal fixation of fracture of shoulder or upper arm using bioimplant

NBJ 4y Internal fixation of fracture of shoulder or upper arm using wire, rod, cerclage or pin

NBJ 5y Internal fixation of fracture of shoulder or upper arm using intramedullary nail

NBJ 6y Internal fixation of fracture of shoulder or upper arm using plate and screws

NBJ 7y Internal fixation of fracture of shoulder or upper arm using screws alone

NBJ 8y Internal fixation of fracture of shoulder or upper arm using other or combined methods

E.g.: Using sliding nail

NBJ 9y Other fracture surgery of shoulder or upper arm

NBK *Operations on bone of shoulder and upper arm**Additional code for bone graft, see: NBN**For infection, see: NBS**Complex corrections of deformity, see: NBT**Removal of foreign body, see: NBT 09***Key to last digit of NBK codes:**

- 1 Humerus
- 2 Clavicle
- 3 Scapula

- NBK 0y Excision of fragment of bone of shoulder or upper arm
Includes: Sequestrectomy
- NBK 1y Partial or total excision of bone of shoulder or upper arm
Includes: Of exostosis not adjacent to joint
- NBK 2y Fenestration or forage of bone of shoulder or upper arm
- NBK 3y Curettage of cyst of bone of shoulder or upper arm
- NBK 4y Epiphysiodesis of shoulder or upper arm
- NBK 5y Angulation, rotation or displacement osteotomy of shoulder or upper arm
- NBK 6y Shortening or lengthening osteotomy of shoulder or upper arm
- NBK 7y Bone transport operation of shoulder or upper arm
- NBK 8y Traction lengthening of epiphyseal plate of shoulder or upper arm
- NBK 9y Other operation on bone of shoulder or upper arm

NBL *Operations on muscles and tendons of shoulder and upper arm**Removal of foreign body, see: NBT 09*

- NBL 09 Freeing of muscle of shoulder or upper arm
- NBL 19 Suture or plastic repair of muscle of shoulder or upper arm
- NBL 29 Transposition of muscle of shoulder or upper arm
- NBL 39 Myotomy or tenotomy of shoulder or upper arm
- NBL 49 Suture or reinsertion of tendon of shoulder or upper arm
- NBL 59 Tenolysis or tenosynovectomy of shoulder or upper arm
- NBL 69 Tenodesis, shortening or lengthening of tendon of shoulder or upper arm
- NBL 79 Excision of muscle or tendon of shoulder or upper arm
- NBL 89 Transposition of tendon of shoulder or upper arm
- NBL 99 Other operation on muscle or tendon of shoulder or upper arm

NBM *Operations on fascia, ganglia and bursae of shoulder and upper arm**Removal of foreign body, see: NBT 09*

- NBM 09 Fasciotomy of shoulder or upper arm
- NBM 19 Partial or total excision of fascia of shoulder or upper arm
- NBM 29 Suture of fascia of shoulder or upper arm
- NBM 79 Excision of bursa of shoulder or upper arm
- NBM 99 Other operation on fascia, ganglion or bursa of shoulder or upper arm

NBN Transplantation in shoulder and upper arm

Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ

Tissue procurement for transplantation, see: Chapter Y

- NBN 09 Autograft of bone in shoulder or upper arm
- NBN 19 Allograft of bone in shoulder or upper arm
- NBN 29 Xenograft of bone in shoulder or upper arm
- NBN 39 Transplantation of tendon in shoulder or upper arm
Free graft of tendon, see: ZZB
- NBN 49 Transplantation of cartilage, periosteum or fascia in shoulder or upper arm
Free graft, see: ZZ
- NBN 99 Other transplantation in shoulder or upper arm

NBP Replantation of upper extremity above elbow

- NBP 29 Replantation of upper extremity above elbow

NBQ Amputation and related operations in shoulder and upper arm**Key to last digit of NBQ codes:**

- 1 Interthoracoscapular
- 2 Humeroscapular
- 3 In upper arm
- 9 Other or unspecified

- NBQ 0y Amputation or exarticulation in shoulder or upper arm
- NBQ 29 Revision of amputation or exarticulation stump in shoulder or upper arm
- NBQ 99 Other amputation or related operation in shoulder or upper arm

NBR Operations for tumours of shoulder and upper arm

- NBR 09 Incomplete excision of soft tissue tumour of shoulder or upper arm
- NBR 19 Complete excision of soft tissue tumour of shoulder or upper arm
- NBR 29 Extended excision of soft tissue tumour of shoulder or upper arm
- NBR 39 Block excision of soft tissue tumour of shoulder or upper arm
- NBR 49 Incomplete excision of tumour of bone or cartilage of shoulder or upper arm
- NBR 59 Complete excision of tumour of bone or cartilage of shoulder or upper arm
- NBR 69 Extended excision of tumour of bone or cartilage of shoulder or upper arm
- NBR 79 Block excision of tumour of bone or cartilage of shoulder or upper arm
- NBR 89 Total excision of humerus with prosthetic replacement
Prosthetic replacement of entire bone with proximal and distal joint surfaces for tumour
- NBR 99 Other operation for tumour of shoulder or upper arm

NBS Operations for infection of tendons, joints and bone of shoulder and upper arm*Includes: Drainage**Sequestrectomy, see: NBK*

- NBS 09 Incision and debridement of infection of tendon of shoulder or upper arm
- NBS 19 Incision and debridement of infection of joint of shoulder
- NBS 29 Incision and debridement of infection of bone of shoulder or upper arm
- NBS 39 Incision and debridement of infection of tendon of shoulder or upper arm with introduction of therapeutic agent
- NBS 49 Incision and debridement of infection of joint of shoulder with introduction of therapeutic agent
- NBS 59 Incision and debridement of infection of bone of shoulder or upper arm with introduction of therapeutic agent
- NBS 99 Other operation for infection of tendon, joint or bone of shoulder or upper arm

NBT Miscellaneous operations on shoulder or upper arm

- NBT 09 Removal of foreign body from tissue of shoulder or upper arm
- NBT 19 Forcible manipulation of humero-scapular joint
- NBT 39 Correction of deformity of shoulder or upper arm using muscle, tendon or ligament
- NBT 49 Correction of deformity of shoulder or upper arm using external or internal fixation
- NBT 99 Other operation on of shoulder or upper arm

*Excludes: All procedures included in NBB-NBS or NBU****NBU Removal of implants and external fixation devices from shoulder and upper arm*****Key to last digit of NBU codes:**

- 0 Both parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified

- NBU 0y Removal of partial prosthesis from humero-scapular joint
- NBU 1y Removal of total prosthesis from humero-scapular joint
- NBU 2y Removal of prosthesis from acromioclavicular joint
- NBU 39 Removal of external fixation device from shoulder or upper arm
- NBU 49 Removal of internal fixation device from shoulder or upper arm
- NBU 69 Removal of prosthetic ligament from shoulder or upper arm
- NBU 89 Removal of therapeutic implant in treatment of infection of shoulder or upper arm
- NBU 99 Removal of other implant from shoulder or upper arm

NBW *Reoperations on shoulder and upper arm**Removal of implants, see: NBU**Revision of amputation stump, see: NBQ*

- NBW 49 Repair of wound dehiscence in surgery of shoulder or upper arm
- NBW 59 Reoperation for superficial infection in surgery of shoulder or upper arm
Includes: For wound infection
- NBW 69 Reoperation for deep infection in surgery of shoulder or upper arm
For infection at the site of target structures
- NBW 79 Reoperation for superficial haemorrhage in surgery of shoulder or upper arm
Includes: For wound haemorrhage or haematoma
- NBW 89 Reoperation for deep haemorrhage in surgery of shoulder or upper arm
For haemorrhage or haematoma at the site of target structures
- NBW 99 Other reoperation in surgery of shoulder or upper arm

NC Elbow and forearm**NCA** *Exploratory procedures**Includes: Diagnostic arthroscopy, biopsy**Biopsy of integumentary system, see: Chapter Q**For infection of tendons, joints or bone, see: NCS***Key to last digit of NCA codes:**

0 Percutaneous

1 Arthroscopic

2 Open

NCA 0y Exploration of soft tissue of elbow or forearm

NCA 1y Exploration of joint of elbow or forearm

Includes: Diagnostic arthroscopy

NCA 2y Biopsy of soft tissue or joint of elbow or forearm

NCA 3y Biopsy of bone of elbow or forearm

NCB *Primary prosthetic replacement of elbow joint**Includes: Primary replacement after previous fracture treatment or other operation on joint**Additional code for bone graft, see: NCN**Prosthetic replacement of entire humerus with proximal and distal joint surfaces, see: NBR 89***Key to last digit of NCB codes:**

0 All parts

1 Single part – proximal

2 Single part – distal

3 Single part – other

4 Two distal or proximal and one distal part

9 Other or unspecified

- NCB 0y Primary partial prosthetic replacement of elbow joint not using cement
- NCB 1y Primary partial prosthetic replacement of elbow joint using cement
- NCB 20 Primary total prosthetic replacement of elbow joint not using cement
- NCB 30 Primary total prosthetic replacement of elbow joint using hybrid technique
- NCB 40 Primary total prosthetic replacement of elbow joint using cement
- NCB 59 Primary prosthetic interposition arthroplasty of elbow joint
- NCB 99 Other primary prosthetic replacement of elbow joint

NCC Secondary prosthetic replacement of elbow joint

Second or later implantation of prosthesis or part of prosthesis

Removal of prosthesis, see: NCU

Reduction of dislocation of prosthesis, see: NCH

Key to last digit of NCC codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 4 Two distal or proximal and one distal part
- 9 Other or unspecified

- NCC 0y Secondary implantation of partial prosthesis in elbow joint not using cement
Excludes: Of component of total prosthesis
- NCC 1y Secondary implantation of partial prosthesis in elbow joint using cement
Excludes: Of component of total prosthesis
- NCC 2y Secondary implantation of total prosthesis in elbow joint not using cement
Includes: Of component of total prosthesis
- NCC 3y Secondary implantation of total prosthesis in elbow joint using hybrid technique
Includes: Of component of total prosthesis
- NCC 4y Secondary implantation of total prosthesis in primary elbow joint using cement
- NCC 59 Secondary implantation of interposition prosthesis in elbow joint
- NCC 99 Other secondary prosthetic replacement in elbow joint

NCE Operations on capsules and ligaments of elbow joint

Complex corrections of deformity, see: NCT

Removal of foreign body, see: NCT 09

Key to last digit of NCE codes:

- 1 Arthroscopic
 - 2 Open
 - 9 Unspecified
- NCE 0y Incision or suture of capsule of elbow joint
 - NCE 1y Transcision or excision of ligament of elbow joint
 - NCE 2y Suture or reinsertion of ligament of elbow joint
 - NCE 3y Transposition of ligament of elbow joint
 - NCE 4y Plastic repair of ligament of elbow joint not using prosthetic material
 - NCE 59 Plastic repair of ligament of elbow joint using prosthetic material
 - NCE 99 Other operation on capsule or ligament of elbow joint

NCF *Operations on synovia and surfaces of elbow joint***Key to last digit of NCF codes:**

- 1 Arthroscopic
- 2 Open

- NCF 0y Total synovectomy of elbow joint
- NCF 1y Partial synovectomy of elbow joint
Includes: Excision of synovial plica
- NCF 2y Fixation of fragment of surface of elbow joint
Includes: Of fragment of cartilage or cartilage and bone
Includes: In osteochondritis or traumatic lesion
- NCF 3y Partial excision of cartilage of elbow joint
- NCF 9y Other operation on synovia or surface of elbow joint

NCG *Excision, reconstruction and fusion of elbow joint**Prosthetic replacement, see: NCB and NCC*

- NCG 09 Excision arthroplasty of elbow joint
- NCG 19 Interposition arthroplasty of elbow joint
- NCG 29 Other arthroplasty of elbow joint without prosthetic replacement
- NCG 39 Fusion of elbow joint without fixation
- NCG 49 Fusion of elbow joint with internal fixation
- NCG 59 Fusion of elbow joint with external fixation
- NCG 99 Other excision, reconstruction or fusion of elbow joint

NCH *Miscellaneous operations on elbow joint**Includes: Reduction of dislocations**Mobilisation of joint, see: NCT***Key to last digit of NCH codes:**

- 0 Closed
- 1 Arthroscopic
- 2 Open

- NCH 0y Reduction of dislocation of elbow joint
Excludes: Of dislocation of prosthesis
- NCH 2y Reduction of dislocation of prosthesis of elbow joint
- NCH 3y Freeing of adhesions of elbow joint
- NCH 4y Removal of foreign or loose body from elbow joint
- NCH 5y Excision of intraarticular exostosis or osteophyte of elbow joint
- NCH 7y Operation for habitual dislocation of elbow joint
- NCH 9y Other operation on elbow joint
Excludes: All procedures included in NCB-NCG

NCJ *Fracture surgery of elbow and forearm**Additional code for bone graft, see: NCN**Removal of implants, see: NCU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NCJ codes:**

0 Proximal ulna

1 Body of ulna

2 Distal ulna

3 Proximal radius

4 Body of radius

5 Distal radius

6 Body of ulna and radius

7 Distal radius and ulna

8 Other location

NCJ 0y Closed reduction of fracture of elbow or forearm

NCJ 1y Open reduction of fracture of elbow or forearm

NCJ 2y External fixation of fracture of elbow or forearm

NCJ 3y Internal fixation of fracture of elbow or forearm using bioimplant

NCJ 4y Internal fixation of fracture of elbow or forearm using wire, rod, cerclage or pin

NCJ 5y Internal fixation of fracture of elbow or forearm using intramedullary nail

NCJ 6y Internal fixation of fracture of elbow or forearm using plate and screws

NCJ 7y Internal fixation of fracture of elbow or forearm using screws alone

NCJ 8y Internal fixation of fracture of elbow or forearm using other or combined methods

E.g.: Using sliding nail

NCJ 9y Other fracture surgery of elbow or forearm

NCK *Operations on bone of elbow and forearm**Additional code for bone graft, see: NCN**For infection, see: NCS**Complex corrections of deformity, see: NCT**Removal of foreign body, see: NCT 09***Key to last digit of NCK codes:**

0 Proximal ulna

1 Body of ulna

2 Distal ulna

3 Proximal radius

4 Body of radius

5 Distal radius

6 Body of ulna and radius

7 Distal radius and ulna

8 Other location

- NCK 0y Excision of fragment of bone of elbow or forearm
Includes: Sequestrectomy
- NCK 1y Partial or total excision of bone of elbow or forearm
Includes: Of exostosis not adjacent to joint
- NCK 2y Fenestration or forage of bone of elbow or forearm
- NCK 3y Curettage of cyst of bone of elbow or forearm
- NCK 4y Epiphysiodesis of elbow or forearm
- NCK 5y Angulation, rotation or displacement osteotomy of elbow or forearm
- NCK 6y Shortening or lengthening osteotomy of elbow or forearm
- NCK 7y Bone transport operation of elbow or forearm
- NCK 8y Traction lengthening of epiphyseal plate of elbow or forearm
- NCK 9y Other operation on bone of elbow or forearm

NCL *Operations on muscles and tendons of elbow and forearm*

Removal of foreign body, see: NCT 09

- NCL 09 Freeing of muscle of elbow or forearm
- NCL 19 Suture or plastic repair of muscle of elbow or forearm
- NCL 29 Transposition of muscle of elbow or forearm
- NCL 39 Myotomy or tenotomy of elbow or forearm
- NCL 49 Suture or reinsertion of tendon of elbow or forearm
- NCL 59 Tenolysis or tenosynovectomy of elbow or forearm
- NCL 69 Tenodesis, shortening or lengthening of tendon of elbow or forearm
- NCL 79 Excision of muscle or tendon of elbow or forearm
- NCL 89 Transposition of tendon of elbow or forearm
- NCL 99 Other operation on muscle or tendon of elbow or forearm

NCM *Operations on fascia, ganglia, synovial sheaths and bursae of elbow and forearm*

Removal of foreign body, see: NCT 09

- NCM 09 Fasciotomy of forearm
- NCM 19 Partial or total excision of fascia of forearm
- NCM 29 Suture of fascia of forearm
- NCM 39 Excision of synovial ganglion of elbow or forearm
- NCM 49 Discission of sheath of tendon of forearm
- NCM 59 Partial excision of sheath of tendon of forearm
- NCM 79 Excision of bursa of elbow or forearm
- NCM 99 Other operation on fascia, ganglion, synovial sheath or bursa of elbow or forearm

NCN *Transplantation to elbow and forearm*

Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ
Tissue procurement for transplantation, see: Chapter Y

- NCN 09 Autograft of bone to elbow or forearm
- NCN 19 Allograft of bone to elbow or forearm
- NCN 29 Xenograft of bone to elbow or forearm
- NCN 39 Transplantation of tendon to elbow or forearm.
Free graft of tendon, see: ZZB
- NCN 49 Transplantation of cartilage, periosteum or fascia to elbow or forearm
Free graft, see: ZZ
- NCN 99 Other transplantation to elbow or forearm

NCP *Replantation of forearm*

- NCP 29 Replantation of forearm

NCQ *Amputation of forearm and related operations*

- NCQ 09 Exarticulation of elbow
- NCQ 19 Amputation of forearm
- NCQ 29 Revision of exarticulation or amputation stump of elbow or forearm
- NCQ 99 Other amputation or related operation on elbow or forearm

NCR *Operations for tumours of elbow and forearm*

- NCR 09 Incomplete excision of soft tissue tumour of elbow or forearm
- NCR 19 Complete excision of soft tissue tumour of elbow or forearm
- NCR 29 Extended excision of soft tissue tumour of elbow or forearm
- NCR 39 Block excision of soft tissue tumour of elbow or forearm
- NCR 49 Incomplete excision of tumour of bone or cartilage of elbow or forearm
- NCR 59 Complete excision of tumour of bone or cartilage of elbow or forearm
- NCR 69 Extended excision of tumour of bone or cartilage of elbow or forearm
- NCR 79 Block excision of tumour of bone or cartilage of elbow or forearm
- NCR 99 Other operation for tumour of elbow or forearm

NCS *Operations for infection of tendons, joints and bone of elbow and forearm*

Includes: Drainage
Sequestrectomy, see: NCK

- NCS 09 Incision and debridement of infection of tendon of forearm
- NCS 19 Incision and debridement of infection of elbow joint
- NCS 29 Incision and debridement of infection of bone of elbow or forearm
- NCS 39 Incision and debridement of infection of tendon of forearm with introduction of therapeutic agent
- NCS 49 Incision and debridement of infection of elbow joint with introduction of therapeutic agent
- NCS 59 Incision and debridement of infection of bone of elbow or forearm with introduction of therapeutic agent
- NCS 99 Other operation for infection of tendon, joint or bone of elbow or forearm

NCT Miscellaneous operations on elbow and forearm

- NCT 09 Removal of foreign body from tissue of elbow or forearm
 NCT 19 Forcible manipulation of elbow joint
 NCT 39 Correction of deformity of elbow joint or forearm using muscle, tendon or ligament
 NCT 49 Correction of deformity of elbow joint or forearm using external or internal fixation
 NCT 99 Other operation on elbow joint or forearm
Excludes: All procedures included in NCB-NCS or NCU

NCU Removal of implants and external fixation devices from elbow and forearm**Key to last digit of NCU codes:**

- 0 All parts
 1 Single part – proximal
 2 Single part – distal
 3 Single part – other
 4 Two distal or proximal and one distal part
 9 Other or unspecified

- NCU 0y Removal of partial prosthesis from elbow joint
 NCU 1y Removal of total prosthesis from elbow joint
 NCU 39 Removal of external fixation device from elbow or forearm
 NCU 49 Removal of internal fixation device from elbow or forearm
 NCU 69 Removal of prosthetic ligament from elbow or forearm
 NCU 89 Removal of therapeutic implant in treatment of infection of elbow or forearm
 NCU 99 Removal of other implant from elbow or forearm

NCW Reoperations on elbow and forearm

Removal of implants, see: NCU

Revision of amputation stump, see: NCQ

- NCW 49 Repair of wound dehiscence in surgery of elbow or forearm
 NCW 59 Reoperation for superficial infection in surgery of elbow or forearm
Includes: For wound infection
 NCW 69 Reoperation for deep infection in surgery of elbow or forearm
For infection at the site of target structures
 NCW 79 Reoperation for superficial haemorrhage in surgery of elbow or forearm
Includes: For wound haemorrhage or haematoma
 NCW 89 Reoperation for deep haemorrhage in surgery of elbow or forearm
For haemorrhage or haematoma at the site of target structures
 NCW 99 Other reoperation in surgery of elbow or forearm

ND Wrist and hand**NDA** *Exploratory procedures on wrist and hand*

Includes: Diagnostic arthroscopy, biopsy
Biopsy of integumentary system, see: Chapter Q
For infection of tendons, joints or bone, see: NDS

Key to last digit of NDA codes:

- 0 Percutaneous
- 1 Arthroscopic
- 2 Open
- NDA 0y Exploration of soft tissue of wrist or hand
- NDA 1y Exploration of joint of wrist or hand
Includes: Diagnostic arthroscopy
- NDA 2y Biopsy of soft tissue or joint of wrist or hand
- NDA 3y Biopsy of bone of wrist or hand

NDB *Primary prosthetic replacement of joint of wrist and hand*

Includes: Primary replacement after previous fracture treatment or other operation on joint
Additional code for bone graft, see: NDN

Key to last digit of NDB codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified
- NDB 0y Primary partial prosthetic replacement of joint of wrist not using cement
- NDB 1y Primary partial prosthetic replacement of joint of wrist using cement
- NDB 2y Primary total prosthetic replacement of joint of wrist not using cement
- NDB 3y Primary total prosthetic replacement of joint of wrist using hybrid technique
- NDB 4y Primary total prosthetic replacement of joint of wrist using cement
- NDB 5y Primary prosthetic interposition arthroplasty of joint of wrist
- NDB 8y Primary prosthetic replacement of joint of finger or metacarpal
- NDB 99 Other primary prosthetic replacement of joint of wrist or hand

NDC *Secondary prosthetic replacement of joints of wrist and hand*

Second or later implantation of prosthesis or part of prosthesis
Removal of prosthesis, see: NDU
Reduction of dislocation of prosthesis, see: NDH

Key to last digit of NDC codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified

- NDC 0y Secondary implantation of partial prosthesis in joint of wrist not using cement
Excludes: Of component of total prosthesis
- NDC 1y Secondary implantation of partial prosthesis in joint of wrist using cement
Excludes: Of component of total prosthesis
- NDC 2y Secondary implantation of total prosthesis in joint of wrist not using cement
Includes: Of component of total prosthesis
- NDC 3y Secondary implantation of total prosthesis in joint of wrist using hybrid technique
Includes: Of component of total prosthesis
- NDC 4y Secondary implantation of total prosthesis in joint of wrist using cement
- NDC 5y Secondary implantation of interposition prosthesis in joint of wrist
- NDC 8y Secondary prosthetic replacement in joint of finger or metacarpal
- NDC 99 Other secondary prosthetic replacement in joint of wrist or hand

NDE Operations on capsules and ligaments of joints of wrist and hand

Complex corrections of deformity, see: NDT

Removal of foreign body, see: NDT 09

Key to last digit of NDE codes:

- 1 Arthroscopic
- 2 Open

- NDE 0y Incision or suture of capsule of joint of wrist or hand
- NDE 1y Transcision or excision of ligament of wrist or hand
- NDE 2y Suture or reinsertion of ligament of wrist or hand
- NDE 3y Transposition of ligament of wrist or hand
- NDE 4y Plastic repair of ligament of wrist or hand not using prosthetic material
- NDE 5y Plastic repair of ligament of wrist or hand using prosthetic material
- NDE 9y Other operation on capsule or ligament of joint of wrist or hand

NDF Operations on synovia and joint surfaces of wrist and hand

Key to last digit of NDF codes:

- 1 Arthroscopic
- 2 Open

- NDF 0y Total synovectomy of joint of wrist or hand
- NDF 1y Partial synovectomy of joint of wrist or hand
Includes: Excision of synovial plica
- NDF 2y Fixation of fragment of surface of joint of wrist or hand
Includes: Of fragment of cartilage or cartilage and bone
Includes: In osteochondritis or traumatic lesion
- NDF 3y Partial excision of cartilage of joint of wrist or hand
- NDF 9y Other operation on synovia or joint surface of wrist or hand

NDG *Excision, reconstruction and fusion of joint of wrist and hand**Prosthetic replacement, see: NDB and NDC***Key to last digit of NDG codes:**

- 0 Radiocarpal joint
- 1 Intercarpal joint
- 2 First carpometacarpal joint
- 3 Other carpometacarpal joint
- 4 First metacarpophalangeal joint
- 5 Other metacarpophalangeal joint
- 6 Interphalangeal joint
- 7 Other joint of hand

- NDG 0y Excision arthroplasty of wrist or hand
- NDG 1y Interposition arthroplasty of wrist or hand
- NDG 2y Other arthroplasty of wrist or hand without prosthetic replacement
- NDG 3y Fusion of joint of wrist or hand without fixation
- NDG 4y Fusion of joint of wrist or hand with internal fixation
- NDG 5y Fusion of joint of wrist or hand with external fixation
- NDG 9y Other excision, reconstruction or fusion of joint of wrist or hand

NDH *Miscellaneous operations on joint of wrist and hand**Includes: Reduction of dislocations**Mobilisation of joint, see: NDT***Key to last digit of NDH codes:**

- 0 Closed
- 1 Arthroscopic
- 2 Open

- NDH 0y Reduction of dislocation of joint of wrist
Excludes: Of dislocation of prosthesis
- NDH 1y Reduction of dislocation of other joint of hand
Excludes: Of dislocation of prosthesis
- NDH 2y Reduction of dislocation of joint prosthesis of wrist or hand
- NDH 3y Freeing of adhesions of joint of wrist or hand
- NDH 4y Removal of foreign or loose body from joint of wrist or hand
- NDH 5y Excision of intraarticular exostosis or osteophyte of joint of wrist or hand
- NDH 7y Operation for habitual dislocation of joint of wrist or hand
- NDH 9y Other operation on joint of wrist or hand
Excludes: All procedures included in NDB-NDG

NDJ *Fracture surgery of wrist and hand**Additional code for bone graft, see: NDN**Removal of implants, see: NDU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NDJ codes:**

- 0 Scaphoid
- 1 Other carpal bone
- 2 Metacarpal
- 3 Phalanx

- NDJ 0y Closed reduction of fracture of wrist or hand
- NDJ 1y Open reduction of fracture of wrist or hand
- NDJ 2y External fixation of fracture of wrist or hand
- NDJ 3y Internal fixation of fracture of wrist or hand using bioimplant
- NDJ 4y Internal fixation of fracture of wrist or hand using wire, rod, cerclage or pin
- NDJ 5y Internal fixation of fracture of wrist or hand using intramedullary nail
- NDJ 6y Internal fixation of fracture of wrist or hand using plate and screws
- NDJ 7y Internal fixation of fracture of wrist or hand using screws alone
- NDJ 8y Internal fixation of fracture of wrist or hand using other or combined methods
E.g.: Using sliding nail
- NDJ 9y Other fracture surgery of wrist or hand

NDK *Operations on bone of wrist and hand*

Additional code for bone graft, see: NDN

For infection, see: NDS

Complex corrections of deformity, see: NDT

Removal of foreign body, see: NDT 09

Key to last digit of NDK codes:

- 0 Scaphoid
- 1 Other carpal bone
- 2 Metacarpal
- 3 Phalanx

- NDK 0y Excision of fragment of bone of wrist or hand
Includes: Sequestrectomy
- NDK 1y Partial or total excision of bone of wrist or hand
Includes: Of exostosis not adjacent to joint
- NDK 2y Fenestration or forage of bone of wrist or hand
- NDK 3y Curettage of cyst of bone of wrist or hand
- NDK 4y Epiphysiodesis of wrist or hand
- NDK 5y Angulation, rotation or displacement osteotomy of wrist or hand
- NDK 6y Shortening or lengthening osteotomy of wrist or hand
- NDK 7y Bone transport operation of wrist or hand
- NDK 8y Traction lengthening of epiphyseal plate of wrist or hand
- NDK 9y Other operation on bone of wrist or hand

NDL *Operations on muscles and tendons of wrist and hand*

Removal of foreign body, see: NDT 09

Key to last digit of NDL codes:

- 0 Flexor tendon
- 1 Extensor tendon
- 2 Other tendon
- 9 Unspecified

- NDL 09 Freeing of muscle of wrist or hand
- NDL 19 Suture or plastic repair of muscle of wrist or hand
- NDL 29 Transposition of muscle of wrist or hand
- NDL 3y Myotomy or tenotomy of wrist or hand
- NDL 4y Suture or reinsertion of tendon of wrist or hand
- NDL 5y Tenolysis or tenosynovectomy of wrist or hand
- NDL 6y Tenodesis, shortening or lengthening of tendon of wrist or hand
- NDL 7y Excision of muscle or tendon of wrist or hand
- NDL 8y Transposition of tendon of wrist or hand
- NDL 99 Other operation on muscle or tendon of wrist or hand

NDM Operations on fascia, ganglia, synovial sheaths and bursae of wrist and hand

Removal of foreign body, see: NDT 09

- NDM 09 Fasciotomy of wrist or hand
- NDM 19 Partial or total excision of fascia of wrist or hand
- NDM 29 Suture of fascia of wrist or hand
- NDM 39 Excision of synovial ganglion of wrist or hand
- NDM 49 Discission of sheath of tendon of wrist or hand
- NDM 59 Partial excision of sheath of tendon of wrist or hand
- NDM 69 Reconstruction of pulley of tendon of wrist or hand
- NDM 79 Excision of bursa of wrist or hand
- NDM 99 Other operation on fascia, ganglion, synovial sheath or bursa of wrist or hand

NDN Transplantation to wrist and hand

Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ

Tissue procurement for transplantation, see: Chapter Y

- NDN 09 Autograft of bone to wrist or hand
- NDN 19 Allograft of bone to wrist or hand
- NDN 29 Xenograft of bone to wrist or hand
- NDN 39 Transplantation of tendon to wrist or hand
Free graft of tendon, see: ZZB
- NDN 49 Transplantation of cartilage, periosteum or fascia to wrist or hand
Free graft, see: ZZ
- NDN 99 Other transplantation in surgery of wrist or hand to wrist or hand

NDP Replantation and autotransplantation to wrist and hand

- NDP 09 Replantation of digit
Classified according to recipient site
- NDP 19 Autotransplantation or transposition of digit
Classified according to recipient site
In situ pollicisation of finger, see: NDT 69
- NDP 29 Replantation of hand

NDQ *Amputation and related operations in wrist and hand***Key to last digit of NDQ codes:**

- 0 Radiocarpal joint
- 1 Of carpal region
- 2 Carpometacarpal joint
- 3 Thumb, total
- 4 Thumb, partial
- 5 Other fingers, total
- 6 Other fingers, partial

- NDQ 0y Exarticulation in wrist or hand
- NDQ 1y Amputation in wrist or hand
- NDQ 2y Revision of amputation or exarticulation stump in wrist or hand
- NDQ 99 Other amputation or related operation in wrist or hand

NDR *Operations for tumours of wrist and hand*

- NDR 09 Incomplete excision of soft tissue tumour of wrist or hand
- NDR 19 Complete excision of soft tissue tumour of wrist or hand
- NDR 29 Extended excision of soft tissue tumour of wrist or hand
- NDR 39 Block excision of soft tissue tumour of wrist or hand
- NDR 49 Incomplete excision of tumour of bone or cartilage of wrist or hand
- NDR 59 Complete excision of tumour of bone or cartilage of wrist or hand
- NDR 69 Extended excision of tumour of bone or cartilage of wrist or hand
- NDR 79 Block excision of tumour of bone or cartilage of wrist or hand
- NDR 99 Other operation for tumour of wrist or hand

NDS *Operations for infection of tendons, joints and bone of wrist and hand**Includes: Drainage**Sequestrectomy, see: NDK*

- NDS 09 Incision and debridement of infection of tendon of wrist or hand
- NDS 19 Incision and debridement of infection of joint of wrist or hand
- NDS 29 Incision and debridement of infection of bone of wrist or hand
- NDS 39 Incision and debridement of infection of tendon of wrist or hand with introduction of therapeutic agent
- NDS 49 Incision and debridement of infection of joint of wrist or hand with introduction of therapeutic agent
- NDS 59 Incision and debridement of infection of bone of wrist or hand with introduction of therapeutic agent
- NDS 99 Other operation for infection of tendon, joint or bone of wrist or hand

NDT *Miscellaneous operations on wrist and hand*

- NDT 09 Removal of foreign body from tissue of wrist or hand
 NDT 19 Forcible manipulation of joint of wrist or hand
 NDT 39 Correction of deformity of wrist or hand using muscle, tendon or ligament
 NDT 49 Correction of deformity of wrist or hand using external or internal fixation
 NDT 69 Pollicisation
 In situ pollicisation of other finger
 Transfer of digit, see: NDP 19
 NDT 79 Phalangisation of metacarpal
 Transfer of digit, see: NDP 19
 NDT 99 Other operation on wrist or hand
 Excludes: All procedures included in NDB-NDS or NDU

NDU *Removal of implants and external fixation devices from wrist and hand***Key to last digit of NDU codes:**

- 0 All parts
 1 Single part – proximal
 2 Single part – distal
 3 Single part – other
 9 Other or unspecified

- NDU 0y Removal of partial prosthesis from joint of wrist
 NDU 1y Removal of total prosthesis from joint of wrist
 NDU 2y Removal of prosthesis from other joint of hand
 NDU 39 Removal of external fixation device from wrist or hand
 NDU 49 Removal of internal fixation device from wrist or hand
 NDU 69 Removal of prosthetic ligament from wrist or hand
 NDU 89 Removal of therapeutic implant in treatment of infection or wrist or hand
 NDU 99 Removal of other implant from wrist or hand

NDW *Reoperations on wrist and hand*

- Removal of implants, see: NDU*
Revision of amputation stump, see: NDQ
 NDW 49 Repair of wound dehiscence in surgery of wrist or hand
 NDW 59 Reoperation for superficial infection in surgery of wrist or hand
 Includes: For wound infection
 NDW 69 Reoperation for deep infection in surgery of wrist or hand
 For infection at the site of target structures
 NDW 79 Reoperation for superficial haemorrhage in surgery of wrist or hand
 Includes: For wound haemorrhage or haematoma
 NDW 89 Reoperation for deep haemorrhage in surgery of wrist or hand
 For haemorrhage or haematoma at the site of target structures
 NDW 99 Other reoperation in surgery of wrist or hand

NE Pelvis*Includes: Sacrum and coccyx***NEA Exploratory procedures on pelvis***Includes: Diagnostic arthroscopy, biopsy
Biopsy of integumentary system, see: Chapter Q
For infection of tendons, joints or bone, see: NES***Key to last digit of NEA codes:**

0 Percutaneous

1 Arthroscopic

2 Open

NEA 0y Exploration of soft tissue of pelvis

NEA 1y Exploration of joint of pelvis

Includes: Diagnostic arthroscopy

NEA 2y Biopsy of soft tissue or joint of pelvis

NEA 3y Biopsy of bone of pelvis

NEB Primary prosthetic replacement of joint of pelvis

NEB 99 Primary partial prosthetic replacement of joint of pelvis

NEC Secondary prosthetic replacement of joint of pelvis*Second or later implantation of prosthesis or part of prosthesis**Removal of prosthesis, see: NEU**Reduction of dislocation of prosthesis, see: NEH*

NEC 99 Secondary implantation of prosthesis in joint of pelvis

*Excludes: Of component of total prosthesis***NEE Operations on capsules and ligaments of joint of pelvis***Complex corrections of deformity, see: NET**Removal of foreign body, see: NET 09*

NEE 99 Operation on capsule or ligament of joint of pelvis

NEF Operations on synovia and surfaces of joint of pelvis

NEF 99 Operation on synovia or surface of joint of pelvis

NEG Excision, reconstruction and fusion of joint of pelvis*Prosthetic replacement, see: NEB and NEC*

NEG 09 Excision arthroplasty of joint of pelvis

NEG 19 Interposition arthroplasty of joint of pelvis

NEG 29 Other arthroplasty of joint of pelvis without prosthetic replacement

NEG 39 Fusion of joint of pelvis without fixation

NEG 49 Fusion of joint of pelvis with internal fixation

NEG 59 Fusion of joint of pelvis with external fixation

NEG 99 Other excision, reconstruction or fusion of joint of pelvis

NEH *Miscellaneous operations on joint of pelvis**Includes: Reduction of dislocations**Mobilisation of joint, see: NET*

NEH 09 Reduction of dislocation of joint of pelvis

Excludes: Of dislocation of prosthesis

NEH 29 Reduction of dislocation prosthesis of joint of pelvis

NEH 99 Other operation on joint of pelvis

*Excludes: All procedures included in NEB-NEG***NEJ** *Fracture surgery of pelvis**Additional code for bone graft, see: NEN**Removal of implants, see: NEU**Immobilisation using plaster cast or splint alone, see: TN*

NEJ 09 Closed reduction of fracture of pelvis

NEJ 19 Open reduction of fracture of pelvis

NEJ 29 External fixation of fracture of pelvis

NEJ 39 Internal fixation of fracture of pelvis using bioimplant

NEJ 49 Internal fixation of fracture of pelvis using wire, rod, cerclage or pin

NEJ 69 Internal fixation of fracture of pelvis using plate and screws

NEJ 79 Internal fixation of fracture of pelvis using screws alone

NEJ 89 Internal fixation of fracture of pelvis using other or combined methods

E.g.: Using sliding nail

NEJ 99 Other fracture surgery of pelvis

NEK *Operations on bone of pelvis**Additional code for bone graft, see: NEN**For infection, see: NES**Complex corrections of deformity, see: NET**Removal of foreign body, see: NET 09*

NEK 09 Excision of fragment of bone of pelvis

Includes: Sequestrectomy

NEK 19 Partial or total excision of bone of pelvis

Includes: Of exostosis not adjacent to joint

NEK 29 Fenestration or forage of bone of pelvis

NEK 39 Curettage of cyst of bone of pelvis

NEK 49 Epiphysiodesis of pelvis

NEK 59 Angulation, rotation or displacement osteotomy of pelvis

NEK 79 Bone transport operation of pelvis

NEK 89 Traction lengthening of epiphyseal plate of pelvis

NEK 99 Other operation on bone of pelvis

NEL *Operations on muscles and tendons of pelvis**Removal of foreign body, see: NET 09*

NEL 09 Freeing of muscle of pelvis

NEL 19 Suture or plastic repair of muscle of pelvis

NEL 29 Transposition of muscle of pelvis

NEL 79 Excision of muscle or tendon of pelvis

NEL 99 Other operation on muscle or tendon of pelvis

NEM *Operations on fascia, ganglia and bursae of pelvis**Removal of foreign body, see: NET 09*

NEM 99 Operation on fascia, ganglion or bursa of pelvis

NEN *Transplantation in pelvis**Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ**Tissue procurement for transplantation, see: Chapter Y*

NEN 09 Autograft of bone to pelvis

NEN 19 Allograft of bone to pelvis

NEN 29 Xenograft of bone to pelvis

NEN 49 Transplantation of cartilage, periosteum or fascia to pelvis
Free graft, see: ZZ

NEN 99 Other transplantation in surgery of pelvis

NEP *Replantation and autotransplantation in pelvis*

NEP 29 Replantation of extremity at level of pelvis

NEQ *Amputation and related operations on pelvis*

NEQ 19 Hemipelvectomy

NEQ 29 Revision of amputation or exarticulation stump of pelvis

NEQ 99 Other amputation in pelvis or related operation

NER *Operations for tumours of pelvis*

NER 09 Incomplete excision of soft tissue tumour of pelvis

NER 19 Complete excision of soft tissue tumour of pelvis

NER 29 Extended excision of soft tissue tumour of pelvis

NER 39 Block excision of soft tissue tumour of pelvis

NER 49 Incomplete excision of tumour of bone or cartilage of pelvis

NER 59 Complete excision of tumour of bone or cartilage of pelvis

NER 69 Extended excision of tumour of bone or cartilage of pelvis

NER 79 Block excision of tumour of bone or cartilage of pelvis

NER 99 Other operation for tumour of pelvis

NES *Operations for infection of tendons, joints and bone of pelvis**Includes: Drainage**Sequestrectomy, see: NEK*

NES 19 Incision and debridement of infection of joint of pelvis

NES 29 Incision and debridement of infection of bone of pelvis

NES 49 Incision and debridement of infection of joint of pelvis with introduction of therapeutic agent

NES 59 Incision and debridement of infection of bone of pelvis with introduction of therapeutic agent

NES 99 Other operation for infection of tendon, joint or bone of pelvis

NET *Miscellaneous operations on pelvis*

- NET 09 Removal of foreign body from tissue of pelvis
 NET 49 Correction of deformity of joint of pelvis using external or internal fixation
 NET 99 Other operation on pelvis
Excludes: All procedures included in NEB-NES or NEU

NEU *Removal of implants and external fixation devices from pelvis*

- NEU 19 Removal of total prosthesis from joint of pelvis
 NEU 39 Removal of external fixation device from pelvis
 NEU 49 Removal of internal fixation device from pelvis
 NEU 89 Removal of therapeutic implant in treatment of infection of pelvis
 NEU 99 Removal of other implant from pelvis

NEW *Reoperations on pelvis*

- Removal of implants, see: NEU*
Revision of amputation stump, see: NEQ
 NEW 49 Repair of wound dehiscence in surgery of pelvis
 NEW 59 Reoperation for superficial infection in surgery of pelvis
Includes: For wound infection
 NEW 69 Reoperation for deep infection in surgery of pelvis
For infection at the site of target structures
 NEW 79 Reoperation for superficial haemorrhage in surgery of pelvis
Includes: For wound haemorrhage or haematoma
 NEW 89 Reoperation for deep haemorrhage in surgery of pelvis
For haemorrhage or haematoma at the site of target structures
 NEW 99 Other reoperation in surgery of pelvis

NF Hip joint and thigh**NFA** *Exploratory procedures on hip and thigh*

- Includes: Diagnostic arthroscopy, biopsy*
Biopsy of integumentary system, see: Chapter Q
For infection of tendons, joints or bone, see: NFS

Key to last digit of NFA codes:

- 0 Percutaneous
 1 Arthroscopic
 2 Open
 NFA 0y Exploration of soft tissue of hip and thigh
 NFA 1y Exploration of hip joint
Includes: Diagnostic arthroscopy
 NFA 2y Biopsy of soft tissue or joint of hip and thigh
 NFA 3y Biopsy of bone of femur

NFB *Primary prosthetic replacement of hip joint*

Includes: Primary replacement after previous fracture treatment or other operation on joint
Additional code for bone graft, see: NFN

Prosthetic replacement of entire femur with proximal and distal joint surfaces, see: NFR 89

Key to last digit of NFB codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified

- NFB 0y Primary partial prosthetic replacement of hip joint not using cement
- NFB 1y Primary partial prosthetic replacement of hip joint using cement
- NFB 20 Primary total prosthetic replacement of hip joint not using cement
- NFB 30 Primary total prosthetic replacement of hip joint using hybrid technique
- NFB 40 Primary total prosthetic replacement of hip joint using cement
- NFB 59 Primary prosthetic interposition arthroplasty of hip joint
- NFB 99 Other primary prosthetic replacement of hip joint

NFC *Secondary prosthetic replacement of hip joint*

Second or later implantation of prosthesis or part of prosthesis
Removal of prosthesis, see: NFU

Reduction of dislocation of prosthesis, see: NFH

Key to last digit of NFC codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified

- NFC 0y Secondary implantation of partial prosthesis in hip joint not using cement
Excludes: Of component of total prosthesis
- NFC 1y Secondary implantation of partial prosthesis in hip joint using cement
Excludes: Of component of total prosthesis
- NFC 2y Secondary implantation of total prosthesis in hip joint not using cement
Includes: Of component of total prosthesis
- NFC 3y Secondary implantation of total prosthesis in hip joint using hybrid technique
Includes: Of component of total prosthesis
- NFC 4y Secondary implantation of total prosthesis in hip joint using cement
- NFC 59 Secondary implantation of interposition prosthesis in hip joint
- NFC 99 Other secondary prosthetic replacement in hip joint

NFE Operations on capsules and ligaments of hip joint*Complex corrections of deformity, see: NFT**Removal of foreign body, see: NFT 09***Key to last digit of NFE codes:**

1 Arthroscopic

2 Open

NFE 9y Operation on capsule or ligament of hip joint

NFF Operations on synovia and surfaces of hip joint**Key to last digit of NFF codes:**

1 Arthroscopic

2 Open

NFF 0y Total synovectomy of hip joint

NFF 1y Partial synovectomy of hip joint

Includes: Excision of synovial plica

NFF 2y Fixation of fragment of surface of hip joint

*Includes: Of fragment of cartilage or cartilage and bone**Includes: In osteochondritis or traumatic lesion*

NFF 3y Partial excision of joint cartilage of hip joint

NFF 9y Other operation on synovia or surface of hip joint

NFG Excision, reconstruction and fusion of hip joint*Prosthetic replacement, see: NFB and NFC*

NFG 09 Excision arthroplasty of hip joint

NFG 19 Interposition arthroplasty of hip joint

NFG 29 Other arthroplasty of hip joint without prosthetic replacement

NFG 39 Fusion of hip joint without fixation

NFG 49 Fusion of hip joint with internal fixation

NFG 59 Fusion of hip joint with external fixation

NFH Miscellaneous operations on hip joint*Includes: Reduction of dislocations**Mobilisation of joint, see: NFT***Key to last digit of NFH codes:**

0 Closed

1 Arthroscopic

2 Open

NFH 0y Reduction of dislocation of hip joint

Excludes: Of dislocation of prosthesis

NFH 2y Reduction of dislocation prosthesis of hip joint

NFH 3y Freeing of adhesions of hip joint

NFH 4y Removal of foreign or loose body from hip joint

NFH 5y Excision of intraarticular exostosis or osteophyte of hip joint

NFH 7y Operation for habitual dislocation of hip joint

NFH 9y Other operation on hip joint

Excludes: All procedures included in NFB-NFG

NFJ *Fracture surgery of femur**Additional code for bone graft, see: NFN**Removal of implants, see: NFU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NFJ codes:**

0 Neck of femur

1 Pertrochanteric

2 Subtrochanteric

3 Proximal femur, other

4 Body of femur

5 Distal femur

NFJ 0y Closed reduction of fracture of femur

NFJ 1y Open reduction of fracture of femur

NFJ 2y External fixation of fracture of femur

NFJ 3y Internal fixation of fracture of femur using bioimplant

NFJ 4y Internal fixation of fracture of femur using wire, rod, cerclage or pin

NFJ 5y Internal fixation of fracture of femur using intramedullary nail

NFJ 6y Internal fixation of fracture of femur using plate and screws

NFJ 7y Internal fixation of fracture of femur using screws alone

NFJ 8y Internal fixation of fracture of femur using other or combined methods

E.g.: Using sliding nail or screw

NFJ 9y Other fracture surgery of femur

NFK *Operations on femur**Additional code for bone graft, see: NFN**For infection, see: NFS**Complex corrections of deformity, see: NFT**Removal of foreign body, see: NFT 09*

NFK 09 Excision of fragment of bone of femur

Includes: Sequestrectomy

NFK 19 Partial or total excision of bone of femur

Includes: Of exostosis not adjacent to joint

NFK 29 Fenestration or forage of femur

NFK 39 Curettage of cyst of femur

NFK 49 Epiphysiodesis of femur

NFK 59 Angulation, rotation or displacement osteotomy of femur

NFK 69 Shortening or lengthening osteotomy of femur

NFK 79 Bone transport operation of femur

NFK 89 Traction lengthening of epiphyseal plate of femur

NFK 99 Other operation on bone of femur

NFL *Operations on muscles and tendons of hip and thigh**Removal of foreign body, see: NFT 09*

NFL 09 Freeing of muscle of hip or thigh

NFL 19 Suture or plastic repair of muscle of hip or thigh

NFL 29 Transposition of muscle of hip or thigh

NFL 39 Myotomy or tenotomy of hip or thigh

NFL 49 Suture or reinsertion of tendon of hip or thigh

Includes: Reconstruction of tendinous structures of inguinal canal in Gilmore's groin

- NFL 79 Excision of muscle or tendon of hip or thigh
 NFL 99 Other operation on muscle or tendon of hip or thigh
- NFM** *Operations on fascia, ganglia and bursae of hip and thigh*
Removal of foreign body, see: NFT 09
- NFM 09 Fasciotomy of thigh
 NFM 19 Partial or total excision of fascia of thigh
 NFM 29 Suture of fascia of thigh
 NFM 79 Excision of bursa of hip or thigh
 NFM 99 Other operation on fascia, ganglion or bursa of hip or thigh
- NFN** *Transplantation to hip and thigh*
Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ
Tissue procurement for transplantation, see: Chapter Y
- NFN 09 Autograft of bone to femur
 NFN 19 Allograft of bone to femur
 NFN 29 Xenograft of bone to femur
 NFN 39 Transplantation of tendon to hip or thigh
Free graft of tendon, see: ZZB
 NFN 49 Transplantation of cartilage, periosteum or fascia to hip or thigh
Free graft, see: ZZ
 NFN 99 Other transplantation in surgery of hip or thigh
- NFP** *Replantation and autotransplantation in hip and thigh*
- NFP 29 Replantation of extremity at level of hip or thigh
- NFQ** *Amputation and related operations on hip and femur*
- NFQ 09 Exarticulation of hip
 NFQ 19 Amputation of femur
 NFQ 29 Revision of exarticulation or amputation stump of hip or femur
 NFQ 99 Other amputation or related operation on hip or femur
- NFR** *Operations for tumours of hip and thigh*
- NFR 09 Incomplete excision of soft tissue tumour of hip or thigh
 NFR 19 Complete excision of soft tissue tumour of hip or thigh
 NFR 29 Extended excision of soft tissue tumour of hip or thigh
 NFR 39 Block excision of soft tissue tumour of hip or thigh
 NFR 49 Incomplete excision of tumour of bone or cartilage of hip joint or femur
 NFR 59 Complete excision of tumour of bone or cartilage of hip joint or femur
 NFR 69 Extended excision of tumour of bone or cartilage of hip joint or femur
 NFR 79 Block excision of tumour of bone or cartilage of hip joint or femur
 NFR 89 Total excision of femur with prosthetic replacement
Prosthetic replacement of entire bone with proximal and distal joint surfaces for tumour
 NFR 99 Other operation for tumour of hip or thigh

NFS Operations for infection of tendons, joints and bone of hip and thigh*Includes: Drainage**Sequestrectomy, see: NFK*

- NFS 19 Incision and debridement of infection of hip joint
- NFS 29 Incision and debridement of infection of femur
- NFS 49 Incision and debridement of infection of hip joint with introduction of therapeutic agent
- NFS 59 Incision and debridement of infection of femur with introduction of therapeutic agent
- NFS 99 Other operation for infection of tendon, joint or bone of hip or thigh

NFT Miscellaneous operations on hip or thigh

- NFT 09 Removal of foreign body from tissue of hip or thigh
- NFT 19 Forcible manipulation of hip joint
- NFT 39 Correction of deformity of hip joint or femur using muscle, tendon or ligament
- NFT 49 Correction of deformity of hip joint or femur using external or internal fixation
- NFT 99 Other operation on hip or thigh

*Excludes: All procedures included in NFB-NFS or NFU****NFU Removal of implants and external fixation devices from hip and femur*****Key to last digit of NFU codes:**

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 4 More than one, but not all parts
- 9 Other or unspecified

- NFU 0y Removal of partial prosthesis from hip joint
- NFU 1y Removal of total prosthesis from hip joint
- NFU 39 Removal of external fixation device from femur
- NFU 49 Removal of internal fixation device from femur
- NFU 89 Removal of therapeutic implant in treatment of infection of hip or femur
- NFU 99 Removal of other implant from hip joint or femur

NFW Reoperations on hip or thigh*Removal of implants, see: NFU**Revision of amputation stump, see: NFQ*

- NFW 49 Repair of wound dehiscence in surgery of hip or thigh
- NFW 59 Reoperation for superficial infection in surgery of hip or thigh
Includes: For wound infection
- NFW 69 Reoperation for deep infection in surgery of hip or thigh
For infection at the site of target structures
- NFW 79 Reoperation for superficial haemorrhage in surgery of hip or thigh
Includes: For wound haemorrhage or haematoma
- NFW 89 Reoperation for deep haemorrhage in surgery of hip or thigh
For haemorrhage or haematoma at the site of target structures
- NFW 99 Other reoperation in surgery of hip or thigh

NG Knee and lower leg**NGA** *Exploratory procedures on knee and lower leg**Includes: Diagnostic arthroscopy, biopsy of knee or lower leg**Biopsy of integumentary system, see: Chapter Q**For infection of tendons, joints or bone, see: NGS***Key to last digit of NGA codes:**

0 Percutaneous

1 Arthroscopic

2 Open

NGA 0y Exploration of soft tissue knee or lower leg

NGA 1y Exploration of knee joint

Includes: Diagnostic arthroscopy

NGA 2y Biopsy of soft tissue or joint of knee or lower leg

NGA 3y Biopsy of bone of knee or lower leg

NGB *Primary prosthetic replacement of knee joint**Includes: Primary replacement after previous fracture treatment or other operation on joint**Additional code for bone graft, see: NFN**Prosthetic replacement of entire femur with proximal and distal joint surfaces, see: NFR 89***Key to last digit of NGB codes:**

0 All parts

1 Medial compartment

2 Lateral compartment

3 Patello-femoral compartment

4 More than one, but not all parts

9 Other or unspecified

NGB 0y Primary partial prosthetic replacement of knee joint not using cement

NGB 1y Primary partial prosthetic replacement of knee joint using cement

NGB 20 Primary total prosthetic replacement of knee joint not using cement

NGB 30 Primary total prosthetic replacement of knee joint using hybrid technique

NGB 40 Primary total prosthetic replacement of knee joint using cement

NGB 59 Primary prosthetic interposition arthroplasty of knee joint

NGB 99 Other primary prosthetic replacement of knee joint

NGC *Secondary prosthetic replacement of knee joint**Second or later implantation of prosthesis or part of prosthesis**Removal of prosthesis, see: NGU**Reduction of dislocation of prosthesis, see: NGH***Key to last digit of NGC codes:**

0 All parts

1 Medial compartment

2 Lateral compartment

3 Patello-femoral compartment

4 More than one, but not all parts

9 Other or unspecified

- NGC 0y Secondary implantation of partial prosthesis in knee joint not using cement
Excludes: Of component of total prosthesis
- NGC 1y Secondary implantation of partial prosthesis in knee joint using cement
Excludes: Of component of total prosthesis
- NGC 2y Secondary implantation of total prosthesis in knee joint not using cement
Includes: Of component of total prosthesis
- NGC 3y Secondary implantation of total prosthesis in knee joint using hybrid technique
Includes: Of component of total prosthesis
- NGC 4y Secondary implantation of total prosthesis in knee joint using cement
- NGC 59 Secondary implantation of interposition prosthesis in knee joint
- NGC 99 Other secondary prosthetic replacement in knee joint

NGD *Operations on meniscus of knee**Removal of foreign body, see: NGT 09***Key to last digit of NGD codes:**

- 1 Arthroscopic
- 2 Open

- NGD 0y Total excision of meniscus of knee
- NGD 1y Partial excision of meniscus of knee
- NGD 2y Reinsertion of meniscus of knee
- NGD 9y Other operation on meniscus of knee

NGE *Operations on capsules and ligaments of knee joint**Complex corrections of deformity, see: NGT**Removal of foreign body, see: NGT 09***Key to last digit of NGE codes:**

- 1 Anterior cruciate, open
- 2 Posterior cruciate, open
- 3 Medial collateral
- 4 Lateral collateral
- 5 Anterior cruciate, arthroscopic
- 6 Posterior cruciate, arthroscopic
- 9 Other

- NGE 09 Incision or suture of capsule of knee joint
- NGE 1y Transcision or excision of ligament of knee
- NGE 2y Suture or reinsertion of ligament of knee
- NGE 3y Transposition of ligament of knee
- NGE 4y Plastic repair of ligament of knee not using prosthetic material
- NGE 5y Plastic repair of ligament of knee using prosthetic material
- NGE 9y Other operation on capsule or ligament of knee

NGF *Operations on synovia and joint surfaces of knee***Key to last digit of NGF codes:**

- 1 Arthroscopic
- 2 Open

- NGF 0y Total synovectomy of knee
- NGF 1y Partial synovectomy of knee
Includes: Excision of synovial plica
- NGF 2y Suture or reinsertion of ligament of knee
Includes: Of fragment of cartilage or cartilage and bone
Includes: In osteochondritis or traumatic lesion
- NGF 3y Partial excision of joint cartilage of knee
- NGF 9y Other operation on synovia or joint surface of knee

NGG *Excision, reconstruction and fusion of knee joint**Prosthetic replacement, see: NGB and NGC*

- NGG 09 Excision arthroplasty of knee
- NGG 19 Interposition arthroplasty of knee
- NGG 29 Other arthroplasty of knee without prosthetic replacement
- NGG 39 Fusion of knee joint without fixation
- NGG 49 Fusion of knee joint with internal fixation
- NGG 59 Fusion of knee joint with external fixation
- NGG 99 Other excision, reconstruction or fusion of knee joint

NGH *Miscellaneous operations on knee joint**Includes: Reduction of dislocations**Mobilisation of joint, see: NGT***Key to last digit of NGH codes:**

- 0 Closed
- 1 Arthroscopic
- 2 Open

- NGH 0y Reduction of dislocation of knee joint
Excludes: Of dislocation of prosthesis
- NGH 1y Reduction of dislocation of patella
Excludes: Of dislocation of prosthesis
- NGH 2y Reduction of dislocation of prosthesis of knee joint
- NGH 3y Freeing of adhesions of knee joint
- NGH 4y Removal of foreign or loose body from knee joint
- NGH 5y Excision of intraarticular exostosis or osteophyte of knee
- NGH 7y Operation for habitual dislocation of knee joint
Includes: For habitual dislocation of patella
- NGH 9y Other operation on knee joint
Excludes: All procedures included in NGB-NGG

NGJ *Fracture surgery of knee and lower leg**Additional code for bone graft, see: NGN**Removal of implants, see: NGU**Immobilisation using plaster cast or splint alone, see: TN***Key to last digit of NGJ codes:**

0 Patella

1 Proximal tibia

2 Body of tibia

3 Fibula

9 Other or unspecified

NGJ 0y Closed reduction of fracture of knee or lower leg

NGJ 1y Open reduction of fracture of knee or lower leg

NGJ 2y External fixation of fracture of knee or lower leg

NGJ 3y Internal fixation of fracture of knee or lower leg using bioimplant

NGJ 4y Internal fixation of fracture of knee or lower leg using wire, rod, cerclage or pin

NGJ 5y Internal fixation of fracture of knee or lower leg using intramedullary nail

NGJ 6y Internal fixation of fracture of knee or lower leg using plate and screws

NGJ 7y Internal fixation of fracture of knee or lower leg using screws alone

NGJ 8y Internal fixation of fracture of knee or lower leg using other or combined methods

E.g.: Using sliding nail

NGJ 9y Other fracture surgery of knee or lower leg

NGK *Operations on bone of knee and lower leg**Additional code for bone graft, see: NGN**For infection, see: NGS**Complex corrections of deformity, see: NGT**Removal of foreign body, see: NGT 09*

NGK 09 Excision of fragment of bone of knee or lower leg

Includes: Sequestrectomy

NGK 19 Partial or total excision of bone of knee or lower leg

Includes: Of exostosis not adjacent to joint

NGK 29 Fenestration or forage of bone of knee or lower leg

NGK 39 Curettage of cyst of bone of knee or lower leg

NGK 49 Epiphysiodesis of knee or lower leg

NGK 59 Angulation, rotation or displacement osteotomy of knee or lower leg

NGK 69 Shortening or lengthening osteotomy of knee or lower leg

NGK 79 Bone transport operation of knee or lower leg

NGK 89 Traction lengthening of epiphyseal plate of knee or lower leg

NGK 99 Other operation on bone of knee or lower leg

NGL *Operations on muscles and tendons of knee and lower leg**Removal of foreign body, see: NGT 09*

- NGL 09 Freeing of muscle of knee or lower leg
- NGL 19 Suture or plastic repair of muscle of knee or lower leg
- NGL 29 Transposition of muscle of knee or lower leg
- NGL 39 Myotomy or tenotomy of knee or lower leg
- NGL 49 Suture or reinsertion of tendon of knee or lower leg
- NGL 59 Tenolysis or tenosynovectomy of knee or lower leg
- NGL 69 Tenodesis, shortening or lengthening of tendon of knee or lower leg
- NGL 79 Excision of muscle or tendon of knee or lower leg
- NGL 89 Transposition of tendon of knee or lower leg
- NGL 99 Other operation on muscle or tendon of knee or lower leg

NGM *Operations on fascia, ganglia, and bursae of knee and lower leg**Removal of foreign body, see: NGT 09*

- NGM 09 Fasciotomy of knee or lower leg
- NGM 19 Partial or total excision of fascia of knee or lower leg
- NGM 29 Suture of fascia of knee or lower leg
- NGM 39 Excision of synovial ganglion of knee or lower leg
- NGM 79 Excision of bursa of knee or lower leg
- NGM 99 Other operation on fascia, ganglion, or bursa of knee or lower leg

NGN *Transplantation to knee and lower leg**Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ**Tissue procurement for transplantation, see: Chapter Y*

- NGN 09 Autograft of bone to knee or lower leg
- NGN 19 Allograft of bone to knee or lower leg
- NGN 29 Xenograft of bone to knee or lower leg
- NGN 39 Transplantation of tendon to knee or lower leg
Free graft of tendon, see: ZZB
- NGN 49 Transplantation of cartilage, periosteum or fascia to knee or lower leg
Free graft, see: ZZ
- NGN 99 Other transplantation in surgery of knee or lower leg

NGP *Replantation in knee and lower leg*

- NGP 29 Replantation of extremity at level of knee or lower leg

NGQ *Amputation and related operations of knee and lower leg*

- NGQ 09 Exarticulation of knee
- NGQ 19 Amputation of lower leg
- NGQ 29 Revision of exarticulation or amputation stump of knee or lower leg
- NGQ 99 Other amputation or related operation on knee or lower leg

NGR *Operations for tumours of knee and lower leg*

- NGR 09 Incomplete excision of soft tissue tumour of knee or lower leg
- NGR 19 Complete excision of soft tissue tumour of knee or lower leg
- NGR 29 Extended excision of soft tissue tumour of knee or lower leg
- NGR 39 Block excision of soft tissue tumour of knee or lower leg
- NGR 49 Incomplete excision of tumour of bone or cartilage of knee or lower leg
- NGR 59 Complete excision of tumour of bone or cartilage of knee or lower leg
- NGR 69 Extended excision of tumour of bone or cartilage of knee or lower leg
- NGR 79 Block excision of tumour of bone or cartilage of knee or lower leg
- NGR 99 Other operation for tumour of knee or lower leg

NGS *Operations for infection of tendons, joints and bone of knee and lower leg**Includes: Drainage**Sequestrectomy, see: NGK*

- NGS 09 Incision and debridement of infection of tendon of knee or lower leg
- NGS 19 Incision and debridement of infection of knee joint
- NGS 29 Incision and debridement of infection of bone of knee or lower leg
- NGS 39 Incision and debridement of infection of tendon of knee or lower leg with introduction of therapeutic agent
- NGS 49 Incision and debridement of infection of knee joint with introduction of therapeutic agent
- NGS 59 Incision and debridement of infection of bone of knee or lower leg with introduction of therapeutic agent
- NGS 99 Other operation for infection of tendon, joint or bone of knee or lower leg

NGT *Miscellaneous operations on knee and lower leg*

- NGT 09 Removal of foreign body from tissue of knee or lower leg
- NGT 19 Forcible manipulation of knee joint
- NGT 39 Correction of deformity of knee or lower leg using muscle, tendon or ligament
- NGT 49 Correction of deformity of knee or lower leg using external or internal fixation
- NGT 99 Other operation on knee or lower leg

*Excludes: All procedures included in NGB-NGS or NGU***NGU** *Removal of implants and external fixation devices from knee and lower leg***Key to last digit of NGU codes:**

- 0 All parts
- 1 Medial compartment
- 2 Lateral compartment
- 3 Patello-femoral compartment
- 4 More than one, but not all parts
- 9 Other or unspecified

- NGU 0y Removal of partial prosthesis from knee joint
- NGU 1y Removal of total prosthesis from knee joint
- NGU 39 Removal of external fixation device from knee or lower leg
- NGU 49 Removal of internal fixation device from knee or lower leg
- NGU 69 Removal of prosthetic ligament from knee or lower leg
- NGU 89 Removal of therapeutic implant in treatment of infection of knee or lower leg
- NGU 99 Removal of other implant from knee or lower leg

NGW Reoperations on knee and lower leg

Removal of implants, see: NGU

Revision of amputation stump, see: NGQ

NGW 49 Repair of wound dehiscence in surgery of knee or lower leg

NGW 59 Reoperation for superficial infection in surgery of knee or lower leg

Includes: For wound infection

NGW 69 Reoperation for deep infection in surgery of knee or lower leg

For infection at the site of target structures

NGW 79 Reoperation for superficial haemorrhage in surgery of knee or lower leg

Includes: For wound haemorrhage or haematoma

NGW 89 Reoperation for deep haemorrhage in surgery of knee or lower leg

For haemorrhage or haematoma at the site of target structures

NGW 99 Other reoperation in surgery of knee or lower leg

NH Ankle and foot

Includes: Achilles tendon

NHA Exploratory procedures on ankle and foot

Includes: Diagnostic arthroscopy, biopsy

Biopsy of integumentary system, see: Chapter Q

For infection of tendons, joints or bone, see: NHS

Key to last digit of NHA codes:

0 Percutaneous

1 Arthroscopic

2 Open

NHA 0y Exploration of soft tissue of ankle or foot

NHA 1y Exploration of joint of ankle or foot

Includes: Diagnostic arthroscopy

NHA 2y Biopsy of soft tissue or joint of ankle or foot

NHA 3y Biopsy of bone of ankle or foot

NHB Primary prosthetic replacement of joint of ankle and foot

Includes: Primary replacement after previous fracture treatment or other operation on joint

Additional code for bone graft, see: NHN

Key to last digit of NHB codes:

0 All parts

1 Single part – proximal

2 Single part – distal

3 Single part – other

9 Other or unspecified

- NHB 0y Primary partial prosthetic replacement of ankle joint not using cement
- NHB 1y Primary partial prosthetic replacement of ankle joint using cement
- NHB 20 Primary total prosthetic replacement of ankle joint not using cement
- NHB 30 Primary total prosthetic replacement of ankle joint using hybrid technique
- NHB 40 Primary total prosthetic replacement of ankle joint using cement
- NHB 59 Primary prosthetic interposition arthroplasty of ankle joint
- NHB 6y Primary prosthetic replacement of first metatarsophalangeal joint
- NHB 7y Primary prosthetic replacement of other metatarsophalangeal joint
- NHB 8y Primary prosthetic replacement of other joint of foot
- NHB 99 Other primary prosthetic replacement of joint of ankle or foot

NHC Secondary prosthetic replacement of joints of ankle and foot

Second or later implantation of prosthesis or part of prosthesis

Removal of prosthesis, see: NHU

Reduction of dislocation of prosthesis, see: NHH

Key to last digit of NHC codes:

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 9 Other or unspecified

- NHC 0y Secondary implantation of partial prosthesis in ankle joint not using cement
Excludes: Of component of total prosthesis
- NHC 1y Secondary implantation of partial prosthesis in ankle joint using cement
Excludes: Of component of total prosthesis
- NHC 2y Secondary implantation of total prosthesis in ankle joint not using cement
Includes: Of component of total prosthesis
- NHC 3y Secondary implantation of total prosthesis in ankle joint using hybrid technique
Includes: Of component of total prosthesis
- NHC 4y Secondary implantation of total prosthesis in ankle joint using cement
- NHC 59 Secondary implantation of interposition prosthesis in ankle joint
- NHC 6y Secondary prosthetic replacement of first metatarsophalangeal joint
- NHC 7y Secondary prosthetic replacement of other metatarsophalangeal joint
- NHC 8y Secondary prosthetic replacement in other joint of foot
- NHC 99 Other secondary prosthetic replacement in joint of ankle or foot

NHE Operations on capsules and ligaments of joints of ankle and foot

Complex corrections of deformity, see: NHT

Removal of foreign body, see: NHT 09

- NHE 09 Incision or suture of capsule of joint of ankle or foot
- NHE 19 Transcision or excision of ligament of ankle or foot
- NHE 29 Suture or reinsertion of ligament of ankle or foot
- NHE 39 Transposition of ligament of ankle or foot
- NHE 49 Plastic repair of ligament of ankle or foot not using prosthetic material
- NHE 59 Plastic repair of ligament of ankle or foot using prosthetic material
- NHE 99 Other operation on capsule or ligament of joint of ankle or foot

NHF *Operations on synovia and joint surfaces of ankle and foot***Key to last digit of NHF codes:**

- 1 Arthroscopic
- 2 Open

- NHF 0y Total synovectomy of joint of ankle or foot
- NHF 1y Partial synovectomy of joint of ankle or foot
Includes: Excision of synovial plica
- NHF 2y Fixation of fragment of surface of joint of ankle or foot
Includes: Of fragment of cartilage or cartilage and bone
Includes: In osteochondritis or traumatic lesion
- NHF 3y Partial excision of joint cartilage of ankle or foot
- NHF 9y Other operation on synovia or joint surface of ankle or foot

NHG *Excision, reconstruction and fusion of joints of ankle and foot**Prosthetic replacement, see: NHB and NHC***Key to last digit of NHG codes:**

- 0 Talocrural joint
 - 1 Subtalar joints
 - 2 Triple fusion
 - 3 Tarsal joints
 - 4 First tarsometatarsal joint
 - 5 Other tarsometatarsal joint
 - 6 First metatarsophalangeal joint
 - 7 Other metatarsophalangeal joint
 - 9 Other joint of foot
- NHG 0y Excision arthroplasty of ankle or foot
 - NHG 1y Interposition arthroplasty of ankle or foot
 - NHG 2y Other arthroplasty of ankle or foot without prosthetic replacement
 - NHG 3y Fusion of joint of ankle or foot without fixation
 - NHG 4y Fusion of joint of ankle or foot with internal fixation
 - NHG 5y Fusion of joint of ankle or foot with external fixation
 - NHG 9y Other excision, reconstruction or fusion of joint of ankle or foot

NHH *Miscellaneous operations on joints of ankle and foot**Includes: Reduction of dislocations**Mobilisation of joint, see: NHT***Key to last digit of NHH codes:**

- 0 Closed
- 1 Arthroscopic
- 2 Open

- NHH 0y Reduction of dislocation of ankle joint
Excludes: Of dislocation of prosthesis
- NHH 1y Reduction of dislocation of other joint of foot
Excludes: Of dislocation of prosthesis
- NHH 2y Reduction of dislocation of joint prosthesis of ankle or foot
- NHH 3y Freeing of adhesions of joint of ankle or foot
- NHH 4y Removal of foreign or loose body from joint of ankle or foot
- NHH 5y Excision of intraarticular exostosis or osteophyte of ankle or foot
- NHH 7y Operation for habitual dislocation of joint of ankle or foot
- NHH 9y Other operation on joint of ankle or foot
Excludes: All procedures included in NHB-NHG

NHJ Fracture surgery of ankle and foot

Additional code for bone graft, see: NHN

Removal of implants, see: NHU

Immobilisation using plaster cast or splint alone, see: TN

Key to last digit of NHJ codes:

- 0 Lateral malleolus
- 1 Medial malleolus
- 2 Both malleoli
- 3 Both malleoli and posterior margin
- 4 Talus
- 5 Calcaneus
- 6 Other tarsal bone
- 7 Metatarsal
- 8 Toe

- NHJ 0y Closed reduction of fracture of ankle or foot
- NHJ 1y Open reduction of fracture of ankle or foot
- NHJ 2y External fixation of fracture of ankle or foot
- NHJ 3y Internal fixation of fracture of ankle or foot using bioimplant
- NHJ 4y Internal fixation of fracture of ankle or foot using wire, rod, cerclage or pin
- NHJ 5y Internal fixation of fracture of ankle or foot using intramedullary nail
- NHJ 6y Internal fixation of fracture of ankle or foot using plate and screws
- NHJ 7y Internal fixation of fracture of ankle or foot using screws alone
- NHJ 8y Internal fixation of fracture of ankle or foot using other or combined methods
E.g.: Using sliding nail
- NHJ 9y Other fracture surgery of ankle or foot

NHK Operations on bone of ankle and foot

Additional code for bone graft, see: NHN

For infection, see: NHS

Complex corrections of deformity, see: NHT

Removal of foreign body, see: NHT 09

Key to last digit of NHK codes:

- 0 Lateral malleolus
- 1 Medial malleolus
- 2 Both malleoli
- 3 Both malleoli and posterior margin
- 4 Talus
- 5 Calcaneus
- 6 Other tarsal bone
- 7 Metatarsal
- 8 Toe

- NHK 0y Excision of fragment of bone of ankle or foot
Includes: Sequestrectomy
- NHK 1y Partial or total excision of bone of ankle or foot
Includes: Of exostosis not adjacent to joint
- NHK 2y Fenestration or forage of bone of ankle or foot
- NHK 3y Curettage of cyst of bone of ankle or foot
- NHK 4y Epiphysiodesis of ankle or foot
- NHK 5y Angulation, rotation or displacement osteotomy of ankle or foot
- NHK 6y Shortening or lengthening osteotomy of ankle or foot
- NHK 7y Bone transport operation of ankle or foot
- NHK 8y Traction lengthening of epiphyseal plate of ankle or foot
- NHK 9y Other operation on bone of ankle or foot

NHL *Operations on muscles and tendons of ankle and foot**Removal of foreign body, see: NHT 09*

- NHL 09 Freeing of muscle of ankle or foot
- NHL 19 Suture or plastic repair of muscle of ankle or foot
- NHL 29 Transposition of muscle of ankle or foot
- NHL 39 Myotomy or tenotomy of ankle or foot
- NHL 49 Suture or reinsertion of tendon of ankle or foot
- NHL 59 Tenolysis or tenosynovectomy of ankle or foot
- NHL 69 Tenodesis, shortening or lengthening of tendon of ankle or foot
- NHL 79 Excision of muscle or tendon of ankle or foot
- NHL 89 Transposition of tendon of ankle or foot
- NHL 99 Other operation on muscle or tendon of ankle or foot

NHM *Operations on fascia, ganglia, synovial sheaths and bursae of ankle and foot**Removal of foreign body, see: NHT 09*

- NHM 09 Fasciotomy of ankle or foot
- NHM 19 Partial or total excision of fascia of ankle or foot
- NHM 29 Suture of fascia of ankle or foot
- NHM 39 Excision of synovial ganglion of ankle or foot
- NHM 49 Discission of sheath of tendon of ankle or foot
- NHM 59 Partial excision of sheath of tendon of ankle or foot
- NHM 79 Excision of bursa of ankle or foot
- NHM 99 Other operation on fascia, ganglion, synovial sheath or bursa of ankle or foot

NHN Transplantation to ankle and foot

Additional codes for specification of free graft of muscle, tendon, fascia, periosteum, perichondrium or cartilage, free microvascular grafts, and flaps (including flaps of bone, muscle and skin), see: ZZ

Tissue procurement for transplantation, see: Chapter Y

- NHN 09 Autograft of bone to ankle or foot
- NHN 19 Allograft of bone to ankle or foot
- NHN 29 Xenograft of bone to ankle or foot
- NHN 39 Transplantation of tendon to ankle or foot
Free graft of tendon, see: ZZB
- NHN 49 Transplantation of cartilage, periosteum or fascia to ankle or foot
Free graft, see: ZZ
- NHN 99 Other transplantation in surgery of ankle or foot

NHP Replantation and autotransplantation in ankle and foot

- NHP 09 Replantation of toe
- NHP 19 Autotransplantation or transposition of toe
- NHP 29 Replantation of foot
- NHP 99 Other replantation in ankle or foot

NHQ Amputation and related operations on ankle and foot**Key to last digit of NHQ codes:**

- 0 Talocrural
- 1 Talocrural and malleoli (Syme)
- 2 Intertarsal
- 3 Tarsometatarsal
- 4 Transmetatarsal
- 5 Metatarsophalangeal
- 7 Toe, partial

- NHQ 0y Exarticulation of ankle or foot
- NHQ 1y Amputation of ankle or foot
- NHQ 2y Revision of amputation or exarticulation stump of ankle or foot
- NHQ 99 Other amputation or related operation on ankle or foot

NHR Operations for tumours of ankle and foot

- NHR 09 Incomplete excision of soft tissue tumour of ankle or foot
- NHR 19 Complete excision of soft tissue tumour of ankle or foot
- NHR 29 Extended excision of soft tissue tumour of ankle or foot
- NHR 39 Block excision of soft tissue tumour of ankle or foot
- NHR 49 Incomplete excision of tumour of bone or cartilage of ankle or foot
- NHR 59 Complete excision of tumour of bone or cartilage of ankle or foot
- NHR 69 Extended excision of tumour of bone or cartilage of ankle or foot
- NHR 79 Block excision of tumour of bone or cartilage of ankle or foot
- NHR 99 Other operation for tumour of ankle or foot

NHS *Operations for infection of tendons, joints and bone of ankle and foot**Includes: Drainage**Sequestrectomy, see: NHK*

- NHS 09 Incision and debridement of infection of tendon of ankle or foot
- NHS 19 Incision and debridement of infection of joint of ankle or foot
- NHS 29 Incision and debridement of infection of bone of ankle or foot
- NHS 39 Incision and debridement of infection of tendon of ankle or foot with introduction of therapeutic agent
- NHS 49 Incision and debridement of infection of joint of ankle or foot with introduction of therapeutic agent
- NHS 59 Incision and debridement of infection of bone of ankle or foot with introduction of therapeutic agent
- NHS 99 Other operation for infection of tendon, joint or bone of ankle or foot

NHT *Miscellaneous operations on ankle and foot*

- NHT 09 Removal of foreign body from tissue of ankle and foot
- NHT 19 Forcible manipulation of joint of ankle or foot
- NHT 39 Correction of deformity of ankle or foot using muscle, tendon or ligament
- NHT 49 Correction of deformity of ankle or foot using external or internal fixation
- NHT 99 Other operation on ankle or foot

*Excludes: All procedures included in NHB-NHS or NHU***NHU** *Removal of implants and external fixation devices from ankle and foot***Key to last digit of NHU codes:**

- 0 All parts
- 1 Single part – proximal
- 2 Single part – distal
- 3 Single part – other
- 4 More than one, but not all parts
- 9 Other or unspecified

- NHU 0y Removal of partial prosthesis from ankle joint
- NHU 1y Removal of total prosthesis from ankle joint
- NHU 2y Removal of prosthesis from other joint of foot
- NHU 39 Removal of external fixation device from ankle or foot
- NHU 49 Removal of internal fixation device from ankle or foot
- NHU 69 Removal of prosthetic ligament from ankle or foot
- NHU 89 Removal of therapeutic implant in treatment of infection of ankle or foot
- NHU 99 Removal of other implant from ankle or foot

NHW *Reoperations on ankle or foot**Removal of implants, see: NHU**Revision of amputation stump, see: NHQ*

- NHW 49 Repair of wound dehiscence in surgery of ankle or foot
- NHW 59 Reoperation for superficial infection in surgery of ankle or foot
Includes: For wound infection
- NHW 69 Reoperation for deep infection in surgery of ankle or foot
For infection at the site of target structures
- NHW 79 Reoperation for superficial haemorrhage in surgery of ankle or foot
Includes: For wound haemorrhage or haematoma
- NHW 89 Reoperation for deep haemorrhage in surgery of ankle or foot
For haemorrhage or haematoma at the site of target structures
- NHW 99 Other reoperation in surgery of ankle or foot

NX Procedures on other defined sites of musculoskeletal system**NXL** *Procedures on muscles and tendons of other defined sites of musculoskeletal system*

- NXL 00 Biopsy of muscle
From any muscle of musculoskeletal system

CHAPTER P

Peripheral vessels and lymphatic system

For structure of this chapter, see Appendix 1

PA Operations on arteries of aortic arch and branches

PAA *Exploration of arteries of aortic arch and branches*

Includes: Biopsy

- PAA 10 Exploration of brachiocephalic trunk
- PAA 20 Exploration of common carotid artery
- PAA 21 Exploration of internal carotid artery
- PAA 30 Exploration of subclavian artery
- PAA 99 Exploration of other arterial branch originating from aortic arch arteries

PAB *Ligature of arteries of aortic arch and branches*

- PAB 10 Ligature of brachiocephalic trunk
- PAB 20 Ligature of common carotid artery
- PAB 21 Ligature of internal carotid artery
- PAB 22 Ligature of external carotid artery
- PAB 30 Ligature of subclavian artery
- PAB 40 Ligature of vertebral artery
- PAB 99 Ligature of other arterial branch originating from aortic arch arteries

PAC *Suture of arteries of aortic arch and branches*

Includes: Removal of foreign body

Removal of stent, see: PAR

- PAC 10 Suture of brachiocephalic trunk
- PAC 20 Suture of common carotid artery
- PAC 21 Suture of internal carotid artery
- PAC 30 Suture of subclavian artery
- PAC 99 Suture of other arterial branch originating from aortic arch arteries

PAE *Thrombectomy or embolectomy of arteries of aortic arch and branches*

- PAE 10 Thrombectomy or embolectomy of brachiocephalic trunk
- PAE 25 Thrombectomy or embolectomy of carotid artery
- PAE 30 Thrombectomy or embolectomy of subclavian artery
- PAE 99 Thrombectomy or embolectomy of other arterial branch originating from aortic arch arteries

PAF ***Thrombendarterectomy of arteries of aortic arch and branches***

- PAF 10 Thrombendarterectomy of brachiocephalic trunk
- PAF 20 Thrombendarterectomy of common carotid artery
- PAF 21 Thrombendarterectomy of internal carotid artery
- PAF 22 Thrombendarterectomy of external carotid artery
- PAF 30 Thrombendarterectomy of subclavian artery
- PAF 40 Thrombendarterectomy of vertebral artery
- PAF 99 Thrombendarterectomy of other arterial branch originating from aortic arch arteries

PAG ***Operations for aneurysm of arteries of aortic arch and branches***

- PAG 10 Operation for aneurysm of brachiocephalic trunk
- PAG 20 Operation for aneurysm of common carotid artery
- PAG 21 Operation for aneurysm of internal carotid artery
- PAG 30 Operation for aneurysm of subclavian artery
- PAG 99 Operation for aneurysm of other arterial branch originating from aortic arch arteries

PAH ***Bypass from arteries of aortic arch and branches***

Bypass from aortic arch to carotid artery, see: PXH 10

- PAH 10 Bypass from brachiocephalic trunk
- PAH 20 Bypass from common carotid artery
- PAH 21 Bypass from internal carotid artery
- PAH 25 Bypass from carotid to subclavian artery
- PAH 30 Bypass from subclavian artery
- PAH 99 Bypass from other arterial branch originating from aortic arch arteries

PAJ ***Transposition of arteries of aortic arch and branches***

- PAJ 30 Transposition of subclavian artery
- PAJ 40 Transposition of vertebral artery
- PAJ 99 Transposition of other arterial branch originating from aortic arch arteries

PAK ***Reimplantation of arteries of aortic arch and branches***

- PAK 10 Reimplantation of arteries of brachiocephalic trunk
- PAK 20 Reimplantation of arteries of common carotid artery
- PAK 21 Reimplantation of arteries of internal carotid artery
- PAK 30 Reimplantation of arteries of subclavian artery
- PAK 40 Reimplantation of arteries of vertebral artery
- PAK 99 Reimplantation of arteries of other arterial branch originating from aortic arch arteries

PAM ***Closure of arteriovenous fistula of arteries of aortic arch and branches***

- PAM 21 Closure of arteriovenous fistula from internal carotid artery
- PAM 22 Closure of arteriovenous fistula from external carotid artery
- PAM 30 Closure of arteriovenous fistula from subclavian artery
- PAM 99 Closure of arteriovenous fistula from other arterial branch originating from aortic arch arteries

PAN *Plastic repair of arteries of aortic arch and branches*

- PAN 10 Plastic repair of brachiocephalic trunk
- PAN 20 Plastic repair of common carotid artery
- PAN 21 Plastic repair of internal carotid artery
- PAN 30 Plastic repair of subclavian artery
- PAN 40 Plastic repair of vertebral artery
- PAN 99 Plastic repair of other arterial branch originating from aortic arch arteries

PAP *Percutaneous plastic repair of arteries of aortic arch and branches*

- PAP 10 Percutaneous plastic repair of brachiocephalic trunk
- PAP 20 Percutaneous plastic repair of common carotid artery
- PAP 21 Percutaneous plastic repair of internal carotid artery
- PAP 30 Percutaneous plastic repair of subclavian artery
- PAP 99 Percutaneous plastic repair of other arterial branch originating from aortic arch arteries

PAQ *Insertion of stent into arteries of aortic arch and branches*

- PAQ 10 Insertion of stent into brachiocephalic trunk
- PAQ 20 Insertion of stent into common carotid artery
- PAQ 21 Insertion of stent into internal carotid artery
- PAQ 30 Insertion of stent into subclavian artery
- PAQ 99 Insertion of stent into other arterial branch originating from aortic arch arteries

PAR *Removal of stent from arteries of aortic arch and branches*

- PAR 10 Removal of stent from brachiocephalic trunk
- PAR 20 Removal of stent from common carotid artery
- PAR 21 Removal of stent from internal carotid artery
- PAR 30 Removal of stent from subclavian artery
- PAR 99 Removal of stent from other arterial branch originating from aortic arch arteries

PAT *Injection of therapeutic agent into or percutaneous occlusion of arteries of aortic arch and branches*

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

- PAT 30 Injection of therapeutic agent into or percutaneous occlusion of subclavian artery
- PAT 99 Injection of therapeutic agent into or percutaneous occlusion of other arterial branch originating from aortic arch arteries

PAU *Repair after previous reconstruction of arteries of aortic arch and branches*

- PAU 70 Exploration of previous reconstruction of arteries of aortic arch or branches
- PAU 74 Thrombectomy or embolectomy in bypass from carotid, subclavian or axillary artery
- PAU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from carotid, subclavian or axillary artery
- PAU 81 Closure of persisting arteriovenous fistula of bypass from carotid, subclavian or axillary artery
- PAU 88 Excision of bypass from carotid, subclavian or axillary artery
- PAU 99 Other repair after previous reconstruction of arterial branch originating from aortic arch arteries
Includes: Removal of foreign body
Removal of stent, see: PAR

PAW Other operations on arteries of aortic arch and branches

- PAW 23 Biopsy of temporal artery
- PAW 99 Other operation on arteries of aortic arch and branches

PB Operations on arteries of upper extremity

PBA Exploration of arteries of upper extremity

Includes: Biopsy

- PBA 10 Exploration of axillary artery
- PBA 20 Exploration of brachial artery
- PBA 30 Exploration of radial or ulnar artery
- PBA 99 Exploration of other artery of upper extremity

PBB Ligature of arteries of upper extremity

- PBB 10 Ligature of axillary artery
- PBB 20 Ligature of brachial artery
- PBB 30 Ligature of radial or ulnar artery
- PBB 99 Ligature of other artery of upper extremity

PBC Suture of arteries of upper extremity

Includes: Removal of foreign body

- PBC 10 Suture of axillary artery
- PBC 20 Suture of brachial artery
- PBC 30 Suture of radial or ulnar artery
- PBC 99 Suture of other artery of upper extremity

PBE Thrombectomy or embolectomy of arteries of upper extremity

- PBE 10 Thrombectomy or embolectomy of axillary artery
- PBE 20 Thrombectomy or embolectomy of brachial artery
- PBE 30 Thrombectomy or embolectomy of radial or ulnar artery
- PBE 99 Thrombectomy or embolectomy of other artery of upper extremity

PBF Thrombendarterectomy of arteries of upper extremity

- PBF 10 Thrombendarterectomy of axillary artery
- PBF 20 Thrombendarterectomy of brachial artery
- PBF 99 Thrombendarterectomy of other artery of upper extremity

PBG Operations for aneurysm of arteries of upper extremity

- PBG 10 Operation for aneurysm of axillary artery
- PBG 20 Operation for aneurysm of brachial artery
- PBG 99 Operation for aneurysm of other artery of upper extremity

PBH Bypass from arteries of upper extremity

- PBH 10 Bypass from axillary artery
- PBH 20 Bypass from brachial artery
- PBH 99 Bypass from other artery of upper extremity

PBL Construction of arteriovenous fistula from arteries of upper extremity

- PBL 10 Construction of arteriovenous fistula from axillary artery
- PBL 20 Construction of arteriovenous fistula from brachial artery
- PBL 30 Construction of arteriovenous fistula from radial or ulnar artery
- PBL 99 Construction of other arteriovenous fistula of upper extremity

PBM Closure of arteriovenous fistula of arteries of upper extremity

- PBM 10 Closure of arteriovenous fistula of axillary artery
- PBM 20 Closure of arteriovenous fistula of brachial artery
- PBM 30 Closure of arteriovenous fistula of radial or ulnar artery
- PBM 99 Closure of other arteriovenous fistula of upper extremity

PBN Plastic repair of arteries of upper extremity

- PBN 10 Plastic repair of axillary artery
- PBN 20 Plastic repair of brachial artery
- PBN 99 Plastic repair of other artery of upper extremity

PBP Percutaneous plastic repair of arteries of upper extremity

- PBP 10 Percutaneous plastic repair of axillary artery
- PBP 20 Percutaneous plastic repair of brachial artery
- PBP 99 Percutaneous plastic repair of other artery of upper extremity

PBQ Insertion of stent into arteries of upper extremity

- PBQ 10 Insertion of stent into axillary artery
- PBQ 20 Insertion of stent into brachial artery
- PBQ 99 Insertion of stent into other artery of upper extremity

PBR Removal of stent from arteries of upper extremity

- PBR 10 Removal of stent from axillary artery
- PBR 20 Removal of stent from brachial artery
- PBR 99 Removal of stent from other artery of upper extremity

PBT Injection of therapeutic agent into or percutaneous occlusion of arteries of upper extremity

Of surgically created arteriovenous fistula, see: PGU 87

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

- PBT 10 Injection of therapeutic agent into or percutaneous occlusion of axillary artery
- PBT 20 Injection of therapeutic agent into or percutaneous occlusion of brachial artery
- PBT 99 Injection of therapeutic agent into or percutaneous occlusion of other artery of upper extremity

PBU *Repair after previous reconstruction of arteries of upper extremity*

- PBU 70 Exploration of previous reconstruction of arteries of upper extremity
 PBU 74 Thrombectomy in arteriovenous fistula from artery of upper extremity
 PBU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from artery of upper extremity
 PBU 81 Closure of persisting arteriovenous fistula of bypass from artery of upper extremity
 PBU 82 Plastic repair of arteriovenous fistula from artery of upper extremity
 PBU 83 Percutaneous plastic repair of arteriovenous fistula from artery of upper extremity
 PBU 87 Injection of therapeutic substance into arteriovenous fistula from artery of upper extremity
 PBU 88 Excision of bypass from artery of upper extremity
 PBU 89 Ligature of bypass from artery of upper extremity
 PBU 99 Other repair after previous reconstruction of arteries of upper extremity
 Includes: Removal of foreign body

PBW *Other operations on arteries of upper extremity*

- PBW 99 Other operation on arteries of upper extremity

PC Operations on suprarenal abdominal aorta and visceral arteries

PCA *Exploration of visceral arteries*

Includes: Biopsy

- PCA 40 Exploration of renal artery
 PCA 99 Exploration of other visceral artery

PCB *Ligature of visceral arteries*

- PCB 20 Ligature of coeliac trunk and branches
 PCB 30 Ligature of superior mesenteric artery
 PCB 40 Ligature of renal artery
 PCB 99 Ligature of other visceral artery

PCC *Suture of suprarenal abdominal aorta and visceral arteries*

Includes: Removal of foreign body

Removal of stent, see: PCR

- PCC 10 Suture of suprarenal or juxtarenal abdominal aorta
 PCC 20 Suture of coeliac trunk and branches
 PCC 30 Suture of superior mesenteric artery
 PCC 40 Suture of renal artery
 PCC 99 Suture of other visceral artery

PCE *Thrombectomy or embolectomy of visceral arteries*

- PCE 30 Thrombectomy or embolectomy of superior mesenteric artery
 PCE 40 Thrombectomy or embolectomy of renal artery
 PCE 99 Thrombectomy or embolectomy of other visceral artery

PCF Thrombendarterectomy of visceral arteries

- PCF 20 Thrombendarterectomy of coeliac trunk and branches
- PCF 30 Thrombendarterectomy of superior mesenteric artery
- PCF 40 Thrombendarterectomy of renal artery
- PCF 99 Thrombendarterectomy of other visceral artery

PCG Operations for aneurysm of suprarenal abdominal aorta and visceral arteries

- PCG 10 Operation for aneurysm of supraceliac or juxtarenal abdominal aorta
- PCG 20 Operation for aneurysm of coeliac trunk and branches
- PCG 30 Operation for aneurysm of superior mesenteric artery
- PCG 40 Operation for aneurysm of renal artery
- PCG 99 Operation for aneurysm of other visceral artery

PCH Bypass from suprarenal abdominal aorta and visceral arteries

- PCH 10 Bypass from supraceliac or juxtarenal abdominal aorta
- PCH 20 Bypass from coeliac trunk and branches
- PCH 30 Bypass from superior mesenteric artery
- PCH 40 Bypass from renal artery
- PCH 99 Bypass from other visceral artery

PCJ Transposition of visceral arteries

- PCJ 30 Transposition of superior mesenteric artery
- PCJ 40 Transposition of renal artery
- PCJ 99 Transposition of other visceral artery

PCK Reimplantation of visceral arteries

- PCK 20 Reimplantation of coeliac trunk and branches
- PCK 30 Reimplantation of superior mesenteric artery
- PCK 40 Reimplantation of renal artery
- PCK 50 Reimplantation of inferior mesenteric artery
- PCK 99 Reimplantation of other visceral artery

PCN Plastic repair of visceral arteries

- PCN 20 Plastic repair of coeliac trunk and branches
- PCN 30 Plastic repair of superior mesenteric artery
- PCN 40 Plastic repair of renal artery
- PCN 99 Plastic repair of other visceral artery

PCP Percutaneous plastic repair of visceral arteries

- PCP 20 Percutaneous plastic repair of coeliac trunk and branches
- PCP 30 Percutaneous plastic repair of superior mesenteric artery
- PCP 40 Percutaneous plastic repair of renal artery
- PCP 99 Percutaneous plastic repair of other visceral artery

PCQ *Insertion of stent into suprarenal abdominal aorta and visceral arteries*

- PCQ 10 Insertion of stent into suprarenal abdominal aorta
- PCQ 20 Insertion of stent into coeliac trunk and branches
- PCQ 30 Insertion of stent into superior mesenteric artery
- PCQ 40 Insertion of stent into renal artery
- PCQ 99 Insertion of stent into other visceral artery

PCR *Removal of stent from suprarenal abdominal aorta and visceral arteries*

- PCR 10 Removal of stent from suprarenal abdominal aorta
- PCR 20 Removal of stent from coeliac trunk and branches
- PCR 30 Removal of stent from superior mesenteric artery
- PCR 40 Removal of stent from renal artery
- PCR 99 Removal of stent from other visceral artery

PCS *Endoscopic operation on visceral arteries*

- PCS 40 Endoscopic operation on renal artery
- PCS 99 Endoscopic operation on other visceral artery

PCT *Injection of therapeutic agent into or percutaneous occlusion of visceral arteries*

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

- PCT 20 Injection of therapeutic agent into or percutaneous occlusion of coeliac trunk and branches
- PCT 30 Injection of therapeutic agent into or percutaneous occlusion of superior mesenteric artery
- PCT 40 Injection of therapeutic agent into or percutaneous occlusion of renal artery
- PCT 99 Injection of therapeutic agent into or percutaneous occlusion of other visceral artery

PCU *Repair after previous reconstruction of suprarenal abdominal aorta and visceral arteries*

- PCU 70 Exploration of previous reconstruction of suprarenal abdominal aorta or visceral arteries
- PCU 74 Thrombectomy or embolectomy in bypass from suprarenal abdominal aorta and visceral arteries
- PCU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from suprarenal abdominal aorta and visceral arteries
- PCU 81 Closure of persisting arteriovenous fistula of bypass from suprarenal abdominal aorta and visceral arteries
- PCU 82 Plastic repair in bypass from suprarenal abdominal aorta and visceral arteries
- PCU 83 Percutaneous plastic repair in bypass from suprarenal abdominal aorta and visceral arteries
- PCU 84 Insertion of stent into bypass from suprarenal abdominal aorta and visceral arteries
- PCU 85 Removal of stent from bypass from suprarenal abdominal aorta and visceral arteries
- PCU 86 Endoscopic operation on bypass from suprarenal abdominal aorta and visceral arteries
- PCU 87 Injection of therapeutic agent into bypass from suprarenal abdominal aorta and visceral arteries
- PCU 99 Other repair after previous reconstruction of suprarenal abdominal aorta and visceral arteries
Includes: Removal of foreign body
Removal of stent, see: PCR

PCW *Other operations on suprarenal abdominal aorta and visceral arteries*
 PCW 99 Other operation on suprarenal abdominal aorta and visceral arteries

PD Operations on infrarenal abdominal aorta and iliac arteries and distal connections

PDA *Exploration of infrarenal abdominal aorta and iliac arteries*
Includes: Biopsy

PDA 10 Exploration of infrarenal abdominal aorta
 PDA 30 Exploration of iliac artery

PDC *Suture of infrarenal abdominal aorta and iliac arteries*
Includes: Removal of foreign body
Removal of stent, see: PDR

PDC 10 Suture of infrarenal abdominal aorta
 PDC 30 Suture of iliac artery

PDE *Thrombectomy or embolectomy of infrarenal abdominal aorta and iliac arteries*

PDE 10 Thrombectomy or embolectomy of infrarenal abdominal aorta
 PDE 30 Thrombectomy or embolectomy of iliac artery

PDF *Thrombendarterectomy of infrarenal abdominal aorta and iliac arteries*

PDF 10 Thrombendarterectomy of infrarenal abdominal aorta
 PDF 30 Thrombendarterectomy of iliac artery

PDG *Operations for aneurysm of infrarenal abdominal aorta and iliac arteries*

PDG 10 Operation on infrarenal abdominal aorta for aneurysm
 PDG 20 Bypass from aorta to iliac artery for aneurysm
 PDG 21 Bypass from aorta to bilateral iliac arteries for aneurysm
 PDG 22 Bypass from aorta to iliac and contralateral femoral artery for aneurysm
 PDG 23 Bypass from aorta to femoral artery for aneurysm
 PDG 24 Bypass from aorta to bilateral femoral arteries for aneurysm
 PDG 30 Operation on iliac artery for aneurysm
 PDG 35 Bypass from iliac to femoral artery for aneurysm
 PDG 99 Other operation for aneurysm of infrarenal abdominal aorta and iliac arteries

PDH *Bypass from infrarenal abdominal aorta and iliac arteries*

PDH 10 Bypass from infrarenal abdominal aorta
 PDH 20 Bypass from aorta to iliac artery
 PDH 21 Bypass from aorta to bilateral iliac arteries

- PDH 22 Bypass from aorta to iliac and contralateral femoral artery
- PDH 23 Bypass from aorta to femoral artery
- PDH 24 Bypass from aorta to bilateral femoral arteries
- PDH 30 Bypass from iliac artery
- PDH 35 Bypass from iliac to femoral artery
- PDH 99 Other bypass from abdominal aorta or iliac artery

PDN Plastic repair of infrarenal abdominal aorta and iliac arteries

- PDN 10 Plastic repair of infrarenal abdominal aorta
- PDN 30 Plastic repair of iliac artery

PDP Percutaneous plastic repair of infrarenal abdominal aorta and iliac arteries

- PDP 10 Percutaneous plastic repair of infrarenal abdominal aorta
- PDP 30 Percutaneous plastic repair of iliac artery

PDQ Insertion of stent into infrarenal abdominal aorta and iliac arteries

- PDQ 10 Insertion of stent into infrarenal abdominal aorta
- PDQ 30 Insertion of stent into iliac artery

PDR Removal of stent from infrarenal abdominal aorta and iliac arteries

- PDR 10 Removal of stent from infrarenal abdominal aorta
- PDR 30 Removal of stent from iliac artery

PDS Endoscopic operation on infrarenal abdominal aorta and iliac arteries

- PDS 10 Endoscopic operation on infrarenal abdominal aorta
- PDS 30 Endoscopic operation on iliac artery

PDT Injection of therapeutic agent into or percutaneous occlusion of infrarenal abdominal aorta and iliac arteries

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

- PDT 10 Injection of therapeutic agent into or percutaneous occlusion of infrarenal abdominal aorta
- PDT 30 Injection of therapeutic agent into or percutaneous occlusion of iliac artery

PDU Repair after previous reconstruction of infrarenal abdominal aorta and iliac arteries and distal connections

- PDU 70 Exploration of previous reconstruction of infrarenal abdominal aorta or iliac arteries and distal connections
- PDU 74 Thrombectomy or embolectomy in bypass from infrarenal abdominal aorta or iliac artery
- PDU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from infrarenal abdominal aorta or iliac artery
- PDU 81 Closure of persisting arteriovenous fistula of bypass from infrarenal abdominal aorta or iliac artery
- PDU 82 Plastic repair of bypass from infrarenal abdominal aorta or iliac artery
- PDU 83 Percutaneous plastic repair of bypass from infrarenal abdominal aorta or iliac artery

- PDU 84 Insertion of stent into bypass from infrarenal abdominal aorta or iliac artery
 PDU 85 Removal of stent from bypass from infrarenal abdominal aorta or iliac artery
 PDU 86 Endoscopic operation on bypass from infrarenal abdominal aorta or iliac artery
Includes: With use of ultrasound
 PDU 87 Injection of therapeutic agent into bypass from infrarenal abdominal aorta or iliac artery
 PDU 88 Excision of bypass from infrarenal abdominal aorta or iliac artery
 PDU 99 Other repair after previous reconstruction of infrarenal abdominal aorta and iliac arteries and distal connections
Includes: Removal of foreign body
Removal of stent, see: PDR

PDW Other operations on infrarenal abdominal aorta and iliac arteries and distal connections

- PDW 99 Other operation on infrarenal abdominal aorta and iliac arteries and distal connections

PE Operations on femoral artery with branches and connection to popliteal artery

Deviations from Nomina Anatomica according to common usage in vascular surgery of the lower extremity: Femoral artery signifies the femoral artery proximal to the departure of the deep femoral artery. Superficial femoral artery signifies the femoral artery distal to the departure of the deep femoral artery

PEA Exploration of femoral artery and branches

Includes: Biopsy

- PEA 10 Exploration of femoral artery
 PEA 11 Exploration of deep femoral artery
 PEA 12 Exploration of superficial femoral artery

PEC Suture of femoral artery and branches

Includes: Removal of foreign body

Removal of stent, see: PER

- PEC 10 Suture of femoral artery
 PEC 11 Suture of deep femoral artery
 PEC 12 Suture of superficial femoral artery

PEE Thrombectomy or embolectomy of femoral artery and branches

- PEE 10 Thrombectomy or embolectomy of femoral artery
 PEE 11 Thrombectomy or embolectomy of deep femoral artery
 PEE 12 Thrombectomy or embolectomy of superficial femoral artery

PEF Thrombendarterectomy of femoral artery and branches

- PEF 10 Thrombendarterectomy of femoral artery
 PEF 11 Thrombendarterectomy of deep femoral artery
 PEF 12 Thrombendarterectomy of superficial femoral artery

PEG Operation for aneurysm of femoral artery and branches

- PEG 10 Operation for aneurysm of femoral artery
 PEG 11 Operation for aneurysm of deep femoral artery
 PEG 12 Operation for aneurysm of superficial femoral artery

PEH Bypass from femoral artery and branches

- PEH 10 Bypass from femoral artery
 PEH 11 Bypass from deep femoral artery
 PEH 12 Bypass from superficial femoral artery
 PEH 20 Bypass from femoral to popliteal artery above knee
 PEH 30 Bypass from femoral artery to popliteal artery below knee

PEL Construction of arteriovenous fistula from femoral artery with branches

- PEL 10 Construction of arteriovenous fistula from femoral artery

PEM Closure of arteriovenous fistula of femoral artery with branches

- PEM 10 Closure of arteriovenous fistula of femoral artery

PEN Plastic repair of femoral artery and branches

- PEN 10 Plastic repair of femoral artery
 PEN 11 Plastic repair of deep femoral artery
 PEN 12 Plastic repair of superficial femoral artery

PEP Percutaneous plastic repair of femoral artery and branches

- PEP 10 Percutaneous plastic repair of femoral artery
 PEP 11 Percutaneous plastic repair of deep femoral artery
 PEP 12 Percutaneous plastic repair of superficial femoral artery

PEQ Insertion of stent into femoral artery and branches

- PEQ 10 Insertion of stent into femoral artery
 PEQ 11 Insertion of stent into deep femoral artery
 PEQ 12 Insertion of stent into superficial femoral artery

PER Removal of stent from femoral artery and branches

- PER 10 Removal of stent from femoral artery
 PER 11 Removal of stent from deep femoral artery
 PER 12 Removal of stent from superficial femoral artery

PES Endoscopic operation on femoral artery and branches

- PES 10 Endoscopic operation on femoral artery
- PES 11 Endoscopic operation on deep femoral artery
- PES 12 Endoscopic operation on superficial femoral artery

PET Injection of therapeutic agent into or percutaneous occlusion of femoral artery and branches and connection to popliteal artery

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

- PET 10 Injection of therapeutic agent into or percutaneous occlusion of femoral artery
- PET 11 Injection of therapeutic agent into or percutaneous occlusion of deep femoral artery
- PET 12 Injection of therapeutic agent into or percutaneous occlusion of superficial femoral artery

PEU Repair after previous reconstruction of femoral artery with branches and connection to popliteal artery

- PEU 70 Exploration of previous reconstruction of femoral artery with branches or connection to popliteal artery
- PEU 74 Thrombectomy or embolectomy of bypass from femoral to popliteal artery
- PEU 76 Operation for aneurysm of bypass from femoral to popliteal artery
- PEU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from femoral to popliteal artery
- PEU 81 Closure of persisting arteriovenous fistula of bypass from femoral to popliteal artery
- PEU 82 Plastic repair of bypass from femoral to popliteal artery
- PEU 83 Percutaneous plastic repair of bypass from femoral to popliteal artery
- PEU 84 Insertion of stent into bypass from femoral to popliteal artery
- PEU 85 Removal of stent from bypass from femoral to popliteal artery
- PEU 86 Endoscopic operation on bypass from femoral to popliteal artery
Includes: With use of ultrasound
- PEU 87 Injection of therapeutic agent into bypass from femoral to popliteal artery
- PEU 88 Excision of bypass from femoral to popliteal artery
- PEU 89 Ligature of bypass from femoral to popliteal artery
- PEU 99 Other repair after previous reconstruction of femoral artery with branches and connection to popliteal artery
Includes: Removal of foreign body
Removal of stent, see: PER

PEW Other operations on femoral artery with branches and connection to popliteal artery

- PEW 99 Other operation on femoral artery with branches and connection to popliteal artery

- PF** **Connection from femoral artery to infrapopliteal arteries and operations on popliteal artery and arteries of lower leg and foot**
Deviation from Nomina Anatomica according to common usage in vascular surgery of the lower extremity: Tibioperoneal trunk signifies the posterior tibial artery proximal to the departure of the peroneal artery. Proximal posterior tibial artery signifies the proximal part of the artery distal to the departure of the peroneal artery
- PFA** ***Exploration of popliteal artery and arteries of lower leg and foot***
PFA 10 Exploration of popliteal artery
Includes: Biopsy
PFA 30 Exploration of artery of lower leg or foot
- PFB** ***Ligature of popliteal artery and arteries of lower leg and foot***
PFB 10 Ligature of popliteal artery
PFB 30 Ligature of artery of lower leg or foot
- PFC** ***Suture of popliteal artery***
Includes: Removal of foreign body
Removal of stent, see: PFR
PFC 10 Suture of popliteal artery
- PFE** ***Thrombectomy or embolectomy of popliteal artery and arteries of lower leg and foot***
PFE 10 Thrombectomy or embolectomy of popliteal artery
PFE 30 Thrombectomy or embolectomy of artery of lower leg or foot
- PFG** ***Operation for aneurysm of popliteal artery***
PFG 10 Operation for aneurysm of popliteal artery
- PFH** ***Bypass from femoral artery to infrapopliteal arteries and from popliteal artery to arteries of lower leg and foot***
PFH 10 Bypass from popliteal artery
PFH 20 Bypass from femoral or popliteal artery to artery of lower leg
PFH 21 Bypass from femoral or popliteal artery to proximal anterior tibial artery
PFH 22 Bypass from femoral or popliteal artery to distal anterior tibial artery
PFH 23 Bypass from femoral or popliteal artery to tibioperoneal trunk
PFH 24 Bypass from femoral or popliteal artery to proximal posterior tibial artery
PFH 25 Bypass from femoral or popliteal artery to distal posterior tibial artery
PFH 26 Bypass from femoral or popliteal artery to proximal peroneal artery
PFH 27 Bypass from femoral or popliteal artery to distal peroneal artery
PFH 28 Bypass from femoral or popliteal artery to dorsal artery of foot
PFH 29 Bypass from femoral or popliteal artery to posterior tibial artery in foot
PFH 99 Other bypass from femoral artery to artery of lower leg or foot

PFL Construction of arteriovenous fistula in lower leg and foot

Includes: Concomitant with bypass procedure or venous thrombectomy

PFL 90 Construction of arteriovenous fistula in lower leg or foot

PFL 95 Modification of distal bypass anastomosis in lower leg or foot to enhance flow
Includes: With use of venous cuff, collar or patch, concomitant with bypass procedure

PFN Plastic repair of popliteal artery

PFN 10 Plastic repair of popliteal artery

PFP Percutaneous plastic repair of popliteal artery or artery of lower leg

PFP 10 Percutaneous plastic repair of popliteal artery

PFP 30 Percutaneous plastic repair of artery of lower leg

PFQ Insertion of stent into popliteal artery or artery of lower leg

PFQ 10 Insertion of stent into popliteal artery

PFQ 30 Insertion of stent into artery of lower leg

PFR Removal of stent from popliteal artery or artery of lower leg

PFR 10 Removal of stent from popliteal artery

PFR 30 Removal of stent from artery of lower leg

PFS Endoscopic operation on popliteal artery

PFS 10 Endoscopic operation on popliteal artery

PFT Injection of therapeutic agent into or percutaneous occlusion of popliteal artery or artery of lower leg

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

PFT 10 Injection of therapeutic agent into or percutaneous occlusion of popliteal artery

PFT 30 Injection of therapeutic agent into or percutaneous occlusion of artery of lower leg

PFU Repair after previous bypass from femoral or popliteal artery to infrapopliteal arteries and reconstruction of popliteal artery and arteries of lower leg and foot

PFU 70 Exploration of previous bypass from femoral or popliteal artery to infrapopliteal arteries or reconstruction of popliteal artery and arteries of lower leg and foot

PFU 74 Thrombectomy or embolectomy of bypass from femoral or popliteal artery to infrapopliteal arteries

PFU 76 Operation for aneurysm of bypass from femoral or popliteal artery to infrapopliteal arteries

PFU 80 Percutaneous closure of persisting arteriovenous fistula of bypass from femoral or popliteal artery to infrapopliteal arteries

PFU 81 Closure of persisting arteriovenous fistula of bypass from femoral or popliteal artery to infrapopliteal arteries

PFU 82 Plastic repair of bypass from femoral or popliteal artery to infrapopliteal arteries

PFU 83 Percutaneous plastic repair of bypass from femoral or popliteal artery to infrapopliteal arteries

- PFU 84 Insertion of stent into bypass from femoral or popliteal artery to infrapopliteal arteries
 PFU 85 Removal of stent from bypass from femoral or popliteal artery to infrapopliteal arteries
 PFU 86 Endoscopic operation on bypass from femoral or popliteal artery to infrapopliteal arteries
Includes: With use of ultrasound
 PFU 87 Injection of therapeutic agent into bypass from femoral or popliteal artery to infrapopliteal arteries
 PFU 88 Excision of bypass from femoral or popliteal artery to infrapopliteal arteries
 PFU 89 Ligature of bypass from femoral or popliteal artery to infrapopliteal arteries
 PFU 99 Other repair after previous bypass from femoral or popliteal artery to infrapopliteal arteries or reconstruction of popliteal artery and arteries of lower leg and foot
Includes: Removal of foreign body
Removal of stent, see: PFR

PFW Other connections from femoral artery to infrapopliteal arteries and operations on popliteal artery and arteries of lower leg and foot

- PFW 99 Other connection from femoral artery to infrapopliteal arteries or operations on popliteal artery and arteries of lower leg and foot

PG Extra-anatomic bypass operations

PGH Extra-anatomic bypass

- PGH 10 Bypass from axillary to contralateral axillary artery
 PGH 20 Bypass from axillary to iliac artery
 PGH 21 Bypass from axillary to bilateral iliac arteries
 PGH 22 Bypass from axillary to femoral artery
 PGH 23 Bypass from axillary to bilateral femoral arteries
 PGH 30 Bypass from iliac to contralateral femoral artery
 PGH 31 Bypass from iliac to femoral artery through obturator foramen
 PGH 40 Bypass from femoral to contralateral femoral artery
 PGH 99 Other extra-anatomic bypass

PGU Repair of extra-anatomic bypass

- PGU 70 Exploration of extra-anatomic bypass
 PGU 74 Thrombectomy or embolectomy of extra-anatomic bypass
 PGU 76 Operation for aneurysm of extra-anatomic bypass
 PGU 83 Percutaneous plastic repair of extra-anatomic bypass
 PGU 84 Insertion of stent into extra-anatomic bypass
 PGU 85 Removal of stent from extra-anatomic bypass
 PGU 86 Endoscopic operation on extra-anatomic bypass
Includes: With use of ultrasound
 PGU 87 Injection of therapeutic agent into extra-anatomic bypass
 PGU 88 Excision of extra-anatomic bypass
 PGU 89 Ligature of extra-anatomic bypass
 PGU 99 Other repair of extra-anatomic bypass
Includes: Removal of foreign body

PGW *Other extra-anatomic bypass operations*

PGW 99 Other extra-anatomic bypass operation

PH Operations on veins**PHB** *Ligature of veins**Includes: With division**Additional code for use of ultrasonographic imaging in haemodynamic corrective surgery of varices (CHIVA method), see: ZXM OO*

PHB 10 Ligature of long saphenous vein
 PHB 11 Ligature of veins of saphenofemoral junction
 PHB 12 Ligature of short saphenous vein
 PHB 13 Ligature of perforating veins of lower leg
 PHB 14 Ligature of perforating veins of thigh
 PHB 23 Ligature of iliac vein
 PHB 30 Ligature of inferior vena cava
 PHB 31 Ligature of renal vein
 PHB 32 Ligature of mesenteric or portal vein
 PHB 99 Ligature of other vein

PHC *Suture of veins**Includes: Removal of foreign body**Removal of stent, see: PHR*

PHC 22 Suture of femoral vein
 PHC 23 Suture of iliac vein
 PHC 30 Suture of inferior vena cava
 PHC 31 Suture of renal vein
 PHC 32 Suture of mesenteric or portal vein
 PHC 99 Suture of other vein

PHD *Resection of veins*

PHD 10 Resection of long saphenous vein
 PHD 11 Resection of veins of saphenofemoral junction
 PHD 12 Resection of short saphenous vein
 PHD 15 Resection of communicating veins of lower leg and thigh
 PHD 99 Resection of other vein

PHE *Thrombectomy of veins*

PHE 22 Thrombectomy of femoral vein
 PHE 23 Thrombectomy of iliac vein
 PHE 30 Thrombectomy of inferior vena cava
 PHE 31 Thrombectomy of renal vein
 PHE 99 Thrombectomy of other vein

PHH Bypass from veins

- PHH 21 Bypass from popliteal vein
- PHH 22 Bypass from femoral vein
- PHH 25 Bypass from iliac vein
- PHH 99 Bypass from other vein

PHJ Transposition of veins

- PHJ 22 Transposition of femoral vein
- PHJ 99 Transposition of other vein

PHN Plastic repair of veins

- PHN 21 Plastic repair of popliteal vein
- PHN 30 Plastic repair of inferior vena cava
- PHN 99 Plastic repair of other vein

PHP Percutaneous plastic repair of veins

- PHP 23 Percutaneous plastic repair of iliac vein
- PHP 99 Percutaneous plastic repair of other vein

PHQ Insertion of stent into veins

- PHQ 23 Insertion of stent into iliac vein
- PHQ 30 Insertion of stent into inferior vena cava
- PHQ 35 Insertion of stent into bypass from splanchnic to systemic vein
- PHQ 99 Insertion of stent into other vein

PHR Removal of stent from veins

- PHR 23 Removal of stent from iliac vein
- PHR 30 Removal of stent from inferior vena cava
- PHR 99 Removal of stent from other vein

PHS Endoscopic operations on veins

- PHS 13 Endoscopic interruption of perforating vein of lower leg
- PHS 14 Endoscopic interruption of perforating vein of thigh
- PHS 99 Other endoscopic operation on vein

PHT Injection of therapeutic agent into or percutaneous occlusion of veins

Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA

Additional code for energy source in endoluminal occlusion, see: ZXC

Additional code for use of ultrasonographic imaging, see: ZMA 00

- PHT 10 Injection of therapeutic agent into or percutaneous occlusion of long saphenous vein
- PHT 11 Injection of therapeutic agent into or percutaneous occlusion of veins of saphenofemoral junction
- PHT 12 Injection of therapeutic agent into or percutaneous occlusion of short saphenous vein
- PHT 15 Injection of therapeutic agent into or percutaneous occlusion of communicating veins of lower leg or thigh

- PHT 23 Injection of therapeutic agent into or percutaneous occlusion of iliac vein
 PHT 31 Injection of therapeutic agent into or percutaneous occlusion of renal vein
 PHT 99 Injection of therapeutic agent into or percutaneous occlusion of other vein

PHW Other operations on veins

- PHW 35 Portosystemic shunt or bypass
 PHW 99 Other operation on vein

PJ Operations on lymphatic system

PJA Exploration of lymph nodes

Includes: Biopsy

- PJA 10 Exploration of lymph nodes

PJB Ligature of lymphatic vessels

- PJB 20 Ligature of thoracic duct
 PJB 99 Ligature of other lymphatic vessel

PJD Excision and block dissection of lymph nodes

- PJD 41 Excision of cervical lymph nodes
 PJD 42 Excision of axillary lymph nodes
 PJD 43 Excision of aortic lymph nodes
 PJD 44 Excision of iliac lymph nodes
 PJD 45 Excision of inguinal lymph nodes
 PJD 51 Block dissection of cervical lymph nodes
 PJD 52 Block dissection of axillary lymph nodes
 PJD 53 Block dissection of aortic lymph nodes
 PJD 54 Block dissection of iliac lymph nodes
 PJD 55 Block dissection of inguinal lymph nodes
 PJD 63 Laparoscopic dissection of aortic lymph nodes
 PJD 64 Laparoscopic dissection of iliac lymph nodes
 PJD 97 Laparoscopic dissection of other lymph nodes
 PJD 98 Other block dissection of lymph nodes
 PJD 99 Excision of other lymph nodes

PJW Other operations on lymphatic system

- PJW 10 Incision of lymph node
 PJW 30 Lymphovenous shunt
 PJW 99 Other operation on lymphatic system

- PW** Reoperations on peripheral vessels and lymphatic system
- PWA** *Repair of wound dehiscence in surgery of peripheral vessels and lymphatic system*
- PWA 00 Repair of wound dehiscence in surgery of peripheral vessels and lymphatic system
- PWB** *Reoperation for superficial infection in surgery of peripheral vessels and lymphatic system*
- PWB 00 Reoperation for superficial infection in surgery of peripheral vessels and lymphatic system
Includes: Wound infection
- PWC** *Reoperation for deep infection in surgery of peripheral vessels and lymphatic system*
- PWC 00 Reoperation for deep infection in surgery of peripheral vessels and lymphatic system
Infection at the site of target structures
- PWD** *Reoperation for superficial haemorrhage in surgery of peripheral vessels and lymphatic system*
- PWD 00 Reoperation for superficial haemorrhage in surgery of peripheral vessels and lymphatic system
- PWE** *Reoperation for deep haemorrhage in surgery of peripheral vessels and lymphatic system*
- Haemorrhage or haematoma at the site of target structures*
- PWE 00 Reoperation for deep haemorrhage in surgery of peripheral vessels and lymphatic system
- PWF** *Reoperation for insufficiency of anastomosis or suture in surgery of peripheral vessels and lymphatic system*
- PWF 00 Reoperation for insufficiency of anastomosis or suture in surgery of peripheral vessels and lymphatic system
- PWG** *Reoperation for thrombosis or embolism in surgery of peripheral vessels and lymphatic system*
- PWG 00 Reoperation on peripheral vessels for thrombosis or embolism
- PWG 02 Angioscopic reoperation for thrombosis or embolism in surgery of peripheral vessels and lymphatic system
- PWH** *Reoperation for lymphocele in surgery of peripheral vessels and lymphatic system*
- PWH 00 Reoperation for lymphocele in surgery of peripheral vessels and lymphatic system
- PWW** *Other reoperation on peripheral vessels and lymphatic system*
- PWW 99 Other reoperation on peripheral vessels or lymphatic system

PX Procedures on other defined vascular sites

Includes: Procedures not specified according to regional groups PA-PH

PXB *Miscellaneous procedures on arteries and veins of upper extremity*

PXB 00 Extracorporeal circulation of upper extremity using heart-lung assist device

PXC *Miscellaneous procedures on hepatic artery and vein*

PXC 00 Extracorporeal circulation of liver using heart-lung assist device

PXE *Miscellaneous procedures on arteries and veins of lower extremity*

PXE 00 Extracorporeal circulation of lower extremity using heart-lung assist device

PXH *Bypass involving other defined vascular sites*

PXH 10 Bypass from aortic arch to carotid artery

PXX *Miscellaneous procedures on other defined vascular sites*

PXX 00 Extracorporeal circulation of whole body using heart-lung assist device

In heart surgery, see: FX

CHAPTER Q

Skin

Includes: Subcutaneous tissue

Additional codes for specification of grafts and flaps, see: ZZ

Regions

- QA Head and neck
- QB Trunk
- QC Upper limb
- QD Lower limb
- QX Unspecified region

Procedures

- QxA Incision and biopsy
- QxB Procedures for wounds
- QxC Removal of foreign body from skin and miscellaneous locations
- QxD Procedures for burns
- QxE Excision and repair of lesions
- QxF Operations on hair-bearing skin
- QxG Operations for chronic ulcers and fistulae
- QxH Operations on nail
- QxJ Cosmetic operations
- QW Reoperations on skin

QA Head and neck

Operations involving deeper structures of nose, see: DH

Operations involving deeper structures of cheek, see: EK

QAA *Puncture, incision or local destruction of lesion of skin of head and neck*

- QAA 00 Puncture of skin of head or neck

Includes: Evacuation of haematoma, seroma etc. from skin or subcutaneous tissue

Biopsy, see: TQX 00, needle biopsy, see: TQX 10

- QAA 10 Incision of skin of head or neck
Includes: Drainage
- QAA 20 Dermabrasio or shaving of lesion of skin of head or neck
- QAA 30 Electrocoagulation of skin of head or neck
- QAA 40 Laser therapy or photocoagulation of skin of head or neck
- QAA 50 Cryotherapy of skin of head or neck
- QAA 99 Other local destruction of skin of head or neck

QAB *Procedures for wounds of skin of head and neck*

Excludes: Burns

- QAB 00 Suture of skin of head or neck
- QAB 05 Revision of wound of skin of head or neck
Includes: Excision, debridement and suture
Repair of resulting skin defect, see: QAE 35
- QAB 10 Major dressing of wound of skin of head or neck
Excludes: Dressing of burn
- QAB 99 Other procedure for wound of skin of head or neck

QAC *Removal of foreign body from skin of head and neck*

- QAC 00 Removal of foreign body from skin of head or neck

QAD *Procedures for burns of head and neck*

- QAD 00 Dressing of major burn of head or neck
- QAD 10 Debridement of burn of head or neck
Includes: Excision
- QAD 20 Excision and coverage of burn of head or neck
Additional codes for classification of grafts and flaps, see: ZZ

QAE *Excision and repair of lesion of skin of head and neck*

Includes: Of tumour, scar, web, defect or malformation of skin or subcutaneous tissue
Additional codes for classification of grafts and flaps, see: ZZ

- QAE 00 Excision of skin from head or neck
- QAE 05 Excision of sweat glands or sweat gland-bearing skin from head or neck
- QAE 10 Excision of lesion of skin of head or neck
- QAE 20 Excision and repair of scar or web of skin of head or neck
Excludes: Of lesions caused by burns or surgery
- QAE 25 Excision and repair of scar of head or neck caused by burn
- QAE 30 Excision and repair of surgical scar in head or neck
- QAE 35 Repair of skin defect in head or neck after surgery or injury
- QAE 40 Repair of anomaly or lesion after disease of skin of head or neck
- QAE 99 Other excision or repair of lesion of skin of head or neck

QAF ***Operations on scalp and eyebrow****Operation for ptosis of eyebrow, see: CBJ*

QAF 00 Hair-bearing graft of skin to scalp

Additional codes for e.g.: Use of punch grafts, skin expander, flaps, see: ZZ

QAF 10 Repair of eyebrow using hair-bearing graft of skin

QAF 99 Other operation on hair-bearing skin of head or neck

QAG ***Operations for chronic ulcers and fistulae of skin of head and neck***

QAG 20 Operation for chronic ulcer or fistula of skin of head or neck

QAG 30 Delayed skin closure of surgical wound in head or neck

Repair of wound dehiscence, see: Sections for reoperations in relevant chapters

QAG 99 Other operation for chronic ulcer or fistula of skin of head or neck

QAJ ***Aesthetic operations on skin of head and neck****On skin of eyelid, see: CBB*

QAJ 00 Liposuction in head or neck

QAJ 10 Browlift

QAJ 15 Browlift using video-endoscope

QAJ 20 Subperiosteal facelift

QAJ 25 Facelift using video-endoscope

QAJ 30 Other facelift

QAJ 35 Other correction of loose or redundant skin of head or neck

QAJ 99 Other aesthetic operations on skin of head or neck

QB **Trunk***Skin of scrotum and penis, see: KF, KG***QBA** ***Puncture, incision or local destruction of lesion of skin of trunk***

QBA 00 Puncture of skin of trunk

*Includes: Evacuation of haematoma, seroma etc. from skin or subcutaneous tissue**Biopsy, see: TQX 00, needle biopsy, see: TQX 10*

QBA 10 Incision of skin of trunk

*Includes: Drainage**Includes: Of pilonidal sinus*

QBA 20 Dermabrasio or shaving of lesion of skin of trunk

QBA 30 Electrocoagulation of skin of trunk

QBA 40 Laser therapy or photocoagulation of skin of trunk

QBA 50 Cryotherapy of skin of trunk

QBA 99 Other local destruction of skin of trunk

QBB *Procedures for wounds of skin of trunk**Excludes: Burns*

- QBB 00 Suture of skin of trunk
 QBB 05 Revision of wound of skin of trunk
Includes: Excision, debridement and suture
Repair of resulting skin defect, see: QBE 35
 QBB 10 Major dressing of wound of skin of trunk
Excludes: Dressing of burn
 QBB 99 Other procedure for wound of skin of trunk

QBC *Removal of foreign body from skin of trunk*

- QBC 00 Removal of foreign body from skin of trunk

QBD *Procedures for burns of trunk*

- QBD 00 Dressing of major burn of trunk
 QBD 10 Debridement of burn of trunk
Includes: Excision
 QBD 20 Excision and coverage of burn of trunk
Additional codes for classification of grafts and flaps, see: ZZ

QBE *Excision and repair of lesion of skin of trunk*

Includes: Of tumour, scar, web, defect or malformation of skin or subcutaneous tissue
Additional codes for classification of grafts and flaps, see: ZZ

- QBE 00 Excision of skin from trunk
 QBE 05 Excision of sweat glands or sweat gland-bearing skin of trunk
 QBE 10 Excision of lesion of skin of trunk
Includes: Of pilonidal sinus
 QBE 20 Excision and repair of scar or web of skin of trunk
Excludes: Of lesions caused by burns or surgery
 QBE 25 Excision and repair of scar of trunk caused by burn
 QBE 30 Excision and repair of surgical scar of trunk
 QBE 35 Repair of skin defect of trunk after surgery or injury
 QBE 40 Repair of anomaly or lesion after disease of skin of trunk
 QBE 99 Other excision or repair of lesion of skin of trunk

QBG *Operations for chronic ulcers and fistulae of skin of trunk*

- QBG 00 Debridement of bedsore of trunk
 QBG 10 Excision and repair of bedsore of trunk
 QBG 20 Operation for chronic ulcer or fistula of skin of trunk
 QBG 30 Delayed skin closure of surgical wound of trunk
Repair of wound dehiscence, see: Sections for reoperations in relevant chapters
 QBG 99 Other operation for chronic ulcer or fistula of skin of trunk

QBJ *Aesthetic operations on skin of trunk*

- QBJ 00 Liposuction in trunk
 QBJ 30 Correction of abdominal apron
 QBJ 99 Other aesthetic correction of skin of trunk

QC Upper limb**QCA** *Puncture, incision or local destruction of lesion of skin of upper limb*

- QCA 00 Puncture of skin of upper limb
Includes: Evacuation of haematoma, seroma etc. from skin or subcutaneous tissue
Biopsy, see: TQX 00, needle biopsy, see: TQX 10
- QCA 10 Incision of skin of upper limb
Includes: Drainage
- QCA 20 Dermabrasio or shaving of lesion of skin of upper limb
- QCA 30 Electrocoagulation of skin of upper limb
- QCA 40 Laser therapy or photocoagulation of skin of upper limb
- QCA 50 Cryotherapy of skin of upper limb
- QCA 99 Other local destruction of skin of upper limb

QCB *Procedures for wounds of skin of upper limb*

- Excludes: Burns*
- QCB 00 Suture of skin of upper limb
- QCB 05 Revision of wound of skin of upper limb
Includes: Excision, debridement and suture
Repair of resulting skin defect, see: QCE 35
- QCB 10 Major dressing of wound of skin of upper limb
Excludes: Dressing of burn
- QCB 99 Other procedure for wound of skin of upper limb

QCC *Removal of foreign body from skin of upper limb*

- QCC 00 Removal of foreign body from skin of upper limb

QCD *Procedures for burns of upper limb*

- QCD 00 Dressing of major burn of upper limb
- QCD 10 Debridement of burn of upper limb
Includes: Excision
- QCD 20 Excision and coverage of burn of upper limb
Additional codes for classification of grafts and flaps, see: ZZ

QCE *Excision and repair of lesion of skin of upper limb*

Includes: Of tumour, scar, web, defect or malformation of skin or subcutaneous tissue
Additional codes for classification of grafts and flaps, see: ZZ

- QCE 00 Excision of skin from upper limb
- QCE 05 Excision of sweat glands or sweat gland-bearing skin of upper limb
- QCE 10 Excision of lesion of skin of upper limb
- QCE 20 Excision and repair of scar or web of skin of upper limb
Excludes: Of lesions caused by burns or surgery
- QCE 25 Excision and repair of scar of upper limb caused by burn
- QCE 30 Excision and repair of surgical scar of upper limb
- QCE 35 Repair of skin defect of upper limb after surgery or injury
- QCE 40 Repair of anomaly or lesion after disease of skin of upper limb
- QCE 99 Other excision or repair of lesion of skin of upper limb

QCG *Operations for chronic ulcers and fistulae of skin of upper limb*

- QCG 20 Operation for chronic ulcer or fistula of skin of upper limb
- QCG 30 Delayed skin closure of surgical wound of upper limb
Repair of wound dehiscence, see: Sections for reoperations in all other body system chapters
- QCG 99 Other operation for chronic ulcer or fistula of skin of upper limb

QCH *Operations on finger nails*

- QCH 00 Avulsion of finger nail
- QCH 10 Excision of nail bed in finger
- QCH 20 Correction of deformity of finger nail
- QCH 30 Transplantation of nail to finger
Additional code for microsurgical technique, see: ZZ

QCJ *Aesthetic operations on skin of upper limb*

- QCJ 00 Liposuction in upper limb
- QCJ 05 Correction of loose or redundant skin of upper limb
- QCJ 99 Other aesthetic operations on skin of upper limb

QD Lower limb**QDA** *Puncture, incision or local destruction of lesion of skin of lower limb*

- QDA 00 Puncture of skin of lower limb
Includes: Evacuation of haematoma, seroma etc. from skin or subcutaneous tissue
Biopsy, see: TQX 00, needle biopsy, see: TQX 10
- QDA 10 Incision of skin of lower limb
Includes: Drainage
- QDA 20 Dermabrasio or shaving of lesion of skin of lower limb
- QDA 30 Electrocoagulation of skin of lower limb
- QDA 40 Laser therapy or photocoagulation of skin of lower limb
- QDA 50 Cryotherapy of skin of lower limb
- QDA 99 Other local destruction of skin of lower limb

QDB *Procedures for wounds of skin of lower limb**Excludes: Burns*

- QDB 00 Suture of skin of lower limb
- QDB 05 Revision of wound of skin of lower limb
Includes: Excision, debridement and suture
Repair of resulting skin defect, see: QDE 35
- QDB 10 Major dressing of wound of skin of lower limb
Excludes: Dressing of burn
- QDB 99 Other procedure for wound of skin of lower limb

QDC *Removal of foreign body from skin of lower limb*

- QDC 00 Removal of foreign body from skin of lower limb

QDD *Procedures for burns of lower limb*

- QDD 00 Dressing of major burn of lower limb
- QDD 10 Debridement of burn of lower limb
Includes: Excision
- QDD 20 Excision and coverage of burn of lower limb
Additional codes for classification of grafts and flaps, see: ZZ

QDE *Excision and repair of lesion of skin of lower limb**Includes: Of tumour, scar, web, defect or malformation of skin or subcutaneous tissue*
Additional codes for classification of grafts and flaps, see: ZZ

- QDE 00 Excision of skin from lower limb
- QDE 05 Excision of sweat glands or sweat gland-bearing skin of lower limb
- QDE 10 Excision of lesion of skin of lower limb
- QDE 20 Excision and repair of scar or web of skin of lower limb
Excludes: Of lesions caused by burns or surgery
- QDE 25 Excision and repair of scar of lower limb caused by burn
- QDE 30 Excision and repair of surgical scar of lower limb
- QDE 35 Repair of skin defect of lower limb after surgery or injury
- QDE 40 Repair of anomaly or lesion after disease of skin of lower limb
- QDE 99 Other excision or repair of lesion of skin of lower limb

QDG *Operations for chronic ulcers and fistulae of skin of lower limb*

- QDG 00 Debridement of bedsore of lower limb
- QDG 10 Excision and repair of bedsore of lower limb
- QDG 20 Operation for chronic ulcer or fistula of skin of lower limb
Includes: For leg ulcer
- QDG 30 Delayed skin closure of surgical wound of lower limb
Repair of wound dehiscence, see: Sections for reoperations in relevant chapters
- QDG 99 Other operation for chronic ulcer or fistula of skin of lower limb

QDH *Operations on toe nails*

- QDH 00 Avulsion of toe nail
- QDH 10 Excision of nail bed in toe
- QDH 20 Correction of deformity of toe nail

QDJ *Aesthetic operations on skin of lower limb*

- QDJ 00 Liposuction in lower limb
- QDJ 05 Correction of loose or redundant skin of lower limb
- QDJ 99 Other aesthetic operations on skin of lower limb

QX *Unspecified region***QXA** *Puncture, incision or local destruction of lesion of skin of unspecified region*

- QXA 00 Puncture of unspecified region of skin
Includes: Evacuation of haematoma, seroma etc. from skin or subcutaneous tissue
Biopsy, see: TQX 00, needle biopsy, see: TQX 10
- QXA 05 Incision of unspecified region of skin
Includes: Drainage
- QXA 20 Dermabrasio or shaving of lesion of unspecified region of skin
- QXA 30 Electrocoagulation of unspecified region of skin
- QXA 40 Laser therapy or photocoagulation of unspecified region of skin
- QXA 50 Cryotherapy of unspecified region of skin
- QXA 99 Other incision, biopsy or local destruction of unspecified region of skin

QXB *Procedures for wounds of unspecified region of skin*

- Excludes: Burns*
- QXB 00 Suture of unspecified region of skin
- QXB 05 Revision of wound of skin of unspecified region
Includes: Excision, debridement and suture
Repair of resulting skin defect, see: QXE 35
- QXB 10 Dressing of major wound of unspecified region of skin
Excludes: Dressing of burn
- QXB 99 Other procedure for wound of unspecified region of skin

QXC *Removal of foreign body from unspecified region of skin*

- QXC 00 Removal of foreign body from unspecified region of skin
- QXC 99 Other removal of foreign body not elsewhere specified from unspecified region

QXD *Procedures for burns of unspecified region*

- QXD 00 Dressing of major burn of unspecified region
 QXD 10 Debridement of burn of unspecified region
Includes: Excision
 QXD 20 Excision and coverage of burn of unspecified region
Additional codes for classification of grafts and flaps, see: ZZ

QXE *Excision and repair of lesion of unspecified region of skin*

- Includes: Of tumour, scar, web, defect or malformation of skin or subcutaneous tissue*
Additional codes for classification of grafts and flaps, see: ZZ
 QXE 00 Excision of unspecified region of skin
 QXE 05 Excision of sweat glands or sweat gland-bearing unspecified region of skin
 QXE 10 Excision of lesion of unspecified region of skin
 QXE 20 Excision and repair of scar or web of unspecified region of skin
Excludes: Of lesions caused by burns or surgery
 QXE 25 Excision and repair of scar caused by burn of unspecified region
 QXE 30 Excision and repair of surgical scar of unspecified region
 QXE 35 Repair of skin defect after surgery or injury of unspecified region
 QXE 40 Repair of anomaly or lesion after disease of unspecified region of skin
 QXE 99 Other excision or repair of lesion of unspecified region of skin

QXG *Operations for chronic ulcers and fistulae of unspecified region of skin*

- QXG 00 Debridement of bedsore of unspecified region
 QXG 10 Excision and repair of bedsore of unspecified region
 QXG 20 Operation for chronic ulcer or fistula of unspecified region of skin
 QXG 30 Delayed skin closure of surgical wound of unspecified region
Repair of wound dehiscence, see: Sections for reoperations in all other body system chapters
 QXG 99 Other operation for chronic ulcer or fistula of unspecified region of skin

QXJ *Aesthetic operations on unspecified region of skin*

- QXJ 00 Liposuction of unspecified region
 QXJ 05 Correction of loose or redundant skin of unspecified region

QW Reoperations on skin**QWA** *Repair of wound dehiscence in surgery of skin*

- QWA 00 Repair of wound dehiscence in surgery of skin

QWB *Reoperation for infection in surgery of skin*

- Includes: For wound infection*
 QWB 00 Reoperation for infection in surgery of skin

QWD *Reoperation for haemorrhage in surgery of skin**Includes: For wound haemorrhage or haematoma*

QWD 00 Reoperation for haemorrhage in surgery of skin

QWF *Reoperation for insufficiency of suture in plastic surgery of skin**For insufficiency of suture of the skin itself, see: QWA*

QWF 00 Reoperation for insufficiency of suture in plastic surgery of skin

QWW *Other reoperation in surgery of skin*

QWW 99 Other reoperation in surgery of skin

CHAPTER T

Minor surgical procedures

*Includes: Superficial incision, puncture,
needle aspiration, needle biopsy*

TA Minor neurosurgical procedures

- TAB 00 Lumbar puncture
- TAC 00 Peripheral nerve block
- TAD 00 Sympathetic block
- TAW 99 Other minor neurosurgical procedure

TB Minor procedures in endocrine surgery

- TBA 00 Puncture of thyroid gland
- TBA 10 Needle biopsy of thyroid gland
- TBA 20 Aspiration cytology of thyroid gland
- TBB 00 Puncture of parathyroid gland
- TBB 10 Needle biopsy of parathyroid gland
- TBC 00 Needle biopsy of adrenal gland
- TBC 10 Aspiration cytology of adrenal gland
- TBW 99 Other minor procedure in endocrine surgery

TC Minor procedures in eye surgery

- TCA 00 Needle biopsy of orbit
- TCA 10 Aspiration cytology of orbit
- TCA 15 Retrobulbar therapeutic injection into orbit
- TCA 20 Peribulbar therapeutic injection into orbit
- TCB 00 Needle biopsy of eyelid
- TCB 10 Simple epilation of cilia
Epilation by electrolysis, see: CBG 00

MINOR SURGICAL PROCEDURES

- TCB 20 Therapeutic injection into eyelid
For blepharospasm
- TCB 30 Removal of ptosis suture from eyelid
- TCC 00 Needle biopsy of lacrimal gland
- TCC 10 Probing of lacrimal canaliculus or of nasolacrimal duct
- TCC 30 Intubation of lacrimal canaliculus or intubation of nasolacrimal duct
- TCE 00 Therapeutic injection into extraocular muscle
- TCF 00 Subconjunctival therapeutic injection
- TCG 00 Protection of cornea and sclera with soft lens
- TCG 10 Removal of sutures from cornea
- TCG 20 Laser suture lysis in cornea or sclera
- TCH 10 Needle aspiration of aqueous from anterior chamber
- TCH 20 Needle biopsy of iris
- TCH 30 Needle biopsy of ciliary body
- TCK 10 Needle biopsy of choroid
- TCK 20 Needle biopsy of vitreous body
- TCK 30 Needle biopsy of retina
- TCW 99 Other minor procedure in eye surgery

TD Minor procedures in surgery of ear, nose and larynx

- TDA 00 Biopsy of auricle or external auditory canal
- TDA 10 Needle biopsy of auricle or external auditory canal
- TDB 00 Removal of foreign body from external auditory canal
Removal of foreign body penetrated below level of skin of external auditory canal, see: DBW 99
- TDC 00 Needle biopsy of tympanic membrane
- TDH 00 Needle biopsy of nose
- TDH 10 Removal of foreign body from cavity of nose
Removal of penetrating foreign body from nose, see: DHC 10, from skin or subcutaneous tissue of nose, see: QAC 00
- TDJ 00 Needle biopsy of septum of nose
- TDM 00 Needle biopsy of maxillary antrum
- TDM 10 Puncture and irrigation of maxillary antrum
- TDN 00 Needle biopsy of ethmoidal bone and sinus
- TDP 00 Needle biopsy of frontal sinus
- TDP 10 Needle biopsy of sphenoidal sinus
- TDQ 00 Needle biopsy of larynx
- TDW 00 Other minor procedure in surgery of ear, nose and larynx

TE Minor procedures in surgery of teeth, jaws, mouth and pharynx

- TEA 00 Biopsy of lip
- TEA 10 Needle biopsy of lip
- TEB 00 Restoration of crown of tooth
- TEB 10 Restoration of tooth using filling
- TEB 20 Restoration of tooth using inlay
- TEB 30 Root canal therapy to tooth
- TEB 40 Drainage of abscess of alveolus through tooth
- TEC 00 Needle biopsy of gingiva
- TED 00 Closed reduction of dislocation of jaw
- TED 10 Needle biopsy of mandible
- TEE 00 Needle biopsy of maxilla
- TEG 00 Needle biopsy of mandibular joint
- TEG 10 Injection of diagnostic or therapeutic substance into mandibular joint
- TEH 00 Needle biopsy of palate
- TEJ 00 Needle biopsy of tongue or floor of mouth
- TEL 00 Needle biopsy of salivary gland
- TEM 00 Needle biopsy of tonsils or adenoids
- TEN 00 Needle biopsy of pharynx or adjacent structures
- TEW 99 Other minor procedure in surgery of teeth, jaws, mouth and pharynx

TF Minor procedures in cardiac surgery

- TFC 00 Catheterisation of right atrium or ventricle
- TFC 10 Catheterisation of left atrium or ventricle
- TFE 00 Pericardiocentesis
- TFJ 00 Puncture of heart
- TFP 00 Temporary use of transvenous or epicardial pacemaker
- TFW 99 Other minor procedure in cardiac surgery

TG Minor procedures in thoracic surgery

- TGA 00 Needle biopsy of chest wall
 TGA 10 Needle biopsy of pleura
 TGA 20 Needle biopsy of diaphragm
 TGA 30 Thoracentesis
 TGA 40 Artificial pneumothorax for collapse of lung
 TGB 00 Needle biopsy of trachea
 TGB 10 Percutaneous insertion of aspiration cannula into trachea
 TGD 00 Needle biopsy of lung
 TGE 00 Needle biopsy of mediastinum
 TGW 99 Other minor procedure in thoracic surgery

TH Minor procedures in surgery of mammary gland

- THA 00 Needle biopsy of mamilla
 THA 10 Needle biopsy of mammary gland
 THW 99 Other minor procedure in surgery of mammary gland

TJ Minor procedures in gastroenterological surgery

- TJA 00 Puncture of peritoneum
Includes: Needle biopsy
Excludes: Laparocentesis
 TJA 10 Laparocentesis
 TJA 20 Percutaneous peritoneal irrigation
 TJA 33 Percutaneous introduction of peritoneal dialysis catheter
Laparotomy and insertion of peritoneal dialysis catheter, see: JAK 10
 TJA 35 Removal of peritoneal dialysis catheter
 TJA 40 Percutaneous drainage of intraperitoneal abscess
 TJA 50 Introduction of intraperitoneal injection port
 TJA 55 Removal of intraperitoneal injection port
 TJC 00 Insertion of ballon tube for tamponade of oesophageal varices
Eponym: Sengstaken-Blakemore
 TJD 00 Insertion of nasogastric or naso-gastroduodenal tube
 TJD 10 Insertion of other tube into stomach or duodenum
Manometry and pH-monitoring of oesophagus, see: XJC
 TJD 20 Change of gastrostomy tube
 TJF 00 Insertion of jejunal tube
Includes: For intestinal decompression or drainage, eponyms: Miller-Abbott, Hodges
 TJF 10 Insertion of jejunal tube through gastrostomy
 TJF 20 Peroral biopsy of small intestine

- TJF 30 Reduction of intestinal intussusception using barium enema
- TJG 00 Digital extraction of impacted faeces
- TJG 10 Removal of foreign body from rectum
- TJJ 00 Percutaneous needle biopsy of liver
- TJJ 10 Percutaneous destruction of lesion of liver
Includes: By injection
- TJK 00 Intraoperative cholangiography
- TJK 01 Laparoscopic cholangiography
- TJL 00 Percutaneous needle biopsy of pancreas
- TJL 10 Percutaneous drainage of pseudocyst or abscess of pancreas
Includes: Percutaneous transgastric drainage
- TJM 00 Needle biopsy of spleen
- TJW 99 Other minor procedure in gastroenterological surgery

TK Minor surgical procedures in urology

- TKA 00 Needle biopsy of kidney or pelvis of kidney
- TKA 05 Aspiration cytology of kidney
- TKA 10 Percutaneous puncture of kidney or pelvis of kidney
Includes: Drainage
- TKC 00 Needle biopsy of bladder
- TKC 10 Percutaneous puncture of bladder
Includes: Drainage
- TKC 20 Catheterisation of bladder
- TKD 00 Dilatation of urethra
- TKE 00 Needle biopsy of prostate
- TKE 05 Aspiration cytology of prostate
- TKE 10 Puncture of prostate
Includes: Drainage
- TKF 00 Needle biopsy of testis
- TKF 05 Aspiration cytology of testis
- TKF 10 Puncture of testis
Includes: Drainage
- TKF 20 Needle biopsy of epididymis
- TKF 25 Aspiration cytology of epididymis
- TKF 30 Puncture of epididymis
Includes: Drainage
- TKF 60 Puncture of scrotum
- TKW 99 Other minor surgical procedure in urology

TL Minor surgical procedures in gynaecology

- TLA 00 Needle biopsy of ovary
- TLB 00 Needle biopsy of Fallopian tube
- TLC 00 Insertion of intrauterine contraceptive device
- TLE 00 Dilatation of vagina
- TLE 10 Removal of foreign body from vagina in childhood
- TLE 20 Transvaginal puncture of cul-de-sac
- TLW 99 Other minor surgical procedure in gynaecology

TM Minor surgical procedures in obstetrics

- TMA 00 Episiotomy
- TMA 20 Manual obstetric procedure in normal spontaneous delivery
- TMW 99 Other minor surgical procedure in obstetrics

TN Minor procedures in orthopedic surgery

*Regions are specified by position 3 of the code, represented by the place-holder y in TNy codes
Injection of diagnostic or therapeutic substance into mandibular joint, see TEG 10*

- TNA Spine and neck
- TNB Shoulder and upper arm (incl. clavicle and scapula)
- TNC Elbow and forearm
- TND Wrist and hand
- TNE Pelvis (incl. sacrum and coccyx)
- TNF Hip joint and thigh
- TNG Knee joint and lower leg
- TNH Ankle and foot
- TNX Unspecified region

TNy 00-29 Punctures, incision, arthrocentesis

Procedures on skin and subcutaneous tissue, see: TQ or Chapter Q

- TNy 00 Puncture or needle biopsy of soft tissue
- TNy 05 Simple incision of soft tissue
Includes: With drainage, e.g. of abscess or hematoma
Exploration, see: NxA
- TNy 10 Arthrocentesis
- TNy 11 Injection of diagnostic or therapeutic substance into joint
- TNy 20 Aspiration of bone marrow
- TNy 25 Drill biopsy of bone marrow

TNy 30-39 Bandages, splints and casts

- TNy 30 Soft bandage
E.g.: Arm sling, figure-of-8 bandage
- TNy 31 Prefabricated orthosis
- TNy 32 Custom moulded splint
Plaster of Paris or synthetic polymer
- TNy 33 Custom moulded cast
Plaster of Paris, synthetic polymer
Includes: Custom moulded orthosis
- TNy 34 Major custom moulded cast
E.g.: Hip cast for congenital dysplasia
- TNy 39 Other orthopedic bandage

TNy 40 External traction

- TNy 40 External traction

TNy 50 Implantation of skeletal marker

- TNy 50 Implantation of skeletal marker

TP Minor surgical procedures on peripheral vessels and lymphatic system

- TPH 00 Phlebotomy
- TPH 05 Open cannulation of peripheral vein
- TPH 10 Sclerotherapy of varicose veins
- TPH 15 Insertion of central venous catheter through external or internal jugular vein
- TPH 20 Insertion of central venous catheter through subclavian or brachiocephalic vein
- TPJ 00 Biopsy of superficial lymph node
- TPJ 05 Needle biopsy of lymph node
- TPX 00 Biopsy of artery or vein
- TPX 10 Implantation of vascular injection port
- TPX 15 Removal of vascular injection port
- TPW 99 Other minor surgical procedure on peripheral vessel or lymphatic system

TQ Minor surgical procedures on skin

- TQX 00 Biopsy of skin
- TQX 10 Needle biopsy of skin
- TQX 40 Removal of sutures of skin
- TQX 50 Distension of tissue expander
- TQW 99 Other minor procedure on skin

CHAPTER U

Transluminal endoscopy

Endoscopy through natural or artificial body orifices

Therapeutic and invasive diagnostic transluminal endoscopic procedures and endoscopy through puncture or incision, see: Chapters D, F, G, J, K, L and M

UD Transluminal endoscopy of ear, nose and larynx

- UDH 02 Rhinopharyngoscopy
- UDH 05 Rhinopharyngoscopy with biopsy
- UDM 02 Sinoscopy
- UDM 05 Sinoscopy with biopsy
- UDQ 02 Direct laryngoscopy
- UDQ 05 Direct laryngoscopy with biopsy
- UDQ 12 Flexible laryngoscopy
- UDQ 15 Flexible laryngoscopy with biopsy
- UDQ 22 Microlaryngoscopy
- UDQ 25 Microlaryngoscopy with biopsy

UE Transluminal endoscopy of mouth and pharynx

- UEL 02 Sialoscopy
- UEL 05 Sialoscopy with biopsy
- UEN 02 Oropharyngoscopy
- UEN 05 Oropharyngoscopy with biopsy
- UEN 12 Hypopharyngoscopy
- UEN 15 Hypopharyngoscopy with biopsy

UG Transluminal endoscopy of trachea, bronchus and pleura

- UGA 02 Endoscopy through pleuro-cutaneous window
- UGA 05 Endoscopy with biopsy through pleuro-cutaneous window
- UGB 02 Tracheoscopy
- UGB 05 Tracheoscopy with biopsy
- UGC 02 Rigid bronchoscopy
- UGC 05 Rigid bronchoscopy with biopsy from bronchus or trachea
- UGC 08 Rigid bronchoscopy with biopsy of lung
- UGC 12 Flexible bronchoscopy
- UGC 15 Flexible bronchoscopy with biopsy from bronchus or trachea
- UGC 18 Flexible bronchoscopy with biopsy of lung

UJ Transluminal endoscopy of gastrointestinal tract

Transluminal gastrointestinal endoscopy allows examination of several connected organ cavities. It is classified according to the most common main target for the category of endoscopy in question.

For brevity, the terms “endoscopy” and “endoscopic” in Chapter J and Section UJ refer to transluminal gastrointestinal endoscopy unless otherwise specified.

Transluminal endoscopic procedures, on the other hand, are classified in Chapter J according to the location where they are actually performed.

For instance, endoscopic polypectomy in small intestine (JFA 05) may be performed in the course of gastroscopy, enteroscopy, coloscopy or ERCP.

Upper gastrointestinal endoscopy

Upper gastrointestinal endoscopy (oesophagoscopy and gastroscopy) embraces endoscopic examination of oesophagus, stomach and duodenum, and in the presence of a suitable anastomosis certain other organs, mainly small intestine, without concurrent instrumentation of biliary tract or pancreatic duct. If the stomach or duodenal bulb are examined purposely in the course of ERCP, the endoscopy should be classified as both gastroscopy and ERCP.

UJC Oesophagoscopy

Endoscopic examination of oesophagus only

If the oesophagus is examined in the course of gastroscopy, or if examination or procedures are carried out beyond the oesophagus, the endoscopy is classified as gastroscopy, even if the oesophagus was its main target.

- UJC 02 Rigid oesophagoscopy
- UJC 05 Rigid oesophagoscopy with biopsy
- UJC 12 Flexible oesophagoscopy
- UJC 15 Flexible oesophagoscopy with biopsy

UJD Gastroscopy

Because the stomach is its most common main target, endoscopic examination of the upper gastrointestinal tract beyond the oesophagus is classified as gastroscopy, even if the oesophagus is examined as well. Oesophagoenteroscopy after total gastrectomy is also classified as gastroscopy, because the method is the same, even in the absence of the most common target organ. Thus the code for gastroscopy covers (oesophago-)gastroscopy, (oesophago-)gastroduodenoscopy, (oesophago-)gastroenteroscopy, oesophagoenteroscopy and a few more unusual combinations. Endoscopy with instrumentation of bile or pancreatic ducts, see: ERCP

UJD 02 Gastroscopy

UJD 05 Gastroscopy with biopsy
Includes: With brush cytology

UJF Enteroscopy and coloscopy

UJF 02 Peroral enteroscopy

Endoscopy of adjacent small intestine in the course of gastroscopy and coloscopy, see: UJD 02 and UJF 32

UJF 05 Peroral enteroscopy with biopsy
Includes: With brush cytology

UJF 12 Enteroscopy through intestinal stoma
Includes: Through ileal reservoir
Retrograde endoscopy of ileal conduit, see: UKB 12

UJF 15 Enteroscopy with biopsy through intestinal stoma
Includes: With brush cytology

UJF 22 Intraoperative enteroscopy
Additional code for enterotomy in intraoperative enteroscopy, see: JFA 00

UJF 25 Intraoperative enteroscopy with biopsy
Includes: With brush cytology

UJF 32 Coloscopy
Includes: Endoscopy of rectum, colon and adjacent small intestine using colonoscope. A colonoscope is a flexible instrument of sufficient length to reach the caecum from the anus in the intact adult colon

UJF 35 Coloscopy with biopsy
Includes: With brush cytology

UJF 42 Flexible sigmoidoscopy
Includes: Endoscopy of sigmoid and rectum using flexible sigmoidoscope. A flexible sigmoidoscope is a short instrument, designed for endoscopy of the rectum and sigmoid colon. If for anatomical reasons the descending colon or higher levels are also reached (e.g. through anastomosis), the endoscopy is still classified as flexible sigmoidoscopy

UJF 45 Flexible sigmoidoscopy with biopsy
Includes: With brush cytology

UJF 82 Peranal enteroscopy

UJF 85 Peranal enteroscopy with biopsy

UJG ***Proctoscopy***

- UJG 02 Proctoscopy
Endoscopy of rectum and rectosigmoid using a rigid instrument. If for anatomical reasons the sigmoid colon or higher levels are also reached (e.g. through anastomosis), the endoscopy is still classified as proctoscopy
- UJG 05 Proctoscopy with biopsy
Endoscopy of rectum in the course of colonoscopy and flexible sigmoidoscopy, see: UJF
Includes: With brush cytology

UJH ***Anoscopy***

- UJH 02 Anoscopy
Biopsy, see: JHA 10

UJK ***Endoscopic and radiological examination of biliary tract and pancreatic duct***

- UJK 02 ERCP
- UJK 05 ERCP with biopsy
Includes: With collection of cytologic specimen
- UJK 12 Peroral cholangioscopy
Intraoperative cholangioscopy, see: JKB 20
- UJK 15 Peroral cholangioscopy with biopsy
Includes: With collection of cytologic specimen
- UJK 22 Antegrade cholangioscopy
Through preformed percutaneous transhepatic drainage track
- UJK 25 Antegrade cholangioscopy with biopsy
Includes: With collection of cytologic specimen
- UJK 32 Antegrade cholecystoscopy
Through cholecystostomy or preformed percutaneous transhepatic drainage track
- UJK 35 Antegrade cholecystoscopy with biopsy
Includes: With collection of cytologic specimen
- UJK 42 Peroral pancreaticoscopy
Intraoperative cholangioscopy, see: JKB 20
- UJK 45 Peroral pancreaticoscopy with biopsy
Includes: With collection of cytologic specimen

UK Transluminal endoscopy of urinary tract

- UKA 02 Retrograde ureteronephroscopy
- UKA 05 Retrograde ureteronephroscopy with biopsy
- UKB 02 Retrograde ureteroscopy
- UKB 05 Retrograde ureteroscopy with biopsy
- UKB 12 Retrograde endoscopy of cutaneous ureteroenterostomy
- UKB 15 Retrograde endoscopy of cutaneous ureteroenterostomy with biopsy
- UKC 02 Cystoscopy
Includes: Cystourethroscopy
- UKC 05 Cystoscopy with biopsy
- UKC 12 Retrograde endoscopy of cutaneous cystoenterostomy
- UKC 15 Retrograde endoscopy of cutaneous cystoenterostomy with biopsy
- UKC 22 Urethrocystoscopy
- UKC 25 Urethrocystoscopy with biopsy
- UKD 02 Urethroscopy
- UKD 05 Urethroscopy with biopsy

UL Transluminal endoscopy of female genital tract

- ULB 02 Falloposcopy
Salpingoscopy (laparoscopic approach), see: LBA 07
- ULB 05 Falloposcopy with biopsy
- ULC 02 Hysteroscopy
- ULC 05 Hysteroscopy with biopsy
- ULC 12 Microhysteroscopy
- ULC 15 Microhysteroscopy with biopsy

CHAPTER X

Investigative procedures
connected with surgery**XC** Investigative procedures on eye

- XCC 00 Investigative irrigation of lacrimal passages
- XCD 00 Clinical examination of eye in general anaesthesia
- XCD 10 Electrophysiological examination of eye
Includes: Electroretinography (ERG), Visual evoked potential (VEP), Electromyography (EMG)
- XCD 20 Photoangiography of eye
Includes: Fluorescein angiography
- XCK 00 Perimetry
- XCK 10 Photography of fundus of eye
- XCW 99 Other investigative procedure of eye

XF Investigative procedures on heart

- Ultrasonography with transoesophageal approach, see: XJD 02*
- XFE 00 Epicardial ultrasonography
- XFE 01 Thoracoscopic epicardial ultrasonography
- XFE 12 Angioscopic cardiac ultrasonography
- XFN 02 Intraoperative coronary angioscopy
- XFN 96 Other intraoperative angiocardioscopic investigation
- XFP 00 Intraoperative mapping of ectopic focus or aberrant path of impulse propagation
- XFP 96 Other intraoperative electrophysiological investigation in arrhythmia or disturbance of impulse propagation
- XFX 00 Intraoperative puncture of heart or major thoracic vessels with aspiration
- XFX 10 Intraoperative puncture manometry of heart or major thoracic vessels
- XFX 20 Intraoperative flowmetry of heart or major thoracic vessels
- XFX 30 Epicardial ultrasonography of heart
- XFX 96 Other investigative intraoperative puncture of heart or major thoracic vessels
- XFX 97 Other thoracoscopic investigative intraoperative puncture of heart or major thoracic vessel

XG Intraoperative and endoscopic thoracic ultrasonography

- XGX 02 Transoesophageal ultrasonography
Oesophagoscopic ultrasonography, see: XJD 02
- XGX 10 Intrapleural ultrasonography
Application of ultrasound probe to epicardial surface, see: XFX 30
- XGX 21 Thoracoscopic ultrasonography
Application of ultrasound probe to epicardial surface, see: XFX 30
- XGX 32 Bronchoscopic ultrasonography
- XGX 96 Other intraoperative thoracic ultrasonography

XJ Investigative procedures on digestive system

- XJA 00 Intraoperative abdominal ultrasonography
- XJA 01 Laparoscopic ultrasonography
- XJC 00 Oesophageal manometry
- XJC 10 Oesophageal pH monitoring
- XJC 20 Oesophageal electromyography
- XJD 02 Peroral endoscopic ultrasonography
Includes: Use of endoscopic ultrasound probe in oesophagus, stomach, duodenum or small intestine
- XJF 00 Ultrasonography through intestinal stoma
- XJF 02 Endoscopic ultrasonography through intestinal stoma
- XJG 12 Transrectal endoscopic ultrasonography
- XJH 00 Transanal ultrasonography
- XJH 10 Anorectal manometry
- XJH 20 Electromyography of anal sphincter
- XJK 02 Endoscopic manometry of common bile duct
- XJL 02 Endoscopic manometry of pancreatic duct
- XJW 96 Other investigative procedure on digestive system
- XJW 97 Other laparoscopic investigative procedure on digestive system
- XJW 98 Other transluminal endoscopic investigative procedure on digestive system

XK Investigative procedures on urinary and male genital system

- XKA 00 Urodynamic investigation of pelvis of kidney
- XKB 00 Urodynamic investigation of ureter
- XKC 00 Gas cystometry
- XKC 03 Water cystometry
- XKD 00 Uroflowmetry
- XKD 03 Urethral pressure profilometry
- XKD 06 Physiologic investigation of micturition
Includes: Of pressure, flow
- XKD 10 Transurethral ultrasonography
Transrectal ultrasonography of prostate, see: XJH 00
- XKG 00 Artificial induction of erection
- XKG 10 Penile vascular flow measurements
- XKX 00 Pelvic floor electromyography
- XKW 99 Other physiological examination of urinary or male genital system

XL Investigative procedures on female genital system

- XLE 00 Colposcopy

XX Investigative procedures on unspecified organ system

- XXA 00 Clinical examination requiring general anaesthesia
Includes: Gynaecological or urological examination requiring general anaesthesia

CHAPTER Y

Procurement of organs or
tissue for transplantation**YCA** *Excision of cornea for transplantation*

YCA 00 Excision of cornea for transplantation

YFA *Excision of organs for heart or heart and lung transplantation*

YFA 00 Excision of heart for transplantation

YFA 10 Excision of heart for domino transplantation

YFA 20 Block excision of heart and lung for transplantation

YFA 50 Excision of heart for preparation of homograft

YFA 99 Other procedures relating to excision of organs for heart or heart and lung transplantation

YGA *Excision of lung for transplantation*

YGA 00 Excision of one or both lungs from cadaver donor

YGA 10 Excision of lung from living donor

YGA 20 Excision of lobe of lung from living donor

YGA 99 Other procedures relating to excision of lung for transplantation

YJA *Excision of liver for transplantation*

YJA 00 Partial excision of liver from living donor

YJA 10 Excision of liver from cadaver donor

YJB *Excision of small intestine for transplantation*

YJB 00 Excision of small intestine for transplantation

YJC *Block excision of stomach and small intestine for transplantation*

YJC 00 Block excision of stomach and small intestine for transplantation

YJD *Excision of pancreas for transplantation*

YJD 00 Excision of pancreas for preparation of islet cell transplant

YJD 10 Partial excision of pancreas from living donor

YJD 20 Partial excision of pancreas from cadaver donor

YJD 30 Excision of pancreas from cadaver donor

YKA *Excision of kidney for transplantation*

- YKA 00 Excision of kidney from living donor
 YKA 01 Percutaneous endoscopic excision of kidney from living donor
 Includes: With partial excision of ureter
 YKA 02 Excision of kidneys from cadaver donor

YNA *Excision of tissue from musculoskeletal system for transplantation*

- YNA 00 Excision of cancellous bone from pelvis for transplantation
 YNA 01 Excision of block of cortical and cancellous bone from pelvis for transplantation
 YNA 02 Excision of cancellous bone from other donor site for transplantation
 YNA 03 Excision of block of cortical and cancellous bone from other donor site for transplantation
 YNA 04 Excision of intact bone for transplantation
 YNA 05 Excision of bone with nutrient vessels for transplantation
 YNA 06 Excision of bone with attached cartilage for transplantation
 Includes: Preparation of costochondral transplant
 YNA 09 Other excision of bone for transplantation
 YNA 10 Excision of tendon for transplantation
 YNA 20 Excision of cartilage for transplantation
 YNA 30 Excision of periosteum for transplantation
 YNA 40 Excision of muscle for transplantation
 YNA 45 Excision of muscle with nutrient vessels for transplantation
 YNA 99 Other excision of tissue from musculoskeletal system for transplantation

YNB *Excision of bone marrow for transplantation*

- YNB 00 Excision of bone marrow for transplantation

YPA *Excision of blood vessel for transplantation*

- YPA 00 Excision of blood vessel for transplantation

YQA *Excision of skin for transplantation*

- YQA 00 Excision of skin for later autograft
 Includes: For preparation of cultured autograft of epidermis
 Excision of skin for concurrent autograft is implicit in the code for autograft
 YQA 10 Excision of skin for allograft from living donor
 Includes: For preparation of cultured allograft of epidermis
 YQA 20 Excision of skin for allograft from cadaver donor

CHAPTER Z

General qualifiers pertaining
to all other chapters

ZF General qualifiers pertaining to cardiovascular surgery

ZFN Auxiliary techniques in percutaneous transluminal coronary procedures

ZFN 00 Percutaneous transluminal coronary brachytherapy

ZFX Techniques typical for cardiovascular surgery

ZFX 00 Use of balloon dilatation

ZFX 01 Use of rotablator

ZFX 02 Use of angiojet

ZFX 03 Use of atherectomy device

ZFX 09 Use of other technique

Use of laser, see: ZXC 10

Use of ultrasound, see: ZXC 40

ZL General qualifiers pertaining to gynaecological surgery

ZLX Specific technique for gynaecological surgery

ZLX 00 Open surgery with vaginal approach

ZLX 01 Combined laparotomy and vaginal approach

ZP General qualifiers pertaining to surgery of peripheral vessels and lymphatic system

ZPA *Intraoperative use of therapeutic agents and occluding material for injection*

- ZPA 00 Intraoperative use of thrombolytic agent
- ZPA 10 Intraoperative use of sclerosing foam
- ZPA 15 Intraoperative use of other sclerosing agent
- ZPA 20 Intraoperative use of occluding material

ZQ General qualifiers pertaining to surgery of the skin

Includes: Subcutaneous tissue

ZQX *Specific technique for treatment of lesions of skin*

- ZQX 00 Iterative technique for excision of lesion of skin
Microsurgical excision with repeated cuts as indicated by intraoperative microscopic examination of specimen (Mohs micrographic surgery, MMS)

ZS Relation of procedure to previous surgery

- ZSA 00 Procedure related to previous procedure classified in chapter A
- ZSB 00 Procedure related to previous procedure classified in chapter B
- ZSC 00 Procedure related to previous procedure classified in chapter C
- ZSD 00 Procedure related to previous procedure classified in chapter D
- ZSE 00 Procedure related to previous procedure classified in chapter E
- ZSF 00 Procedure related to previous procedure classified in chapter F
- ZSG 00 Procedure related to previous procedure classified in chapter G
- ZSH 00 Procedure related to previous procedure classified in chapter H
- ZSJ 00 Procedure related to previous procedure classified in chapter J
- ZSK 00 Procedure related to previous procedure classified in chapter K
- ZSL 00 Procedure related to previous procedure classified in chapter L
- ZSM 00 Procedure related to previous procedure classified in chapter M
- ZSN 00 Procedure related to previous procedure classified in chapter N
- ZSP 00 Procedure related to previous procedure classified in chapter P
- ZSQ 00 Procedure related to previous procedure classified in chapter Q
- ZST 00 Procedure related to previous procedure classified in chapter T
- ZSU 00 Procedure related to previous procedure classified in chapter U
- ZSX 00 Procedure related to previous procedure classified in chapter X
- ZSY 00 Procedure related to previous procedure classified in chapter Y

ZU General qualifiers pertaining to transluminal endoscopy

ZUJ *Specific technique for transluminal gastroenterological endoscopy*

ZUJ 00 Double balloon technique in gastroenterological endoscopy

ZX Various circumstances and events in surgery

ZXA *Side of body*

ZXA 00 Right side

ZXA 05 Left side

ZXA 10 Bilateral

ZXB *Lateral or medial*

ZXB 00 Lateral

ZXB 10 Medial

ZXB 20 Both lateral and medial

ZXC *Specific technique*

ZXC 00 Use of diathermy

ZXC 05 Use of ionised gas

Includes: Argon plasma coagulation

ZXC 10 Use of laser

ZXC 15 Use of photodynamic technique

ZXC 20 Use of chemical agents

ZXC 30 Use of microwaves

ZXC 35 Use of radio waves

ZXC 40 Use of ultrasound

ZXC 50 Cryotherapy

ZXC 60 Application of heat

ZXC 70 Use of water jet

ZXC 80 Use of magnet

ZXC 85 Endoscopically assisted procedure

ZXC 90 Extraperitoneal endoscopic technique

ZXC 91 Subcutaneous endoscopic technique

ZXC 95 Intracranial endoscopic technique

ZXC 96 Robot assisted procedure

ZXC 97 Intraspinal endoscopic technique

ZXD *Emergency or scheduled procedure*

ZXD 00 Emergency procedure

ZXD 10 Scheduled procedure

ZXE *Duration of operation*

From first incision to final suture or termination of operation

- ZXE 00 One hour or less
- ZXE 10 More than one and less than three hours
- ZXE 20 More than three and less than five hours
- ZXE 30 More than five and less than seven hours
- ZXE 40 More than seven and less than nine hours
- ZXE 50 Nine hours or more

ZXF *Causes of interrupted operation*

- ZXF 00 Interruption caused by intraoperative deterioration of general condition
- ZXF 10 Interruption caused by technical failure of equipment
- ZXF 20 Interruption caused by problems of surgical technique
- ZXF 99 Other cause of interrupted operation

ZXG *Treatment of intraoperative cardiac emergency*

- ZXG 05 Intraoperative closed cardiac compression
- ZXG 10 Open cardiac compression
- ZXG 20 Cardiac compression with temporary clamping of thoracic aorta
- ZXG 30 Other intraoperative cardiac compression procedure
- ZXG 40 Intraoperative use of temporary transvenous pacemaker
- ZXG 50 Use of temporary epicardial pacemaker

ZXK *Conversion to procedure by open access*

Corresponding open surgery performed when intended procedure by other access route abandoned for reason of failure or untoward event

- ZXK 00 Conversion from percutaneous endoscopic to open procedure
Includes: Conversion from culdoscopic to open procedure
- ZXK 99 Other conversion to procedure by open access

ZXL *Use of mesh in surgery*

For replacement, reinforcement or fixation of body structure

- ZXL 00 Use of absorbable mesh in surgery
- ZXL 10 Use of non-absorbable mesh in surgery

ZXM *Use of imaging techniques in surgery*

Includes: With use of contrast medium

- ZXM 00 Intraoperative use of ultrasonographic imaging
Includes: With use of Doppler technique
- ZXM 10 Intraoperative use of conventional X-ray imaging
- ZXM 20 Intraoperative use of computerised tomography
- ZXM 30 Intraoperative use of magnetic resonance imaging

ZZ **Grafts, flaps and tissue expanders**

Terminology: Autograft: From same person. Allograft (synonym: Homograft): From other person. Xenograft (synonym: Heterograft): From other species. Alloplastic: Use of prosthetic material or artificial tissue substitute

All free graft codes not otherwise specified are autograft codes

Free bone grafts, see: NAN-NHN

ZZA ***Free graft of skin***

ZZA 00 Split skin graft

ZZA 10 Split skin allograft

ZZA 20 Split skin xenograft

ZZA 30 Cultured epidermal autograft

ZZA 35 Cultured epidermal allograft

ZZA 40 Graft of synthetic skin substitute

Includes: Cultured epidermis with synthetic substitute for dermis &c.

ZZA 50 Full thickness skin graft

ZZA 52 Full thickness skin allograft

ZZA 54 Full thickness skin xenograft

ZZA 60 Free graft of skin preserving innervation

Microvascular graft, see: ZZQ

ZZB ***Free graft of tendon***

ZZB 00 Bone-tendon-bone graft of patellar tendon

ZZB 10 Graft of semitendinous tendon

ZZB 20 Graft of palmaris longus tendon

ZZB 30 Graft of extensor tendon of toe

ZZB 40 Graft of other tendon

ZZB 50 Allograft of tendon

ZZB 60 Alloplastic replacement of tendon

ZZC ***Free graft of fascia***

ZZC 00 Graft of fascia

ZZC 10 Allograft of fascia

ZZD ***Free graft of dura***

ZZD 10 Allograft of dura

ZZE ***Free graft of skeletal muscle***

ZZE 00 Graft of skeletal muscle

ZZE 10 Free graft of skeletal muscle preserving innervation

ZZF ***Free graft of adipose tissue***

ZZF 00 Graft of adipose tissue

ZZG *Free graft of cartilage*

ZZG 00 Graft of cartilage

ZZG 05 Allograft of cartilage

ZZH *Free graft of periosteum*

ZZH 00 Graft of periosteum

ZZJ *Free graft of perichondrium*

ZZJ 00 Graft of perichondrium

ZZK *Free graft of nerve*

ZZK 00 Graft of nerve

ZZL *Free graft of amniotic membrane*

ZZL 00 Free graft of amniotic membrane

ZZM *Free composite graft*

ZZM 00 Composite graft

ZZN *Free graft of artery*

ZZN 00 Free autograft of artery

ZZN 10 Free allograft of artery

ZZN 20 Free xenograft of artery

ZZP *Free graft of vein*

ZZP 00 Free autograft of vein

ZZP 10 Free allograft of vein

ZZP 20 Free xenograft of vein

ZZQ *Free microvascular grafts*

ZZQ 00 Free microvascular graft of skin

With subcutaneous tissue

ZZQ 10 Free microvascular graft of skin and muscle

ZZQ 20 Free microvascular graft of skin, muscle and bone

ZZQ 30 Free microvascular graft of muscle

ZZQ 40 Free microvascular graft of bone

ZZQ 60 Free microvascular graft of nerve

ZZQ 70 Free microvascular graft of omentum

ZZQ 80 Free microvascular graft of intestine

Includes: Tubular graft or graft of intestinal wall

ZZR *Flaps*

- ZZR 00 Flap of skin
 With subcutaneous tissue
 ZZR 05 Flap of skin and fascia
 ZZR 10 Flap of skin and muscle
 ZZR 20 Flap of skin, muscle and bone
 ZZR 30 Flap of muscle
 ZZR 40 Flap of muscle and bone
 ZZR 45 Flap of muscle and mucosa
 ZZR 50 Mucoperiosteal flap
 ZZR 60 Flap of omentum

ZZS *Use of flaps and expander to advance and expand tissue*

- ZZS 00 Rotation flap
 ZZS 10 Transposition flap
 ZZS 20 Distant flap
 ZZS 40 V-Y or Y-V advancement flap
 ZZS 45 Z-plasty
 ZZS 50 Insertion of tissue expander
 ZZS 60 Replacement of tissue expander
 ZZS 70 Removal of tissue expander

ZZT *Free graft of bone*

- ZZT 00 Free graft of bone
 For reconstructions of skull, facial bones, sternum and ribs
 Excludes: In orthopaedic surgery,
 see: NAN-NHN

ZZU *Free graft of mucosa*

- ZZU 00 Free graft of mucosa

APPENDIX 1

Classification matrix in Chapter P

*Peripheral vessels and lymphatic system***Code structure (Pxy zz)**

Position 1:	Body system: P (peripheral vessels and lymphatic system)
Position 2:	Region: A-H, X Reoperations: W <i>(place-holder x in matrix codes)</i>
Position 3:	Method: A-T Operation on previous reconstruction not elsewhere specified: U "Other": W <i>(place-holder y in matrix codes)</i>
Position 4-5:	Location: 00-59 in groups PxA-PxT Method: 60-89 in groups PxU "Other": 90-99 in all groups No significance in groups PWy <i>(place-holder zz in matrix codes)</i>

Position 2 of codes:

PA	Arteries of aortic arch and branches
PB	Arteries of upper extremity
PC	Suprarenal abdominal aorta and visceral arteries
PD	Infrarenal abdominal aorta and iliac arteries and distal connections
PE	Femoral artery with branches and connection to popliteal artery
PF	Connection from femoral artery to infrapopliteal arteries, popliteal artery and arteries of lower leg and foot
PG	Extra-anatomic bypass operations
PH	Veins
PJ	Lymphatic system
PX	Other specified region
PW	Reoperations in surgery of peripheral vessels and lymphatic system

Position 3 of codes:

PxA zz	Exploration <i>Includes: Biopsy</i>
PxB zz	Ligature
PxC zz	Suture
PxD zz	Resection
PxE zz	Thrombectomy or embolectomy
PxF zz	Thrombendarterectomy
PxG zz	Operation for aneurysm
PxH zz	Bypass
PxJ zz	Transposition
PxK zz	Reimplantation
PxL zz	Construction of arteriovenous fistula
PxM zz	Closure of arteriovenous fistula
PxN zz	Plastic repair
PxP zz	Percutaneous plastic repair
PxQ zz	Insertion of stent
PxR zz	Removal of stent
PxS zz	Endoscopic operation
PxT zz	Injection of therapeutic or sclerosing agent
PxU zz	Operation on previous reconstruction
PxW zz	Other operation

Position 4-5 of codes:

Deviations from Nomina Anatomica according to common usage in vascular surgery of the lower extremity:

Femoral artery signifies the femoral artery proximal to the departure of the deep femoral artery.

Superficial femoral artery signifies the femoral artery distal to the departure of the deep femoral artery

Tibioperoneal trunk signifies the posterior tibial artery proximal to the departure of the peroneal artery.

Proximal posterior tibial artery signifies the proximal part of the artery distal to the departure of the peroneal artery

PAy 10	Brachiocephalic trunk
PAy 20	Common carotid artery
PAy 21	Internal carotid artery
PAy 22	External carotid artery
PAy 25	From carotid to subclavian artery
PAy 30	Subclavian artery
PAy 40	Vertebral artery
PAy 99	Other arterial branch originating from aortic arch arteries
PBy 10	Axillary artery
PBy 20	Brachial artery
PBy 30	Radial or ulnar artery
PBy 99	Other artery of upper extremity

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PCy 10	Suprarenal or juxtarenal abdominal aorta
PCy 20	Coeliac trunk and branches
PCy 30	Superior mesenteric artery
PCy 40	Renal artery
PCy 50	Inferior mesenteric artery
PCy 99	Other visceral artery
PDy 10	Infrarenal abdominal aorta
PDy 20	From aorta to iliac artery
PDy 21	From aorta to bilateral iliac arteries
PDy 22	From aorta to iliac and contralateral femoral artery
PDy 23	From aorta to femoral artery
PDy 24	From aorta to bilateral femoral arteries
PDy 30	Iliac artery
PDy 35	From iliac to femoral artery
PDy 99	Other distal connection from abdominal aorta or iliac artery
PEy 10	Femoral artery
PEy 11	Deep femoral artery
PEy 12	Superficial femoral artery
PEy 20	From femoral to popliteal artery above knee
PEy 30	From femoral artery to popliteal artery below knee
PEy 99	Other branch of femoral artery
PFy 10	Popliteal artery
PFy 20	From femoral or popliteal artery to artery of lower leg
PFy 21	To proximal anterior tibial artery
PFy 22	To distal anterior tibial artery
PFy 23	To tibioperoneal trunk
PFy 24	To proximal posterior tibial artery
PFy 25	To distal posterior tibial artery
PFy 26	To proximal peroneal artery
PFy 27	To distal peroneal artery
PFy 28	To dorsal artery of foot
PFy 29	To posterior tibial artery in foot
PFy 30	Artery of lower leg
PFy 31	Anterior tibial artery
PFy 32	Posterior tibial artery
PFy 33	Peroneal artery
PFy 40	Artery of foot
PFy 99	Other connection from femoral artery to artery of lower leg or foot
PHy 10	Long saphenous vein
PHy 11	Veins of saphenofemoral junction
PHy 12	Short saphenous vein
PHy 13	Perforating veins of lower leg
PHy 14	Perforating veins of thigh
PHy 15	Communicating veins of lower leg and thigh
PHy 20	Deep veins of lower leg

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PHy 21	Popliteal vein
PHy 22	Femoral vein
PHy 23	Iliac vein
PHy 25	Bypass from iliac vein
PHy 30	Inferior vena cava
PHy 31	Renal vein
PHy 32	Mesenteric or portal vein
PHy 35	From splanchnic to systemic vein
PHy 40	Cephalic or basilic vein
PHy 41	Brachial or axillary vein
PHy 42	Subclavian or brachiocephalic vein
PHy 50	Internal or external jugular vein
PHy 99	Other vein
PxU 70	Exploration <i>Includes: Biopsy</i>
PxU 71	Ligature
PxU 72	Suture
PxU 73	Resection
PxU 74	Thrombectomy or embolectomy
PxU 75	Thrombendarterectomy
PxU 76	Operation for aneurysm
PxU 77	Bypass
PxU 78	Transposition
PxU 79	Reimplantation
PxU 80	Percutaneous closure of arteriovenous fistula
PxU 81	Closure of arteriovenous fistula
PxU 82	Plastic repair
PxU 83	Percutaneous plastic repair
PxU 84	Insertion of stent
PxU 85	Removal of stent
PxU 86	Endoscopic operation
PxU 87	Injection of therapeutic or sclerosing agent
PxU 88	Excision of bypass
PxU 89	Ligature of bypass
PxU 99	Other operation

APPENDIX 2

Modifications and additions to
NOMESCO Classification of Surgical Procedures (NCSP),
version 1.12, effective from 1 January 2008

Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
44	CKC 10 Local photocoagulation of retina	Use CKC 12 instead	Delete code
44		CKC 12 Photocoagulation of retina <i>Additional code for photodynamic therapy, see: ZXC 15</i>	New code and cross reference To replace CKC 10 and CKC 15
44	CKC 15 Panretinal photocoagulation	Use CKC 12 instead	Delete code
45	CKE 10 Transpupillary photocoagulation of lesion of choroid <i>Photosensitisation before photocoagulation, see: TCK 00</i>	CKE 10 Transpupillary photocoagulation of lesion of choroid <i>Additional code for photodynamic therapy, see: ZXC 15</i>	Changed cross reference
45	CKE 15 Endophotocoagulation of lesion of choroid <i>Photosensitisation before photocoagulation, see: TCK 00</i>	CKE 15 Endophotocoagulation of lesion of choroid	Delete cross reference
45	CKE 45 Endophotocoagulation of lesion of retina <i>Photosensitisation before photocoagulation, see: TCK 00</i>	CKE 45 Endophotocoagulation of lesion of retina	Delete cross reference
72	FC Thoracic and thoracoabdominal aorta, excluding malformations <i>Operations on aortic valve, see FM</i>	FC Thoracic and thoracoabdominal aorta, excluding malformations <i>Operations on aortic valve, see: FM</i> <i>Bypass from aortic arch to carotid artery, see: PXH 10</i>	Cross reference added
111		JAL 23 Excision of local lesion of pelvic wall <i>Includes: Local recurrence of neoplasm</i>	New code
111		JAL 24 Laparoscopic excision of local lesion of pelvic wall <i>Includes: Local recurrence of neoplasm</i>	New code
123	JFF 16 Conversion of ileoanal anastomosis to ileostomy	Use JFG 73 instead	Delete code

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
125	JFH 33 Total colectomy, mucosal proctectomy, ileoanal anastomosis and ileostomy <i>With mucosal or total proctectomy, with or without construction of ileoanal pouch</i> <i>Mucosal proctectomy and ileoanal anastomosis after previous total colectomy, see: JGB 50,</i> <i>concurrent closure of ileostomy, see: JFG</i> <i>Conversion of ileoanal anastomosis to ileostomy, see: JFF 16</i>	JFH 33 Total colectomy, mucosal proctectomy, ileoanal anastomosis and ileostomy <i>With mucosal or total proctectomy, with or without construction of ileoanal pouch</i> <i>Mucosal proctectomy and ileoanal anastomosis after previous total colectomy, see: JGB 50,</i> <i>concurrent closure of ileostomy, see: JFG</i> <i>Conversion of ileoanal anastomosis to ileostomy, see: JFG 73</i>	Changed cross referencs
129		JHC 60 Transanal submucous or intersphincteric injection	New code
170		MAA 06 Amnioreduction	New code
170	MAC <i>Surgical induction of labour</i>	MAC <i>Surgical induction or advancement of labour</i>	Changed title
170	MAC 00 Antepartum rupture of amniotic membrane	MAC 00 Rupture of amniotic membrane	Changed code text
170		MAC 20 Vacuum traction <i>Without completed extraction</i> <i>Vacuum extraction, see: MAE</i>	New code and cross referencs to replace MAH 00
170		MAC 23 Forceps traction <i>Without completed extraction</i> <i>Forceps extraction, see: MAF</i>	New code and cross referencs to replace MAH 03
170	MAC 96 Other surgical induction of labour	MAC 96 Other surgical induction or advancement of labour	Changed code text
171	MAH 00 Vacuum traction <i>Without completed extraction</i> <i>Vacuum extraction, see: MAE</i>	Use MAC 20 instead	Delete code
171	MAH 03 Forceps traction <i>Without completed extraction</i> <i>Forceps extraction, see: MAF</i>	Use MAC 23 instead	Delete code
183	NBB Primary prosthetic replacement of joints of shoulder: <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NBN</i>	NBB Primary prosthetic replacement of joints of shoulder: <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NBN</i> <i>Prosthetic replacement of entire humerus with proximal and distal joint surfaces, see: NBR 89</i>	Cross reference added

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
187		NBR 89 Total excision of humerus with prosthetic replacement <i>Prosthetic replacement of entire bone with proximal and distal joint surfaces for tumour</i>	New code
189	NCB <i>Primary prosthetic replacement of elbow joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NCN</i>	NCB <i>Primary prosthetic replacement of elbow joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NCN</i> <i>Prosthetic replacement of entire humerus with proximal and distal joint surfaces, see: NBR 89</i>	Cross reference added
207	NFB <i>Primary prosthetic replacement of hip joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NFN</i>	NFB <i>Primary prosthetic replacement of hip joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NFN</i> <i>Prosthetic replacement of entire femur with proximal and distal joint surfaces, see: NFR 89</i>	Cross reference added
210		NFR 89 Total excision of femur with prosthetic replacement <i>Prosthetic replacement of entire bone with proximal and distal joint surfaces for tumour</i>	New code
212	NGB <i>Primary prosthetic replacement of knee joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NFN</i>	NGB <i>Primary prosthetic replacement of knee joint</i> <i>Includes: Primary replacement after previous fracture treatment or other operation on joint</i> <i>Additional code for bone graft, see: NFN</i> <i>Prosthetic replacement of entire femur with proximal and distal joint surfaces, see: NFR 89</i>	Cross reference added
225		NX Procedures on other defined sites of musculoskeletal system	New code group
255		NXL <i>Procedures on muscles and tendons of other defined sites of musculoskeletal system</i>	New code group
255		NXL 00 Biopsy of muscle <i>From any muscle of musculoskeletal system</i>	New code

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
227	<i>PAH</i> Bypass from arteries of aortic arch and branches	<i>PAH</i> <i>Bypass from arteries of aortic arch and branches</i> <i>Bypass from aortic arch to carotid artery, see: PXH 10</i>	Cross reference added
228	<i>PAT</i> <i>Injection of therapeutic or sclerosing agent into arteries of aortic arch and branches</i>	<i>PAT</i> <i>Injection of therapeutic agent into or percutaneous occlusion of arteries of aortic arch and branches</i> <i>Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
228	PAT 30 Injection of therapeutic or sclerosing agent into subclavian artery	PAT 30 Injection of therapeutic agent into or percutaneous occlusion of subclavian artery	Change of title
228	PAT 99 Injection of therapeutic or sclerosing agent into other arterial branch originating from aortic arch arteries	PAT 99 Injection of therapeutic agent into or percutaneous occlusion of other arterial branch originating from aortic arch arteries	Change of title
230	<i>PBT</i> <i>Injection of therapeutic agent into arteries of upper extremity</i> <i>Into surgically created arteriovenous fistula, see: PGU 87</i>	<i>PBT</i> <i>Injection of therapeutic agent into or percutaneous occlusion of arteries of upper extremity</i> <i>Of surgically created arteriovenous fistula, see: PGU 87</i> <i>Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
230	PBT 10 Injection of therapeutic agent into axillary artery	PBT 10 Injection of therapeutic agent into or percutaneous occlusion of axillary artery	Change of title
230	PBT 20 Injection of therapeutic agent into brachial artery	PBT 20 Injection of therapeutic agent into or percutaneous occlusion of brachial artery	Change of title
230	PBT 99 Injection of therapeutic agent into other artery of upper extremity	PBT 99 Injection of therapeutic agent into or percutaneous occlusion of other artery of upper extremity	Change of title
233	<i>PCT</i> <i>Injection of therapeutic or sclerosing agent into visceral arteries</i>	<i>PCT</i> <i>Injection of therapeutic agent into or percutaneous occlusion of visceral arteries</i> <i>Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
233	PCT 20 Injection of therapeutic or sclerosing agent into coeliac trunk and branches	PCT 20 Injection of therapeutic agent into or percutaneous occlusion of coeliac trunk and branches	Change of title
233	PCT 30 Injection of therapeutic or sclerosing agent into superior mesenteric artery	PCT 30 Injection of therapeutic agent into or percutaneous occlusion of superior mesenteric artery	Change of title

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
233	PCT 40 Injection of therapeutic or sclerosing agent into renal artery	PCT 40 Injection of therapeutic agent into or percutaneous occlusion of renal artery	Change of title
233	PCT 99 Injection of therapeutic or sclerosing agent into other visceral artery	PCT 99 Injection of therapeutic agent into or percutaneous occlusion of other visceral artery	Change of title
235	<i>PDT Injection of therapeutic or sclerosing agent into infrarenal abdominal aorta and iliac arteries</i>	<i>PDT Injection of therapeutic agent into or percutaneous occlusion of infrarenal abdominal aorta and iliac arteries Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
235	PDT 10 Injection of therapeutic or sclerosing agent into infrarenal abdominal aorta	PDT 10 Injection of therapeutic agent into or percutaneous occlusion of infrarenal abdominal aorta	Change of title
235	PDT 30 Injection of therapeutic or sclerosing agent into iliac artery	PDT 30 Injection of therapeutic agent into or percutaneous occlusion of iliac artery	Change of title
238	<i>PET Injection of therapeutic or sclerosing agent into femoral artery and branches and connection to popliteal artery</i>	<i>PET Injection of therapeutic agent into or percutaneous occlusion of femoral artery and branches and connection to popliteal artery Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
238	PET 10 Injection of therapeutic or sclerosing agent into femoral artery	PET 10 Injection of therapeutic agent into or percutaneous occlusion of femoral artery	Change of title
238	PET 11 Injection of therapeutic or sclerosing agent into deep femoral artery	PET 11 Injection of therapeutic agent into or percutaneous occlusion of deep femoral artery	Change of title
238	PET 12 Injection of therapeutic or sclerosing agent into superficial femoral artery	PET 12 Injection of therapeutic agent into or percutaneous occlusion of superficial femoral artery	Change of title
240	<i>PFT Injection of therapeutic or sclerosing agent into popliteal artery or artery of lower leg</i>	<i>PFT Injection of therapeutic agent into or percutaneous occlusion of popliteal artery or artery of lower leg Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA</i>	Change of title, cross reference added
240	PFT 10 Injection of therapeutic or sclerosing agent into popliteal artery	PFT 10 Injection of therapeutic agent into or percutaneous occlusion of popliteal artery	Change of title

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
240	PFT 30 Injection of therapeutic or sclerosing agent into artery of lower leg	PFT 30 Injection of therapeutic agent into or percutaneous occlusion of artery of lower leg	Change of title
242	<i>PHB Ligature of veins Includes: With division</i>	<i>PHB Ligature of veins Includes: With division Additional code for use of ultrasonographic imaging in haemodynamic corrective surgery of varices (CHIVA method), see: ZXM 00</i>	Cross reference added
243	<i>PHT Injection of therapeutic or sclerosing agent into veins</i>	<i>PHT Injection of therapeutic agent into or percutaneous occlusion of veins Additional code for use of thrombolytic or sclerosing agent or occluding material, see: ZPA Additional code for energy source in endoluminal occlusion, see: ZXC Additional code for use of ultrasonographic imaging, see: ZMA 00</i>	Change of title, cross reference added
243		PHT 10 Injection of therapeutic agent into or percutaneous occlusion of long saphenous vein	New code
243		PHT 11 Injection of therapeutic agent into or percutaneous occlusion of veins of saphenofemoral junction	New code
243		PHT 12 Injection of therapeutic agent into or percutaneous occlusion of short saphenous vein	New code
243		PHT 15 Injection of therapeutic agent into or percutaneous occlusion of communicating veins of lower leg or thigh	New code
243	PHT 23 Injection of therapeutic or sclerosing agent into iliac vein	PHT 23 Injection of therapeutic agent into or percutaneous occlusion of iliac vein	Change of title
243	PHT 31 Injection of therapeutic or sclerosing agent into renal vein	PHT 31 Injection of therapeutic agent into or percutaneous occlusion of renal vein	Change of title
243	PHT 99 Injection of therapeutic or sclerosing agent into other vein	PHT 99 Injection of therapeutic agent into or percutaneous occlusion of other vein	Change of title
246		<i>PXH Bypass involving other defined vascular site</i>	New code group
246		PXH 10 Bypass from aortic arch to carotid artery	New code
246	<i>PXX Other procedures on other defined vascular sites</i>	<i>PXX Miscellaneous procedures on other defined vascular sites</i>	Correction of typo

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
258	TCK 00 Photosensitisation of choroid and retina <i>As preparation for photocoagulation of lesion of choroid or retina</i>	Use new code ZXC 15 instead	Delete code
259		TEG 10 Injection of diagnostic or therapeutic substance into mandibular joint	New code
260		TBG 10 Percutaneous insertion of aspiration cannula into trachea	New code
262		TMA 20 Manual obstetric procedure in normal spontaneous delivery	New code
262	TN Minor procedures in orthopedic surgery <i>Regions are specified by position 3 of the code, represented by the place-holder y in TNy codes</i>	TN Minor procedures in orthopedic surgery <i>Regions are specified by position 3 of the code, represented by the place-holder y in TNy codes</i> <i>Injection of diagnostic or therapeutic substance into mandibular joint, see TEG 10</i>	Cross reference added
264		UEL Endoscopy of salivary ducts	New code group
264		UEL 02 Sialoscopy	New code
264		UEL 05 Sialoscopy with biopsy	New code
268		UKC 22 Urethrocystoscopy	New code
268		UKC 25 Urethrocystoscopy with biopsy	New code
274		ZP General qualifiers pertaining to surgery of peripheral vessels and lymphatic system	New code group
274		ZPA Intraoperative use of therapeutic agents and occluding material for injection	New code group
274		ZPA 00 Intraoperative use of thrombolytic agent	New code
275		ZPA 10 Intraoperative use of sclerosing foam	New code
275		ZPA 15 Intraoperative use of other sclerosing agent	New code
275		ZPA 20 Intraoperative use of occluding material	New code
275		ZQ General qualifiers pertaining to surgery of the skin <i>Includes: Subcutaneous tissue</i>	New code group
275		ZQX Specific technique for treatment of lesions of skin	New code group

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Page No. NCSP 1.11	Original text	Modification/Addition	Type of change
275		ZQX 00 Iterative technique for excision of lesion of skin <i>Microsurgical excision with repeated cuts as indicated by intraoperative microscopic examination of specimen (Mohs micrographic surgery, MMS)</i>	New code
276		ZXC 15 Use of photodynamic technique	New code
277		ZXM <i>Use of imaging techniques in surgery</i> <i>Includes: With use of contrast medium</i>	New code group with inclusion note
277		ZXM 00 Intraoperative use of ultrasonographic imaging <i>Includes: With use of Doppler technique</i>	New code with inclusion note
277		ZXM 10 Intraoperative use of conventional X-ray imaging	New code
277		ZXM 20 Intraoperative use of computerised tomography	New code
277		ZXM 30 Intraoperative use of magnetic resonance imaging	New code
280	PX Unspecified region <i>(Not in use)</i>	PX Other specified region	Correction of Appendix 1

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