

NOMESCO Classification of Surgical Procedures

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87:2009

Nordic Medico-Statistical Committee (NOMESCO)

NOMESCO Classification of Surgical Procedures (NCSP), version 1.14

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Nordic Centre for Classifications in Health Care

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Cover by: Sistersbrandts Designstue, Copenhagen

Printed by: AN:sats - Tryk & Design a-s, Copenhagen 2008

ISBN 978-87-89702-69-8

Preface to NOMESCO Classification of Surgical Procedures Version 1.14

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 have used 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 Oslo, Norway. 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 final 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 fourteen times. NCSP Version 1.14 is effective from January 1, 2010.

NOMESCO and the Nordic Centre decided to make new printed copies of the Nordic version of NCSP available to interested parties on a print-on-demand basis. This version of NCSP 1.14 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 fourteen 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 thirteenth and fourteenth revisions are presented in Appendix 2. The changes in the earlier revisions are presented at the website of the Nordic Centre (<http://www.nordclass.org>).

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.org>)

Oslo and Copenhagen November 2009

Arnt Ole Ree
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 UDQ – 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:

- ZC codes specify the use of certain techniques in surgery of the eye.
- 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).
- ZP codes specify the use of certain techniques in surgery of peripheral vessels and lymphatic system.
- ZQ codes specify the use of certain techniques in surgery of the skin. *Includes : Subcutaneous tissue.*
- 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.
- ZU codes specify the use of certain techniques in transluminal endoscopy.
- ZX codes characterise various circumstances and events in surgery.
- 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.

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, etc.).
- 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 pathologic 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.

STRUCTURE AND CLASSIFICATION GUIDELINES

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: AAD 40

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*

Operation for ptosis of eyebrow only, see: CBJ 50

- 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*

Additional code for tissue destructive physical or chemical agent, see: ZXC

ABB 00 Excision of lesion of spinal canal
Includes: Removal of foreign body
 ABB 02 Excision of lesion of nerve root
Includes: Total or partial excision of nerve root
 ABB 04 Destruction of lesion of nerve root
 ABB 06 Percutaneous destruction of lesion of nerve root
Additional code for imaging technique, see: ZXM
Additional code for laparoscopic access, see: ZXC 90
 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

NERVOUS SYSTEM

- 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 myelocele 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 glands

BBA Parathyroid gland

BBA 10	Biopsy of parathyroid gland
BBA 20	Exploration of parathyroid gland
BBA 30	Excision of parathyroid gland <i>Excision of one or two parathyroid glands with more than one gland remaining</i>
BBA 40	Subtotal parathyroidectomy <i>Excision of all but one parathyroid glands</i>
BBA 50	Total parathyroidectomy <i>Excision of all parathyroid glands</i>
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 <i>Includes: Drainage, removal of foreign body</i>
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
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BW Reoperations in endocrine surgery

BWA Repair of wound dehiscence in endocrine surgery

BWA 00	Repair of wound dehiscence in endocrine surgery
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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 and eyebrow
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 and eyebrow**

Operations on eyebrow for other conditions than ptosis, see: QAF

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 32 Destruction of lesion of eyelid
Additional code for use of laser or other technique, see: ZXC
- 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 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 11 Opening of flap after reconstruction of eyelid

CBD 99 Other plastic reconstruction of eyelid

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

Shortening of canthal ligament, see: CBN 30

CBH 00 Canthotomy

CBH 05 Canthopexy

CBH 10 Plastic repair of canthus

Includes: With use of graft

CBH 25 Tarsorrhaphy

Includes: Total tarsorrhaphy (medial and lateral)

CBH 40 Division of tarsorrhaphy

CBH 50 Reconstructive operation for epicanthus

CBH 99 Other operation on canthus

CBJ *Operations for ptosis of eyelid and eyebrow*

- CBJ 00 Suture of eyelid for ptosis
 CBJ 10 Correction of ptosis of eyelid using sling
 Includes: Sling of fascia lata or synthetic material
 CBJ 20 Tarsomyectomy for ptosis
 CBJ 30 Plastic repair of levator aponeurosis of eyelid
 CBJ 40 Resection of levator muscle of eyelid
 CBJ 45 Shortening of superior tarsal muscle
 Synonym: Müller's muscle
 CBJ 50 Operation for ptosis of eyebrow
 Other operations for facial nerve palsy, see: AAP
 CBJ 99 Other operation for ptosis

CBK *Operations for lagophthalmus and retraction of eyelid*

- CBK 00 Correction of retraction of eyelid
 Includes: Myotomy or partial excision of tarsal or levator muscle of eyelid
 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

CBN *Operations for entropion and ectropion*

- CBN 00 Eversion suture of eyelid
 CBN 10 Transposition and shortening of orbicularis muscle
 CBN 20 Shortening of eyelid retractors
 CBN 30 Shortening of canthal ligament
 CBN 40 Excision of tarsus
 CBN 50 Excision of tarsus and skin
 CBN 60 Excision of scar of eyelid and plastic reconstruction
 Additional code for characterisation of technique and type of flap, see: ZZ
 CBN 99 Other operation on eyelid for malposition

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 85 Combined correction of cyclodeviation
Eponym: Harado-Ito operation
- 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 Posterior fixation suture of extraocular muscle
Synonym: faden operation

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 15 Destruction of lesion of conjunctiva

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

CFC 16 Destruction of lesion of cornea

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

CFC 26 Destruction of lesion of sclera

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

CFC 30 Excision of trachoma follicles

CFD *Repair of conjunctiva*

CFD 00 Repair of conjunctiva without graft

CFD 10 Repair of conjunctiva using graft

Includes: Release of scar of conjunctiva

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 15 Thermokeratoplasty

Additional code for laser thermokeratoplasty (LTK), see ZXC 10, for conductive keratoplasty (CK – use of radio waves), see ZXC 35

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 30 Sclerectomy

CGE 45 Repair of cornea using limbal stem cell graft

Supplementary codes for source of limbal stem cells, see: ZCG 50-ZCG 53

CGE 50 Excision of pterygium

CGE 55 Excision of pterygium with transplantation 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 35 Repair of cornea with graft

Additional code for free graft of amniotic membrane, see: ZZL 00, of conjunctiva, see: ZZU 10

- 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 Anterior lamellar transplantation of cornea
 CGG 31 Posterior lamellar transplantation of cornea
 CGG 35 Transplantation of endothelium 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
Additional code for use of laser, see: ZXC 10
 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
Synonym: Laser iridoplasty
 CHC 10 Peripheral iridectomy
 CHC 20 Sector iridectomy
Pupil to root
 CHC 30 Central iridectomy
Sphincterectomy

CHD *Filtering operations*

- CHD 00 Laser trabeculoplasty
 CHD 06 Selective laser trabeculoplasty
 CHD 10 Trabeculectomy
 CHD 15 Trabeculectomy and iridectomy
 CHD 20 Trephine of sclera
 CHD 25 Trephine of sclera and iridectomy
 CHD 28 Posterior sclerotomy
 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 30 Suture of iris
 CHE 35 Repair of defect of iris using prosthetic implant
 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 12 Endoscopic 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 40 Laser anterior capsulotomy

In capsule contraction after cataract surgery

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

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

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 <i>Endoscopic biopsy, see: UDH 05</i>
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 <i>Synonym: Turbinectomy</i>
DHB 45	Destruction of turbinate tissue <i>Additional code for use of radiowave or related technique, see: ZXC</i>
DHB 50	Turbinoplasty
DHC 05	Removal of penetrating foreign body from nose <i>From skin or subcutaneous tissue of nose, see: QAC 00</i> <i>From cavity of nose, see: TDH 10</i>
DHC 10	Removal of implant from bone of nose
DHD 00	Internal suture of nose <i>External suture, see: QAB 00</i>
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 <i>Eponym: Claoué</i>
DMB 10	Radical maxillary antrotomy <i>Eponym: Caldwell-Luc</i>
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 <i>Needle biopsy, see: TDN 00</i>
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 40 Extraradicular repair of dental root canal
In root canal perforation and inflammatory extraradicular or cervical resorption
- 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 Ligation 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 <i>Additional code for use of laser or related technique, see: ZXC</i>
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 <i>Includes: Debridement</i>
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
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EN Pharynx and adjacent structures***ENA Incision and biopsy of pharynx and adjacent structures***

	<i>Includes: Pharyngostomy</i>
ENA 00	Internal incision of pharynx <i>Includes: Drainage</i>
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

EWV Other reoperations in surgery of teeth, jaws, mouth and pharynx

EWV 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.
<i>Note: Procedures not otherwise specified in the code texts are by open approach.</i> |
| Digits 1, 4 and 7: | Endoscopic operations or procedures through puncture or incision
<i>Includes: Thoracoscopic procedures.</i>
<i>Includes: Use of auxiliary stabs or minor incisions.</i>
<i>Note: In the code texts, these procedures are specified as thoracoscopic.</i> |
| 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-ventricular aortic stenosis*

- Includes: Use of implant*
 FDG 00 Reconstruction of ascending aorta for supra-ventricular aortic stenosis
 FDG 10 Reconstruction of ascending aorta for supra-ventricular aortic stenosis using patch
 FDG 96 Other operation for supra-ventricular 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 antero-septal myocardial infarction
- FHA 20 Closure of VSR in postero-septal 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 12 Percutaneous transluminal replacement of pulmonary valve using biological prosthesis
Additional code for imaging technique, see: ZXM
 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 12 Percutaneous transluminal replacement of aortic valve using biological prosthesis
Additional code for imaging technique, see: ZXM
- FMD 13 Percutaneous transapical replacement of aortic valve using biological prosthesis
Additional code for imaging technique, see: ZXM
- 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 36 Implantation of transvenous cardioverter-defibrillator with generator and with biventricular 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

FPK Implantation of cardiac monitoring device

- FPK 00 Implantation of electrocardiograph with loop recorder

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
- THE*** *Reoperation for deep haemorrhage in surgery of heart and major thoracic vessels*
 THE 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 <i>Includes (Chapter G): Thoracoscopy and thoracoscopic procedures</i>
Digits 2, 5 and 8:	Transluminal endoscopic procedures, i.e. through natural or artificial body orifices <i>Includes (Chapter G): Tracheoscopic and bronchoscopic procedures, endoscopic procedures through pleuro-cutaneous window</i> <i>Diagnostic transluminal endoscopy, including endoscopy of pleura through pleuro-cutaneous window, see: UG (Chapter U).</i>

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 999bronchus
 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 57 Excision 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
JX	Abdominal operations with other or overlapping anatomical location

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

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

- JBA 20 Transabdominal partial excision of diaphragm

- JBA 21 Laparoscopic partial excision of diaphragm

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 45 Endoscopic mucosal or submucosal resection in oesophagus
Additional code for excisional technique, 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 Transsection 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 45 Endoscopic mucosal or submucosal resection in stomach or pylorus

Additional code for excisional technique, 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 oesophagogastrostomy

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 52 Endoscopic mucosal or submucosal resection in duodenum
Additional code for excisional technique, see: ZXC
- 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 colonoscopy 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 Stricturoplasty 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 85 Endoscopic mucosal or submucosal resection in colon
Additional code for excisional technique, see: ZXC
- 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 Jejunioleal 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 jejunioleal bypass
- JFD 13 Revision of duodenoileal bypass
- JFD 20 Restoration of continuity after jejunioleal 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 <i>Anterior wall closure of jejunostomy or ileostomy</i>
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 <i>Includes: With or without closure or excision of anal remnant</i> <i>Additional code for ileostomy, see: JFF 10, JFF 13</i> <i>Additional code for ileorectal anastomosis, see: JFC 40</i> <i>With construction of new pouch, see: JFC 86</i> <i>With concomitant excision of rectum, see: JGB 40</i>
JFG 76	Excision of colonic pelvic pouch with colorectal or coloanal anastomosis <i>With construction of new colonic pelvic pouch, see: JFG 83</i> <i>Excision of coloanal pouch with colostomy and distal closure, see: JFB 60-63</i> <i>Excision of colorectal pouch with colostomy and distal closure, see: JGB 10</i> <i>Excision of colonic pelvic pouch and anorectal remnant, see: JGB 30</i>
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 76 Stapled transanal rectal resection
STARR procedure for obstructed defecation syndrome
- 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 *Local operations on 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
With use of seton
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 50 Excision of fistula-in-ano with advancement flap of mucosa
- JHD 60 Occlusion of fistula-in-ano with use of collagen
- JHD 63 Occlusion of fistula-in-ano with use of fibrin
- 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 gastrojejunostomy) 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: TJL 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: TJL 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

JX Abdominal operations with other or overlapping anatomical location

JXA Extensive abdominal operations with overlapping anatomical location

Excisional operations for extensive tumours without known origin in organs or defined anatomical structures, involving more than one Chapter J two-character group

Includes: Excision of such abdominal tumours extending into retroperitoneal space

Additional codes are required for organ or local structure excisions, see: relevant chapter J group code

- JXA 00 Intralesional excision of extensive tumour of abdominal wall without defined origin in JA subgroup
- JXA 03 Marginal excision of extensive tumour of abdominal wall without defined origin in JA subgroup
- JXA 06 Wide excision of extensive tumour of abdominal wall without defined origin in JA subgroup
- JXA 10 Intralesional excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group
- JXA 13 Marginal excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group
- JXA 16 Wide excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group

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
KX	Abdominal operations on urinary system or retroperitoneal space with other or overlapping anatomical location

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

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*

Additional code for tissue destructive physical or chemical agent, see: ZXC,

Additional code for imaging technique, see: ZXM

- 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 56	Destruction of lesion of renal parenchyma
KAD 60	Percutaneous destruction of lesion of renal parenchyma
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 <i>Includes: With lithotripsy</i>
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 <i>Retrograde incision of stenosis of ureteropelvic junction</i>

- 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 05 Cystoscopic repositioning of stent in 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 15 Cystoscopic change of stent in 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 Continent cutaneous cystoenterostomy

Includes: with conduit of appendix (eponym: Mitrofanoff) or tube of small intestine (eponym: Monti) tunnelled through bladder wall, or conduit of small intestine with nipple

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: Ellik**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 Urethroscopic destruction of tumour of urethra

KDD 40 Resection of external sphincter of urethra

KDD 42 Urethroscopic 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 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
Laprosopic 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 43 Transobturatorial sling urethrocystopexy
With transvaginal approach, see: LEG 13
- KDG 50 Transabdominal plastic repair of pelvic floor for urinary incontinence
- KDG 96 Other operation on urethra or bladder neck for incontinence
- KDG 97 Other percutaneous endoscopic operation on 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 Urethroscopic 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 Urethroscopic internal urethrotomy
 KDV 15 Urethroscopic 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 scrotum and 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 63 Partial excision of scrotum
 KFD 70 Excision of lesion of skin of scrotum
 KFD 73 Destruction of lesion of skin of scrotum

Additional code for tissue destructive physical or chemical agent, see: ZXC

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

Additional code for tissue destructive physical or chemical agent, see: ZXC

KGD 20 Destruction of lesion of skin of penis

Additional code for tissue destructive physical or chemical agent, see: ZXC

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 05 Suture of skin 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

KX Abdominal operations on urinary system or retroperitoneal space with other or overlapping anatomical location***KXK Extensive operations on retroperitoneal space with other or overlapping anatomical location****Exisional operations for extensive tumours without known origin in organs or defined anatomical structures, involving more than one Chapter K two-character group**Includes: Excision of such retroperitoneal tumours extending into peritoneal cavity or abdominal wall**Additional codes are required for organ or local structure excisions, see: relevant chapter K group codes*

KXK 00 Intralesional excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group

KXK 03 Marginal excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group

KXK 06 Wide excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group

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

Falloscopy, 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
Falloscopic 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 Falloscopic 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**

Procedures on skin of perineum only, see QB

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*

Repair of skin of perineum only, see QB

- 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 <i>Excludes: Of component of total prosthesis</i>
NBC 1y	Secondary implantation of partial prosthesis in humero-scapular joint using cement <i>Excludes: Of component of total prosthesis</i>
NBC 2y	Secondary implantation of total prosthesis in humero-scapular joint not using cement <i>Includes: Of component of total prosthesis</i>
NBC 3y	Secondary implantation of total prosthesis in humero-scapular joint using hybrid technique <i>Includes: Of component of total prosthesis</i>
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 <i>Includes: Excision of synovial plica</i>
NBF 2y	Fixation of fragment of surface of humero-scapular joint <i>Includes: Of fragment of cartilage or cartilage and bone</i> <i>Includes: In osteochondritis or traumatic lesion</i>
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 <i>Includes: Sequestrectomy</i>
NBK 1y	Partial or total excision of bone of shoulder or upper arm <i>Includes: Of exostosis not adjacent to joint</i>
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 <i>Excludes: Of component of total prosthesis</i>
NCC 1y	Secondary implantation of partial prosthesis in elbow joint using cement <i>Excludes: Of component of total prosthesis</i>
NCC 2y	Secondary implantation of total prosthesis in elbow joint not using cement <i>Includes: Of component of total prosthesis</i>
NCC 3y	Secondary implantation of total prosthesis in elbow joint using hybrid technique <i>Includes: Of component of total prosthesis</i>
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 <i>Includes: Excision of synovial plica</i>
NCF 2y	Fixation of fragment of surface of elbow joint <i>Includes: Of fragment of cartilage or cartilage and bone</i> <i>Includes: In osteochondritis or traumatic lesion</i>
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 <i>Excludes: Of dislocation of prosthesis</i>
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 <i>Excludes: All procedures included in NCB-NCG</i>

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

MUSCULOSKELETAL SYSTEM

NCK 0y	Excision of fragment of bone of elbow or forearm <i>Includes: Sequestrectomy</i>
NCK 1y	Partial or total excision of bone of elbow or forearm <i>Includes: Of exostosis not adjacent to joint</i>
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 NCUCodes:**

- 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

MUSCULOSKELETAL SYSTEM

NDC 0y	Secondary implantation of partial prosthesis in joint of wrist not using cement <i>Excludes: Of component of total prosthesis</i>
NDC 1y	Secondary implantation of partial prosthesis in joint of wrist using cement <i>Excludes: Of component of total prosthesis</i>
NDC 2y	Secondary implantation of total prosthesis in joint of wrist not using cement <i>Includes: Of component of total prosthesis</i>
NDC 3y	Secondary implantation of total prosthesis in joint of wrist using hybrid technique <i>Includes: Of component of total prosthesis</i>
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 <i>Includes: Excision of synovial plica</i>
NDF 2y	Fixation of fragment of surface of joint of wrist or hand <i>Includes: Of fragment of cartilage or cartilage and bone</i> <i>Includes: In osteochondritis or traumatic lesion</i>
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 <i>E.g.: Using sliding nail</i>
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 <i>Includes: Sequestrectomy</i>
NDK 1y	Partial or total excision of bone of wrist or hand <i>Includes: Of exostosis not adjacent to joint</i>
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 62	Primary prosthetic replacement of joint surface of femoral head <i>Includes: Coated prosthesis</i>
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 <i>Excludes: Of component of total prosthesis</i>
NFC 1y	Secondary implantation of partial prosthesis in hip joint using cement <i>Excludes: Of component of total prosthesis</i>
NFC 2y	Secondary implantation of total prosthesis in hip joint not using cement <i>Includes: Of component of total prosthesis</i>
NFC 3y	Secondary implantation of total prosthesis in hip joint using hybrid technique <i>Includes: Of component of total prosthesis</i>
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 47 Total separation of growth plate of femur
Epiphyseodesolysis
- NFK 48 Partial separation of growth plate of femur
Hemiepiphyseodesolysis
- 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 <i>Includes: Excision of synovial plica</i>
NGF 2y	Suture or reinsertion of ligament of knee <i>Includes: Of fragment of cartilage or cartilage and bone</i> <i>Includes: In osteochondritis or traumatic lesion</i>
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 <i>Excludes: Of dislocation of prosthesis</i>
NGH 1y	Reduction of dislocation of patella <i>Excludes: Of dislocation of prosthesis</i>
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 47 Total separation of growth plate of lower leg
Epiphyseodesolysis
 NGK 48 Partial separation of epiphyseal growth plate of lower leg
Hemiepiphyseodesolysis
 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 <i>Excludes: Of component of total prosthesis</i>
NHC 1y	Secondary implantation of partial prosthesis in ankle joint using cement <i>Excludes: Of component of total prosthesis</i>
NHC 2y	Secondary implantation of total prosthesis in ankle joint not using cement <i>Includes: Of component of total prosthesis</i>
NHC 3y	Secondary implantation of total prosthesis in ankle joint using hybrid technique <i>Includes: Of component of total prosthesis</i>
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 <i>Includes: Excision of synovial plica</i>
NHF 2y	Fixation of fragment of surface of joint of ankle or foot <i>Includes: Of fragment of cartilage or cartilage and bone</i> <i>Includes: In osteochondritis or traumatic lesion</i>
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 Dissection 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

NXW Reoperations on other defined sites of musculoskeletal system

NXW 49 Repair of wound dehiscence in surgery of other defined sites of musculoskeletal system

NXW 59 Reoperation for superficial infection in surgery of other defined sites of musculoskeletal system

Includes: For wound infection

NXW 69 Reoperation for deep infection in surgery of other defined sites of musculoskeletal system

Includes: For infection at the site of target structures

NXW 79 Reoperation for superficial haemorrhage in surgery of other defined sites of musculoskeletal system

Includes: For wound haemorrhage or haematoma

NXW 89 Reoperation for deep haemorrhage in surgery of other defined sites of musculoskeletal system

Includes: For haemorrhage or haematoma at the site of target structure

NXW 99 Other reoperation in surgery of other defined sites 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 Ligation of arteries of upper extremity

- PBB 10 Ligation of axillary artery
 PBB 20 Ligation of brachial artery
 PBB 30 Ligation of radial or ulnar artery
 PBB 99 Ligation 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

PFPP Percutaneous plastic repair of popliteal artery or artery of lower leg

- PFPP 10 Percutaneous plastic repair of popliteal artery
 PFPP 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 30 Resection of inferior vena cava
- PHD 32 Resection of superior mesenteric or portal vein
- 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 30 Bypass from inferior vena cava
 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 32 Plastic repair of superior mesenteric or portal vein
 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 32 Injection of therapeutic agent into or percutaneous occlusion of portal vein
Includes: Of branches of portal 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*
- PWE 00 Reoperation for deep haemorrhage in surgery of peripheral vessels and lymphatic system
Haemorrhage or haematoma at the site of target structures
- 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

TCB 20	Therapeutic injection into eyelid <i>For blepharospasm</i>
TCB 30	Removal of ptosis suture from eyelid
TCB 35	Adjustment of ptosis suture
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 <i>Removal of foreign body penetrated below level of skin of external auditory canal, see: DBW 99</i>
TDC 00	Needle biopsy of tympanic membrane
TDH 00	Needle biopsy of nose
TDH 10	Removal of foreign body from cavity of nose <i>Removal of penetrating foreign body from nose, see: DHC 10, from skin or subcutaneous tissue of nose, see: QAC 00</i>
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
THE 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 Thoracocentesis
- 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 local drainage of peritoneal cavity
Includes: Drainage of abscess, haematoma or localised ascites
Abdominal paracentesis, see: TJA 10
Percutaneous introduction of peritoneal dialysis catheter, see: TJA 33
- TJA 50 Introduction of intraperitoneal injection port
- TJA 55 Removal of intraperitoneal injection port
- TJC 00 Insertion of balloon 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 <i>Includes: By injection</i>
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 <i>Includes: Percutaneous transgastric drainage</i>
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 <i>Includes: Drainage</i>
TKC 00	Needle biopsy of bladder
TKC 10	Percutaneous puncture of bladder <i>Includes: Drainage</i>
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 <i>Includes: Drainage</i>
TKF 00	Needle biopsy of testis
TKF 05	Aspiration cytology of testis
TKF 10	Puncture of testis <i>Includes: Drainage</i>
TKF 20	Needle biopsy of epididymis
TKF 25	Aspiration cytology of epididymis
TKF 30	Puncture of epididymis <i>Includes: Drainage</i>
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
- TPW 99 Other minor surgical procedure on peripheral vessel or lymphatic system
- TPX 00 Biopsy of artery or vein
- TPX 10 Implantation of vascular injection port
- TPX 15 Removal of vascular injection port

TQ Minor surgical procedures on skin

- TQW 99 Other minor procedure on skin
- TQX 00 Biopsy of skin
- TQX 10 Needle biopsy of skin
- TQX 40 Removal of sutures of skin
- TQX 50 Adjustment of volume of tissue expander

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
Endoscopy of rectum in the course of colonoscopy and flexible sigmoidoscopy, see: UJF
- UJG 05 Proctoscopy with biopsy
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

UJX ***Capsule endoscopy of gastrointestinal tract***

- UJX 00 Capsule endoscopy of small intestine

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 Urethroncystoscopy
- UKC 25 Urethroncystoscopy 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
Oesophagosopic 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

- YW** Reoperations after procurement of organs or tissue for transplantation
- YWA** *Repair of wound dehiscence after procurement of organs or tissue for transplantation*
- YWA 00 Repair of wound dehiscence after procurement of organs or tissue for transplantation
- YWB** *Reoperation for superficial infection after procurement of organs or tissue for transplantation*
- Includes: For wound infection*
- YWB 00 Reoperation for superficial infection after procurement of organs or tissue for transplantation
- YWC** *Reoperation for deep infection after procurement of organs or tissue for transplantation*
- Includes: Infection in body cavity or at the site of target organ or structures*
- YWC 00 Reoperation for deep infection after procurement of organs or tissue for transplantation
- YWC 01 Percutaneous endoscopic reoperation for deep infection after procurement of organs or tissue for transplantation
- YWD** *Reoperation for superficial haemorrhage after procurement of organs or tissue for transplantation*
- Includes: Wound haemorrhage or haematoma*
- YWD 00 Reoperation for superficial haemorrhage after procurement of organs or tissue for transplantation
- YWE** *Reoperation for deep haemorrhage after procurement of organs or tissue for transplantation*
- Includes: Haemorrhage or haematoma in body cavity or at the site of target organ or structures*
- YWE 00 Reoperation for deep haemorrhage after procurement of organs or tissue for transplantation
- YWE 01 Percutaneous endoscopic reoperation for deep haemorrhage after procurement of organs or tissue for transplantation
- YWF** *Reoperation for insufficiency of anastomosis or suture after procurement of organs or tissue for transplantation*
- YWF 00 Reoperation for insufficiency of anastomosis or suture after procurement of organs or tissue for transplantation
- YWF 01 Percutaneous endoscopic reoperation for insufficiency of anastomosis or suture after procurement of organs or tissue for transplantation

YWW Other reoperation after procurement of organs or tissue for transplantation

YWW 96 Other reoperation after procurement of organs or tissue for transplantation

YWW 97 Other percutaneous endoscopic reoperation after procurement of organs or tissue for transplantation

CHAPTER Z

General qualifiers pertaining
to all other chapters

ZC General qualifiers pertaining to eye surgery

ZCG Specific techniques for surgery of cornea and sclera

ZCG 50 Use of limbal stem cell autograft

ZCG 51 Use of limbal stem cell allograft

ZCG 53 Use of limbal stem cell graft from cell culture

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

ZQL *Longitudinal extent of surgery for localised lesions of skin*

If the codes are used together with skin excision procedures the extent should be measured before cutting through the skin due to variations in skin retraction. In reconstructive surgery, the extent of mobilising maneuvers, such as undermining of wound edges, additional incisions to relieve tension or the extent of advancement flaps should be taken into account. Longitudinal refers to the shape of the target area for surgery

ZQL 01 Longitudinal extent of surgery for localised lesion of skin less than 10 mm
 ZQL 02 Longitudinal extent of surgery for localised lesion of skin 10-19 mm
 ZQL 03 Longitudinal extent of surgery for localised lesion of skin 20-29 mm
 ZQL 04 Longitudinal extent of surgery for localised lesion of skin 30-39 mm
 ZQL 05 Longitudinal extent of surgery for localised lesion of skin 4 - 5 cm
 ZQL 10 Longitudinal extent of surgery for localised lesion of skin 6-10 cm
 ZQL 15 Longitudinal extent of surgery for localised lesion of skin 11-15 cm
 ZQL 20 Longitudinal extent of surgery for localised lesion of skin 16-20 cm
 ZQL 25 Longitudinal extent of surgery for localised lesion of skin 21-25 cm
 ZQL 30 Longitudinal extent of surgery for localised lesion of skin 26-30 cm
 ZQL 35 Longitudinal extent of surgery for localised lesion of skin 31-35 cm
 ZQL 40 Longitudinal extent of surgery for localised lesion of skin 36-40 cm
 ZQL 50 Longitudinal extent of surgery for localised lesion of skin 41-50 cm
 ZQL 60 Longitudinal extent of surgery for localised lesion of skin 51-60 cm
 ZQL 70 Longitudinal extent of surgery for localised lesion of skin 61-70 cm
 ZQL 80 Longitudinal extent of surgery for localised lesion of skin 71-80 cm
 ZQL 90 Longitudinal extent of surgery for localised lesion of skin 81-90 cm
 ZQL 99 Longitudinal extent of surgery for localised lesion of skin more than 90 cm

ZQW *Transverse extent of surgery for localised lesions of skin*

If the codes are used together with skin excision procedures the extent should be measured before cutting through the skin due to variations in skin retraction. In reconstructive surgery, the extent of mobilising maneuvers, such as undermining of wound edges, additional incisions to relieve tension or the extent of advancement flaps should be taken into account. Transverse refers to the shape of the target area for surgery.

ZQW 01	Transverse extent of surgery for localised lesion of skin less than 10 mm
ZQW 02	Transverse extent of surgery for localised lesion of skin 10-19 mm
ZQW 03	Transverse extent of surgery for localised lesion of skin 20-29 mm
ZQW 04	Transverse extent of surgery for localised lesion of skin 30-39 mm
ZQW 05	Transverse extent of surgery for localised lesion of skin 4–5 cm
ZQW 10	Transverse extent of surgery for localised lesion of skin 6-10 cm
ZQW 15	Transverse extent of surgery for localised lesion of skin 11-15 cm
ZQW 20	Transverse extent of surgery for localised lesion of skin 16-20 cm
ZQW 25	Transverse extent of surgery for localised lesion of skin 21-25 cm
ZQW 29	Transverse extent of surgery for localised lesion of skin more than 25 cm

ZQX *Specific technique for treatment of lesions of skin*

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>
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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 Intraspinous 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
- ZXM 40 Intraoperative use of fluorescent substance

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
- ZZR 70 Flap of mammary gland tissue

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 miscellaneous tissue*

- ZZU 00 Free graft of mucosa
- ZZU 10 Free graft of conjunctiva

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 1.14, effective from 1 January 2010

Page No. NCSP 1.13	Original text	Modification/Addition	Type of change
25	AAP Reconstructive operations for facial palsy	AAP Reconstructive operations for facial palsy <i>Operation for ptosis of eyebrow only, see: CBJ 50</i>	New note
35	CB Eyelid	CB Eyelid and eyebrow <i>Operations on eyebrow for other conditions than ptosis, see: QAF</i>	Addition to category text, added note
35		CBB 32 Destruction of lesion of eyelid <i>Additional code for use of laser or other technique, see: ZXC</i>	New code with note
35	CBB 35 Cryotherapy of lesion of eyelid		Code deleted
35	CBB 40 Electrocoagulation of lesion of eyelid		Code deleted
35	CBB 99 Other excision or destruction of lesion of eyelid	CBB 99 Other excision of lesion of eyelid	Change of category text
36		CBD 11 Opening of flap after reconstruction of eyelid	New code
36	CBE Operations for entropion		Code group deleted
36	CBE 00 Suture of eyelid for entropion		Code deleted
36	CBE 10 Transposition and shortening of orbicularis muscle for entropion		Code deleted
36	CBE 20 Shortening of eyelid retractors for entropion		Code deleted
36	CBE 30 Horizontal shortening for entropion		Code deleted
36	CBE 40 Combined correction of entropion		Code deleted
36	CBE 99 Other operation for entropion		Code deleted
36	CBF Operations for ectropion		Code group deleted
36	CBF 00 Electrocauterisation of eyelid for ectropion		Code deleted
36	CBF 10 Shortening of canthal ligaments for ectropion		Code deleted

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Page No. NCSP 1.13	Original text	Modification/Addition	Type of change
36	CBF 20 Excision of tarsus for ectropion		Code deleted
36	CBF 30 Excision of tarsus and skin for ectropion		Code deleted
36	CBF 40 Plastic repair of eyelid for cicatricial ectropion		Code deleted
36	CBF 99 Other operation for ectropion		Code deleted
36	CBH Operations on canthus	CBH Operations on canthus <i>Shortening of canthal ligament, see: CBN 30</i>	New note
36	CBH 20 Central tarsorrhaphy		Code deleted
36		CBH 25 Tarsorrhaphy <i>Includes: Total tarsorrhaphy (medial and lateral)</i>	New code with note
36	CBH 30 Lateral or medial tarsorrhaphy		Code deleted
37	CBJ Operations for ptosis	CBJ Operations for ptosis of eyelid and eyebrow	Addition to category text
37	CBJ 10 Fascia lata sling for ptosis of eyelid	CBJ 10 Correction of ptosis of eyelid using sling <i>Includes: Sling of fascia lata or synthetic material</i>	Change of category text, new note
37		CBJ 45 Shortening of superior tarsal muscle <i>Synonym: Müller's muscle</i>	New code with note
37	CBJ 50 Operation for ptosis of eyebrow	CBJ 50 Operation for ptosis of eyebrow <i>Other operations for facial nerve palsy, see: AAP</i>	New code with note
37	CBK 00 Myotomy of eyelid for retraction <i>Includes: Of tarsal muscle and levator muscle</i>	CBK 00 Correction of retraction of eyelid <i>Includes: Myotomy or partial excision of tarsal or levator muscle of eyelid</i>	Changed category text and note
37		CBN Operations for entropion and ectropion	New code group
37		CBN 00 Eversion suture of eyelid	New code
37		CBN 10 Transposition and shortening of orbicularis muscle	New code
37		CBN 20 Shortening of eyelid retractors	New code
37		CBN 30 Shortening of canthal ligament	New code
37		CBN 40 Excision of tarsus	New code
37		CBN 50 Excision of tarsus and skin	New code
37		CBN 60 Excision of scar of eyelid and plastic reconstruction <i>Additional code for characterisation of technique and type of flap, see: ZZ</i>	New code

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Page No. NCSP 1.13	Original text	Modification/Addition	Type of change
37		CBN 99 Other operation on eyelid for malposition	New code
39		CEC 85 Combined correction of cyclodeviation <i>Eponym: Harado-Ito operation</i>	New code with note
39	CEE 00 Fixation suture of extraocular muscle	CEE 00 Posterior fixation suture of extraocular muscle <i>Synonym: faden operation</i>	Changed category text, new note
40	CFC 10 Laser therapy of lesion of conjunctiva		Deleted code
40		CFC 15 Destruction of lesion of conjunctiva <i>Additional code for use of laser or other technique, see: ZXC</i>	New code with note
40		CFC 16 Destruction of lesion of cornea <i>Additional code for use of laser or other technique, see: ZXC</i>	New code with note
40	CFC 20 Cryotherapy of lesion of conjunctiva		Deleted code
40		CFC 26 Destruction of lesion of sclera <i>Additional code for use of laser or other technique, see: ZXC</i>	New code with note
40	CFD 10 Repair of conjunctiva using graft	CFD 10 Repair of conjunctiva using graft <i>Includes: Release of scar of conjunctiva</i>	New note
41		CGD 15 Thermokeratoplasty <i>Additional code for laser thermokeratoplasty (LTK), see ZXC 10, for conductive keratoplasty (CK – use of radio waves), see ZXC 35</i>	New code with note
41	CGE 15 Laser therapy of cornea		Deleted code
41	CGE 20 Thermocauterisation of lesion of cornea		Deleted code
41	CGE 25 Cryotherapy of cornea		Deleted code
41	CGE 35 Laser therapy of sclera		Deleted code
41	CGE 40 Thermocauterisation of lesion of sclera		Deleted code
41		CGE 45 Repair of cornea using limbal stem cell graft <i>Supplementary codes for source of limbal stem cells, see: ZCG 50-ZCG 53</i>	New code with note
41		CGF 35 Repair of cornea with graft <i>Additional code for free graft of amniotic membrane, see: ZZL 00, of conjunctiva, see: ZZU 10</i>	New code with note

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41		CGG 35 Transplantation of endothelium of cornea	New code
42	CHB 20 Goniopuncture	CHB 20 Goniopuncture <i>Additional code for use of laser, see: ZXC 10</i>	New note
42	CHC 05 Laser iridotomy	CHC 05 Laser iridotomy <i>Synonym: Laser iridoplasty</i>	New note
42		CHD 06 Selective laser trabeculoplasty	New code
42		CHD 28 Posterior sclerotomy	New code
43		CHE 30 Suture of iris	New code
43		CHE 35 Repair of defect of iris using prosthetic implant	New code
43		CJB 40 Laser anterior capsulotomy <i>In capsule contraction after cataract surgery</i>	New code with note
57		EBB 40 Extraradicular repair of dental root canal <i>In root canal perforation and inflammatory extraradicular or cervical resorption</i>	New code with note
114		JBA 20 Transabdominal partial excision of diaphragm	New code
114		JBA 21 Laparoscopic partial excision of diaphragm	New code
131	JHD Dilatation and incision of anal sphincter	JHD Local operations on anal sphincter	Changed category text
131	JHD 30 Incomplete incision of fistula-in-ano Eponym: Gabriel, stage 1	JHD 30 Incomplete incision of fistula-in-ano <i>With use of seton</i> <i>Eponym: Gabriel, stage 1</i>	Changed note text
131		JHD 50 Excision of fistula-in-ano with advancement flap of mucosa	New code
131		JHD 60 Occlusion of fistula-in-ano with use of collagen	New code
131		JHD 63 Occlusion of fistula-in-ano with use of fibrin	New code
140		JX Abdominal operations with other or overlapping anatomical location	New code group

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140		JXA Extensive abdominal operations with overlapping anatomical location <i>Excisional operations for extensive tumours without known origin in organs or defined anatomical structures, involving more than one Chapter J two-character group</i> <i>Includes: Excision of such abdominal tumours extending into retroperitoneal space</i> <i>Additional codes are required for organ or local structure excisions, see: relevant chapter J group code</i>	New code group with note
140		JXA 00 Intralesional excision of extensive tumour of abdominal wall without defined origin in JA subgroup	New code
140		JXA 03 Marginal excision of extensive tumour of abdominal wall without defined origin in JA subgroup	New code
140		JXA 06 Wide excision of extensive tumour of abdominal wall without defined origin in JA subgroup	New code
140		JXA 10 Intralesional excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group	New code
140		JXA 13 Marginal excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group	New code
140		JXA 16 Wide excision of extensive tumour of abdominal cavity without defined origin in chapter J two-character group	New code
147		KBV 15 Cystoscopic change of stent in ureter	New code
150	KDG Operations on female urethra and bladder neck for urinary incontinence	KDG Operations on urethra and bladder neck for urinary incontinence	Change of category text
150		KDG 43 Transobturatorial sling urethrocystopexy <i>With transvaginal approach, see: LEG 13</i>	New code with note

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150	KDG 96 Other operation on female urethra or bladder neck for incontinence	KDG 96 Other operation on urethra or bladder neck for incontinence	Change of code text
150	KDG 97 Other percutaneous endoscopic operation on female urethra or bladder neck for incontinence	KDG 97 Other percutaneous endoscopic operation on urethra or bladder neck for incontinence	Change of code text
153		KFD 70 Excision of lesion of skin of scrotum	New code
153		KFD 73 Destruction of lesion of skin of scrotum <i>Additional code for tissue destructive physical or chemical agent, see: ZXC</i>	New code with note
154	KGD 10 Destruction of lesion of penis	KGD 10 Destruction of lesion of penis <i>Additional code for tissue destructive physical or chemical agent, see: ZXC</i>	New note
154		KGD 20 Destruction of lesion of skin of penis <i>Additional code for tissue destructive physical or chemical agent, see: ZXC</i>	New code with note
155		KGH 05 Suture of skin of penis	New code
157		KX Abdominal operations on urinary system or retroperitoneal space with other or overlapping anatomical location	New code group
157		KXX Extensive operations on retroperitoneal space with other or overlapping anatomical location <i>Exisional operations for extensive tumours without known origin in organs or defined anatomical structures, involving more than one Chapter K two-character group</i> <i>Includes: Excision of such retroperitoneal tumours extending into peritoneal cavity or abdominal wall</i> <i>Additional codes are required for organ or local structure excisions, see: relevant chapter K group codes</i>	New code group with note
157		KXX 00 Intralesional excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group	New code

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157		KXX 03 Marginal excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group	New code
157		KXX 06 Wide excision of extensive tumour of retroperitoneal space without defined origin in chapter K two-character group	New code
168	LF Vulva and perineum	LF Vulva and perineum <i>Procedures on skin of perineum only, see QB</i>	New note
168	LFE Repair of vulva and perineum	LFE Repair of vulva and perineum <i>Repair of skin of perineum only, see QB</i>	New note
244		PHD 30 Resection of inferior vena cava	New code
244		PHD 32 Resection of superior mesenteric or portal vein	New code
244		PHH 30 Bypass from inferior vena cava	New code
245		PHN 32 Plastic repair of superior mesenteric or portal vein	New code
245		PHT 32 Injection of therapeutic agent into or percutaneous occlusion of portal vein <i>Includes: Of branches of portal vein</i>	New code with note
260		TCB 35 Adjustment of ptosis suture	New code
265	TQX50 Distension of tissue expander	TQX50 Adjustment of volume of tissue expander	Change of category text
278		ZC General qualifiers pertaining to eye surgery	New code group
278		ZCG Specific techniques for surgery of cornea and sclera	New code group
278		ZCG 50 Use of limbal stem cell autograft	New code
278		ZCG 51 Use of limbal stem cell allograft	New code
278		ZCG 53 Use of limbal stem cell graft from cell culture	New code

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279		ZQL Longitudinal extent of surgery for localised lesions of skin <i>If the codes are used together with skin excision procedures the extent should be measured before cutting through the skin due to variations in skin retraction. In reconstructive surgery, the extent of mobilising maneuvers, such as undermining of wound edges, additional incisions to relieve tension or the extent of advancement flaps should be taken into account. Longitudinal refers to the shape of the target area for surgery</i>	New code group with note
279		ZQL 01 Longitudinal extent of surgery for localised lesion of skin less than 10 mm	New code
279		ZQL 02 Longitudinal extent of surgery for localised lesion of skin 10-19 mm	New code
279		ZQL 03 Longitudinal extent of surgery for localised lesion of skin 20-29 mm	New code
279		ZQL 04 Longitudinal extent of surgery for localised lesion of skin 30-39 mm	New code
279		ZQL 05 Longitudinal extent of surgery for localised lesion of skin 4 - 5 cm	New code
279		ZQL 10 Longitudinal extent of surgery for localised lesion of skin 6-10 cm	New code
279		ZQL 15 Longitudinal extent of surgery for localised lesion of skin 11-15 cm	New code
279		ZQL 20 Longitudinal extent of surgery for localised lesion of skin 16-20 cm	New code
279		ZQL 25 Longitudinal extent of surgery for localised lesion of skin 21-25 cm	New code
279		ZQL 30 Longitudinal extent of surgery for localised lesion of skin 26-30 cm	New code
279		ZQL 35 Longitudinal extent of surgery for localised lesion of skin 31-35 cm	New code
279		ZQL 40 Longitudinal extent of surgery for localised lesion of skin 36-40 cm	New code
279		ZQL 50 Longitudinal extent of surgery for localised lesion of skin 41-50 cm	New code

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279		ZQL 60 Longitudinal extent of surgery for localised lesion of skin 51-60 cm	New code
279		ZQL 70 Longitudinal extent of surgery for localised lesion of skin 61-70 cm	New code
279		ZQL 80 Longitudinal extent of surgery for localised lesion of skin 71-80 cm	New code
279		ZQL 90 Longitudinal extent of surgery for localised lesion of skin 81-90 cm	New code
279		ZQL 99 Longitudinal extent of surgery for localised lesion of skin more than 90 cm	New code
279		ZQW Transverse extent of surgery for localised lesions of skin <i>If the codes are used together with skin excision procedures the extent should be measured before cutting through the skin due to variations in skin retraction. In reconstructive surgery, the extent of mobilising maneuvers, such as undermining of wound edges, additional incisions to relieve tension or the extent of advancement flaps should be taken into account. Transverse refers to the shape of the target area for surgery.</i>	New code group with note
279		ZQW 01 Transverse extent of surgery for localised lesion of skin less than 10 mm	New code
279		ZQW 02 Transverse extent of surgery for localised lesion of skin 10-19 mm	New code
279		ZQW 03 Transverse extent of surgery for localised lesion of skin 20-29 mm	New code
279		ZQW 04 Transverse extent of surgery for localised lesion of skin 30-39 mm	New code
279		ZQW 05 Transverse extent of surgery for localised lesion of skin 4-5 cm	New code
279		ZQW 10 Transverse extent of surgery for localised lesion of skin 6-10 cm	New code
279		ZQW 15 Transverse extent of surgery for localised lesion of skin 11-15 cm	New code
279		ZQW 20 Transverse extent of surgery for localised lesion of skin 16-20 cm	New code

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279		ZQW 25 Transverse extent of surgery for localised lesion of skin 21-25 cm	New code
279		ZQW 29 Transverse extent of surgery for localised lesion of skin more than 25 cm	New code
284	ZZU Free graft of mucosa	ZZU Free graft of miscellaneous tissue	Change of category text
284		ZZU 10 Free graft of conjunctiva	New code

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