ICD-NA

Application of the International Classification of Diseases to Neurology

Second Edition

World Health Organization
Geneva
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Preface

The Application of the International Classification of Diseases to Neurology (ICD-NA) is one of several adaptations of the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10) being produced by the World Health Organization to respond to the needs of specialist disciplines such as neurology. A previous edition of ICD-NA was developed in 1984–85 with the help of a group of experts convened by Dr L. Bolis (International Foundation Fatebenefratelli, Milan, Italy), then in charge of activities dealing with the prevention and control of neurological disorders in WHO’s Division of Mental Health (MNH). Taking into account the recommendations of this expert group and advice received from the Neuroepidemiology Group of the World Federation of Neurology, chaired by the late Professor B.S. Schoenberg (National Institutes of Health, Bethesda, MD) and from other nongovernmental organizations, Professor J.-M. Orgogozo and Professor J.F. Dartigues (University of Bordeaux, France) drafted the text of the first edition in English and French. That edition provided an extensive selection, but a limited expansion, of the neurologically relevant codes of ICD-9. The present edition has been developed with the broader aim of providing an individual code for almost every neurological condition, so that a uniform classification is available for epidemiological and clinical research as well as for routine statistical reporting.

The synopsis of the second edition of ICD-NA was produced by Professor W.G. Bradley (University of Miami, Miami, FL), Professor J.-M. Orgogozo, Dr N. Sartorius (then Director of WHO’s Division of Mental Health) and Dr J. van Drimmelen (WHO, Geneva, Switzerland). It was discussed with representatives of nongovernmental organizations active in the field of neurology and with experts in WHO and from various Member countries and then used as a framework for the development of the ICD-NA.

The initial draft of ICD-NA was produced by Professors Bradley and Orgogozo with the help of Dr van Drimmelen on the basis of the first edition and of detailed suggestions from the Ad Hoc Committee on Disease Classification of the American Neurological Association, chaired by Professor Bradley; in the Acknowledgements section (pages ix–xii), the names of the members of the committee are marked with an asterisk. The draft was examined by nongovernmental organizations active in the field of neurology (listed on page xi) and by numerous advisers. Their valuable comments contributed
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to the production of the penultimate version of ICD-NA, which was again reviewed by the participating nongovernmental organizations.

The final version reflects the best resolution of many, often competing, needs. It should be kept in mind that ICD-NA had to be based upon the structure of ICD-10. This has prevented the introduction of some changes that were recommended, but has ensured that all of the 5-, 6- and 7-character codes of the ICD-NA can be contracted back into the original 3- or 4-character codes of ICD-10; compatibility with the official classification can therefore be maintained, whatever the purpose or level of utilization.

The ICD-NA index was produced by Mr M. Catan and Dr van Drimmelen of WHO, using a preliminary partial draft produced by Drs H.J. Freyberger and C. Kessler (Lübeck, Germany), with extensive help from Mr A. L'Hours of WHO's Division of Health Situation and Trend Assessment. Guidance from Mr l'Hours also helped to ensure the congruence of ICD-NA with the parent ICD-10.

An outline of the history of the International Classification of Diseases, information on the structure of ICD-NA and instructions on its use are given in Sections I and II of this publication.

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SECTION I

Introduction
1. What is the International Classification of Diseases (ICD)?

1.1 The history of ICD

Classification is fundamental to science and a standard classification of diseases and injury is essential for systematic, statistical studies of illness and death. This was recognized as early as the seventeenth century when such studies started. In 1853, Dr William Farr of London and Dr Marc d'Espine of Geneva were entrusted by the first International Statistical Congress (ISC), held in Brussels, with the task of preparing "a uniform nomenclature of causes of death applicable to all countries". They submitted two separate lists, based on very different principles. The classification of Dr William Farr was arranged under five groups: epidemic diseases, constitutional (general) diseases, local diseases arranged by anatomical site, developmental diseases, and diseases that are the direct result of violence. Dr Marc d'Espine had classified diseases according to their nature (gouty, herpetic, haematic, etc.). The Congress adopted a compromise list of 139 rubrics.

Although there was never any universal acceptance of this classification, the general arrangement, including the principle of classifying diseases by anatomical site proposed by Farr, has survived as the basis of the *International List of Causes of Death*. At its meeting in Vienna in 1891, the International Statistical Institute, successor to the ISC, charged a committee, under the chairmanship of Jacques Bertillon (Paris), with the preparation of a classification of causes of death. In 1893, at the meeting in Chicago, the Institute adopted Bertillon's proposal. His classification was based on the principle of distinguishing between general diseases and those localized to a particular organ or anatomical site. It represented a synthesis of French, English, German, and Swiss classifications. Bertillon included three versions: the first an abridged classification of 44 titles, the second a classification of 99 titles, and the third a classification of 161 titles.

The Bertillon Classification of Causes of Death, as it was initially called, received general approval and was adopted by several countries, as well as by many individual cities, and was revised about every 10 years. In 1948, the newly created World Health Organization was asked to undertake the regular review and revision of the classification. Thus WHO took responsibility for the Sixth Revision, which for the first time provided a single list applicable to both morbidity and mortality. This list was renamed "The International Statistical Classification of Diseases, Injuries and Causes of Death (ICD)".

Since that time, ICD — in addition to its traditional application to epidemiology — has been increasingly used for the indexing and retrieval of medical
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records and for statistics concerning the planning, monitoring, and evaluation of health services. The Eighth Revision Conference met in Geneva in 1965; the resulting ICD-8 was of a more radical nature than the Seventh Revision but left unchanged the basic structure of the Classification and the general philosophy of classifying diseases according to their etiology rather than a particular manifestation. A major innovation was the development of descriptions for the Mental Disorder Chapter, which was published separately with a view to overcoming the particular difficulties in a field where international terminology had not been standardized.

The Ninth Revision was adopted in 1976. Although it was considered that this ought to have been a limited revision, a much more radical revision was being demanded by specialists in many fields of medicine. The structure of several of the ICD chapters appeared to be out of touch with modern clinical concepts. Nevertheless it was felt that the Ninth Revision, compared with its predecessors, presented many new features in its content and quality, making it more flexible and up-to-date and also more adaptable to various purpose-oriented uses. One of its innovations was to make it possible to code diseases according to important manifestations, e.g. to classify mumps encephalitis to a category for encephalitis. The new codes for manifestation were marked with an asterisk (*), while the corresponding etiology codes were marked with a dagger (†). However, it became apparent that much of the subject matter being suggested for incorporation into the new revision did not belong in the main ICD classification itself but would be more appropriately placed in a series, or “family”, of related classifications developed from and around the “core” classification. Preparation of the Tenth Revision of ICD started even before the work on ICD-9 was completed, and the final draft of ICD-10 was adopted in 1990 under a slightly different title — International Statistical Classification of Diseases and Related Health Problems — which better reflected its content.¹

A new code structure was designed to facilitate the function of ICD-10 and to allow future changes to be made without the need for major changes to the basic structure. Numeric codes (001-999) were used in ICD-9, but for ICD-10 an alphanumeric coding scheme was adopted, based on a single letter followed by two numbers at the three-character level (A00-Z99). This has significantly enlarged the number of categories available for the classification. Further detail is provided at the four-character level by means of decimal numeric subdivisions. Specialty-based adaptations of ICD then provide extension

Vol. 1. Tabular list, 1992  
Vol. 2. Instruction manual, 1993  
Vol. 3. Index, 1994
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of detail at the fifth character and beyond, without changing the “core” classification.

The need for the ICD to be internationally acceptable makes an extensive and continuing process of consultation with WHO's Member States and their professional organizations essential, to ensure that as many viewpoints as are practicable and compatible are represented. Every effort has been made to achieve clear presentation, plus adequate description and explanation, so that the final version of ICD-10 is potentially of unrivalled importance as an instrument of international communication, education, and research.

1.2 The structure of ICD-10

The Tenth Revision of ICD came into effect on 1 January 1993 and consists of three volumes. Volume 1 includes a tabular (alphanumeric) presentation of the classification, Volume 2 provides instructions for use of the classification, including rules and guidance for the single cause coding of mortality and the single condition coding of morbidity; definitions, recommendations, and reporting requirements for fetal, perinatal, neonatal, infant, and maternal mortality; and a brief history of the development of the ICD. Volume 3 is the index, listing all items of the classification alphabetically, as well as a large number of additional terms and synonyms that cannot be found in the tabular list.

The taxonomic philosophy of ICD is somewhat eclectic: no strictly systematic classification is entirely practicable, because of different national views on disease classification and terminology. The main emphasis, however, is on etiology, since etiology codes are to be given priority for the statistics of mortality. In principle, codes for manifestation are secondary, except when the cause of the manifestation is unknown or unspecified, in which case the non-asterisk code for the manifestation (e.g. meningitis, G03.9) is used as the primary code. A coded nomenclature of the morphology of neoplasms is also provided in ICD-10, an extract of which is included in this edition of ICD-NA (pages 459–476).

Not every condition is assigned an individual rubric, but there is always a category to which any condition or disease can be referred. This has been achieved by the method of selective grouping. The principles used to determine the conditions that should be specified as definite categories are based on frequency, cost, public health importance, research interest, and clarity of characterization of the condition.

In the alphanumeric system of numbering that has been adopted, each general category in the classification is designated by a letter. For instance, “G” is the letter corresponding to diseases of the nervous system. In most instances, the
first digit after the letter (i.e. the second character) designates important or summary groups of diseases that are related by topography or by physio-pathology. The second digit (i.e. the third character) divides each group into categories that represent specific disease entities, or classes of diseases or conditions that are related according to some significant axis such as etiology, symptomatology, anatomical site, or pathology. This is the reason that the three-character categories have not all been numbered consecutively: some numbers have been omitted so that the summary character of the first two characters is preserved wherever it is meaningful. Because the three-character codes are the legal base for reporting and classifying causes of death in all countries that submit data to the WHO mortality data bank, no additional three-character categories may be introduced in the classification, except when the list is revised by international agreement.

For the majority of codes, ICD-10 also contains a fourth character level of subdivision, designed for more comprehensive description of the types and causes of illness and injury. According to the guidelines established for the development of specialty-based applications of the ICD, four-character categories cannot be created except during the official process of the periodic revisions of the ICD. At both three- and four-character levels, an attempt has been made to include most of the diagnostic terms given in the standard or official nomenclatures, as well as terms most commonly used in different countries. These terms, synonyms, or eponyms, have been called “inclusion terms”, of which a more extensive list is to be found in the Index (Volume 3) of ICD-10.

Where there is an appreciable risk that a condition will be wrongly classified, cross-reference to relevant categories is achieved by “exclusion terms”. The numbers .8 and .9 in the fourth-character position frequently carry the connotation “other” and “unspecified”, respectively; “NOS” is an abbreviation for “not otherwise specified” and is virtually the equivalent of “unspecified” or “unqualified”.

2. The ICD family of classifications

ICD-10 provides a central or “core” classification, from which a “family” of classifications is being derived (see figure opposite), with each “member” of the family being adapted to a particular medical specialty or type of user and each reaching a different degree of specificity. For certain purposes, e.g. in oncology, dentistry, neurology, and psychiatry, the ICD classification is substantially expanded; for other purposes however, categories have been condensed and emphasis given to some less precise diagnostic terminology (such as would be suitable for general medical practice).
The speciality-based adaptations of ICD-10 do not amend the classification at the four-character level but provide extension of detail at and beyond the fifth character. A further group of classifications covers information that is not presented in the main ICD but that has important medical or health implications, such as classifications of impairments, disabilities, and handicaps, and procedures in medicine and reasons for encounters.

The ICD is complemented by the International Nomenclature of Diseases (IND). Whereas the ICD is a list of "categories", grouping diagnoses in a way convenient for the collection, recording, and analysis of statistical data, the IND is a comprehensive listing of recommended names of all specific, identified morbid entities. Its purpose is to improve communication and to facilitate the retrieval of information from different sources.
3. What is ICD-NA?

3.1 History of ICD-NA

In response to numerous requests for a more detailed classification of neurological disorders — for use in morbidity statistics, hospital record indexing, and research — the Neuroscience programme of WHO's Division of Mental Health convened a consultation in 1984 to consider the development of an adaptation of ICD-9 to neurology, under the responsibility of Dr C.L. Bolis. With the help of consultants and a group of experts, supported by research groups of several nongovernmental organizations, such as the World Federation of Neurology, an Application of ICD-9 to Neurology was prepared by Professors J.M. Orgogozo and J.F. Dartigues (University of Bordeaux, France) and published for trial purposes in 1987 in English\(^1\), followed by French\(^2\), German\(^3\), and Italian\(^4\). It was received with interest by the scientific community and other users. The classification and coding systems of ICD-9 were retained to ensure compatibility but further subdivisions were introduced at the fifth-character level and beyond, to provide codes for each recognized neurological disorder. WHO has since prepared this second edition of ICD-NA, as explained in the Preface.

3.2 The role of ICD-NA

The aims of ICD-NA are as follows:

- To provide specialists in the clinical neurosciences with a classification that provides a unique code for each recognized neurological disease or injury.
- To focus the attention of specialists in the clinical neurosciences on the desirability of a detailed diagnosis for each patient, using a comprehensive and consistent classification of neurological diseases and of neurological manifestations of other diseases.
- To provide an improved standard recording system for neurological diseases and conditions, available in several languages and prepared under the auspices of WHO.
- To make possible the collection of epidemiological data, comparisons of the prevalence of individual neurological diseases, and identification of the risk

factors for these diseases at both national and international levels. It is hoped that the system will also facilitate the collection of epidemiological data on the rarer neurological diseases, which are urgently needed to support national programmes of prevention and control.

ICD-NA thus aims to be of value to a great variety of users, from government and other health agencies concerned with the collection of statistical data under relatively few main headings, to individual physicians or researchers requiring a convenient tool for indexing their clinical and teaching material in sufficient detail. The classification may be contracted to a few broad categories or further expanded in areas in which the user may have a special interest. Through its direct compatibility with the “parent” ICD-10, ICD-NA provides a method of classification that should facilitate international collaboration and exchange of information.

ICD-NA is intended to remain “open”, to allow its adaptation to future advances in the neurological sciences, particularly in the domains of diagnosis, etiopathogenesis, nosology, and classification. For this reason premature use of still questionable classifications has been avoided, and as few individual codes as possible have been allocated to entities whose status remains uncertain. Unavoidable changes in concepts, technology, and even the diseases themselves will occur, and revisions of ICD-NA will be essential. New codes will be added and obsolete codes deleted, in such a way that each new revision will remain compatible with the previous one(s). The hope is that the users of ICD-NA will contribute to this evolution by sending their suggestions and comments to WHO. In addition, users who encounter problems or difficulties in the application of this classification are asked to communicate with the Programme Manager, Mental Health, Division of Mental Health and Prevention of Substance Abuse, World Health Organization, 1211 Geneva 27, Switzerland.

It should be noted that this edition of ICD-NA was constructed at the beginning of the era of genetic and biochemical definition of diseases. As this era advances, an ever-increasing number of diseases in ICD-NA will become genetically and biochemically defined and the number of allelic forms recognized will rise similarly. These advances will probably require a total reclassification of many diseases. In the meantime, the classifications in ICD-NA are based on the best currently available evidence concerning etiology.

3.3 The structure of ICD-NA

Like ICD-10, ICD-NA has a tabular (alphanumeric) section and a comprehensive alphabetical index. In the tabular section, liberal use has been
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made of inclusion and exclusion terms; the latter are provided with the relevant codes, so that the user will have as much assistance as possible in finding the correct category for any condition diagnosed. In addition, certain notes and cross-references (given in round brackets) have been added to facilitate use. When necessary, synonyms and eponyms are given in square brackets.

The classification and coding systems of ICD-10 have been strictly retained in ICD-NA for the sake of compatibility. In some instances, this may have resulted in a degree of awkwardness or even in an apparent lack of logic. It may seem that certain diseases would be better classified in other categories than those in which they appear, but the alternative would have meant a loss of compatibility with ICD-10. On the whole, ICD-10 was easier to adapt to neurology and neurosurgery than ICD-9.

Each main alphanumeric heading in ICD-NA is an ICD-10 code at the three- or four-character level. Titles for each of these rubrics and for groups of codes and main sections remain exactly the same as those given in ICD-10. However, the originality and potential usefulness of ICD-NA is based on the five-, six- and seven-character codes. Thus the first three or four characters of any ICD-NA code, and the corresponding terms, are those of ICD-10, but most of the fifth and all of the sixth and seventh characters are exclusive to ICD-NA. These subdivisions allow for increased specificity within the broader three- and four-character categories. For instance, mutually exclusive inclusion terms listed under a single ICD-10 code are given individual codes in ICD-NA where it is felt that this separate classification could be of interest for neurological practice, teaching, or research. In other cases, subdivisions used or recommended by experts, committees, or international organizations have been introduced within the broader categories of ICD-10. When it was not possible to subdivide under a defined four-character code, for example because of inappropriateness, the subcategories to classify are listed whenever possible under the "other" category (.8). In the rare cases where there is no four-character category in ICD-10, the subdivisions are made directly at the five-character level, after a dash that symbolizes the unused fourth character (.-). It should be noted, however, that in ICD-10 the convention -- is used to indicate that the three-character category has been subdivided. This numbering system enables the relationship between the ICD-NA category and the parent ICD-10 category to be established from the code itself, and should facilitate comparisons between statistics compiled according to ICD-NA and, for instance, national morbidity or mortality statistics compiled according to ICD-10.

Section IV of ICD-NA includes an excerpt from Chapter XX of ICD-10 for the classification of external causes of morbidity and mortality. Only those
codes thought to be pertinent to neurology are included. In Section V a complete list of the morphology of neoplasms is to be found, which can be used in addition to the codes provided in Chapter II (Neoplasms). (See also Section II, 1.7, and Section IV, introduction to Chapter II.)
SECTION II

Instructions and recommendations for the use of ICD-NA
1. Instructions for use of the tabular list

The basic principles of classification and coding that apply to ICD-10 are retained in ICD-NA, so that users familiar with the one will encounter no difficulty with the other. For less experienced users, the recommendations that follow may be helpful.

1.1 Until thoroughly familiar with ICD-NA, the user should consult the index, main headings, and inclusion/exclusion terms before recording a diagnosis.

1.2 The fourth characters .8 and .9 have usually been reserved for “other” and “unspecified” categories, respectively. The category “unspecified” is used where there has been an omission in diagnosis, or where it is impossible to be specific, and — in most cases — is not used beyond the four-character level. With the much higher degree of specification achieved by ICD-NA, it should seldom be necessary to use this code.

1.3 If an uncertain diagnosis is to be classified, the appropriate category for the maximal level of certainty, for instance the general nature or site of the lesion, must be used. Many examples of such general categories of symptoms or signs are to be found in Chapter XVIII, Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (particularly under R25-R29 and R40-R49).

1.4 Provision is made for recording neurological manifestations of a general disease or condition. Such manifestations are indicated by an asterisk (*) code and have a corresponding dagger (†) code to indicate etiology. For example, tuberculous meningitis has its dagger code (A17.0†) in Chapter I, for infectious and parasitic diseases, and its asterisk code (G01*) in Chapter VI, for diseases of the nervous system. Another example would be: Lyme disease (A69.2†) and meningitis in bacterial diseases classified elsewhere (G01*). Use of the asterisk/dagger system provides for the recording of neurological manifestations of a general disease or condition classified elsewhere. All asterisk and dagger code pairs are cross-referenced to each other. It is a principle of the ICD that the dagger code is the primary one for coding purposes and must always be used. The use of the additional asterisk coding is entirely optional. The asterisk code must never be used alone. It should never be employed in coding the underlying cause of death (only dagger coding should be used for this purpose), but it may be used in morbidity coding and in multiple-condition coding in relation to either morbidity or mortality. Asterisk and dagger codes can, in fact, be used even if there is no dagger associated with
a particular etiology in the tabular list, provided that the manifestation is an unquestionable consequence of that etiology.

1.5 **Multiple coding.** Even when asterisk and dagger coding is not applicable, the use of additional codes (i.e. multiple coding) is encouraged in all cases where the different aspects of a disease need to be described more extensively. In the absence of explicit rules for multiple coding in ICD-NA at present (except for the asterisk/dagger codes), it is suggested that multiple codes be used in the following rank order for each principal disease or condition diagnosed in an individual patient:

- Etiology
- Manifestation
- Other relevant code(s).

An example would be: Manganese poisoning (T57.2) leading to secondary parkinsonism (G21.2). When the etiology is not known or is unspecified, the rank order will be:

- Manifestation (e.g. meningitis NOS (G03.9) or tremor, unspecified (R25.1))
- Other relevant code(s).

Other relevant codes are used to describe associated diseases, conditions, or external factors that are part of, or contribute to, the principal diagnosis.

Concomitant diseases and diagnoses in the same patient, which in the opinion of the user are unrelated to the principal diagnosis, should be given additional codes and listed separately, e.g. in separate data fields.

_Coding of late effects._ ICD-10 provides a number of categories entitled "Sequelae of..." (B90-B94, E64.-, G09, I69.-, T90-T98), which may be used to indicate conditions no longer present as the cause of a current problem under treatment or investigation. The preferred code for the "main condition" is, however, the code for the nature of the sequela itself, to which the code for "Sequelae of..." may be added as an optional additional code. Where a number of different, very specific sequelae are present and no one of them predominates in severity and use of resources for treatment, it is permissible for the description "Sequelae of..." to be recorded as the main condition. Example: main condition: motor aphasia (R47.00), Sequelae of cerebral infarction (I69.3).

1.6 Synonyms and eponyms are provided in square brackets or listed under the title of the category, but the official ICD-10 title is preferred. It is
hoped that a concerted attempt will be made in the near future to standardize nomenclature, thus obviating the need for such synonyms.

1.7 In the coding of neoplasms, those desiring more histological specificity should use, in addition, the morphology codes relevant to neurology and neurosurgery, given on pages 459–476. These morphology codes are the same as those used in the special adaptation of the ICD for oncology (ICD-0).\(^1\) Care should be taken that these morphology codes, which begin with M, are not confused with the ICD codes in Chapter XIII (M00–M99).

1.8 Only terms relating in some way to the nervous system and its diseases are included in ICD-NA. If a diagnosed disease is missing from ICD-NA, ICD-10 should be used. Every effort has been made to ensure that such instances will occur infrequently.

1.9 As mentioned earlier, use of a dash (–) in ICD-NA indicates a space within a code that cannot contain any number. For example, the code for chronic progressive multiple sclerosis is G35.–1; the dash indicates that the first position to the right of the decimal point has no digit in ICD-10. However, in instances where ICD-NA provides no five-character subdivision, the dash indicates that ICD-10 contains four-character subdivisions that are not reproduced in ICD-NA. A typical example is A00.– Cholera.

An “x” indicates a space within a code that is supposed to contain a number. The actual number to be substituted is dictated by the specific set of instructions pertaining to that code. For example, the code for cerebral infarction due to embolism of a precerebral artery by atrial fibrillation is I63.1x2. The number that replaces the “x” designates the particular artery involved.

2. Instructions for use of the index

The index to ICD-NA is an alphabetical list of all key items in the classification, as well as a large number of synonyms and eponyms, together with the corresponding code. Items are generally listed by noun, followed by adjective. Thus, “tuberculous meningitis” would appear in the index as “meningitis, tuberculous”. Eponymous syndromes and diseases are listed alphabetically both under the corresponding eponym and under “syndrome” or “disease” as appropriate. For example, Guillain–Barré syndrome will be found in the index under “Guillain–Barré” and under “syndrome”.

The reader is cautioned against using only the index for purposes of coding. The index is simply intended as a guide, indicating the appropriate place in the ICD-NA classification to consult for the proper code. The classification often contains explanatory notes regarding the condition and special rules of inclusion and exclusion that must be considered in choosing the correct code.

The abbreviation “NEC” (“not elsewhere classified”) is added after terms classified to residual or unspecified categories and to terms in themselves ill-defined, as a warning that specified forms of the condition are classified differently. In these cases, the defined category should be sought.
SECTION III

List of block titles¹

¹ The chapters of ICD-10 are divided into homogeneous "blocks" of three-character categories. The listing of a block title in Section III does not imply that all three-character categories from the block can be found in ICD-NA; it is intended only as an indication that at least one of those categories is represented.
Chapter I
Certain infectious and parasitic diseases
(A00–B99)

A00–A09 Intestinal infectious diseases
A15–A19 Tuberculosis
A20–A28 Certain zoonotic bacterial diseases
A30–A49 Other bacterial diseases
A50–A64 Infections with a predominantly sexual mode of transmission
A65–A69 Other spirochaetal diseases
A70–A74 Other diseases caused by chlamydiae
A75–A79 Rickettsioses
A80–A89 Viral infections of the central nervous system
A90–A99 Arthropod-borne viral fevers and viral haemorrhagic fevers
B00–B09 Viral infections characterized by skin and mucous membrane lesions
B15–B19 Viral hepatitis
B20–B24 Human immunodeficiency virus [HIV] disease
B25–B34 Other viral diseases
B35–B49 Mycoses
B50–B64 Protozoal diseases
B65–B83 Helminthiases
B90–B94 Sequelae of infectious and parasitic diseases
B95–B97 Bacterial, viral and other infectious agents

Chapter II
Neoplasms
(C00–D48)

C00–C75 Malignant neoplasms
C76–C80 Malignant neoplasms of ill-defined, secondary and unspecified sites
C81–C96 Malignant neoplasms of lymphoid, haematopoietic and related tissue
C97 Malignant neoplasms of independent (primary) multiple sites.
D10–D36 Benign neoplasms
D37–D48 Neoplasms of uncertain or unknown behaviour

Chapter III
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
(D50–D89)

D50–D53 Nutritional anaemias
D55–D59 Haemolytic anaemias
D65–D69  Coagulation defects, purpura and other haemorrhagic conditions
D70–D77  Other diseases of blood and blood-forming organs
D80–D89  Certain disorders involving the immune mechanism

Chapter IV
Endocrine, nutritional and metabolic diseases (E00–E90)

E00–E07  Disorders of thyroid gland
E10–E14  Diabetes mellitus
E15–E16  Other disorders of glucose regulation and pancreatic internal secretion
E20–E35  Disorders of other endocrine glands
E40–E46  Malnutrition
E50–E64  Other nutritional deficiencies
E65–E68  Obesity and other hyperalimentation
E70–E90  Metabolic disorders

Asterisk categories for this chapter are provided as follows:
E35*  Endocrine disorders in diseases classified elsewhere
E90*  Nutritional and metabolic disorders in diseases classified elsewhere

Chapter V
Mental and behavioural disorders (F00–F99)

F00–F09  Organic, including symptomatic, mental disorders
F10–F19  Mental and behavioural disorders due to psychoactive substance use
F30–F39  Mood [affective] disorders
F40–F48  Neurotic, stress-related and somatoform disorders
F50–F59  Behavioural syndromes associated with physiological disturbances and physical factors
F60–F69  Disorders of adult personality and behaviour
F70–F79  Mental retardation
F80–F89  Disorders of psychological development
F90–F98  Behavioural and emotional disorders with onset usually occurring in childhood and adolescence

Asterisk categories for this chapter are provided as follows:
F00*  Dementia in Alzheimer’s disease
F02*  Dementia in other diseases classified elsewhere
# Chapter VI

Diseases of the nervous system

**(G00–G99)**

<table>
<thead>
<tr>
<th>Block Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G00–G09</td>
<td>Inflammatory diseases of the central nervous system</td>
</tr>
<tr>
<td>G10–G13</td>
<td>Systemic atrophies primarily affecting the central nervous system</td>
</tr>
<tr>
<td>G20–G26</td>
<td>Extrapyramidal and movement disorders</td>
</tr>
<tr>
<td>G30–G32</td>
<td>Other degenerative diseases of the nervous system</td>
</tr>
<tr>
<td>G35–G37</td>
<td>Demyelinating diseases of the central nervous system</td>
</tr>
<tr>
<td>G40–G47</td>
<td>Episodic and paroxysmal disorders</td>
</tr>
<tr>
<td>G50–G59</td>
<td>Nerve, nerve root and plexus disorders</td>
</tr>
<tr>
<td>G60–G64</td>
<td>Polyneuropathies and other disorders of the peripheral nervous system</td>
</tr>
<tr>
<td>G70–G73</td>
<td>Diseases of myoneural junction and muscle</td>
</tr>
<tr>
<td>G80–G83</td>
<td>Cerebral palsy and other paralytic syndromes</td>
</tr>
<tr>
<td>G90–G99</td>
<td>Other disorders of the nervous system</td>
</tr>
</tbody>
</table>

**Asterisk categories for this chapter are provided as follows:**

<table>
<thead>
<tr>
<th>Block Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G01*</td>
<td>Meningitis in bacterial diseases classified elsewhere</td>
</tr>
<tr>
<td>G02*</td>
<td>Meningitis in other infectious and parasitic diseases classified elsewhere</td>
</tr>
<tr>
<td>G05*</td>
<td>Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere</td>
</tr>
<tr>
<td>G07*</td>
<td>Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere</td>
</tr>
<tr>
<td>G13*</td>
<td>Systemic atrophies primarily affecting the central nervous system in diseases classified elsewhere</td>
</tr>
<tr>
<td>G22*</td>
<td>Parkinsonism in diseases classified elsewhere</td>
</tr>
<tr>
<td>G26*</td>
<td>Extrapyramidal and movement disorders in diseases classified elsewhere</td>
</tr>
<tr>
<td>G32*</td>
<td>Other degenerative disorders of nervous system in diseases classified elsewhere</td>
</tr>
<tr>
<td>G46*</td>
<td>Vascular syndromes of brain in cerebrovascular diseases</td>
</tr>
<tr>
<td>G53*</td>
<td>Cranial nerve disorders in diseases classified elsewhere</td>
</tr>
<tr>
<td>G55*</td>
<td>Nerve root and plexus compressions in diseases classified elsewhere</td>
</tr>
<tr>
<td>G59*</td>
<td>Mononeuropathy in diseases classified elsewhere</td>
</tr>
<tr>
<td>G63*</td>
<td>Polyneuropathy in diseases classified elsewhere</td>
</tr>
<tr>
<td>G73*</td>
<td>Disorders of myoneural junction and muscle in diseases classified elsewhere</td>
</tr>
<tr>
<td>G94*</td>
<td>Other disorders of brain in diseases classified elsewhere</td>
</tr>
<tr>
<td>G99*</td>
<td>Other disorders of nervous system in diseases classified elsewhere</td>
</tr>
</tbody>
</table>
Chapter VII
Diseases of the eye and adnexa (H00–H59)

H00–H06 Disorders of eyelid, lacrimal system and orbit
H15–H22 Disorders of sclera, cornea, iris and ciliary body
H25–H28 Disorders of lens
H30–H36 Disorders of choroid and retina
H40–H42 Glaucoma
H46–H48 Disorders of optic nerve and visual pathways
H49–H52 Disorders of ocular muscles, binocular movement, accommodation and refraction
H53–H54 Visual disturbances and blindness
H55–H59 Other disorders of eye and adnexa

Asterisk categories for this chapter are provided as follows:
H28* Cataract and other disorders of lens in diseases classified elsewhere
H32* Chorioretinal disorders in diseases classified elsewhere
H36* Retinal disorders in diseases classified elsewhere
H42* Glaucoma in diseases classified elsewhere
H48* Disorders of optic [2nd] nerve and visual pathways in diseases classified elsewhere
H58* Other disorders of eye and adnexa in diseases classified elsewhere

Chapter VIII
Diseases of the ear and mastoid process (H60–H95)

H65–H75 Diseases of middle ear and mastoid
H80–H83 Diseases of inner ear
H90–H95 Other disorders of ear

Asterisk categories for this chapter are provided as follows:
H82* Vertiginous syndromes in diseases classified elsewhere
H94* Other disorders of ear in diseases classified elsewhere

Chapter IX
Diseases of the circulatory system (I00–I99)

I00–I02 Acute rheumatic fever
I05–I09 Chronic rheumatic heart diseases
I10–I15 Hypertensive diseases
I20–I25 Ischaemic heart diseases
LIST OF BLOCK TITLES

I30–I52 Other forms of heart disease  
I60–I69 Cerebrovascular diseases  
I70–I79 Diseases of arteries, arterioles and capillaries  
I80–I89 Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified  
I95–I99 Other and unspecified disorders of the circulatory system

Asterisk categories for this chapter are provided as follows:
I39* Endocarditis and heart valve disorders in diseases classified elsewhere  
I41* Myocarditis in diseases classified elsewhere  
I43* Cardiomyopathy in diseases classified elsewhere  
I68* Cerebrovascular disorders in diseases classified elsewhere  
I79* Disorders of arteries, arterioles and capillaries in diseases classified elsewhere  
I98* Other disorders of the circulatory system in diseases classified elsewhere

Chapter X  
Diseases of the respiratory system  
(J00–J99)

J00–J06 Acute upper respiratory infections  
J10–J18 Influenza and pneumonia  
J30–J39 Other diseases of upper respiratory tract  
J40–J47 Chronic lower respiratory diseases  
J60–J70 Lung diseases due to external agents  
J80–J84 Other respiratory diseases principally affecting the interstitium  
J85–J86 Suppurative and necrotic conditions of lower respiratory tract  
J90–J94 Other diseases of pleura  
J95–J99 Other diseases of the respiratory system

An asterisk category for this chapter is provided as follows:  
J17* Pneumonia in diseases classified elsewhere

Chapter XI  
Diseases of the digestive system  
(K00–K99)

K00–K14 Diseases of oral cavity, salivary glands and jaws  
K20–K31 Diseases of oesophagus, stomach and duodenum  
K50–K52 Noninfective enteritis and colitis  
K55–K63 Other diseases of intestines  
K65–K67 Diseases of peritoneum  
K70–K77 Diseases of liver
K80–K87  Disorders of gallbladder, biliary tract and pancreas
K90–K93  Other diseases of the digestive system

Chapter XII
Diseases of the skin and subcutaneous tissue
(L00–L99)
L50–L54  Urticaria and erythema
L80–L99  Other disorders of the skin and subcutaneous tissue

An asterisk category for this chapter is provided as follows:
L99*  Other disorders of skin and subcutaneous tissue in diseases
classified elsewhere

Chapter XIII
Diseases of the musculoskeletal system and
connective tissue
(M00–M99)
M00–M25  Arthropathies
M30–M36  Systemic connective tissue disorders
M40–M54  Dorsopathies
M60–M79  Soft tissue disorders
M80–M94  Osteopathies and chondropathies
M95–M99  Other disorders of the musculoskeletal system and connective
tissue

Asterisk categories for this chapter are provided as follows:
M03*  Postinfective and reactive arthropathies in diseases classified
everelsewhere
M14*  Arthropathies in other diseases classified elsewhere
M36*  Systemic disorders of connective tissues in diseases classified
everelsewhere

Chapter XIV
Diseases of the genitourinary system
(N00–N99)
N00–N08  Glomerular diseases
N17–N19  Renal failure
N25–N29  Other disorders of kidney and ureter
N30–N39  Other diseases of the urinary system
N40–N51  Diseases of male genital organs
N60–N64  Disorders of breast
N80–N98  Noninflammatory disorders of female genital tract
LIST OF BLOCK TITLES

Chapter XV
Pregnancy, childbirth and the puerperium
(O00–O99)

O00–O08 Pregnancy with abortive outcome
O10–O16 Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium
O20–O29 Other maternal disorders predominantly related to pregnancy
O30–O48 Maternal care related to the fetus and amniotic cavity and possible delivery problems
O60–O75 Complications of labour and delivery
O85–O92 Complications predominantly related to the puerperium
O95–O99 Other obstetric conditions, not elsewhere classified

Chapter XVI
Certain conditions originating in the perinatal period
(P00–P99)

P00–P04 Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery
P05–P08 Disorders related to length of gestation and fetal growth
P10–P15 Birth trauma
P20–P29 Respiratory and cardiovascular disorders specific to the perinatal period
P35–P39 Infections specific to the perinatal period
P50–P61 Haemorrhagic and haematological disorders of fetus and newborn
P70–P74 Transitory endocrine and metabolic disorders specific to fetus and newborn
P90–P96 Other disorders originating in the perinatal period

Chapter XVII
Congenital malformations, deformations and chromosomal abnormalities
(Q00–Q99)

Q00–Q07 Congenital malformations of the nervous system
Q10–Q18 Congenital malformations of eye, ear, face and neck
Q20–Q28 Congenital malformations of the circulatory system
Q65–Q79 Congenital malformations and deformations of the musculoskeletal system
Q80–Q89 Other congenital malformations
Q90–Q99 Chromosomal abnormalities, not elsewhere classified
Chapter XVIII
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified (R00–R99)

R00–R09 Symptoms and signs involving the circulatory and respiratory systems
R10–R19 Symptoms and signs involving the digestive system and abdomen
R20–R23 Symptoms and signs involving the skin and subcutaneous tissue
R25–R29 Symptoms and signs involving the nervous and musculoskeletal systems
R30–R39 Symptoms and signs involving the urinary system
R40–R46 Symptoms and signs involving cognition, perception, emotional state and behaviour
R47–R49 Symptoms and signs involving speech and voice
R50–R69 General symptoms and signs
R70–R79 Abnormal findings on examination of blood, without diagnosis
R83–R89 Abnormal findings on examination of other body fluids, substances and tissues, without diagnosis
R90–R94 Abnormal findings on diagnostic imaging and in function studies, without diagnosis
R95–R99 Ill-defined and unknown causes of mortality

Chapter XIX
Injury, poisoning and certain other consequences of external causes (S00–T98)

S00–S09 Injuries to the head
S10–S19 Injuries to the neck
S20–S29 Injuries to the thorax
S30–S39 Injuries to the abdomen, lower back, lumbar spine and pelvis
S40–S49 Injuries to the shoulder and upper arm
S50–S59 Injuries to the elbow and forearm
S60–S69 Injuries to the wrist and hand
S70–S79 Injuries to the hip and thigh
S80–S89 Injuries to the knee and lower leg
S90–S99 Injuries to the ankle and foot
T00–T07 Injuries involving multiple body regions
T08–T14 Injuries to unspecified part of trunk, limb or body region
T15–T19 Effects of foreign body entering through natural orifice
T36–T50 Poisoning by drugs, medicaments and biological substances
T51–T65 Toxic effects of substances chiefly nonmedicinal as to source
T66–T78 Other and unspecified effects of external causes
LIST OF BLOCK TITLES

T79 Certain early complications of trauma
T80–T89 Complications of surgical and medical care, not elsewhere classified
T90–T98 Sequelae of injuries, of poisoning and of other consequences of external causes

Chapter XX
External causes of morbidity and mortality (V00–Y98)

X40–X49 Accidental poisoning by and exposure to noxious substances
Y40–Y84 Complications of medical and surgical care
Y90–Y98 Supplementary factors related to causes of morbidity and mortality classified elsewhere

Chapter XXI
Factors influencing health status and contact with health services (Z00–Z99)

Z00–Z13 Persons encountering health services for examination and investigation
Z20–Z29 Persons with potential health hazards related to communicable diseases
Z30–Z39 Persons encountering health services in circumstances related to reproduction
Z40–Z54 Persons encountering health services for specific procedures and health care
Z70–Z76 Persons encountering health services in other circumstances
Z80–Z99 Persons with potential health hazards related to family and personal history and certain conditions influencing health status
SECTION IV

Tabular list of neurological and related disorders
CHAPTER I

Certain infectious and parasitic diseases
(A00–B99)

Intestinal infectious diseases
(A00–A09)

- **A00.** Cholera

- **A01** Typhoid and paratyphoid fevers
  - **A01.0** Typhoid fever
    - Meningitis in typhoid fever† (G01*)

- **A02** Other salmonella infections
  - **A02.2†** Localized salmonella infections
    - Salmonella:
      - meningitis (G01*)
      - intracranial and intraspinal abscess (G07*)

- **A03.** Shigellosis

- **A04** Other bacterial intestinal infections
  - **A04.5** Campylobacter enteritis

- **A05** Other bacterial foodborne intoxications
  - **A05.1** Botulism

- **A06** Amoebiasis
  - **A06.6†** Amoebic brain abscess (G07*)

Tuberculosis
(A15–A19)

- **A17†** Tuberculosis of nervous system
A17.0† Tuberculous meningitis (G01*)
Tuberculous (lepto)meningitis (cerebral)(spinal)

A17.1† Meningeal tuberculoma (G07*)

A17.8† Other tuberculosis of nervous system
- Tuberculoma of brain (G07*)
- Tuberculosis of spinal cord (G07*)
Tuberculous:
- abscess of brain (G07*)
- meningoencephalitis (G05.0*)
- myelitis (G05.0*)
- polyneuropathy (G63.0*)

A17.9† Tuberculosis of nervous system, unspecified (G99.8*)

A18 Tuberculosis of other organs

A18.0† Tuberculosis of bones and joints
Tuberculosis of vertebral column [Pott] (M49.0*)

A18.8† Tuberculosis of other specified organs
- Tuberculosis of thyroid gland (E35.0*)
- Tuberculous cerebral arteritis (I68.1*)

Certain zoonotic bacterial diseases (A20–A28)

A20 Plague
A20.3 Plague meningitis
A20.7 Septicaemic plague

A21. Tularaemia

A22 Anthrax
A22.7 Anthrax septicaemia
A22.8 Other forms of anthrax
Anthrax meningitis† (G01*)

A23 Brucellosis
Includes: fever:
- Malta
CERTAIN INFECTIOUS AND PARASITIC DISEASES

- Mediterranean
- undulant

A23.0 Brucellosis due to Brucella melitensis
A23.1 Brucellosis due to Brucella abortus
A23.2 Brucellosis due to Brucella suis
A23.9 Brucellosis, unspecified

A27. Leptospirosis

Other bacterial diseases (A30—A49)

A30 Leprosy [Hansen’s disease]

*Includes*: infection due to Mycobacterium leprae
- mononeuropathy in leprosy† (G59.8*)
- polyneuropathy in leprosy† (G63.0*)

*Excludes*: sequelae of leprosy (B92)

A30.0 Indeterminate leprosy
I leprosy

A30.1 Tuberculoid leprosy
TT leprosy

A30.2 Borderline tuberculoid leprosy
BT leprosy

A30.3 Borderline leprosy
BB leprosy

A30.4 Borderline lepromatous leprosy
BL leprosy

A30.5 Lepromatous leprosy
LL leprosy

A30.8 Other forms of leprosy

A30.9 Leprosy, unspecified

A32 Listeriosis

*Includes*: listerial food-borne infection

*Excludes*: neonatal (disseminated) listeriosis (P37.2)
A32.1† Listerial meningitis and meningoencephalitis
Listerial:
• meningitis (G01*)
• meningoencephalitis (G05.0*)

A32.8 Other forms of listeriosis
Listerial cerebral arteritis† (I68.1*)

A33 Tetanus neonatorum

A34 Obstetrical tetanus

A35 Other tetanus
Tetanus NOS

A36 Diphtheria

A36.8 Other diphtheria
Diphtheritic polyneuritis† (G63.0*)

A37 . Whooping cough

A38 Scarlet fever
Scarlatina

A39 Meningococcal infection
A39.0† Meningococcal meningitis (G01*)
A39.1† Waterhouse–Friderichsen syndrome (E35.1*)
Meningococcic adrenal syndrome

A39.2 Acute meningococcaemia
A39.3 Chronic meningococcaemia
A39.4 Meningococcaemia, unspecified
A39.5 Meningococcal heart disease
A39.8 Other meningococcal infections
Meningococcal:
• encephalitis† (G05.0*)
• retrobulbar neuritis† (H48.1*)

A40 Streptococcal septicaemia
A40.0 Septicaemia due to streptococcus, group A
### CERTAIN INFECTIONOUS AND PARASITIC DISEASES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
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<td>Septicaemia due to streptococcus, group B</td>
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<td>A40.2</td>
<td>Septicaemia due to streptococcus, group D</td>
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<tr>
<td>A40.3</td>
<td>Septicaemia due to <em>Streptococcus pneumoniae</em>&lt;br&gt;Pneumococcal septicaemia</td>
</tr>
<tr>
<td>A40.8</td>
<td>Other streptococcal septicaemia</td>
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<tr>
<td>A40.9</td>
<td>Streptococcal septicaemia, unspecified</td>
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<td><strong>A41</strong></td>
<td><strong>Other septicaemia</strong></td>
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<tr>
<td>A41.0</td>
<td>Septicaemia due to <em>Staphylococcus aureus</em></td>
</tr>
<tr>
<td>A41.1</td>
<td>Septicaemia due to other specified staphylococcus&lt;br&gt;Septicaemia due to coagulase-negative staphylococcus</td>
</tr>
<tr>
<td>A41.2</td>
<td>Septicaemia due to unspecified staphylococcus</td>
</tr>
<tr>
<td>A41.3</td>
<td>Septicaemia due to <em>Haemophilus influenzae</em></td>
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<td>A41.4</td>
<td>Septicaemia due to anaerobes</td>
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<tr>
<td>A41.5</td>
<td>Septicaemia due to other Gram-negative organisms&lt;br&gt;Gram-negative septicaemia NOS</td>
</tr>
<tr>
<td>A41.8</td>
<td>Other specified septicaemia</td>
</tr>
<tr>
<td>A41.9</td>
<td>Septicaemia, unspecified&lt;br&gt;Septic shock</td>
</tr>
<tr>
<td><strong>A42.</strong></td>
<td><strong>Actinomycosis</strong></td>
</tr>
<tr>
<td><strong>A43.</strong></td>
<td><strong>Nocardiosis</strong></td>
</tr>
<tr>
<td><strong>A44</strong></td>
<td><strong>Bartonellosis</strong></td>
</tr>
<tr>
<td>A44.8</td>
<td>Other forms of bartonellosis&lt;br&gt;Neurological manifestations of bartonellosis</td>
</tr>
<tr>
<td><strong>A48</strong></td>
<td><strong>Other bacterial diseases, not elsewhere classified</strong></td>
</tr>
<tr>
<td>A48.3</td>
<td>Toxic shock syndrome</td>
</tr>
</tbody>
</table>

Infections with a predominantly sexual mode of transmission<br>(A50–A64)

*Excludes:* human immunodeficiency virus [HIV] disease (B20–B24)
ICD-NA

A50  Congenital syphilis
A50.0  Early congenital syphilis, symptomatic
Any congenital syphilitic condition specified as early or manifest less than two years after birth.

A50.1  Early congenital syphilis, latent
Congenital syphilis without clinical manifestations, with positive serological reaction and negative spinal fluid test, less than two years after birth.

A50.2  Early congenital syphilis, unspecified
Congenital syphilis NOS less than two years after birth.

A50.3  Late congenital syphilitic oculopathy

A50.4  Late congenital neurosyphilis [juvenile neurosyphilis]
Includes: late congenital syphilitic:
- encephalitis† (G05.0*)
- meningitis† (G01*)
- polyneuropathy† (G63.0*)

Use additional code, if desired, to identify any associated mental disorder.

A50.40  Juvenile general paresis
Dementia paralytica juvenilis
A50.41  Juvenile tabes dorsalis
A50.42  Juvenile taboparetic neurosyphilis

A50.5  Other late congenital syphilis, symptomatic
Clutton’s joints

A51  Early syphilis
A51.0  Primary genital syphilis
A51.1  Primary anal syphilis
A51.2  Primary syphilis of other sites
A51.3  Secondary syphilis of skin and mucous membranes
Condyloma latum
Syphilitic:
- alopecia† (L99.8*)
- leukoderma† (L99.8*)
- mucous patch

A51.4  Other secondary syphilis
Secondary syphilitic:
- meningitis† (G01*)
CERTAIN INFECTIOUS AND PARASITIC DISEASES

- myositis† (M63.0*)
- oculopathy NEC† (H58.8*)

A51.5 Early syphilis, latent
Syphilis (acquired) without clinical manifestations, with positive serological reaction and negative spinal fluid test, less than two years after infection.

A51.9 Early syphilis, unspecified

A52 Late syphilis

A52.0† Cardiovascular syphilis
Cardiovascular syphilis NOS (I98.0*)
Syphilitic:
- aneurysm of aorta (I79.0*)
- endocarditis (I39.–*)

A52.1 Symptomatic neurosyphilis
Charcot’s arthropathy† (M14.6*)
Late syphilitic:
- encephalitis† (G05.0*)
- general paresis† (G05.0*)
- meningitis† (G01*)
- optic atrophy† (H48.0*)
- polyneuropathy† (G63.0*)
- retrobulbar neuritis† (H48.1*)
Syphilitic:
- Argyll Robertson pupil† (H58.0*)
- parkinsonism† (G22.–2*)
- Tabes dorsalis† (G05.01*)

A52.2 Asymptomatic neurosyphilis

A52.3 Neurosyphilis, unspecified
Gumma (syphilitic)
Syphilis (late) of central nervous system NOS
Syphiloma

A52.7 Other symptomatic late syphilis
Syphilis [stage unspecified] of muscle† (M63.0*)

A52.8 Late syphilis, latent
Syphilis (acquired) without clinical manifestations, with positive serological reaction and negative spinal fluid test, two years or more after infection.

A52.9 Late syphilis, unspecified
**ICD-NA**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A53</td>
<td>Other and unspecified syphilis</td>
</tr>
<tr>
<td>A53.0</td>
<td>Latent syphilis, unspecified as early or late</td>
</tr>
<tr>
<td>A53.9</td>
<td>Syphilis, unspecified</td>
</tr>
<tr>
<td>A54</td>
<td>Gonococcal infection</td>
</tr>
<tr>
<td>A54.8</td>
<td>Other gonococcal infections</td>
</tr>
</tbody>
</table>

Gonococcal:
- brain abscess† (G07*)
- meningitis† (G01*)

**Other spirochaetal diseases** (A65–A69)

*Excludes:* leptospirosis (A27.–)
syphilis (A50–A53)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A68.–</td>
<td>Relapsing fevers</td>
</tr>
</tbody>
</table>

*Includes:* recurrent fever

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A69</td>
<td>Other spirochaetal infections</td>
</tr>
<tr>
<td>A69.2</td>
<td>Lyme disease</td>
</tr>
</tbody>
</table>

Erythema chronicum migrans due to *Borrelia burgdorferi*

**Other diseases caused by chlamydiae** (A70–A74)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A71.–</td>
<td>Trachoma</td>
</tr>
</tbody>
</table>

*Excludes:* sequelae of trachoma (B94.0)

**Rickettsioses** (A75–A79)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A75</td>
<td>Typhus fever</td>
</tr>
<tr>
<td>A75.0</td>
<td>Epidemic louse-borne typhus fever due to <em>Rickettsia prowazekii</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A77.–</td>
<td>Spotted fever [tick-borne rickettsioses]</td>
</tr>
</tbody>
</table>
CERTAIN INFECTIONOUS AND PARASITIC DISEASES

A79.– Other rickettsioses

Viral infections of the central nervous system
(A80–A89)

Excludes: sequelae of:
• poliomyelitis (B91)
• viral encephalitis (B94.1)

A80 Acute poliomyelitis
A80.0 Acute paralytic poliomyelitis, vaccine-associated
A80.1 Acute paralytic poliomyelitis, wild virus, imported
A80.2 Acute paralytic poliomyelitis, wild virus, indigenous
A80.3 Acute paralytic poliomyelitis, other and unspecified
A80.4 Acute nonparalytic poliomyelitis
A80.9 Acute poliomyelitis, unspecified

A81 Slow virus infections of central nervous system
Includes: prion diseases of the central nervous system
Excludes: HIV-associated encephalopathy (B22.0)
          HIV vacuolar myelopathy (B23.8)
          HTLV-1-associated myelopathy (G04.1)

A81.0 Creutzfeldt–Jakob disease
Subacute spongiform encephalopathy

A81.1 Subacute sclerosing panencephalitis
Dawson’s inclusion body encephalitis
Van Bogaert’s sclerosing leukoencephalopathy

A81.2 Progressive multifocal leukoencephalopathy
Multifocal leukoencephalopathy NOS

A81.8 Other slow virus infections of central nervous system
Excludes: rubella:
• encephalitis (acute) (B06.00)
• meningitis (B06.01)
• meningoencephalitis (B06.02)
• subacute panencephalitis (B06.03)

A81.80 Kuru
A81.81 Gerstmann–Straussler–Scheinker disease or syndrome
A81.9  Slow virus infection of central nervous system, unspecified

A82  Rabies
A82.0  Sylvatic rabies
A82.1  Urban rabies
A82.9  Rabies, unspecified

A83  Mosquito-borne viral encephalitis
   Includes:  mosquito-borne viral meningoencephalitis
   Excludes:  Venezuelan equine encephalitis (A92.2)
A83.0  Japanese encephalitis
A83.1  Western equine encephalitis
A83.2  Eastern equine encephalitis
A83.3  St Louis encephalitis
A83.4  Australian encephalitis
       Kunjin virus disease
A83.5  California encephalitis
       California meningoencephalitis
       La Crosse encephalitis
A83.6  Rocio virus disease
A83.8  Other mosquito-borne viral encephalitis
A83.9  Mosquito-borne viral encephalitis, unspecified

A84  Tick-borne viral encephalitis
   Includes:  tick-borne viral meningoencephalitis
A84.0  Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis]
A84.1  Central European tick-borne encephalitis
A84.8  Other tick-borne viral encephalitis
       Louping ill
       Powassan virus disease
A84.9  Tick-borne viral encephalitis, unspecified

A85  Other viral encephalitis, not elsewhere classified
CERTAIN INFECTIOUS AND PARASITIC DISEASES

Includes: specified viral:
  • encephalomyelitis NEC
  • meningoencephalitis NEC

Excludes: benign myalgic encephalomyelitis (G93.3)
encephalitis due to:
  • herpesvirus [herpes simplex] (B00.4)
  • measles virus (B05.0)
  • mumps virus (B26.2)
  • poliomyelitis virus (A80.-)
  • zoster (B02.0)
lymphocytic choriomeningitis (A87.2)

A85.0† Enteroviral encephalitis (G05.1*)
Enteroviral encephalomyelitis

A85.1† Adenoviral encephalitis (G05.1*)
Adenoviral meningoencephalitis

A85.2 Arthropod-borne viral encephalitis, unspecified

A85.8 Other specified viral encephalitis
Encephalitis lethargica
Von Economo–Cruchet disease

A86 Unspecified viral encephalitis
Viral:
  • encephalomyelitis NOS
  • meningoencephalitis NOS

A87 Viral meningitis

Excludes: meningitis due to:
  • herpesvirus [herpes simplex] (B00.3)
  • measles virus (B05.1)
  • mumps virus (B26.1)
  • poliomyelitis virus (A80.-)
  • zoster (B02.1)

A87.0† Enteroviral meningitis (G02.0*)
Coxsackievirus meningitis
Echovirus meningitis

A87.1† Adenoviral meningitis (G02.0*)

A87.2 Lymphocytic choriomeningitis
Lymphocytic meningoencephalitis

A87.8 Other viral meningitis

A87.9 Viral meningitis, unspecified
**A88** Other viral infections of central nervous system, not elsewhere classified  
*Excludes:* viral:  
- encephalitis NOS (A86)  
- meningitis NOS (A87.9)  

**A88.0** Enteroviral exanthematous fever [Boston exanthem]  
**A88.1** Epidemic vertigo  
**A88.8** Other specified viral infections of central nervous system  

**A89** Unspecified viral infection of central nervous system

Arthropod-borne viral fevers and viral haemorrhagic fevers  
(A90–A99)

**A90** Dengue fever [classical dengue]  
*Excludes:* dengue haemorrhagic fever (A91)  

**A91** Dengue haemorrhagic fever  

**A92** Other mosquito-borne viral fevers  
**A92.2** Venezuelan equine fever  
Venezuelan equine:  
- encephalitis  
- encephalomyelitis virus disease  

**A95.–** Yellow fever

**A96** Arenaviral haemorrhagic fever  
*Includes:* arenaviral meningitis† (G02.0*)  

**A96.2** Lassa fever  

**A98** Other viral haemorrhagic fevers, not elsewhere classified  
**A98.2** Kyasanur Forest disease  
**A98.3** Marburg virus disease  
**A98.4** Ebola virus disease
CERTAIN INFECTIOUS AND PARASITIC DISEASES

Viral infections characterized by skin and mucous membrane lesions (B00–B09)

**B00** Herpesviral [herpes simplex] infections

Exclusive: congenital herpesviral infection (P35.2)

**B00.3†** Herpesviral meningitis (G02.0*)

**B00.4†** Herpesviral encephalitis (G05.1*)

Herpesviral meningoencephalitis

Simian B disease

**B00.7** Disseminated herpesviral disease

Herpesviral septicaemia

**B01** Varicella [chickenpox]

**B01.0†** Varicella meningitis (G02.0*)

**B01.1†** Varicella encephalitis (G05.1*)

Postchickenpox encephalitis

Varicella encephalomyelitis

**B02** Zoster [herpes zoster]

**B02.0†** Zoster encephalitis (G05.1*)

Zoster meningoencephalitis

**B02.1†** Zoster meningitis (G02.0*)

**B02.2†** Zoster with other nervous system involvement

Acute herpetic geniculate ganglionitis (G53.04*)

Acute trigeminal herpes zoster neuropathy (G53.00*)

Postherpetic:

- geniculate ganglionitis (G53.05*)
- ocular nerve palsy (G53.06*)
- polyneuropathy (G63.0*)

Postzoster:

- glossopharyngeal neuralgia (G53.03*)
- trigeminal neuralgia (G53.01*)

**B03** Smallpox†

† In 1980 the 33rd World Health Assembly declared that smallpox had been eradicated. The classification is retained for surveillance purposes.
B05 Measles

*Includes:* morbilli

*Excludes:* subacute sclerosing panencephalitis (A81.1)

B05.0† Measles complicated by encephalitis (G05.1*)
Postmeasles encephalitis

B05.1† Measles complicated by meningitis (G02.0*)
Postmeasles meningitis

B06 Rubella [German measles]

*Excludes:* congenital rubella (P35.0)

B06.0† Rubella with neurological complications

B06.00† Rubella encephalitis (acute) (G05.1*)
B06.01† Rubella meningitis (G02.0*)
B06.02† Rubella meningoencephalitis (G05.1*)
B06.03† Rubella subacute panencephalitis (G05.1*)

Viral hepatitis
(B15–B19)

B15 Acute hepatitis A
B15.0 Hepatitis A with hepatic coma

B16 Acute hepatitis B
B16.0 Acute hepatitis B with delta-agent (coinfection) with hepatic coma
B16.2 Acute hepatitis B without delta-agent with hepatic coma

B17.– Other acute viral hepatitis

B18.– Chronic viral hepatitis
Chronic hepatitis B

B19 Unspecified viral hepatitis
B19.0 Unspecified viral hepatitis with coma
Certain Infectious and Parasitic Diseases

Human immunodeficiency virus [HIV] disease (B20–B24)

Note: The fourth-character subcategories of B20–B23 are provided for optional use where it is not possible or not desired to use multiple coding to identify the specific conditions.

Excludes: asymptomatic human immunodeficiency virus [HIV] infection status (Z21)

B20 Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases

Excludes: acute HIV infection syndrome (B23.0)

B20.0 HIV disease resulting in mycobacterial infection
HIV disease resulting in tuberculosis

B20.1 HIV disease resulting in other bacterial infections

B20.2 HIV disease resulting in cytomegaloviral disease

B20.3 HIV disease resulting in other viral infections

B20.4 HIV disease resulting in candidiasis

B20.5 HIV disease resulting in other mycoses

B20.6 HIV disease resulting in *Pneumocystis carinii* pneumonia

B20.7 HIV disease resulting in multiple infections

B20.8 HIV disease resulting in other infectious and parasitic diseases

B20.9 HIV disease resulting in unspecified infectious or parasitic disease
HIV disease resulting in infection NOS

B21 Human immunodeficiency virus [HIV] disease resulting in malignant neoplasms

B21.0 HIV disease resulting in Kaposi’s sarcoma

B21.1 HIV disease resulting in Burkitt’s lymphoma

B21.2 HIV disease resulting in other types of non-Hodgkin’s lymphoma

B21.3 HIV disease resulting in other malignant neoplasms of lymphoid, haematopoetic and related tissue
ICD-NA

B21.7 HIV disease resulting in multiple malignant neoplasms
B21.8 HIV disease resulting in other malignant neoplasms
B21.9 HIV disease resulting in unspecified malignant neoplasm

B22 Human immunodeficiency virus [HIV] disease resulting in other specified diseases

B22.0 HIV disease resulting in encephalopathy
HIV dementia
HIV leukoencephalopathy

B22.1 HIV disease resulting in lymphoid interstitial pneumonitis

B22.2 HIV disease resulting in wasting syndrome
HIV disease resulting in failure to thrive
Slim disease

B23 Human immunodeficiency virus [HIV] disease resulting in other conditions

B23.0 Acute HIV infection syndrome

B23.1 HIV disease resulting in (persistent) generalized lymphadenopathy

B23.2 HIV disease resulting in haematological and immunological abnormalities, not elsewhere classified

B23.8 HIV disease resulting in other specified conditions
HIV peripheral neuropathy† (G63.0*)
Vacuolar myelopathy† (G99.2*)

B24 Unspecified human immunodeficiency virus [HIV] disease
Acquired immunodeficiency syndrome [AIDS] NOS
AIDS-related complex [ARC] NOS

Other viral diseases (B25–B34)

B25 Cytomegaloviral disease
Excludes: congenital cytomegalovirus infection (P35.1)
cytomegaloviral mononucleosis (B27.1)

B25.8 Other cytomegaloviral diseases

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CERTAIN INFECTIOUS AND PARASITIC DISEASES

**B26**  
**Mumps**  
B26.1†  Mumps meningitis (G02.0*)  
B26.2†  Mumps encephalitis (G05.1*)  
B26.8  Mumps with other complications  
Mumps polyneuropathy† (G63.0*)

**B27**  
**Infectious mononucleosis**  
B27.0  Gammaherpesviral mononucleosis  
Mononucleosis due to Epstein–Barr virus  
B27.1  Cytomegaloviral mononucleosis

**B33**  
**Other viral diseases, not elsewhere classified**  
B33.0  Epidemic myalgia  
Bornholm disease  
B33.1  Ross River disease

**Mycoses**  
(B35–B49)

**B37**  
**Candidiasis**  
*Includes:* candidosis  
moniliasis  
*Excludes:* neonatal candidiasis (P37.5)  
B37.5†  Candidal meningitis (G02.1*)

**B38**  
**Coccidioidomycosis**  
B38.4†  Coccidioidomycosis meningitis (G02.1*)

**B39—**  
**Histoplasmosis**

**B40**  
**Blastomycosis**  
B40.7  Disseminated blastomycosis  
Generalized blastomycosis  
B40.8  Other forms of blastomycosis
Paracoccidioidomycosis

Includes: Brazilian blastomycosis
          Lutz' disease

Disseminated paracoccidioidomycosis
Generalized paracoccidioidomycosis

Other forms of paracoccidioidomycosis

Chromomycosis and phaeomycotic abscess

Phaeomycotic brain abscess
Cerebral chromomycosis

Aspergillosis

Includes: aspergilloma

Disseminated aspergillosis
Generalized aspergillosis

Other forms of aspergillosis

Cryptococcosis

Cerebral cryptococcosis
Cryptococcal:
  • brain abscess† (G07*)
  • meningitis† (G02.1*)
Cryptococcoma of brain† (G07*)
Cryptococcosis meningocerebralis

Disseminated cryptococcosis
Generalized cryptococcosis

Zygomycosis

Rhinocerebral mucormycosis

Other mycoses, not elsewhere classified

Opportunistic mycoses
Mycoses caused by fungi of low virulence that can establish an infection only as a consequence of factors such as the presence of debilitating disease or the administration of immunosuppressive and other therapeutic agents or radiation therapy. Most of the causal fungi are normally saprophytic in soil and decaying vegetation.
CERTAIN INFECTIOUS AND PARASITIC DISEASES

Protozoal diseases
(B50–B64)

**B50** *Plasmodium falciparum* malaria
*Includes*: mixed infections of *Plasmodium falciparum* with any other *Plasmodium* species

**B50.0** *Plasmodium falciparum* malaria with cerebral complications
Cerebral malaria NOS

**B51** *Plasmodium vivax* malaria
*Includes*: mixed infections of *Plasmodium vivax* with other *Plasmodium* species, except *Plasmodium falciparum*
*Excludes*: when mixed with *Plasmodium falciparum* (B50.–)

**B51.8** *Plasmodium vivax* malaria with other complications

**B52** *Plasmodium malariae* malaria
*Includes*: mixed infections of *Plasmodium malariae* with other *Plasmodium* species, except *Plasmodium falciparum* and *Plasmodium vivax*
*Excludes*: when mixed with *Plasmodium*:
- *falciparum* (B50.–)
- *vivax* (B51.–)

**B52.8** *Plasmodium malariae* malaria with other complications

**B53.–** Other parasitologically confirmed malaria

**B54** Unspecified malaria
Clinically diagnosed malaria without parasitological confirmation.

**B56** African trypanosomiasis

**B56.0** Gambiense trypanosomiasis
Infection due to *Trypanosoma brucei gambiense*
West African sleeping sickness

**B56.1** Rhodesiense trypanosomiasis
East African sleeping sickness
Infection due to *Trypanosoma brucei rhodesiense*

**B56.9** African trypanosomiasis, unspecified
Sleeping sickness NOS
Trypanosomiasis NOS, in places where African trypanosomiasis is prevalent
B57  Chagas' disease  
_Includes:_ American trypanosomiasis  
infection due to _Trypanosoma cruzi_  

B57.0†  Acute Chagas' disease with heart involvement (L41.2*, I98.1*)  

B57.2†  Chagas' disease (chronic) with heart involvement (L41.2*, I98.1*)  
_American trypanosomiasis NOS_  
_Chagas' disease NOS_  
Trypanosomiasis NOS, in places where Chagas' disease is prevalent  

B57.4  Chagas' disease (chronic) with nervous system involvement  

B58  Toxoplasmosis  
_Includes:_ infection due to _Toxoplasma gondii_  
_Excludes:_ congenital toxoplasmosis (P37.1)  

B58.0†  Toxoplasma oculopathy  
Toxoplasma chorioretinitis (H32.0*)  

B58.2†  Toxoplasma meningoencephalitis (G05.2*)  

B58.3†  Pulmonary toxoplasmosis (J17.3*)  

B60  Other protozoal diseases, not elsewhere classified  

B60.2  Naegleriasis  
Primary amoebic meningoencephalitis† (G05.2*)  

_Helminthiases_  
(B65–B83)  

B65.—  Schistosomiasis [bilharziasis]  
_Includes:_ snail fever  

B66  Other fluke infections  

B66.4  Paragonimiasis  
Infection due to _Paragonimus_ species  

B67  Echinococciosis  
_Includes:_ hydatidosis  

B67.3  _Echinococcus granulosus_ infection, other and multiple sites
B67.6 *Echinococcus multilocularis* infection, other and multiple sites

B67.7 *Echinococcus multilocularis* infection, unspecified

B67.9 Echinococcosis, other and unspecified
Echinococcosis NOS

**B69** Cysticercosis
*Includes:* cysticerciasis infection due to larval form of *Taenia solium*

B69.0 Cysticercosis of central nervous system

B69.1 Cysticercosis of eye

B69.8 Cysticercosis of other sites

B69.9 Cysticercosis, unspecified

**B70** Diphyllobothriasis and sparganosis

B70.0 Diphyllobothriasis
*Diphyllobothrium* (adult) *lata*um* (pacificum)* infection
Fish tapeworm (infection)

**B73** Onchocerciasis
*Onchocerca volvulus* infection
Onchocercosis
River blindness

**B74.—** Filariasis
*Excludes:* onchocerciasis (B73)

**B75** Trichinellosis
Infection due to *Trichinella* species
Trichiniasis

**B77** Ascariasis
*Includes:* ascaridiasis
Roundworm infection

B77.8 Ascariasis with other complications

**B83** Other helminthiases

B83.2 Angiostrongyliliasis due to *Parastrongylus cantonensis*
Eosinophilic meningoencephalitis† (G05.2*)
Sequela of infectious and parasitic diseases (B90–B94)

Note: These categories are to be used to indicate conditions in categories A00–B89 as the cause of sequelae, which are themselves classified elsewhere. The “sequelae” include conditions specified as such; they also include late effects of diseases classifiable to the above categories if there is evidence that the disease itself is no longer present. (See also Section II, note 1.5, coding of late effects.)

**B90** Sequela of tuberculosis
- B90.0 Sequela of central nervous system tuberculosis

**B91** Sequela of poliomyelitis
- B91.0 Progressive postpolio muscular atrophy
- B91.1 Postpolio pain syndrome due to joint deformity
- B91.2 Postpolio pain syndrome, idiopathic

**B92** Sequela of leprosy

**B94** Sequela of other and unspecified infectious and parasitic diseases
- B94.0 Sequela of trachoma
- B94.1 Sequela of viral encephalitis
- B94.8 Sequela of other specified infectious and parasitic diseases
- B94.9 Sequela of unspecified infectious or parasitic disease

Bacterial, viral and other infectious agents (B95–B97)

Note: These categories should never be used in primary coding. They are provided for use as supplementary or additional codes when it is desired to identify the infectious agent(s) in diseases classified elsewhere.

**B95** Streptococcus and staphylococcus as the cause of diseases classified to other chapters
B95.0 Streptococcus, group A, as the cause of diseases classified to other chapters
B95.1 Streptococcus, group B, as the cause of diseases classified to other chapters
B95.2 Streptococcus, group D, as the cause of diseases classified to other chapters
B95.3 *Streptococcus pneumoniae* as the cause of diseases classified to other chapters
B95.4 Other streptococcus as the cause of diseases classified to other chapters
B95.5 Unspecified streptococcus as the cause of diseases classified to other chapters
B95.6 *Staphylococcus aureus* as the cause of diseases classified to other chapters
B95.7 Other staphylococcus as the cause of diseases classified to other chapters
B95.8 Unspecified staphylococcus as the cause of diseases classified to other chapters

B96 Other bacterial agents as the cause of diseases classified to other chapters
B96.0 *Mycoplasma pneumoniae* [*M. pneumoniae*] as the cause of diseases classified to other chapters
Pleuro-pneumonia-like-organism [PPLO]
B96.1 *Klebsiella pneumoniae* [*K. pneumoniae*] as the cause of diseases classified to other chapters
B96.2 *Escherichia coli* [*E. coli*] as the cause of diseases classified to other chapters
B96.3 *Haemophilus influenzae* [*H. influenzae*] as the cause of diseases classified to other chapters
B96.4 *Proteus* (*mirabilis*)(*morganii*) as the cause of diseases classified to other chapters
B96.5 *Pseudomonas* (*aeruginosa*)(*mallei*)(*pseudomallei*) as the cause of diseases classified to other chapters
B96.6 *Bacillus fragilis* [*B. fragilis*] as the cause of diseases classified to other chapters
B96.7 *Clostridium perfringens* [C. perfringens] as the cause of diseases classified to other chapters

B96.8 Other specified bacterial agents as the cause of diseases classified to other chapters

**B97** Viral agents as the cause of diseases classified to other chapters

B97.0 Adenovirus as the cause of diseases classified to other chapters

B97.1 Enterovirus as the cause of diseases classified to other chapters
   Coxsackievirus
   Echovirus

B97.2 Coronavirus as the cause of diseases classified to other chapters

B97.3 Retrovirus as the cause of diseases classified to other chapters
   Lentivirus
   Oncovirus

B97.4 Respiratory syncytial virus as the cause of diseases classified to other chapters

B97.5 Reovirus as the cause of diseases classified to other chapters

B97.6 Parvovirus as the cause of diseases classified to other chapters

B97.7 Papillomavirus as the cause of diseases classified to other chapters

B97.8 Other viral agents as the cause of diseases classified to other chapters
CHAPTER II

Neoplasms
(C00–D48)

Notes

1. Primary, ill-defined, secondary and unspecified sites of malignant neoplasms

Categories C76–C80 include malignant neoplasms where there is no clear indication of the original site of the cancer or the cancer is stated to be "disseminated", "scattered" or "spread" without mention of the primary site. In both cases the primary site is considered to be unknown.

2. Functional activity

All neoplasms are classified in this chapter, whether they are functionally active or not. An additional code from Chapter IV may be used, if desired, to identify functional activity associated with any neoplasm. For example, catecholamine-producing malignant phaeochromocytoma of adrenal gland should be coded to C74 with additional code E27.5; basophil adenoma of pituitary gland with Cushing's syndrome should be coded to D35.2 with additional code E24.0.

3. Morphology

There are a number of major morphological (histological) groups of malignant neoplasms: carcinomas including squamous (cell) and adenocarcinomas; sarcomas; other soft tissue tumours including mesotheliomas; lymphomas (Hodgkin's and non-Hodgkin's); leukaemia; other specified and site-specific types; and unspecified cancers. Cancer is a generic term and may be used for any of the above groups, although it is rarely applied to the malignant neoplasms of lymphatic, haematopoietic and related tissue. "Carcinoma" is sometimes used incorrectly as a synonym for "cancer".

In Chapter II neoplasms are classified predominantly by site within broad groupings for behaviour. In a few exceptional cases morphology is indicated in the category and subcategory titles.

For those wishing to identify the histological type of neoplasm, comprehensive separate morphology codes are provided on pages 459-476. These morphology codes are derived from the second edition of International Clas-
sification of Diseases for Oncology (ICD-O), which is a dual-axis classification providing independent coding systems for topography and morphology. Morphology codes have six digits: the first four digits identify the histological type; the fifth digit is the behaviour code (malignant primary, malignant secondary (metastatic), in situ, benign, uncertain whether malignant or benign); and the sixth digit is a grading code (differentiation) for solid tumours, and is also used as a special code for lymphomas and leukaemias.

4. Use of subcategories in Chapter II

Attention is drawn to the special use of subcategory .8 in this chapter [see note 5]. Where it has been necessary to provide subcategories for “other”, these have generally been designated as subcategory .7.

5. Malignant neoplasms overlapping site boundaries and the use of subcategory .8 (overlapping lesion)

Categories C00–C75 classify primary malignant neoplasms according to their point of origin. Many three-character categories are further divided into named parts or subcategories of the organ in question. A neoplasm that overlaps two or more contiguous sites within a three-character category and whose point of origin cannot be determined should be classified to the subcategory .8 (“overlapping lesion”), unless the combination is specifically indexed elsewhere. “Overlapping” implies that the sites involved are contiguous (next to each other). Numerically consecutive subcategories are frequently anatomically contiguous, but this is not invariably so (e.g. bladder C67.–) and the coder may wish to consult anatomical texts to determine the topographical relationships.

Sometimes a neoplasm overlaps the boundaries of three-character categories within certain systems. To take care of this, subcategories have been designated for overlapping lesions, e.g. carcinoma of the stomach and small intestine, which should be coded to C26.8 (Overlapping lesion of digestive system).

C02.8 Overlapping lesion of tongue
C14.8 Overlapping lesion of lip, oral cavity and pharynx
C21.8 Overlapping lesion of rectum, anus and anal canal
C24.8 Overlapping lesion of biliary tract
C26.8 Overlapping lesion of digestive system
C39.8 Overlapping lesion of respiratory and intrathoracic organs
C41.8 Overlapping lesion of bone and articular cartilage
C49.8 Overlapping lesion of connective and soft tissue
C57.8 Overlapping lesion of female genital organs
C63.8 Overlapping lesion of male genital organs
C68.8 Overlapping lesion of urinary organs
6. Malignant neoplasms of ectopic tissue

Malignant neoplasms of ectopic tissue are to be coded to the site mentioned, e.g. malignant neoplasms of ectopic testis are coded to C62.0.

7. Use of the Alphabetical Index in coding neoplasms

In addition to site, morphology and behaviour must also be taken into consideration when coding neoplasms. However, the index of this book provides only the alphanumeric codes used in the tabular lists. The morphology codes for neoplasms are not indexed, and must be looked for, if desired, in the numerical list of Section V.

8. Use of the second edition of International Classification of Diseases for Oncology (ICD-O)

For certain morphological types, Chapter II provides a rather restricted topographical classification, or none at all. The topography codes of ICD-O use for all neoplasms essentially the same three- and four-character categories that Chapter II uses for malignant neoplasms (C00–C77, C80), thus providing increased specificity of site for other neoplasms (malignant secondary (metastatic), benign, in situ and uncertain or unknown).

It is therefore recommended that those interested in identifying both the site and morphology of tumours, e.g. cancer registries, cancer hospitals, pathology departments and other agencies specializing in cancer, use ICD-O.

Malignant neoplasms
(C00–C97)

Malignant neoplasms of lip, oral cavity and pharynx
(C00–C14)

| C02  | Malignant neoplasm of other and unspecified parts of tongue |
| C02.8 | Overlapping lesion of tongue |
| C07  | Malignant neoplasm of parotid gland |
Malignant neoplasms of digestive organs (C15–C26)

C15.– Malignant neoplasm of oesophagus

C16.– Malignant neoplasm of stomach

C17.– Malignant neoplasm of small intestine

C18.– Malignant neoplasm of colon

C19 Malignant neoplasm of rectosigmoid junction
   Colon with rectum
   Rectosigmoid (colon)

C20 Malignant neoplasm of rectum
   Rectal ampulla

C21 Malignant neoplasm of anus and anal canal

C21.8 Overlapping lesion of rectum, anus and anal canal

C22.– Malignant neoplasm of liver and intrahepatic bile ducts
   Excludes: secondary malignant neoplasm of liver (C78.–)

C23 Malignant neoplasm of gallbladder

C24 Malignant neoplasm of other and unspecified parts of biliary tract

C24.8 Overlapping lesion of biliary tract
C25.— Malignant neoplasm of pancreas

C26 Malignant neoplasm of other and ill-defined digestive organs

*Excludes:* peritoneum and retroperitoneum (C48.-)

C26.8 Overlapping lesion of digestive system

Malignant neoplasms of respiratory and intrathoracic organs
(C30–C39)

C30 Malignant neoplasm of nasal cavity and middle ear
C30.0 Nasal cavity
C30.1 Middle ear

C31 Malignant neoplasm of accessory sinuses
C31.0 Maxillary sinus
Antrum (Highmore)(maxillary)
C31.1 Ethmoidal sinus
C31.2 Frontal sinus
C31.3 Sphenoidal sinus
C31.8 Overlapping lesion of accessory sinuses

C32 Malignant neoplasm of larynx
C32.0 Glottis
C32.1 Supraglottis
C32.2 Subglottis
C32.3 Laryngeal cartilage
C32.8 Overlapping lesion of larynx

C33 Malignant neoplasm of trachea

C34.— Malignant neoplasm of bronchus and lung

C37 Malignant neoplasm of thymus
Malignant neoplasm of heart, mediastinum and pleura

Excludes: mesothelioma (C45.-)

C38.1 Anterior mediastinum
C38.2 Posterior mediastinum
C38.3 Mediastinum, part unspecified
C38.8 Overlapping lesion of heart, mediastinum and pleura

Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs

C39.8 Overlapping lesion of respiratory and intrathoracic organs

Malignant neoplasms of bone and articular cartilage (C40–C41)

C40.– Malignant neoplasm of bone and articular cartilage of limbs

C41 Malignant neoplasm of bone and articular cartilage of other and unspecified sites

Excludes: bones of limbs (C40.–)
          cartilage of larynx (C32.3)

C41.0 Bones of skull and face
       Maxilla (superior)
       Orbital bone

Excludes: carcinoma, any type except intraosseous or odontogenic, of maxillary sinus (C31.0)
          jaw bone (lower) (C41.1)

C41.1 Mandible
       Lower jaw bone

C41.2 Vertebral column

Excludes: sacrum and coccyx (C41.4)

C41.3 Ribs, sternum and clavicle

C41.4 Pelvic bones, sacrum and coccyx

C41.8 Overlapping lesion of bone and articular cartilage
Melanoma and other malignant neoplasms of skin (C43–C44)

**C43.– Malignant melanoma of skin**

**C44.– Other malignant neoplasms of skin**

*Includes:* malignant neoplasm of:
- sebaceous glands
- sweat glands

*Excludes:* Kaposi’s sarcoma (C46.–)
  - malignant melanoma of skin (C43.–)
  - skin of genital organs (C51–C52, C60.–, C63.–)

Malignant neoplasms of mesothelial and soft tissue (C45–C49)

**C45 Mesothelioma**

C45.1 Mesothelioma of peritoneum

**C46 Kaposi’s sarcoma**

C46.1 Kaposi’s sarcoma of soft tissue
C46.7 Kaposi’s sarcoma of other sites
C46.8 Kaposi’s sarcoma of multiple organs

**C47 Malignant neoplasm of peripheral nerves and autonomic nervous system**

C47.0 Peripheral nerves of head, face and neck
  - C47.00 Cervical nerve roots
  - C47.01 Cervical nerves
  - C47.02 Cervical sympathetic chain and plexus
  - C47.07 Other peripheral nerves of head, face and neck

C47.1 Peripheral nerves of upper limb, including shoulder
  - C47.10 Brachial plexus
  - C47.11 Radial nerve and branches
  - C47.12 Median nerve and branches
  - C47.13 Ulnar nerve and branches
  - C47.17 Other peripheral nerves of upper limb
C47.2  Peripheral nerves of lower limb, including hip
  C47.20  Sciatic nerve
  C47.21  Gluteal nerve
  C47.22  Peroneal nerve and branches
  C47.23  Tibial nerve and branches
  C47.27  Other peripheral nerves of lower limb

C47.3  Peripheral nerves of thorax
  C47.30  Thoracic nerve roots
  C47.31  Thoracic nerve
  C47.32  Thoracic sympathetic chain and plexus
  C47.37  Other peripheral nerves of thorax

C47.4  Peripheral nerves of abdomen
  C47.40  Lumbar nerve roots
  C47.41  Lumbar nerve
  C47.42  Lumbar plexus
  C47.47  Other peripheral nerves of abdomen

C47.5  Peripheral nerves of pelvis
  C47.50  Sacral nerve roots
  C47.51  Sacral nerve
  C47.52  Pudendal nerve
  C47.53  Obturator nerve
  C47.57  Other peripheral nerves of pelvis

C47.6  Peripheral nerves of trunk, unspecified

C47.8  Overlapping lesion of peripheral nerves and autonomic nervous system

C47.9  Peripheral nerves and autonomic nervous system, unspecified

C48.–  Malignant neoplasm of retroperitoneum and peritoneum
  Excludes:  Kaposi’s sarcoma (C46.1)
             mesothelioma (C45.–)

C49  Malignant neoplasm of other connective and soft tissue
  Includes:  muscle
            tendon (sheath)
Excludes: cartilage (of):
• articular (C40–C41)
• larynx (C32.3)
Kaposi's sarcoma (C46.-)
mesothelioma (C45.-)
peripheral nerves and autonomic nervous system (C.47.-)

C49.0 Connective and soft tissue of head, face and neck
C49.1 Connective and soft tissue of upper limb, including shoulder
C49.2 Connective and soft tissue of lower limb, including hip
C49.3 Connective and soft tissue of thorax
C49.4 Connective and soft tissue of abdomen
C49.5 Connective and soft tissue of pelvis
C49.6 Connective and soft tissue of trunk, unspecified
C49.8 Overlapping lesion of connective and soft tissue
C49.9 Connective and soft tissue, unspecified

Malignant neoplasm of breast (C50)

C50.– Malignant neoplasm of breast

Malignant neoplasms of female genital organs (C51–C58)

C51.– Malignant neoplasm of vulva
C52 Malignant neoplasm of vagina
C53.– Malignant neoplasm of cervix uteri
C54.– Malignant neoplasm of corpus uteri
C55 Malignant neoplasm of uterus, part unspecified
C56 Malignant neoplasm of ovary
Malignant neoplasms of female genital organs (C57-C58)

C57 Malignant neoplasm of other and unspecified female genital organs
C57.8 Overlapping lesion of female genital organs

C58 Malignant neoplasm of placenta
Choriocarcinoma NOS
Chorionepithelioma NOS

Malignant neoplasms of male genital organs (C60–C63)

C60. Malignant neoplasm of penis
C61 Malignant neoplasm of prostate
C62 Malignant neoplasm of testis
C62.0 Undescended testis
Ectopic testis [site of neoplasm]
Retained testis [site of neoplasm]

C63 Malignant neoplasm of other and unspecified male genital organs
C63.8 Overlapping lesion of male genital organs

Malignant neoplasms of urinary tract (C64–C68)

C64 Malignant neoplasm of kidney, except renal pelvis
C65 Malignant neoplasm of renal pelvis
Pelviureteric junction
Renal calyces
C66 Malignant neoplasm of ureter

C67. Malignant neoplasm of bladder
C68 Malignant neoplasm of other and unspecified urinary organs

C68.8 Overlapping lesion of urinary organs

Malignant neoplasms of eye, brain and other parts of central nervous system (C69–C72)

C69 Malignant neoplasm of eye and adnexa
Excludes: optic nerve (C72.3)

C69.2 Retina

C69.6 Orbit
Connective tissue of orbit
Extraocular muscle
Peripheral nerves of orbit
Retrobulbar tissue
Retro-ocular tissue

C70 Malignant neoplasm of meninges
Excludes: secondary carcinomatous meningitis (C79.36)

C70.0 Cerebral meninges

C70.1 Spinal meninges

C70.9 Meninges, unspecified

C71 Malignant neoplasm of brain
Excludes: cranial nerves (C72.2–C72.5)
retrobulbar tissue (C69.6)

C71.0 Cerebrum, except lobes and ventricles

C71.00 Corpus callosum
C71.01 Basal ganglia and thalamus
C71.02 Hypothalamus
C71.07 Other parts of cerebrum, except lobes and ventricles
C71.09 Supratentorial, unspecified

C71.1 Frontal lobe

C71.2 Temporal lobe

C71.3 Parietal lobe

C71.4 Occipital lobe
### ICD-NA

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<th>Description</th>
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<td><strong>Excludes:</strong> fourth ventricle (C71.73)</td>
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<td><strong>Brain stem</strong></td>
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<td>Midbrain</td>
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<td>Pons</td>
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<td>C71.73</td>
<td>Fourth ventricle</td>
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<td>C71.78</td>
<td>Multiple and overlapping lesion of brain stem</td>
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<td>Infratentorial, unspecified</td>
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<td><strong>Overlapping lesion of brain</strong></td>
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<td><strong>Brain, unspecified</strong></td>
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<td><strong>C72</strong></td>
<td><strong>Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system</strong></td>
<td><strong>Excludes:</strong> meninges (C70.–)</td>
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<td>peripheral nerves and autonomic nervous system (C47.–)</td>
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<td>C72.0</td>
<td><strong>Spinal cord</strong></td>
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<td>C72.00</td>
<td>Cervical spinal cord</td>
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<td>C72.01</td>
<td>Cervicothoracic spinal cord</td>
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<td>C72.08</td>
<td>Multiple and overlapping lesion of spinal cord</td>
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<td>C72.2</td>
<td><strong>Olfactory nerve</strong></td>
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<td>C72.21</td>
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<td>Retrobulbar optic nerve</td>
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<td>C72.31</td>
<td>Optic chiasm</td>
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C72.4 Acoustic nerve

C72.5 Other and unspecified cranial nerves
Includes: cranial nerve NOS

C72.50 Oculomotor nerves
  C72.500 Oculomotor nerve [3rd cranial nerve]
  C72.501 Trochlear nerve [4th cranial nerve]
  C72.502 Abducens nerve [6th cranial nerve]

C72.51 Trigeminal nerve [5th cranial nerve]

C72.52 Facial nerve [7th cranial nerve]

C72.53 Glossopharyngeal nerve [9th cranial nerve]

C72.54 Vagus nerve [10th cranial nerve]

C72.55 Accessory nerve [11th cranial nerve]

C72.56 Hypoglossal nerve [12th cranial nerve]

C72.57 Multiple cranial nerves

C72.8 Overlapping lesion of brain and other parts of central nervous system
Malignant neoplasm of brain and other parts of central nervous system whose point of origin cannot be assigned to any one of the categories C70–C72.5

C72.9 Central nervous system, unspecified

Malignant neoplasms of thyroid and other endocrine glands
(C73–C75)

C73 Malignant neoplasm of thyroid gland

C74.– Malignant neoplasm of adrenal gland

C75 Malignant neoplasm of other endocrine glands and related structures

C75.0 Parathyroid gland

C75.1 Pituitary gland

C75.2 Craniohypophyseal duct

C75.3 Pineal gland

C75.4 Carotid body
C75.5 Aortic body and other paraganglia
  C75.50 Glomus jugulare
  C75.51 Glomus tympanicum
  C75.57 Other paraganglia

C75.8 Pluriglandular involvement, unspecified
  Note: If the sites of multiple involvement are known, they should be coded separately.

C75.9 Endocrine gland, unspecified

Malignant neoplasms of ill-defined sites, secondary and unspecified sites (C76–C80)

C76 Malignant neoplasm of other and ill-defined sites
  Excludes: malignant neoplasm of:
    • lymphoid, haematopoietic and related tissue (C81–C96)
    • unspecified site (C80)

C76.0 Head, face and neck
  Cheek NOS
  Nose NOS

C77.— Secondary and unspecified malignant neoplasm of lymph nodes
  Excludes: malignant neoplasm of lymph nodes, specified as primary (C81–C88, C96.—)

C78.— Secondary malignant neoplasm of respiratory and digestive organs

C79 Secondary malignant neoplasm of other sites

C79.3 Secondary malignant neoplasm of brain and cerebral meninges
  C79.30 Cerebral lobes
    C79.300 Frontal lobe
    C79.301 Temporal lobe
    C79.302 Parietal lobe
    C79.303 Occipital lobe
C79.31 Cerebral ventricles
   C79.310 Lateral ventricle
   C79.311 Third ventricle
C79.32 Basal ganglia and thalamus
C79.33 Hypothalamus
C79.34 Corpus callosum
C79.35 Brain stem
   C79.350 Midbrain
   C79.351 Pons
   C79.352 Medulla
   C79.353 Fourth ventricle
   C79.358 Multiple or overlapping lesion of brain stem
C79.36 Cerebellum
C79.37 Meninges
   C79.370 Cerebral meninges, supratentorial
   C79.371 Cerebral meninges, infratentorial
   C79.372 Carcinomatous meningitis
C79.38 Multiple or overlapping

C79.4 Secondary malignant neoplasm of other and unspecified parts of nervous system
   C79.40 Spinal cord
   C79.41 Nerve roots and cauda equina
   C79.42 Brachial plexus
   C79.43 Lumbosacral plexus
   C79.44 Cranial nerves [Garcin]
   C79.45 Peripheral nerves of upper limb
   C79.46 Peripheral nerves of lower limb
   C79.47 Other specified parts of nervous system

C79.5 Secondary malignant neoplasm of bone and bone marro

C80 Malignant neoplasm without specification of site
   Malignant cachexia

Malignant neoplasms of lymphoid, haematopoietic and related tissue
   (C81–C96)

Excludes: secondary and unspecified neoplasm of lymph nodes (C77.–)
Hodgkin’s disease

Includes: morphology codes M965–M966 with behaviour code /3

Follicular [nodular] non-Hodgkin’s lymphoma

Includes: with or without diffuse areas
morbidity code M969 with behaviour code /3

Diffuse non-Hodgkin’s lymphoma

Includes: morphology codes M9593, M9595, M967–M968 with
behaviour code /3

Peripheral and cutaneous T-cell lymphomas

Includes: morphology code M970 with behaviour code /3

Other and unspecified types of non-Hodgkin’s lymphoma

Includes: morphology codes M9590–M9592, M9594, M971 with
behaviour code /3

Lymphosarcoma

Malignant immunoproliferative diseases

Includes: morphology code M976 with behaviour code /3

Waldenström’s macroglobulinaemia

Alpha heavy chain disease

Gamma heavy chain disease

Franklin’s disease

Multiple myeloma and malignant plasma cell neoplasms

Includes: morphology codes M973, M9830 with behaviour code
/3

Multiple myeloma

Kahler’s disease

Myelomatosis

Excludes: solitary myeloma (C90.2)

Plasma cell leukaemia

Plasmacytoma, extramedullary

Malignant plasma cell tumour NOS

Plasmacytoma NOS

Solitary myeloma
NEOPLASMS

C91.— Lymphoid leukaemia
Includes: morphology codes M982, M9940–M9941 with behaviour code /3

C92.— Myeloid leukaemia
Includes: morphology codes M986–M988, M9930 with behaviour code /3

C93.— Monocytic leukaemia
Includes: morphology code M989 with behaviour code /3

C94.— Other leukaemias of specified cell type
Includes: morphology codes M984, M9850, M9900, M9910, M9931–M9932 with behaviour code /3

C95.— Leukaemia of unspecified cell type
Includes: morphology code M980 with behaviour code /3

C96 Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue
Includes: morphology codes M972, M974 with behaviour code /3

C96.0 Letterer–Siwe disease
Nonlipid:
• reticuloendotheliosis
• reticulosis

C96.1 Malignant histiocytosis
Histiocytic medullary reticulosis

Malignant neoplasms of independent (primary) multiple sites
(C97)

C97 Malignant neoplasms of independent (primary) multiple sites

Benign neoplasms
(D10–D36)

D10.— Benign neoplasm of mouth and pharynx
**D11** Benign neoplasm of major salivary glands
- **D11.0** Parotid gland

**D13** Benign neoplasm of other and ill-defined parts of digestive system
- **D13.7** Endocrine pancreas
  - Islet cell tumour

**D14** Benign neoplasm of middle ear and respiratory system
- **D14.0** Middle ear, nasal cavity and accessory sinuses
- **D14.1** Larynx

**D15** Benign neoplasm of other and unspecified intrathoracic organs
- **D15.0** Thymus
- **D15.1** Heart
- **D15.2** Mediastinum

**D16** Benign neoplasm of bone and articular cartilage
- **D16.4** Bones of skull and face
  - *Excludes:* lower jaw bone (D16.5)
- **D16.5** Lower jaw bone
- **D16.6** Vertebral column
  - *Excludes:* sacrum and coccyx (D16.8)
- **D16.7** Ribs, sternum and clavicle
- **D16.8** Pelvic bones, sacrum and coccyx

**D17** Benign lipomatous neoplasm
- **D17.7** Benign lipomatous neoplasm of other sites
  - **D17.70** Lipoma of cauda equina
  - **D17.71** Lipoma of corpus callosum
  - **D17.78** Lipoma of other parts of nervous system

**D18.–** Haemangioma and lymphangioma, any site
D20.- Benign neoplasm of soft tissue of retroperitoneum and peritoneum

D21 Other benign neoplasms of connective and other soft tissue
*Excludes:* peripheral nerves and autonomic nervous system (D36.1)

D21.0 Connective and other soft tissue of head, face and neck

D21.1 Connective and other soft tissue of upper limb, including shoulder

D21.2 Connective and other soft tissue of lower limb, including hip

D21.3 Connective and other soft tissue of thorax
*Excludes:* heart (D15.1)
mediastinum (D15.2)
thymus (D15.0)

D21.4 Connective and other soft tissue of abdomen

D21.5 Connective and other soft tissue of pelvis

D21.6 Connective and other soft tissue of trunk, unspecified

D21.9 Connective and other soft tissue, unspecified

D31 Benign neoplasm of eye and adnexa
*Excludes:* optic nerve (D33.31)

D31.2 Retina

D31.6 Orbit, unspecified
Peripheral nerves of orbit

D32 Benign neoplasm of meninges

D32.0 Cerebral meninges
D32.00 Cerebral meninges, supratentorial
D32.01 Cerebral meninges, infratentorial
D32.02 Disseminated benign meningiomatosis

D32.1 Spinal meninges

D32.9 Meninges, unspecified
Meningioma NOS
**D33**

**Benign neoplasm of brain and other parts of central nervous system**

*Excludes:* angioma (D18.-)
meninges (D32.-)
peripheral nerves and autonomic nervous system (D36.1)
retro-ocular tissue (D31.6)

**D33.0** Brain, supratentorial

D33.00 Cerebral lobes
  D33.000 Frontal lobe
  D33.001 Temporal lobe
  D33.002 Parietal lobe
  D33.003 Occipital lobe

D33.01 Supratentorial ventricle
  D33.010 Lateral ventricle
  D33.011 Third ventricle

D33.02 Basal ganglia and thalamus
D33.03 Hypothalamus
D33.04 Corpus callosum
D33.08 Multiple or overlapping lesion of brain, supratentorial

**D33.1** Brain, infratentorial

D33.10 Brain stem
  D33.100 Midbrain
  D33.101 Pons
  D33.102 Medulla
  D33.103 Fourth ventricle
  D33.108 Multiple or overlapping lesion of brain stem

D33.11 Cerebellum
D33.18 Multiple or overlapping lesion of brain, infratentorial

**D33.2** Brain, unspecified

**D33.3** Cranial nerves

D33.30 Olfactory bulb [1st cranial nerve]
D33.31 Optic nerve [2nd cranial nerve] and optic chiasm
D33.32 Oculomotor, trochlear and abducent nerves
  D33.320 Oculomotor nerve [3rd cranial nerve]
  D33.321 Trochlear nerve [4th cranial nerve]
  D33.322 Abducent nerve [6th cranial nerve]

D33.33 Trigeminal nerve [5th cranial nerve]
D33.34 Facial nerve [7th cranial nerve]
D33.35 Acoustic nerve [8th cranial nerve]
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<td>D33.46 Sacral spinal cord</td>
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<td>D33.48 Multiple or overlapping lesion of spinal cord</td>
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<td><strong>D33.7 Other specified parts of central nervous system</strong></td>
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<td>Cauda equina</td>
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<tr>
<td></td>
<td><strong>D33.9 Central nervous system, unspecified</strong></td>
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<tr>
<td></td>
<td><strong>D34 Benign neoplasm of thyroid gland</strong></td>
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<td><strong>D35 Benign neoplasm of other and unspecified endocrine glands</strong></td>
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<td><em>Excludes:</em> thymus (D15.0)</td>
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<td>D35.20 Growth-hormone-secreting</td>
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<td>D35.21 Prolactin-secreting</td>
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<td>D35.24 Luteinizing hormone/follicle-stimulating hormone-secreting</td>
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<td>D35.25 α-Subunit-secreting</td>
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<td>D35.26 Plurihormonal-secreting</td>
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<td>D35.27 Non-secreting adenoma</td>
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<td>D35.28 Other hormone-secreting benign neoplasms</td>
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<td>D35.29 Hormone-secreting benign neoplasm, unspecified</td>
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</table>
D35.3  Craniopharyngeal duct
D35.4  Pineal gland
D35.5  Carotid body
D35.6  Aortic body and other paraganglia
   D35.60  Glomus jugulare
   D35.61  Glomus tympanicum
   D35.67  Other paraganglia
D35.7  Other specified endocrine glands
D35.8  Pluriglandular involvement
D35.9  Endocrine gland, unspecified

**D36**

Benign neoplasm of other and unspecified sites

D36.0  Lymph nodes
D36.1  Peripheral nerves and autonomic nervous system
   D36.10  Head, face and neck
      D36.100  Cervical nerve roots
      D36.101  Cervical nerves
      D36.102  Cervical sympathetic chain and plexus
      D36.107  Other parts of peripheral and autonomic nervous system of head, face and neck
   D36.11  Upper limb, including shoulder
      D36.110  Brachial plexus
      D36.111  Radial nerve and branches
      D36.112  Median nerve and branches
      D36.113  Ulnar nerve and branches
      D36.117  Other parts of peripheral and autonomic nervous system of upper limb
   D36.12  Lower limb, including hip
      D36.120  Sciatic nerve
      D36.121  Gluteal nerve
      D36.122  Peroneal nerve and branches
      D36.123  Tibial nerve and branches
      D36.127  Other parts of peripheral and autonomic nervous system of lower limb
   D36.13  Thorax
      D36.130  Thoracic nerve root
      D36.131  Thoracic nerves
      D36.132  Thoracic sympathetic chain and plexus
D36.137 Other parts of peripheral and autonomic nervous system of thorax

D36.14 Abdomen
D36.140 Lumbar nerve root
D36.141 Lumbar nerve
D36.142 Lumbar plexus
D36.147 Other parts of peripheral and autonomic nervous system of abdomen

D36.15 Pelvis
D36.150 Sacral nerve root
D36.151 Sacral nerve
D36.152 Pudendal nerve
D36.153 Obturator nerve
D36.157 Other parts of peripheral and autonomic nervous system of pelvis

D36.16 Trunk, unspecified
D36.18 Overlapping lesion of peripheral nerves and autonomic nervous system

D36.7 Other specified sites
Nose NOS

Neoplasms of uncertain or unknown behaviour (D37–D48)

Note: Categories D37–D48 classify by site neoplasms of uncertain or unknown behaviour, i.e. there is doubt whether the neoplasm is malignant or benign. Such neoplasms are assigned behaviour code /1 in the classification of the morphology of neoplasms.

D37 Neoplasm of uncertain or unknown behaviour of oral cavity and digestive organs

D37.0 Lip, oral cavity and pharynx
Major and minor salivary glands

D38 Neoplasm of uncertain or unknown behaviour of middle ear and respiratory and intrathoracic organs

D38.0 Larynx
D38.4 Thymus
Neoplasm of uncertain or unknown behaviour of meninges

Cerebral meninges
- Cerebral meninges, supratentorial (D42.00)
- Cerebral meninges, infratentorial (D42.01)
- Disseminated neoplasm of meninges (D42.02)

Spinal meninges

Meninges, unspecified

Neoplasm of uncertain or unknown behaviour of brain and central nervous system

Excludes: peripheral nerves and autonomic nervous system (D48.2)

Brain, supratentorial
- Cerebral lobes
  - Frontal lobe (D43.000)
  - Temporal lobe (D43.001)
  - Parietal lobe (D43.002)
  - Occipital lobe (D43.003)
- Supratentorial ventricle
  - Lateral ventricle (D43.010)
  - Third ventricle (D43.011)
- Basal ganglia and thalamus (D43.02)
- Hypothalamus (D43.03)
- Corpus callosum (D43.04)
- Multiple or overlapping lesion of brain, supratentorial (D43.08)

Brain, infratentorial
- Brain stem
  - Midbrain (D43.100)
  - Pons (D43.101)
  - Medulla (D43.102)
  - Fourth ventricle (D43.103)
  - Multiple or overlapping lesion of brain stem (D43.108)
- Cerebellum (D43.11)
- Multiple or overlapping lesion of brain, infratentorial (D43.18)

Brain, unspecified
### NEOPLASMS

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<td>Optic nerve [2nd cranial nerve] and optic chiasm</td>
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### D44

#### Neoplasm of uncertain or unknown behaviour of endocrine glands

*Excludes:* thymus (D38.4)

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<td>Craniopharyngeal duct</td>
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<td>Carotid body</td>
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<td>D44.71</td>
<td>Glomus tympanicum</td>
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<td>Morphology code M9950 with behaviour code /1</td>
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<td>D47</td>
<td><strong>Other neoplasms of uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue</strong></td>
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<tr>
<td>D47.2</td>
<td><strong>Monoclonal gammopathy</strong></td>
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<td>D47.20 IgM monoclonal gammopathy with anti-myelin-associated glycoprotein activity</td>
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<td>D47.200 With kappa light chain</td>
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<td>D47.201 With lambda light chain</td>
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<td>D47.21 IgM monoclonal gammopathy without anti-myelin-associated glycoprotein activity</td>
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<tr>
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<td>D47.210 With kappa light chain</td>
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<td>D47.211 With lambda light chain</td>
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D48.5  Skin
D48.6  Breast
D48.7  Other specified sites
       Eye
       Peripheral nerves of orbit
D48.9  Neoplasm of unknown or uncertain behaviour, unspecified
CHAPTER III

Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)

Nutritional anaemias (D50–D53)

D50.– Iron deficiency anaemia

D51. Vitamin B₁₂ deficiency anaemia

Excludes: vitamin B₁₂ deficiency (E53.8)

D51.0 Vitamin B₁₂ deficiency anaemia due to intrinsic factor deficiency

D51.1 Vitamin B₁₂ deficiency anaemia due to selective vitamin B₁₂ malabsorption with proteinuria

D51.2 Transcobalamin II deficiency

D51.3 Other dietary vitamin B₁₂ deficiency anaemia

D51.8 Other vitamin B₁₂ deficiency anaemias

D51.9 Vitamin B₁₂ deficiency anaemia, unspecified

D52. Folate deficiency anaemia

D52.0 Dietary folate deficiency anaemia

D52.1 Drug-induced folate deficiency anaemia

D52.8 Other folate deficiency anaemias

D52.9 Folate deficiency anaemia, unspecified

D53.– Other nutritional anaemias

Includes: megaloblastic anaemia unresponsive to vitamin B₁₂ or folate therapy
Haemolytic anaemias
(D55–D59)

D55.– Anaemia due to enzyme disorders

D56.– Thalassaemia

D57 Sickle-cell disorders
Excludes: other haemoglobinopathies (D58.–)
sickle-cell beta thalassaemia (D56.–)

D57.0 Sickle-cell anaemia with crisis
Hb-SS disease with crisis

D58.– Other hereditary haemolytic anaemias

Coagulation defects, purpura and other haemorrhagic conditions
(D65–D69)

D65 Disseminated intravascular coagulation
[defibrination syndrome]
A fibrinogenemia, acquired
Consumption coagulopathy
Diffuse or disseminated intravascular coagulation [DIC]
Fibrinolytic haemorrhage, acquired
Purpura:
• fibrinolytic
• fulminans

D66 Hereditary factor VIII deficiency
Deficiency factor VIII (with functional defect)
Haemophilia A

D67 Hereditary factor IX deficiency
Christmas disease
Deficiency:
• factor IX (with functional defect)
• plasma thromboplastin component [PTC]
Haemophilia B
Other coagulation defects

D68.0 Von Willebrand's disease
Angiohaemophilia
Factor VIII deficiency with vascular defect
Vascular haemophilia
Excludes: capillary fragility (hereditary) (D69.8)
factor VIII deficiency:
• NOS (D66)
• with functional defect (D66)

D68.1 Hereditary factor XI deficiency
Haemophilia C
Plasma thromboplastin antecedent [PTA] deficiency

D68.2 Hereditary deficiency of other clotting factors
Congenital afibrinogaenaemia
Deficiency:
• AC globulin
• proaccelerin
Deficiency of factor:
• I (fibrinogen)
• II (prothrombin)
• V (labile)
• VII (stable)
• X (Stuart-Prower)
• XII [Hageman]
• XIII [fibrin-stabilizing]
Dysfibrinogenaemia (congenital)
Hypoproconvertinaemia
Owren's disease

D68.3 Haemorrhagic disorder due to circulating anticoagulants
Hyperheparinaemia
Increase in:
• antithrombin
• anti-VIIIa
• anti-IXa
• anti-Xa
• anti-XIa
Use additional external cause code (Chapter XX), if desired, to identify any administered anticoagulant.

D68.4 Acquired coagulation factor deficiency
Deficiency of coagulation factor due to:
• liver disease
• vitamin K deficiency

Excludes: vitamin K deficiency of newborn (P53)

D68.8 Other specified coagulation defects

D68.80 Presence of systemic lupus erythematosus [SLE] inhibitor
Lupus anticoagulant
D68.81 Circulating anticoagulants without SLE
D68.82 Protein C deficiency
D68.83 Protein S deficiency

D68.9 Coagulation defect, unspecified

D69 Purpura and other haemorrhagic conditions

Excludes: benign hypergammaglobulinaemic purpura (D89.0)
cryoglobulinaemic purpura (D89.1)
essential (haemorrhagic) thrombocythaemia (D47.3)
purpura fulminans (D65)
thrombotic thrombocytopenic purpura (M31.1)

D69.0 Allergic purpura
Henoch–Schönlein purpura
Vasculitis, allergic

D69.1 Qualitative platelet defects

D69.2 Other nonthrombocytopenic purpura

D69.3 Idiopathic thrombocytopenic purpura
Evans’ syndrome

D69.4 Other primary thrombocytopenia

D69.5 Secondary thrombocytopenia
Use additional external cause code (Chapter XX), if desired, to identify cause.

D69.6 Thrombocytopenia, unspecified

D69.8 Other specified haemorrhagic conditions
Capillary fragility (hereditary)

D69.9 Haemorrhagic condition, unspecified

Other diseases of blood and blood-forming organs (D70–D77)

D70 Agranulocytosis
D73 Diseases of spleen

D73.1 Hypersplenism

*Excludes:* splenomegaly:
- NOS (R16.1)
- congenital (Q89.0)

D74 Methaemoglobinaemia

D74.0 Congenital methaemoglobinaemia
Congenital NADH-methaemoglobin reductase deficiency
Haemoglobin-M [Hb-M] disease
Methaemoglobinaemia, hereditary

D74.8 Other methaemoglobinaemias
Acquired methaemoglobinaemia (with sulfhaemoglobinaemia)
Toxic methaemoglobinaemia

*Use additional external cause code (Chapter XX), if desired, to identify cause.*

D74.9 Methaemoglobinaemia, unspecified

D75 Other diseases of blood and blood-forming organs

D75.0 Familial erythrocytosis
Polycythaemia:
- benign
- familial

D75.1 Secondary polycythaemia

*Excludes:* polycythaemia vera (D45)

D75.2 Essential thrombocytosis

*Excludes:* essential (haemorrhagic) thrombocythaemia (D47.3)

D76 Certain diseases involving lymphoreticular tissue and reticulohistiocytic system

*Excludes:* Letterer–Siwe disease (C96.0)
malignant histiocytosis (C96.1)
reticuloendotheliosis or reticulosis:
- histiocytic medullary (C96.1)
- leukaemic (C91.–)
- nonlipid (C96.0)

D76.0 Langerhans’ cell histiocytosis, not elsewhere classified
Eosinophilic granuloma
Hand–Schüller–Christian disease
Histiocytosis X (chronic)
DISEASES OF THE BLOOD

D76.1  **Haemophagocytic lymphohistiocytosis**
Familial haemophagocytic reticulosis
Histiocytoses of mononuclear phagocytes other than Langerhans’ cells NOS

D76.3  **Other histiocytosis syndromes**
Reticulohistiocytoma (giant-cell)
Sinus histiocytosis with massive lymphadenopathy
Xanthogranuloma

Certain disorders involving the immune mechanism (D80–D89)

*Includes:* defects in the complement system
Immunodeficiency disorders, except human immunodeficiency virus [HIV] disease
Sarcoidosis

*Excludes:* human immunodeficiency virus [HIV] disease (B20–B24)

**D86**  Sarcoidosis

D86.8  Sarcoidosis of other and combined sites
D86.80†  Multiple cranial nerve palsies in sarcoidosis (G53.2*)
D86.81  Peripheral nerve disease in sarcoidosis
D86.82  Spinal cord disease in sarcoidosis
D86.83  Meningoencephalitis in sarcoidosis
D86.84  Hydrocephalus in sarcoidosis
D86.88  Other nervous system involvement in sarcoidosis
D86.89  Sarcoidosis of the nervous system, unspecified

**D89**  Other disorders involving the immune mechanism, not elsewhere classified

D89.0  Polyclonal hypergammaglobulinaemia
Benign hypergammaglobulinaemic purpura
Polyclonal gammopathy NOS

D89.1  Cryoglobulinaemia

D89.10  Cryoglobulinaemic vasculitis

D89.2  **Hypergammaglobulinaemia, unspecified**

*Excludes:* monoclonal gammopathies (D47.20–D47.27)
D89.8  *Other specified disorders involving the immune mechanism, not elsewhere classified*

D89.9  *Disorder involving the immune mechanism, unspecified*

Immune disease NOS
Endocrine, nutritional and metabolic diseases (E00–E90)

Note: All neoplasms, whether functionally active or not, are classified in Chapter II. Appropriate codes in this chapter (i.e. E05.8, E16–E31, E34.–) may be used, if desired, as additional codes to indicate either functional activity by neoplasms and ectopic endocrine tissue or hyperfunction and hypofunction of endocrine glands associated with neoplasms and other conditions classified elsewhere.

Disorders of thyroid gland (E00–E07)

E00 Congenital iodine-deficiency syndrome
Includes: endemic conditions associated with environmental iodine-deficiency either directly or as a consequence of maternal iodine deficiency. Some of the conditions have no current hypothyroidism but are the consequence of inadequate thyroid hormone secretion in the developing fetus. Environmental goitrogens may be associated.

Use additional code (F70–F79), if desired, to identify associated mental retardation.

Excludes: subclinical iodine-deficiency hypothyroidism (E02)

E00.0 Congenital iodine-deficiency syndrome, neurological type
Endemic cretinism, neurological type

E00.1 Congenital iodine-deficiency syndrome, myxoedematous type
Endemic cretinism:
• hypothyroid
• myxoedematous type

E00.2 Congenital iodine-deficiency syndrome, mixed type
Endemic cretinism, mixed type
E00.9 **Congenital iodine-deficiency syndrome, unspecified**
Congenital iodine-deficiency hypothyroidism NOS
Endemic cretinism NOS

**E01** Iodine-deficiency-related thyroid disorders and allied conditions

*Excludes:* congenital iodine-deficiency syndrome (E00.–)
subclinical iodine-deficiency hypothyroidism (E02)

**E01.0** Iodine-deficiency-related diffuse (endemic) goitre

**E01.1** Iodine-deficiency-related multinodular (endemic) goitre

**E01.2** Iodine-deficiency-related (endemic) goitre, unspecified
Endemic goitre NOS

**E01.8** Other iodine-deficiency-related thyroid disorders and allied conditions
Acquired iodine-deficiency hypothyroidism NOS

**E02** Subclinical iodine-deficiency hypothyroidism

**E03** Other hypothyroidism

*Excludes:* iodine-deficiency related hypothyroidism (E00–E02)
myxoedema psychosis (F06.8)
postprocedural hypothyroidism (E89.0)

**E03.0** Congenital hypothyroidism with diffuse goitre
Goitre (nontoxic) congenital:
- NOS
- parenchymatous

**E03.1** Congenital hypothyroidism without goitre
Aplasia of thyroid (with myxoedema)
Congenital:
- atrophy of thyroid
- hypothyroidism NOS

**E03.2** Hypothyroidism due to medicaments and other exogenous substances
Use additional external cause code (Chapter XX), if desired, to identify cause.

**E03.3** Postinfectious hypothyroidism

**E03.4** Atrophy of thyroid (acquired)

*Excludes:* congenital atrophy of thyroid (E03.1)

**E03.5** Myxoedema coma
E03.8 Other specified hypothyroidism
E03.9 Hypothyroidism, unspecified
Myxoedema NOS

E04. Other nontoxic goitre
*Excludes:* congenital goitre:
- NOS
- diffuse
- parenchymatous
  iodine-deficiency-related goitre (E00–E02)

E05 Thyrotoxicosis [hyperthyroidism]
*Excludes:* chronic thyroiditis with transient thyrotoxicosis (E06.2)
neonatal thyrotoxicosis (P72.1)

E05.0 Thyrotoxicosis with diffuse goitre
Dysthyroid ophthalmoplegia† (G73.50*)
Exophthalmic or toxic goitre NOS
Graves’ disease
Toxic diffuse goitre
*Excludes:* euthyroid ophthalmic Graves’ disease (H05.22)

E05.1 Thyrotoxicosis with toxic single thyroid nodule
E05.2 Thyrotoxicosis with toxic multinodular goitre
E05.3 Thyrotoxicosis from ectopic thyroid tissue
E05.4 Thyrotoxicosis factitia
E05.5 Thyroid crisis or storm
E05.8 Other thyrotoxicosis
Overproduction of thyroid-stimulating hormone
Use additional external cause code (Chapter XX), if desired, to identify cause.

E05.80 Thyrotoxicosis due to hypersecretion of thyroid-releasing hormone

E05.9 Thyrotoxicosis, unspecified
Hyperthyroidism NOS
Thyrotoxic heart disease† (I43.–*)

E06 Thyroiditis

E06.2 Chronic thyroiditis with transient thyrotoxicosis
*Excludes:* autoimmune thyroiditis (E06.3)
E06.3 Autoimmune thyroiditis
Hashimoto's thyroiditis
Hashitoxicosis (transient)
Lymphadenoid goitre
Lymphocytic thyroiditis
Struma lymphomatosa

E06.4 Drug-induced thyroiditis
Use additional external cause code (Chapter XX), if desired, to identify drug.

Diabetes mellitus
(E10–E14)

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

The following fourth-character subdivisions are for use with categories E10–E14:

.0 With coma
  .00 ketoacidosis
  .01 hyperosmolar nonketotic
  .02 hypoglycaemic

.1 With ketoacidosis
  Excludes: with coma (.00)

.2 With renal complications

.3† With ophthalmic complications
  Diabetic:
  • cataract (H28.0*)
  • retinopathy (H36.0*)

.4† With neurological complications
  Diabetic:
  • amyotrophy (G73.0*)
  • autonomic neuropathy (G59.0*)
  • mononeuropathy (G59.0*)
  • polyneuropathy (G63.2*)
  • autonomic (G99.0*)

.5 With peripheral circulatory complications
.6† With other specified complications
   Diabetic arthropathy (M14.2*)
   • neuropathic (M14.6*)

.7 With multiple complications

.8 With unspecified complications

.9 Without complications

**E10 Insulin-dependent diabetes mellitus**

*Includes:* diabetes (mellitus):
   • brittle
   • juvenile-onset
   • ketosis-prone
   • type I

**E11 Non-insulin-dependent diabetes mellitus**

*Includes:* diabetes (mellitus)(non-obese)(obese):
   • adult-onset
   • maturity-onset
   • nonketotic
   • stable
   • type II
   non-insulin-dependent diabetes of the young

**E12 Malnutrition-related diabetes mellitus**

**E13 Other specified diabetes mellitus**

**E14 Unspecified diabetes mellitus**

Other disorders of glucose regulation and pancreatic internal secretion
(E15–E16)

**E15 Nondiabetic hypoglycaemic coma**

Drug-induced insulin coma in nondiabetic
Hyperinsulinism with hypoglycaemic coma
Hypoglycaemic coma NOS

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.
E16.0 Drug-induced hypoglycaemia without coma
Use additional external cause code (Chapter XX), if desired, to identify drug.

E16.1 Other hypoglycaemia
Includes: functional nonhyperinsulinaemic hypoglycaemia
hyperinsulinism:
• NOS
• functional
hyperplasia of pancreatic islet beta cells NOS

E16.10 Posthypoglycaemic coma encephalopathy

E16.2 Hypoglycaemia, unspecified

E16.3 Increased secretion of glucagon
Hyperplasia of pancreatic endocrine cells with glucagon excess

E16.8 Other specified disorders of pancreatic internal secretion
Increased secretion from endocrine pancreas of growth hormone-releasing hormone
Zollinger-Ellison syndrome

E16.9 Disorder of pancreatic internal secretion, unspecified
Islet-cell hyperplasia NOS

Disorders of other endocrine glands
(E20–E35)

Excludes: galactorrhoea (N64.3)

E20 Hypoparathyroidism
Excludes: postprocedural hypoparathyroidism (E89.2)
tetany NOS (R29.0)

E20.0 Idiopathic hypoparathyroidism

E20.1 Pseudohypoparathyroidism

E20.8 Other hypoparathyroidism

E20.9 Hypoparathyroidism, unspecified
Parathyroid tetany
E21 Hyperparathyroidism and other disorders of parathyroid gland

Excludes: adult osteomalacia (M83.-)

E21.0 Primary hyperparathyroidism
Hyperplasia of parathyroid
Osteitis fibrosa cystica generalisata [von Recklinghausen’s disease of bone]

E21.1 Secondary hyperparathyroidism, not elsewhere classified
Excludes: secondary hyperparathyroidism of renal origin (N25.8)

E21.2 Other hyperparathyroidism

E21.3 Hyperparathyroidism, unspecified

E21.4 Other specified disorders of parathyroid gland

E21.5 Disorder of parathyroid gland, unspecified

E22 Hyperfunction of pituitary gland

Excludes: Cushing’s syndrome (E24.-)
Nelson’s syndrome (E24.1)
overproduction of:
• adrenocorticotropic hormone [ACTH] not associated with Cushing’s disease (E27.0)
• pituitary adrenocorticotropic hormone [ACTH] (E24.0)
• thyroid-stimulating hormone (E05.8)

E22.0 Acromegaly and pituitary gigantism

E22.00 Pituitary growth hormone cell hyperplasia
E22.01 Hypersecretion of growth hormone due to excessive production of growth hormone-releasing hormone
E22.02 Hypersecretion of growth hormone associated with ectopic growth hormone-releasing hormone [GHRH] production
E22.08 Other specified causes of hypersecretion of growth hormone

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

E22.10 With acromegaly
E22.11 With Cushing’s syndrome
E22.12 With empty sella syndrome
E22.13 With pituitary stalk section
E22.14 With lymphocytic hypophysitis
E22.18 Hyperprolactinaemia due to other causes

**E22.2 Syndrome of inappropriate secretion of antidiuretic hormone**

*Includes:* syndrome of inappropriate vasopressin secretion

- E22.20 Hypothalamic hypersecretion of antidiuretic hormone
- E22.21 Associated with central nervous system disease outside the hypothalamus
- E22.22 Associated with pulmonary infections
- E22.23 Ectopic production by tumour
  Use additional code, if desired, to identify tumour.
- E22.24 Drug-induced
  Use additional external cause code (Chapter XX), if desired, to identify drug.
- E22.28 Other syndromes of inappropriate secretion of antidiuretic hormone

**E22.8 Other hyperfunction of pituitary gland**

- E22.80 Hypersecretion of growth hormone unassociated with acromegaly or gigantism
  Use additional code, if desired, to identify underlying condition.
- E22.81 Hypersecretion of luteinizing hormone [LH] and follicle-stimulating hormone [FSH]
  *Excludes:* gonadotropic cell pituitary adenoma (D35.24)
  - E22.810 Hypersecretion of luteinizing hormone/follicle-stimulating hormone associated with excessive gonadotropin-releasing hormone stimulation of hypothalamic origin
  - E22.811 Hypersecretion of luteinizing hormone/follicle-stimulating hormone associated with excessive gonadotropin-releasing hormone stimulation of ectopic origin
- E22.82 Central precocious puberty

**E22.9 Hyperfunction of pituitary gland, unspecified**

**E23 Hypofunction and other disorders of pituitary gland**

*Includes:* the listed conditions whether the disorder is in the pituitary or the hypothalamus

*Excludes:* postprocedural hypopituitarism (E89.3)
E23.0 **Hypopituitarism**

*Includes:* pituitary insufficiency NOS

Use additional code, if desired, to identify the underlying cause.

- **E23.00** Panhypopituitarism
  - Multiple pituitary hormone deficiency [Simmonds]
- **E23.01** Postpartum pituitary necrosis [Sheehan]
- **E23.02** Growth hormone deficiency, not due to pituitary tumour
  - *Excludes:* psychosocial short stature (E34.3)
- **E23.020** Isolated deficiency of growth hormone
- **E23.021** Lorain–Levi dwarfism (short stature)
- **E23.022** Pituitary dwarfism (short stature)
- **E23.023** Due to growth hormone-releasing hormone deficiency
- **E23.03** Isolated prolactin deficiency
- **E23.04** Isolated thyrotropin deficiency
  - **E23.040** Due to thyrotropin-releasing hormone [TRH] deficiency
  - **E23.041** Due to hyperthyroidism
- **E23.05** Isolated follicle-stimulating hormone [FSH] and luteinizing hormone [LH] deficiency
  - **E23.050** Due to gonadotropin-releasing hormone deficiency
  - Use additional code, if desired, to identify tumour.
- **E23.06** Isolated adrenocorticotropic hormone [ACTH] deficiency
- **E23.07** Multiple anterior pituitary hormone deficiencies

**E23.1 Drug-induced hypopituitarism**

Use additional external cause code (Chapter XX), if desired, to identify drug.

- **E23.10** Drug-induced adrenocorticotropic hormone [ACTH] deficiency

**E23.2 Diabetes insipidus**

Vasopressin deficiency

*Excludes:* nephrogenic diabetes insipidus (N25.1)

**E23.3 Hypothalamic dysfunction, not elsewhere classified**

*Excludes:* Prader–Willi syndrome (Q87.15)
  - Russell–Silver syndrome (Q87.17)
- **E23.30** Diencephalic syndrome
- **E23.31** Oxytocin deficiency
E23.6 Other disorders of pituitary gland
E23.60 Abscess of pituitary
E23.61 Adiposogenital dystrophy
E23.62 Cyst of Rathke’s pouch
E23.63 Pituitary apoplexy

E23.7 Disorder of pituitary gland, unspecified

E24 Cushing’s syndrome
E24.0 Pituitary-dependent Cushing’s disease
E24.00 Overproduction of corticotropin-releasing hormone
E24.01 Overproduction of adrenocorticotropic hormone [ACTH] with pituitary hyperplasia

E24.1 Nelson’s syndrome

E24.2 Drug-induced Cushing’s syndrome
Use additional external cause code (Chapter XX), if desired, to identify drug.

E24.3 Ectopic ACTH syndrome

E24.4 Alcohol-induced pseudo-Cushing’s syndrome

E24.8 Other Cushing’s syndrome

E24.9 Cushing’s syndrome, unspecified

E25 Adrenogenital disorders
Includes: adrenogenital syndromes, virilizing or feminizing, whether acquired or due to adrenal hyperplasia consequent on inborn enzyme defects in hormone synthesis

E25.0 Congenital adrenogenital disorders associated with enzyme deficiency

E25.8 Other adrenogenital disorders
Idiopathic adrenogenital disorders
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

E25.9 Adrenogenital disorder, unspecified

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

E26.1 Secondary hyperaldosteronism

E26.8 Other hyperaldosteronism
  Bartter's syndrome

E26.9 Hyperaldosteronism, unspecified

E27 Other disorders of adrenal gland

E27.0 Other adrenocortical overactivity
  Overproduction of adrenocorticotropic hormone [ACTH], not associated with Cushing's disease
  Premature adrenarche
  *Excludes:* Cushing's syndrome (E24.-)

E27.1 Primary adrenocortical insufficiency
  Addison's disease
  Autoimmune adrenalitis
  *Excludes:* amyloidosis (E85.-)
    Waterhouse-Friderichsen syndrome (A39.1)

E27.2 Addisonian crisis
  Adrenal or adrenocortical crisis

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

E27.4 Other and unspecified primary adrenocortical insufficiency
  *Includes:* hypoaldosteronism
  *Excludes:* adrenoleukodystrophy [Addison–Schilder] (E71.33)
    Waterhouse–Friderichsen syndrome (A39.1)

E27.40 Adrenal haemorrhage
E27.41 Adrenal infarction

E27.5 Adrenomedullary hyperfunction
  Catecholamine hypersecretion

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

E27.9 Disorder of adrenal gland, unspecified

E28.- Ovarian dysfunction
  *Excludes:* isolated gonadotropin deficiency (E23.04)
E29. Testicular dysfunction

Excludes: androgen resistance syndrome (E34.5)
isolated gonadotropin deficiency (E23.04)
Klinefelter's syndrome (Q98.0–Q98.2, Q98.4)
testicular feminization (syndrome) (E34.5)

E30 Disorders of puberty, not elsewhere classified

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

E30.1 Precocious puberty

Excludes: Albright(-McCune)(-Sternberg) syndrome (Q78.1)

E30.8 Other disorders of puberty
Premature thelarche

E30.9 Disorder of puberty, unspecified

E31 Polyglandular dysfunction

Excludes: ataxia telangiectasia [Louis-Bar] (G11.30)
dystrophia myotonica [Steinert] (G71.12)
pseudohypoparathyroidism (E20.1)

E31.0 Autoimmune polyglandular failure
Schmidt's syndrome

E32 Diseases of thymus

Excludes: myasthenia gravis (G70.0)

E32.0 Persistent hyperplasia of thymus
Hypertrophy of thymus

E32.1 Abscess of thymus

E32.8 Other diseases of thymus

E32.9 Diseases of thymus, unspecified

E34 Other endocrine disorders

Excludes: pseudohypoparathyroidism (E20.1)

E34.0 Carcinoid syndrome

Note: May be used as an additional code, if desired, to identify functional activity associated with a carcinoid tumour.

E34.1 Other hypersecretion of intestinal hormones

E34.2 Ectopic hormone secretion, not elsewhere classified
E34.3 Short stature, not elsewhere classified

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

Excludes: progeria (E34.8)
  Russell–Silver syndrome (Q87.17)
  short stature:
  • achondroplastic (Q77.4)
  • in specific dysmorphic syndromes — code to syndrome
  • pituitary (E23.012)

E34.5 Androgen resistance syndrome

Male pseudohermaphroditism with androgen resistance
Testicular feminization (syndrome)

E34.8 Other specified endocrine disorders

Pineal gland dysfunction
Progeria

E34.9 Endocrine disorder, unspecified

Disturbance:
• endocrine NOS
• hormone NOS

E35* Disorders of endocrine glands in diseases classified elsewhere

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

E35.1* Disorders of adrenal gland in diseases classified elsewhere
  Waterhouse–Friderichsen syndrome (meningococcal) (A39.1†)

Malnutrition
(E40–E46)

E40 Kwashiorkor
  Severe malnutrition with nutritional oedema with dyspigmentation of skin and hair.

E41 Nutritional marasmus
  Severe malnutrition with marasmus
Marasmic kwashiorkor
Severe protein–energy malnutrition:
• intermediate form
• with signs of both kwashiorkor and marasmus

Unspecified severe protein–energy malnutrition
Starvation oedema

Protein–energy malnutrition of moderate and mild degree

Retarded development following protein–energy malnutrition
Nutritional:
• short stature
• stunting
Physical retardation due to malnutrition

Unspecified protein–energy malnutrition
Malnutrition NOS

Other nutritional deficiencies
(E50–E64)

Excludes: nutritional anaemias (D50–D53)

Vitamin A deficiency
Excludes: sequelae of vitamin A deficiency (E64.1)

Vitamin A deficiency with night blindness

Thiamine deficiency
Excludes: sequelae of thiamine deficiency (E64.8)

Beriberi

Wernicke’s encephalopathy
Wernicke’s superior haemorrhagic polioencephalitis syndrome

Other manifestations of thiamine deficiency

Thiamine deficiency, unspecified

Niacin deficiency [pellagra]
Deficiency:
• niacin(-tryptophan)
- nicotinamide
  Pellagra (alcoholic)
  *Excludes:* sequelae of niacin deficiency (E64.8)

**E53**  
**Deficiency of other B group vitamins**

*Excludes:* sequelae of vitamin B deficiency (E64.8)
  vitamin B₁₂ deficiency anaemia (D51.–)

**E53.0**  
**Riboflavin deficiency**
  Ariboflavinosis

**E53.1**  
**Pyridoxine deficiency**
  Vitamin B₆ deficiency

**E53.8**  
**Deficiency of other specified B group vitamins**

- E53.80†  
  Vitamin B₁₂ [cyanocobalamin] deficiency
  Encephalopathy due to vitamin B₁₂ deficiency (G94.82*)
  Myelopathy due to vitamin B₁₂ deficiency (G99.2*)
  Polyneuropathy due to vitamin B₁₂ deficiency (G63.4*)

- E53.81  
  Folate (folic acid) deficiency

- E53.82  
  Biotin deficiency

- E53.83  
  Pantothenic acid deficiency

**E54**  
**Ascorbic acid deficiency**
  Deficiency of vitamin C
  Scurvy

**E55**  
**Vitamin D deficiency**

*Excludes:* osteomalacia (M83.–)
  osteoporosis (M80–M81)
  sequelae of rickets (E64.3)

**E55.0**  
**Rickets, active**
  Infantile osteomalacia
  Juvenile osteomalacia

**E56.–**  
**Other vitamin deficiencies**

*Excludes:* sequelae of other vitamin deficiencies (E64.8)

**E58**  
**Dietary calcium deficiency**

*Excludes:* disorders of calcium metabolism (E83.5)
  sequelae of calcium deficiency (E64.8)
Deficiency of other nutrient elements
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: disorders of mineral metabolism (E83.-)
iodine-deficiency-related thyroid disorders (E00-E02)
sequelae of malnutrition and other nutritional deficiencies (E64.-)

E61.0 Copper deficiency
E61.1 Iron deficiency

Excludes: iron deficiency anaemia (D50.-)

Sequelae of malnutrition and other nutritional deficiencies
[See Section II, note 1.5, coding of late effects]

E64.0 Sequelae of protein–energy malnutrition

Excludes: retarded development following protein–energy malnutrition (E45)

E64.1 Sequelae of vitamin A deficiency
E64.2 Sequelae of vitamin C deficiency
E64.3 Sequelae of rickets
E64.8 Sequelae of other nutritional deficiencies
E64.9 Sequelae of unspecified nutritional deficiency

Obesity and other hyperalimentation (E65–E68)

E66 Obesity
Excludes: adiposogenital dystrophy (E23.61)
Prader–Willi syndrome (Q87.15)

E66.2 Extreme obesity with alveolar hypoventilation
Pickwickian syndrome

E67 Other hyperalimentation
Excludes: hyperalimentation NOS (R63.2)

E67.0 Hypervitaminosis A
E67.1 Hypercarotenaemia
E67.2 Megavitamin-B₆ syndrome
Metabolic disorders
(E70–E90)

**E70** Disorders of aromatic amino-acid metabolism

**E70.0 Classical phenylketonuria**

E70.00 Severe phenylalanine 4-monooxygenase [phenylalanine hydroxylase] deficiency (classical phenylketonuria)

E70.01 Partial phenylalanine 4-monooxygenase [phenylalanine hydroxylase] deficiency (benign phenylketonuria variant)

E70.02 Dihydropteridine reductase deficiency

E70.03 Dihydrobiopterin synthetase deficiency

E70.04 Guanosine triphosphate cyclohydrolase I deficiency

E70.08 Other specified disorders of phenylalanine metabolism

**E70.1 Other hyperphenylalaninaemias**

E70.10 4-Hydroxyphenylpyruvate dioxygenase deficiency [hawkinsuria]

**E70.2 Disorders of tyrosine metabolism**

*Excludes:* transitory tyrosinaemia of newborn (P74.5)

E70.20 Fumarylacetoacetase deficiency (tyrosinaemia type I)

E70.21 Oculocutaneous tyrosinaemia (tyrosinaemia type II)

E70.22 Alkaptonuria (homogentisic acid defects)

E70.23 Alkaptonuric ochranosis (ochronosis)

**E70.3 Albinism**

E70.30 Oculocutaneous albinism

E70.31 Ocular albinism

E70.32 Tyrosinase deficiency [Chediak(--Steinbrinck)--Higashi]

E70.33 Cross' syndrome

E70.34 Hermansky–Pudlak syndrome

**E70.8 Other disorders of aromatic amino-acid metabolism**

E70.80 Disorders of histidine metabolism

E70.800 Histidine ammonia-lyase [histidase] [histidinase] deficiency

E70.801 Carnosinase deficiency

E70.802 Imidazole deficiency

E70.803 β-Alanine transaminase deficiency [β-alaninaemia]
E70.804 Glutamate formiminotransferase deficiency
E70.808 Other specified disorders of histidine metabolism
E70.81 Disorders of tryptophan metabolism
E70.810 Hartnup's disease
E70.811 Tryptophanemia
E70.812 Kynureninase deficiency [hydroxykynureninuria]
E70.818 Other specified disorders of tryptophan metabolism
E70.82 Wardenburg–Klein syndrome
E70.83 Indicanuria

E70.9 Disorder of aromatic amino-acid metabolism, unspecified

E71 Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism

E71.0 Maple-syrup-urine disease
E71.00 Severe branched-chain keto-acid dehydrogenase deficiency
Classic maple-syrup-urine disease
E71.01 Partial branched-chain keto-acid dehydrogenase deficiency
Intermediate and intermittent maple-syrup-urine disease
E71.02 Branched-chain keto-acid dihydrolipoyltransacetylase deficiency
E71.08 Other specified disorders of branched-chain dehydrogenase metabolism

E71.1 Other disorders of branched-chain amino-acid metabolism
E71.10 Hyperleucine-isoleucinaemia
E71.11 Isovaleric acidaemia
Isovaleryl-CoA dehydrogenase deficiency
E71.12 Methylmalonic acidaemia
Coenzyme A mutase deficiency
Methylmalonyl-CoA mutase deficiency
Partial \( \ell \)-methylmalonyl-CoA mutase deficiency
Disorders of cobalamin metabolism
E71.13 Propionic acidaemia
Propionyl-CoA carboxylase deficiency
E71.14 Valine dehydrogenase (NADP+) deficiency [valinaemia] [hypervalinaemia]
E71.15 Isoleucine and leucine transaminase deficiency [leucinosis]
E71.16  Leucine-induced hypoglycinaemia
E71.18  Other specified disorders of branched-chain amino-acid metabolism

E71.2  Disorder of branched-chain amino-acid metabolism, unspecified

E71.3  Disorders of fatty-acid metabolism
Excludes: coenzyme A mutase deficiency (E71.12)
methylmalonic acidaemia (E71.12)
Refsum’s disease (G60.1)
Schilder’s disease (G37.0)
Zellweger’s syndrome (Q87.82)

E71.30  Coenzyme A lyase deficiency
Excludes: hydroxymethylglutaryl-CoA lyase deficiency (E88.820)

E71.31  Disorders of carnitine metabolism
E71.310  Carnitine O-acetyltransferase deficiency
E71.311  Carnitine O-palmitoyltransferase deficiency
E71.312  Muscle carnitine deficiency
E71.313  Systemic carnitine deficiency
E71.314  Carnitine deficiency NOS

E71.32  Adrenoleukodystrophy
Includes: adrenomyeloleukodystrophy
adrenomyeloneuropathy
E71.320  Adult type [Addison–Schilder]
E71.321  Neonatal type

E71.38  Other specified disorders of fatty-acid metabolism

E72  Other disorders of amino-acid metabolism
Excludes: abnormal findings without manifest disease (R70–R89)
disorders of:
- aromatic amino-acid metabolism (E70.–)
- branched-chain amino-acid metabolism (E71.0–E71.2)
- fatty-acid metabolism (E71.3)
- purine and pyrimidine metabolism (E79.–)
gout (M10.–)

E72.0  Disorders of amino-acid transport
Excludes: disorders of tryptophan metabolism (E70.81)
E72.00  Lowe’s syndrome
E72.01  Lysinuric protein intolerance
E72.02 Cystinosis  
E72.03 Oasthouse disease  
E72.04 Fanconi(–de Toni)(–Debré) syndrome  
E72.05 Hartnup’s disease  
E72.06 Cystinuria  
E72.08 Other specified disorders of amino-acid transport  

E72.1 Disorders of sulfur-bearing amino-acid metabolism

Excludes: transcobalamin II deficiency (D51.2)

E72.10 Homocystinuria  
E72.100 Cystathionine β-synthase deficiency [type I (classical) homocystinuria]  
E72.101 Homocystinuria, type II  
E72.102 Homocystinuria, type III  
E72.108 Other specified homocystinuria  
E72.11 Sulfite oxidase deficiency  
E72.12 Cystathioninuria  
E72.13 Methioninaemia  
E72.18 Other specified disorders of sulfur-bearing amino-acid metabolism

E72.2 Disorders of urea cycle metabolism

Excludes: disorders of ornithine metabolism (E72.4)

E72.20 Argininosuccinate lyase deficiency [argininosuccinic aciduria]  
E72.21 Argininosuccinate synthetase deficiency [citrullinaemia]  
E72.22 Carbamoylphosphate synthetase I deficiency  
E72.23 Arginase deficiency  
E72.24 N-Acetyltransferase [N-acetylglutamate synthetase] deficiency  
E72.25 Argininaemia  
E72.26 Hyperammonaemia  
E72.28 Other specified disorders of urea cycle metabolism

E72.3 Disorders of lysine and hydroxylysine metabolism

E72.30 Glutaric aciduria, type I  
E72.31 Hydrolysinaemia  
E72.32 Hyperlysinaemia  
E72.38 Other specified disorders of lysine and hydroxylysine metabolism
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES

**E72.4 Disorders of ornithine metabolism**

- **E72.40** Ornithine carbamoyltransferase [ornithine transcarbamylase] deficiency
- **E72.41** Ornithine–ketoacid aminotransferase deficiency
- **E72.42** Hyperornithinaemia, type I
- **E72.43** Hyperornithinaemia, type II
- **E72.48** Other specified disorders of ornithine metabolism

**E72.5 Disorders of glycine metabolism**

- **E72.50** Hyperhydroxyprolinaemia
- **E72.51** Hyperprolinaemia, type I
- **E72.52** Hyperprolinaemia, type II
- **E72.53** Non-ketotic hyperglycinaemia, type I [glycine dehydrogenase (decarboxylating) deficiency]
- **E72.54** Sarcosinaemia
- **E72.55** Non-ketotic hyperglycinaemia, type II [aminomethyltransferase deficiency]
- **E72.58** Other specified disorders of glycine metabolism

**E72.8 Other specified disorders of amino-acid metabolism**

- **E72.80** Disorders of β-amino-acid metabolism
- **E72.81** Disorders of glutamic acid and γ-glutamyl cycle metabolism
  - **E72.810** Glutamate–cysteine ligase deficiency
  - **E72.811** 5-Oxoprolinase deficiency [pyroglutamate hydrolase deficiency]
  - **E72.812** Glutathione synthetase deficiency [pyroglutamic acidaemia]
  - **E72.813** γ-Glutamyltransferase deficiency
  - **E72.814** Glutamate decarboxylase deficiency
  - **E72.815** Succinate-semialdehyde dehydrogenase deficiency [γ-hydroxybutyric acidaemia]
  - **E72.818** Other specified disorders of glutamic acid and γ-glutamyl cycle metabolism

**E72.9 Disorder of amino-acid metabolism, unspecified**

**E73 Lactose intolerance**

- **E73.0** Congenital lactase deficiency
- **E73.1** Secondary lactase deficiency
- **E73.8** Other lactose intolerance
- **E73.9** Lactose intolerance, unspecified
Other disorders of carbohydrate metabolism

Excludes: diabetes mellitus (E10–E14)
hypoglycaemia NOS (E16.2)
increased secretion of glucagon (E16.3)
mucopolysaccharidosis (E76.0–E76.3)

E74.0 Glycogen storage disease

E74.00 Glucose-6-phosphatase deficiency [glycogen storage disease, type I] [von Gierke]
E74.01 Lysosomal α-glucosidase deficiency [glycogen storage disease, type II]
  E74.010 Infantile onset [Pompe]
  E74.011 Juvenile onset
  E74.012 Adult onset
E74.02 Amylo-1,6-glucosidase (debrancher) deficiency
  [glycogen storage disease, type III] [Cori] [Forbes]
E74.03 1,4-α- Glucan branching enzyme deficiency [glycogen storage disease, type IV] [Andersen]
E74.04 Glycogen storage disease, type V [McArdle]
  E74.040 Muscle phosphorylase deficiency
  E74.041 Muscle phosphorylase kinase deficiency
E74.05 Liver phosphorylase deficiency [glycogen storage disease, type IV] [Hers]
  Liver phosphorylase b deficiency
E74.06 6-Phosphofructokinase deficiency [glycogen storage disease, type VII] [Tauri]
E74.08 Other specified disorders of glycogen metabolism

E74.1 Disorders of fructose metabolism

E74.10 Fructokinase deficiency [essential fructosuria]
E74.11 Fructose-bisphosphate aldolase deficiency [hereditary fructose intolerance]
E74.12 Fructose-bisphosphatase deficiency
E74.18 Other specified disorders of fructose metabolism

E74.2 Disorders of galactose metabolism

E74.20 UTP-hexose-1-phosphate uridylyl transferase
deficiency [classical galactosaemia]
  E74.21 Galactokinase deficiency
E74.22 Uridine diphosphogalactose-4-epimerase deficiency
E74.28 Other specified disorders of galactose metabolism

E74.3 Other disorders of intestinal carbohydrate absorption

Glucose–galactose malabsorption
Sucrose-\(\alpha\)-glucosidase deficiency

*Excludes:* lactose intolerance (E73.-)

**E74.4 Disorders of pyruvate metabolism and gluconeogenesis**

E74.40 Disorders of pyruvate metabolism

E74.400 Pyruvate dehydrogenase deficiency

E74.401 (Pyruvate dehydrogenase (lipoamide))-phosphatase deficiency

E74.402 Dihydrolipoamide dehydrogenase deficiency

E74.408 Other specified disorders of pyruvate metabolism

E74.41 Disorders of gluconeogenesis

*Excludes:* fructose-bisphosphatase deficiency (E74.12)

- with anaemia (D55.-)

E74.410 Pyruvate carboxylase deficiency

E74.411 Phosphoenolpyruvate carboxykinase deficiency

E74.418 Other specified disorders of gluconeogenesis

**E74.8 Other specified disorders of carbohydrate metabolism**

E74.80 Essential pentosuria

E74.81 Hyperoxaluria, type II

Glycerate dehydrogenase deficiency

*Excludes:* hyperoxaluria, type I (E80.311)

E74.82 Renal glycosuria

E74.83 Mannose-6-phosphate isomerase deficiency

E74.84 Phosphoglycerate mutase deficiency

E74.85 Phosphoglycerate kinase deficiency

E74.86 Muscle lactate dehydrogenase deficiency

E74.88 Other specified disorders of glycolysis

**E74.9 Disorder of carbohydrate metabolism, unspecified**

**E75 Disorders of sphingolipid metabolism and other lipid storage disorders**

*Excludes:* mucolipidosis, types I–III (E77.0–E77.1)

Refsum's disease (G60.1)

**E75.0 GM\(_2\) gangliosidosis**

E75.00 Infantile \(\beta\)-hexosaminidase A deficiency [infantile GM\(_2\) gangliosidosis] [Tay–Sachs]

E75.01 Juvenile \(\beta\)-hexosaminidase A deficiency [juvenile GM\(_2\) gangliosidosis]

E75.02 Adult \(\beta\)-hexosaminidase A deficiency [adult GM\(_2\) gangliosidosis]
E75.03  Sandhoff's disease [β-hexosaminidase A and B deficiencies]
E75.08  Other GM₂ gangliosidosis

**E75.1 Other gangliosidosis**

E75.10  Acid β-gangliosidosis deficiency [GM₁ gangliosidosis]
  E75.100  Infantile GM₁ gangliosidosis
  E75.101  Juvenile GM₁ gangliosidosis
  E75.102  Adult GM₁ gangliosidosis
  E75.108  Other GM₁ gangliosidosis

E75.11  Gangliosidosis NOS
E75.12  GM₃ gangliosidosis
E75.13  Mucolipidosis, type IV

**E75.2 Other sphingolipidosis**

E75.20  Glucocerebrosidase deficiency [Gaucher]
  E75.200  Type I Gaucher's disease (adult)
  E75.201  Type II Gaucher's disease (infantile)
  E75.202  Type III Gaucher's disease (juvenile)

E75.21  Galactocerebroside β-galactosidase deficiency [Krabbe]
  E75.210  Type I Krabbe's disease (infantile)
  E75.211  Type II Krabbe's disease (late-onset)

E75.22  α-Galactosidase deficiency [Fabry(-Anderson)]

E75.23  Aryl-sulphatase A deficiency [metachromatic leukodystrophy]
  E75.230  Late infantile metachromatic leukodystrophy
  E75.231  Juvenile metachromatic leukodystrophy
  E75.232  Late-onset metachromatic leukodystrophy

E75.24  Multiple sulfatase deficiency
E75.25  Farber's syndrome
E75.26  Sphingomyelin phosphodiesterase deficiency [Niemann–Pick]
  E75.260  Type A Niemann–Pick disease (infantile)
  E75.261  Type B Niemann–Pick disease
  E75.262  Type C Niemann–Pick disease (late infantile)
  E75.263  Type D Niemann–Pick disease (Nova Scotia variant)

**E75.3 Sphingolipidosis, unspecified**

**E75.4 Neuronal ceroid lipofuscinosis**

*Includes:*  Batten's disease

E75.40  Infantile [Haltia–Santavouri type]
E75.41  Late infantile [Bielschowsky–Jansky type]
E75.42 Juvenile [Spielmeyer–Vogt type]
E75.43 Adult [Kufs’ type]
E75.48 Other specified neuronal ceroid lipofuscinosis

E75.5 Other lipid storage disorders
Excludes: Refsum’s disease (G60.1)

E75.50 Cerebrotendinous cholesterolosis [cerebrotendinous xanthomatosis] [van Bogaert–Scherer–Epstein]
E75.51 Cholesterol ester hydrolase deficiency [Wolman]
E75.52 Multiple system lipid storage with ichthyosis [Chanarin]
E75.53 Multiple system lipid storage without ichthyosis [Jordan]

E75.6 Lipid storage disorder, unspecified

E76 Disorders of glycosaminoglycan metabolism

E76.0 Mucopolysaccharidosis, type I
Includes: L-iduronidase deficiency

E76.00 Type I–H [Hurler]
E76.01 Type I–H/S [Hurler–Scheie]
E76.02 Type I–S [Scheie]

E76.1 Mucopolysaccharidosis, type II
Hunter’s syndrome

E76.2 Other mucopolysaccharidoses

E76.20 Mucopolysaccharidosis, type III [Sanfilippo]
E76.200 Heparan-N-sulfatase deficiency [mucopolysaccharidosis, type IIIA]
E76.201 α-N-Acetylglucosaminidase deficiency [mucopolysaccharidosis, type IIIB]
E76.202 Acetyl CoA-α-glucosaminide N-acetyltransferase deficiency [mucopolysaccharidosis, type IIIC]
E76.203 N-Acetyl-α-D-glucosaminide-6-sulfatase deficiency [mucopolysaccharidosis, type IID]

E76.21 Mucopolysaccharidosis, type IV [Morquio]
E76.210 Galactosamine-6-sulfate sulfatase deficiency [mucopolysaccharidosis, type IVA]
E76.211 β-Galactosidase deficiency [mucopolysaccharidosis, type IVB]

E76.22 N-Acetyl-galactosamine-4-sulfatase deficiency
E76.23 Mucopolysaccharidosis, type VI
E76.24 β-Glucuronidase deficiency [mucopolysaccharidosis, type VII] [Sly]
E76.28 Other specified mucopolysaccharidosis
E76.3  Mucopolysaccharidosis, unspecified
E76.8  Other disorders of glycosaminoglycan metabolism
E76.9  Disorder of glycosaminoglycan metabolism, unspecified

**E77**

**Disorders of glycoprotein metabolism**

E77.0  Defects in post-translational modification of lysosomal enzymes

E77.00  N-Acetylglucosaminephosphotransferase deficiency [mucolipidosis II] [I-cell disease]
E77.01  Mucolipidosis III [pseudo-Hurler polydystrophy]

E77.1  Defects in glycoprotein degradation

E77.10  α-Mannosidase deficiency [mannosidosis]
E77.100  α-α-Mannosidase deficiency, type I
E77.101  α-α-Mannosidase deficiency, type II
E77.11  α-L-Fucosidase deficiency [fucosidosis]
E77.110  α-L-Fucosidase deficiency, type I
E77.111  α-L-Fucosidase deficiency, type II
E77.12  Exo-α-sialidase deficiency [sialidosis] [mucolipidosis I]
E77.120  α-Neuraminidase deficiency, type I
E77.121  α-Neuraminidase deficiency, type II
E77.13  β-Aspartyl-N-acetylglucosaminidase deficiency [aspartylglucosaminuria]
E77.18  Other defects in glycoprotein degradation

E77.8  Other disorders of glycoprotein metabolism
E77.9  Disorder of glycoprotein metabolism, unspecified

**E78**

**Disorders of lipoprotein metabolism and other lipidaemias**

*Excludes:* sphingolipidosis (E75.0–E75.3)

E78.0  Pure hypercholesterolaemia

E78.00  Familial hypercholesterolaemia
E78.01  Fredrickson's hyperlipoproteinaemia, type IIa
E78.02  Hyperbetalipoproteinaemia
E78.03  Hyperlipidaemia, group A
E78.04  Low-density-lipoprotein-type [LDL] hyperlipoproteinaemia
E78.08  Other pure hypercholesterolaemia
E78.1 Pure hyperglyceridaemia
E78.10 Endogenous hyperglyceridaemia
E78.11 Fredrickson’s hyperlipoproteinaemia, type IV
E78.12 Hyperlipidaemia, group B
E78.13 Hyperprebetalipoproteinaemia
E78.14 Very-low-density-lipoprotein-type [VLDL] hyperlipoproteinaemia
E78.18 Other pure hyperglyceridaemia

E78.2 Mixed hyperlipidaemia
Excludes: cerebrotendinous cholesterosis [van Bogaert–Scherer–Epstein] (E75.50)

E78.20 Broad- or floating-betalipoproteinaemia
E78.21 Fredrickson’s hyperlipoproteinaemia, type IIb or III
E78.22 Hyperbetalipoproteinaemia with prebetalipoproteinaemia
E78.23 Hypercholesterolaemia with endogenous hyperglyceridaemia
E78.24 Hyperlipidaemia, group C
E78.25 Tubero-eruptive xanthoma
E78.26 Xanthoma tuberosum
E78.28 Other mixed hyperlipidaemia

E78.3 Hyperchylomicronaemia

E78.30 Fredrickson’s hyperlipoproteinaemia, type I or V
E78.31 Hyperlipidaemia, group D
E78.32 Mixed hyperglyceridaemia
E78.38 Other hyperchylomicronaemia

E78.4 Other hyperlipidaemia
Familial combined hyperlipidaemia

E78.5 Hyperlipidaemia, unspecified

E78.6 Lipoprotein deficiency

E78.60 Analalphalipoproteinaemia [Tangier disease]
E78.61 Hypoalphalipoproteinaemia
E78.62 Abetalipoproteinaemia [Bassen–Kornzweig]
E78.63 Familial hypobetalipoproteinaemia
E78.64 High-density lipoprotein deficiency
E78.65 Lecithin–cholesterol acyltransferase deficiency
E78.68 Other lipoprotein deficiency

E78.8 Other disorders of lipoprotein metabolism

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E78.9  Disorder of lipoprotein metabolism, unspecified

**E79**  Disorders of purine and pyrimidine metabolism

*Excludes:* gout (M10.-)
xeroderma pigmentosum (Q82.1)

E79.1  Lesch–Nyhan syndrome
Hypoxanthine phosphoribosyltransferase deficiency

E79.8  Other disorders of purine and pyrimidine metabolism

- E79.80  Hereditary xanthinuria
- E79.81  Orotate phosphoribosyl transferase deficiency [orotic acidemia, type I]
- E79.82  Orotidine-5'-phosphate decarboxylase deficiency [orotic acidemia, type II]
- E79.83  Myoadenylate deaminase deficiency

E79.9  Disorder of purine and pyrimidine metabolism, unspecified

**E80**  Disorders of porphyrin and bilirubin metabolism

*Includes:* defects of catalase and peroxidase

E80.0  Hereditary erythropoietic porphyria

- E80.00  Uroporphyrinogen-III synthase deficiency [congenital erythropoietic porphyria]
- E80.01  Ferrochelatase deficiency [erythropoietic protoporphyria]
- E80.08  Other hereditary erythropoietic porphyria

E80.1  *Porphyria cutanea tarda*
Uroporphyrinogen decarboxylase deficiency

E80.2  Other porphyria
Use additional external cause code (Chapter XX), if desired, to identify cause.

- E80.20  Hydroxymethylbilane synthase [porphobilinogen deaminase] deficiency [acute intermittent porphyria]
- E80.21  Coproporphyrinogen oxidase deficiency [hereditary coproporphyria]
- E80.22  Protoporphyrinogen oxidase or ferrochelatase deficiency [variegate porphyria]

E80.3  Defects of catalase and peroxidase

*Excludes:* adrenoleukodystrophy (E71.33):
- neonatal (E71.331)
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES

hyperoxaluria, type II (E74.81)
Refsum’s disease (G60.1)
Zellweger’s syndrome (Q87.82)

E80.30 Peroxisomal disorders, peroxisomes reduced or absent with multiple enzyme defects
E80.300 Infantile Refsum’s disease
E80.301 Hyperpippecolic acidaemia

E80.31 Peroxisomal disorders, single enzyme defects of peroxisomes
E80.310 Acatalasaemia
Acatalasia [Takahara]
E80.311 Hyperoxaluria type I
Alanine-glyoxylate transaminase deficiency
E80.312 3-Oxoacyl-CoA thiolase deficiency [pseudo-Zellweger]
E80.313 Acyl-CoA oxidase deficiency
E80.314 Bitfunctional enzyme deficiency
E80.315 Dihydroxyacetone phosphate acyl transferase deficiency

E80.32 Peroxisomal disorder, peroxisomes present with abnormal structures and multiple enzyme deficiencies
Excludes: chondrodysplasia punctata (Q77.3)

E80.38 Other defects of catalase and peroxidase

E80.4 Gilbert’s syndrome

E80.5 Crigler–Najjar syndrome

E80.6 Other disorders of bilirubin metabolism
E80.60 Dubin–Johnson syndrome
E80.61 Rotor’s syndrome

E80.7 Disorder of bilirubin metabolism, unspecified

E83 Disorders of mineral metabolism
Excludes: dietary mineral deficiency (E58–E61)
parathyroid disorders (E20–E21)
vitamin D deficiency (E55.–)

E83.0 Disorders of copper metabolism
E83.00 Menkes’ (kinky hair)(steely hair) disease
E83.01 Wilson’s disease [hepatolenticular degeneration]
E83.08 Other disorders of copper metabolism
E83.1 Disorders of iron metabolism
*Excludes:* iron deficiency anaemia (D50.-)
E83.10 Haemochromatosis
E83.18 Other disorders of iron metabolism

E83.2 Disorders of zinc metabolism
E83.20 Acrodermatitis enteropathica
E83.28 Other disorders of zinc metabolism

E83.3 Disorders of phosphorus metabolism
*Excludes:* adult osteomalacia (M83.-)
osteoporosis (M80-M81)
E83.30 Acid phosphatase deficiency
E83.31 Familial hypophosphataemia
E83.32 Hypophosphatasia
E83.33 Vitamin-D-resistant rickets
E83.38 Other disorders of phosphorus metabolism

E83.4 Disorders of magnesium metabolism
E83.40 Hypermagnesaemia
E83.41 Hypomagnesaemia
*Excludes:* neonatal hypomagnesaemia (P71.2)
E83.48 Other disorders of magnesium metabolism

E83.5 Disorders of calcium metabolism
*Excludes:* hyperparathyroidism (E21.0-E21.3)
E83.50 Familial hypocalciuric hypercalcaemia
E83.51 Idiopathic hypercalciuria

E83.8 Other disorders of mineral metabolism

E83.9 Disorder of mineral metabolism, unspecified

E84 Cystic fibrosis

E84.0 Cystic fibrosis with pulmonary manifestations

E84.1 Cystic fibrosis with intestinal manifestations

E84.8 Cystic fibrosis with other manifestations

E84.9 Cystic fibrosis, unspecified

E85 Amyloidosis
*Includes:* cerebral amyloid angiopathy† (I68.0*)
non-hereditary cerebral amyloidosis (congophilic or amyloid angiopathy)† (I68.0*)
E85.0 Non-neuropathic heredofamilial amyloidosis
   E85.00 Familial Mediterranea fever
   E85.01 Familial oculoleptomeningeal amyloidosis
   E85.08 Other non-neuropathic heredofamilial amyloidosis

E85.1 Neuropathic heredofamilial amyloidosis
   E85.10 Familial amyloid polyneuropathy, type I [Andrade type]
   E85.11 Familial amyloid polyneuropathy, type II (Indiana) [Rukavina type]
   E85.12 Familial amyloid polyneuropathy, type III (Iowa) [Van Allen type]
   E85.13 Familial amyloid polyneuropathy, type IV [cranial neuropathy with corneal lattice dystrophy] [Meretoja type]
   E85.18 Other neuropathic heredofamilial amyloidosis

E85.2 Heredofamilial amyloidosis, unspecified

E85.3 Secondary systemic amyloidosis
   E85.30 Immunocytic amyloidosis (AL protein)
   E85.31 Reactive amyloidosis (AA protein)
   E85.32 Tumour-associated amyloidosis (associated with hypernephroma)
   E85.33 Haemodialysis-associated amyloidosis
   E85.38 Other secondary systemic amyloidosis

E85.4 Organ-limited amyloidosis
   Excludes: cerebral amyloidosis in:
   - Alzheimer’s disease (G30.-)
   - Creutzfeldt–Jakob disease (A81.0)
   - Down’s syndrome (Q90.-)
   - Gerstmann–Straussler–Scheinker disease (A81.81)
   - kuru (A81.80)
   cranial neuropathy with corneal lattice dystrophy (E85.13)

E85.8 Other amyloidosis
   Amyloidosis of skin

E85.9 Amyloidosis, unspecified

E86 Volume depletion
   Dehydration
   Depletion of volume of plasma or extracellular fluid
   Hypovolaemia
**ICD-NA**

*Excludes:* dehydration of newborn (P74.1)
- hypovolaemic shock:
  - NOS (R57.1)
  - postoperative (T81.1)
  - traumatic (T79.4)

**E87**

**Other disorders of fluid, electrolyte and acid–base balance**

**E87.0 Hyperosmolality and hypernatraemia**
- Sodium [Na] excess
- Sodium [Na] overload

**E87.1 Hyposmolality and hyponatraemia**
*Excludes:* syndrome of inappropriate secretion of antidiuretic hormone (E22.2)

**E87.10** Sodium [Na] deficiency

**E87.2 Acidosis**
*Excludes:* diabetic acidosis (E10–E14 with common fourth character .1)

**E87.20** Metabolic acidosis
**E87.21** Respiratory acidosis

**E87.22** Lactic acidosis

**E87.2**

**E87.3 Alkalosis**

**E87.30** Metabolic alkalosis
**E87.31** Respiratory alkalosis

**E87.4 Mixed disorder of acid–base balance**

**E87.5 Hyperkalaemia**
- Potassium [K] excess
- Potassium [K] overload

**E87.6 Hypokalaemia**
- Potassium [K] deficiency

**E87.7 Fluid overload**

**E87.8 Other disorders of electrolyte and fluid balance, not elsewhere classified**
- Electrolyte imbalance NOS
- Hyperchloreaemia
- Hypochloreaemia
E88 Other metabolic disorders

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

E88.0 Disorders of plasma-protein metabolism, not elsewhere classified

α-1-Antitrypsin deficiency
Bisalbuminaemia

Excludes: disorders of lipoprotein metabolism (E78.-)
monoclonal gammopathy (D47.2)
polyclonal hypergammaglobulinaemia (D89.0)
Waldenström’s macroglobulinaemia (C88.0)

E88.8 Other specified metabolic disorders

E88.80 Launois–Bensaude adenolipomatosis
E88.81 Trimethylaminuria
E88.82 Organic acidaemias, not elsewhere classified

Excludes: glutaric aciduria type I (E72.30)
hyperpipecolic acidemia (E80.301)
Isovaleric acidemia (E71.11)
lactic acidosis (E87.23)
methylmalonic acidemia (E71.12)
orotic acidemia (E79.81, E79.82)
propionic acidemia (E71.13)

E88.820 Disorders of intermediary branched chain keto-acid metabolism
Hydroxymethylglutaryl-CoA lyase deficiency
3-Methyl-crotonyl-CoA carboxylase deficiency
Acetyl-CoA C-acyltransferase deficiency
Multiple acyl-CoA dehydrogenase deficiency
[glutaric acidemia, type II]

E88.821 Multiple carboxylase deficiency
E88.822 Biotinidase deficiency

E88.83 Defects of mitochondrial respiratory chain

Excludes: mitochondrial myopathy (G71.3)
E88.830 NADH-coenzyme Q reductase deficiency
E88.831 Succinate-coenzyme Q reductase deficiency
E88.832 Reduced coenzyme Q-cytochrome c reductase deficiency
E88.833 Deletion of mitochondrial DNA
E88.838 Other specified defect of mitochondrial respiratory chain

E88.9 Metabolic disorder, unspecified
E89 Postprocedural endocrine and metabolic disorders, not elsewhere classified

E89.0 Postprocedural hypothyroidism
- E89.00 Postirradiation hypothyroidism
- E89.01 Postsurgical hypothyroidism

E89.1 Postprocedural hypoinsulinaemia
- E89.10 Postpancreatectomy hypoinsulinaemia
- E89.11 Postsurgical hypoinsulinaemia

E89.2 Postprocedural hypoparathyroidism
Parathyroprival tetany

E89.3 Postprocedural hypopituitarism
- E89.30 Postirradiation hypopituitarism
- E89.31 Postsurgical hypopituitarism

E89.8 Other postprocedural endocrine and metabolic disorders

E90* Nutritional and metabolic disorders in diseases classified elsewhere
CHAPTER V

Mental and behavioural disorders
(F00–F99)

Organic, including symptomatic, mental disorders
(F00–F09)

This block comprises a range of mental disorders grouped together on the basis of their having in common a demonstrable etiology in cerebral disease, brain injury, or other insult leading to cerebral dysfunction. The dysfunction may be primary, as in diseases, injuries, and insults that affect the brain directly and selectively; or secondary, as in systemic diseases and disorders that attack the brain only as one of the multiple organs or systems of the body that are involved.

Dementia (F00–F03) is a syndrome due to disease of the brain, usually of a chronic or progressive nature, in which there is disturbance of multiple higher cortical functions, including memory, thinking, orientation, comprehension, calculation, learning capacity, language, and judgement. Consciousness is not clouded. The impairments of cognitive function are commonly accompanied, and occasionally preceded, by deterioration in emotional control, social behaviour, or motivation. This syndrome occurs in Alzheimer’s disease, in cerebrovascular disease, and in other conditions primarily or secondarily affecting the brain.

Use additional code, if desired, to identify the underlying disease.

**F00* Dementia in Alzheimer’s disease (G30.–†)**
Alzheimer’s disease is a primary degenerative cerebral disease of unknown etiology with characteristic neuropathological and neurochemical features. The disorder is usually insidious in onset and develops slowly but steadily over a period of several years.

**F00.0* Dementia in Alzheimer’s disease with early onset (G30.0†)**
Dementia in Alzheimer’s disease with onset before the age of 65, with a relatively rapid deteriorating course and with marked multiple disorders of the higher cortical functions.
Alzheimer's disease, type 2
Presenile dementia, Alzheimer's type
Primary degenerative dementia of the Alzheimer's type, presenile onset

**F00.1* Dementia in Alzheimer's disease with late onset (G30.1†)**
Dementia in Alzheimer's disease with onset after the age of 65, usually in the late 70s or thereafter, with a slow progression, and with memory impairment as the principal feature.

Alzheimer's disease, type 1
Primary degenerative dementia of the Alzheimer's type, senile onset
Senile dementia, Alzheimer's type

**F00.2* Dementia in Alzheimer's disease, atypical or mixed type (G30.8†)**
Atypical dementia, Alzheimer's type

**F00.9* Dementia in Alzheimer's disease, unspecified (G30.9†)**

### F01 Vascular dementia

Vascular dementia is the result of infarction of the brain due to vascular disease, including hypertensive cerebrovascular disease. The infarcts are usually small but cumulative in their effect. Onset is usually in later life.

*Includes:* arteriosclerotic dementia

Use additional code(s) (I60–I69), if desired, to identify the cause(s) or underlying conditions.

**F01.0 Vascular dementia of acute onset**
Usually develops rapidly after a succession of strokes from cerebrovascular thrombosis, embolism, or haemorrhage. In rare cases, a single large infarction may be the cause.

**F01.1 Multi-infarct dementia**
Gradual in onset, following a number of transient ischaemic episodes that produce an accumulation of infarcts in the cerebral parenchyma.

Predominantly cortical dementia

**F01.2 Subcortical vascular dementia**
Includes cases with a history of hypertension and foci of ischaemic destruction in the deep white matter of the cerebral hemispheres. The cerebral cortex is usually preserved and this contrasts with the clinical picture which may closely resemble that of dementia in Alzheimer's disease.

**F01.3 Mixed cortical and subcortical vascular dementia**

**F01.8 Other vascular dementia**

**F01.9 Vascular dementia, unspecified**
Dementia in other diseases classified elsewhere

Cases of dementia due, or presumed to be due, to causes other than Alzheimer's disease or cerebrovascular disease. Onset may be at any time in life, though rarely in old age.

F02.0* Dementia in Pick's disease (G31.00†)
A progressive dementia, commencing in middle age, characterized by early, slowly progressing changes of character and social deterioration, followed by impairment of intellect, memory, and language functions, with apathy, euphoria, and, occasionally, extrapyramidal phenomena.

F02.1* Dementia in Creutzfeldt–Jakob disease (A81.0†)
A progressive dementia with extensive neurological signs, due to specific neuropathological changes that are presumed to be caused by a transmissible agent. Onset is usually in middle or later life, but may be at any adult age. The course is subacute, leading to death within one to two years.

F02.2* Dementia in Huntington’s disease (G10.—†)
A dementia occurring as part of a widespread degeneration of the brain. The disorder is transmitted by a single autosomal dominant gene. Symptoms typically emerge in the third and fourth decade. Progression is slow, leading to death usually within 10 to 15 years.

Dementia in Huntington’s chorea

F02.3* Dementia in Parkinson’s disease (G20.—†)
A dementia developing in the course of established Parkinson’s disease. No particular distinguishing clinical features have yet been demonstrated.

Dementia in:
• paralysis agitans
• parkinsonism

F02.4* Dementia in human immunodeficiency virus [HIV] disease (B22.0†)
Dementia developing in the course of HIV disease, in the absence of a concurrent illness or condition other than HIV infection that could explain the clinical features.

F02.8* Dementia in other specified diseases classified elsewhere
Dementia in:
• adult ceroid lipofuscinosis [Kufs] (E75.43†)
• carbon monoxide poisoning (T58†)
• circumscribed brain atrophy (G31.0†)
• epilepsy (G40.—†)
• head injury, including “dementia pugilistica” (S06–S07†)
• hepatolenticular degeneration (E83.01†)
• hypercalcaemia (E83.5†)
• hypothyroidism, acquired (E01.—†, E03.—†)
• intoxications (T36–T65†)
• Lewy body disease (G31.85†)
• multiple sclerosis (G35.–†)
• neurosyphilis (A52.1†)
• niacin deficiency [pellagra] (E52†)
• polyarteritis nodosa (M30.0†)
• systemic lupus erythematosus (M32.–†)
• trypanosomiasis (B56.–†, B57.–†)
• vitamin B₁₂ deficiency (E53.80†)

F03 Dementia, unspecified
Presenile:
• dementia NOS
• psychosis NOS
Primary degenerative dementia NOS
Senile:
• dementia:
  • NOS
  • depressed or paranoid type
• psychosis NOS
Excludes: senile dementia with delirium or acute confusional state (F05.1)
  senility NOS (R54)

F04 Organic amnesic syndrome, not induced by alcohol and other psychoactive substances
A syndrome of prominent impairment of recent and remote memory while immediate recall is preserved, with reduced ability to learn new material and disorientation in time. Confabulation may be a marked feature, but perception and other cognitive functions, including the intellect, are usually intact. The prognosis depends on the course of the underlying lesion.

Korsakoff's psychosis or syndrome, nonalcoholic
Excludes: amnesia:
• NOS (R41.3)
• anterograde (R41.1)
• dissociative (F44.0)
• retrograde (R41.2)
Korsakoff's syndrome:
• alcohol-induced or unspecified (F10.6)
• induced by other psychoactive substances (F11–F19 with common fourth character .6)
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F05 Delirium, not induced by alcohol and other psychoactive substances

An etiologically nonspecific organic cerebral syndrome characterized by concurrent disturbances of consciousness and attention, perception, thinking, memory, psychomotor behaviour, emotion, and the sleep–wake schedule. The duration is variable and the degree of severity ranges from mild to very severe.

*Includes:* acute or subacute:
- brain syndrome
- confusional state (nonalcoholic)
- infective psychosis
- organic reaction
- psycho-organic syndrome

*Excludes:* delirium tremens, alcohol-induced (F10.4)

F05.0 Delirium, not superimposed on dementia, so described

F05.1 Delirium, superimposed on dementia, so described

Conditions meeting the above criteria but developing in the course of a dementia (F00–F03).

F05.8 Other delirium

Delirium of mixed origin

F05.9 Delirium, unspecified

F06 Other mental disorders due to brain damage and dysfunction and to physical disease

Includes miscellaneous conditions causally related to brain disorder due to primary cerebral disease, to systemic disease affecting the brain secondarily, to exogenous toxic substances or hormones, to endocrine disorders, or to other somatic illnesses.

Use additional code, if desired, to identify the underlying cause or disorder.

*Excludes:* associated with:
- delirium (F05–)
- dementia as classified in F00–F03 resulting from use of alcohol and other psychoactive substances (F10–F19)

F06.0 Organic hallucinosis

A disorder of persistent or recurrent hallucinations, usually visual or auditory, that occur in clear consciousness and may or may not be recognized by the subject as such. Delusional elaboration of the hallucinations may occur, but delusions do not dominate the clinical picture; insight may be preserved.

Organic hallucinatory state (nonalcoholic)

*Excludes:* alcoholic hallucinosis (F10.5)
ICD-NA

F06.1 Organic catatonic disorder
A disorder of diminished (stupor) or increased (excitement) psychomotor activity associated with catatonic symptoms. The extremes of psychomotor disturbance may alternate.

Excludes: stupor:
• NOS (R40.1)
• dissociative (F44.2)

F06.2 Organic delusional [schizophrenia-like] disorder
A disorder in which persistent or recurrent delusions dominate the clinical picture. The delusions may be accompanied by hallucinations. Some features suggestive of schizophrenia, such as bizarre hallucinations or thought disorder, may be present.

Paranoid and paranoid-hallucinatory organic states
Schizophrenia-like psychosis in epilepsy
Excludes: psychotic drug-induced disorders (F11–F19 with common fourth character .5)

F06.3 Organic mood [affective] disorders
Disorders characterized by a change in mood or affect, usually accompanied by a change in the overall level of activity, depressive, hypomanic, manic or bipolar (see F30–F32), but arising as a consequence of an organic disorder.

F06.30 Organic manic disorder
F06.31 Organic bipolar disorder
F06.32 Organic depressive disorder
F06.33 Organic mixed affective disorder

F06.4 Organic anxiety disorder
A disorder characterized by the features of a generalized anxiety disorder, a panic disorder, or a combination of both, but arising as a consequence of an organic disorder.

F06.5 Organic dissociative disorder
A disorder characterized by a partial or complete loss of the normal integration between memories of the past, awareness of identity and immediate sensations, and control of bodily movements (see F44.–), but arising as a consequence of an organic disorder.

Excludes: dissociative [conversion] disorders, nonorganic or unspecified (F44.–)

F06.6 Organic emotionally labile [asthenic] disorder
A disorder characterized by emotional incontinence or lability, fatiguability, and a variety of unpleasant physical sensations (e.g. dizziness) and pains, but arising as a consequence of an organic disorder.

Excludes: somatoform disorders, nonorganic or unspecified (F45.–)
F06.7 **Mild cognitive disorder**
A disorder characterized by impairment of memory, learning difficulties, and reduced ability to concentrate on a task for more than brief periods. There is often a marked feeling of mental fatigue when mental tasks are attempted, and new learning is found to be subjectively difficult even when objectively successful. None of these symptoms is so severe that a diagnosis of either dementia (F00–F03) or delirium (F05.–) can be made. This diagnosis should be made only in association with a specified physical disorder, and should not be made in the presence of any of the mental or behavioural disorders classified to F10–F99. The disorder may precede, accompany, or follow a wide variety of infections and physical disorders, both cerebral and systemic, but direct evidence of cerebral involvement is not necessarily present. It can be differentiated from postencephalitic syndrome (F07.1) and postconcussional syndrome (F07.2) by its different etiology, more restricted range of generally milder symptoms, and usually shorter duration.

F06.8 **Other specified mental disorders due to brain damage and dysfunction and to physical disease**

F06.9 **Unspecified mental disorder due to brain damage and dysfunction and to physical disease**

**F07**

**Personality and behavioural disorders due to brain disease, damage and dysfunction**
Alteration of personality and behaviour can be a residual or concomitant disorder of brain disease, damage, or dysfunction.

**F07.0** **Organic personality disorder**
A disorder characterized by a significant alteration of the habitual patterns of behaviour displayed by the subject premorbidly, involving the expression of emotions, needs, and impulses. Impairment of cognitive and thought functions and altered sexuality may also be part of the clinical picture.

Organic:
- pseudopsychopathic personality
- pseudoretarded personality

Syndrome:
- frontal lobe
- limbic epilepsy personality
- lobotomy
- postleucotomy

*Excludes:* postencephalitic syndrome (F07.1)

**F07.1** **Postencephalitic syndrome**
Residual nonspecific and variable behavioural change following recovery from either viral or bacterial encephalitis. The principal difference between this disorder and the organic personality disorders is that it is reversible.

*Excludes:* organic personality disorder (F07.0)
F07.2  Postconcussional syndrome
A syndrome that occurs following head trauma (usually sufficiently severe to result in loss of consciousness) and includes a number of disparate symptoms such as headache, dizziness, fatigue, irritability, difficulty in concentration and performing mental tasks, impairment of memory, insomnia, and reduced tolerance to stress, emotional excitement, or alcohol.

Postcontusional syndrome (encephalopathy)
Post-traumatic brain syndrome, nonpsychotic

F07.8  Other organic personality and behavioural disorders due to brain disease, damage and dysfunction
Right hemispheric organic affective disorder

F07.9  Unspecified organic personality and behavioural disorders due to brain disease, damage and dysfunction
Organic psychosyndrome

F09  Unspecified organic or symptomatic mental disorder
Organic psychosis NOS

Mental and behavioural disorders due to psychoactive substance use (F10–F19)

This block contains a wide variety of disorders that differ in severity and clinical form but that are all attributable to the use of one or more psychoactive substances, which may or may not have been medically prescribed. The third character of the code identifies the substance involved, and the fourth character specifies the clinical state. The codes should be used, as required, for each substance specified, but it should be noted that not all four-character codes are applicable to all substances.

Identification of the psychoactive substance should be based on as many sources of information as possible. These include self-report data, analysis of blood and other body fluids, characteristic physical and psychological symptoms, clinical signs and behaviour, and other evidence such as a drug being in the patient’s possession or reports from informed third parties. Many drug users take more than one type of substance. The principal diagnosis should be classified, whenever possible, according to the substance or class of substances that has caused or contributed most to the presenting clinical syndrome. Other diagnoses should be coded when other psychoactive substances have been taken in intoxicating amounts (common fourth character .0) or to the extent of
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cause harm (common fourth character .1), dependence (common fourth character .2), or other disorders (common fourth character .3–.9).

Only in cases in which patterns of psychoactive substance-taking are chaotic and indiscriminate, or in which the contributions of different psychoactive substances are inextricably mixed, should the diagnosis of disorders resulting from multiple drug use (F19.–) be used.

*Excludes:* abuse of non-dependence producing substances (F55)

The following fourth-character subdivisions are for use with categories F10–F19:

**F1x.0 Acute intoxication**
A condition that follows the administration of a psychoactive substance resulting in disturbances in level of consciousness, cognition, perception, affect or behaviour, or other psychophysiological functions and responses. The disturbances are directly related to the acute pharmacological effects of the substance and resolve with time, with complete recovery, except where tissue damage or other complications have arisen. Complications may include trauma, inhalation of vomitus, delirium, coma, convulsions, and other medical complications. The nature of these complications depends on the pharmacological class of substance and mode of administration.

*Includes:* acute drunkenness in alcoholism
“bad trips” (drugs)
drunkenness NOS
pathological intoxication
trance and possession disorders in psychoactive substance intoxication

F1x.00 Uncomplicated
F1x.01 With trauma or other bodily injury
F1x.02 With other medical complication
F1x.03 With delirium
F1x.04 With perceptual distortions
F1x.05 With coma
F1x.06 With convulsions
F1x.07 Pathological intoxication

**F1x.1 Harmful use**
A pattern of psychoactive substance use that is causing damage to health. The damage may be physical (as in cases of hepatitis from the self-administration of injected psychoactive substances) or mental (e.g. episodes of depressive disorder secondary to heavy consumption of alcohol).
**Includes:** psychoactive substance abuse

F1x.10 Mild
F1x.11 Moderate
F1x.12 Severe

**F1x.2 Dependence syndrome**
A cluster of behavioural, cognitive, and physiological phenomena that develop after repeated psychoactive substance use and that typically include a strong desire to take the drug, difficulties in controlling its use, persisting in its use despite harmful consequences, a higher priority given to drug use than to other activities and obligations, increased tolerance, and sometimes a physical withdrawal state.

The dependence syndrome may be present for a specific substance (e.g. tobacco, alcohol, or diazepam), for a class of substances (e.g. opioid drugs), or for a wider range of pharmacologically different psychoactive substances.

**Includes:** chronic alcoholism
dipsomania
drug addiction

F1x.20 Currently abstinent
F1x.21 Currently abstinent, but in a protected environment
F1x.22 Currently on a clinically supervised maintenance or replacement regime [controlled dependence]
F1x.23 Currently abstinent, but receiving treatment with aversive or blocking drugs
F1x.24 Currently using the substance [active dependence]
F1x.25 Continuous use
F1x.26 Episodic use [dipsomania]

**F1x.3 Withdrawal state**
A group of symptoms of variable clustering and severity occurring on absolute or relative withdrawal of a psychoactive substance after persistent use of that substance. The onset and course of the withdrawal state are time-limited and are related to the type of psychoactive substance and dose being used immediately before cessation or reduction of use. The withdrawal state may be complicated by convulsions.

F1x.30 Uncomplicated
F1x.31 With convulsions

**F1x.4 Withdrawal state with delirium**
A condition where the withdrawal state as defined in the common fourth character.3 is complicated by delirium as defined in F05.8. Convulsions may also occur. When organic factors are also considered to play a role in the etiology, the condition should be classified to F05.8.
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**Includes:** delirium tremens (alcohol-induced)

F1x.40 Without convulsions  
F1x.41 With convulsions

**F1x.5 Psychotic disorder**

A cluster of psychotic phenomena that occur during or following psychoactive substance use but that are not explained on the basis of acute intoxication alone and do not form part of a withdrawal state. The disorder is characterized by hallucinations (typically auditory, but often in more than one sensory modality), perceptual distortions, delusions (often of a paranoid or persecutory nature), psychomotor disturbances (excitement or stupor), and an abnormal affect, which may range from intense fear to ecstasy. The sensorium is usually clear but some degree of clouding of consciousness, though not severe confusion, may be present.

**Includes:** alcoholic:
- hallucinosis  
- jealousy  
- paranoia  
- psychosis NOS

**Excludes:** alcohol- or other psychoactive substance-induced residual and late-onset psychotic disorder (F10–F19 with common fourth character .7)

F1x.50 Schizophrenia-like  
F1x.51 Predominantly delusional  
F1x.52 Predominantly hallucinatory  
F1x.53 Predominantly polymorphic  
F1x.54 Predominantly depressive symptoms  
F1x.55 Predominantly manic symptoms  
F1x.56 Mixed

**F1x.6 Amnesic syndrome**

A syndrome associated with chronic prominent impairment of recent and remote memory. Immediate recall is usually preserved and recent memory is characteristically more disturbed than remote memory. Disturbances of time sense and ordering of events are usually evident, as are difficulties in learning new material. Confabulation may be marked but it is not invariably present. Other cognitive functions are usually relatively well preserved and amnesic defects are out of proportion to other disturbances.

Amnestic disorder, alcohol- or drug-induced  
Korsakov’s psychosis or syndrome, alcohol- or other psychoactive substance-induced or unspecified

**Excludes:** nonalcoholic Korsakov’s psychosis or syndrome  
(F04)
F1x.7  **Residual and late-onset psychotic disorder**
A disorder in which alcohol- or psychoactive substance-induced changes of cognition, affect, personality, or behaviour persist beyond the period during which a direct psychoactive substance-related effect might reasonably be assumed to be operating. Onset of the disorder should be directly related to the use of the psychoactive substance. Cases in which initial onset of the state occurs later than episode(s) of such substance use should be coded here only where clear and strong evidence is available to attribute the state to the residual effect of the psychoactive substance. Flashbacks may be distinguished from psychotic state partly by their episodic nature, frequently of very short duration, and by their duplication of previous alcohol- or psychoactive substance-related experiences.

**Excludes:** alcohol- or psychoactive substance-induced:
- Korsakov’s syndrome (F10–F19 with common fourth character .6)
- psychotic state (F10–F19 with common fourth character .5)

F1x.70  Flashbacks
F1x.71  Personality or behaviour disorder
F1x.72  Residual affective disorder
F1x.73  Dementia
F1x.74  Other persisting cognitive impairment
F1x.75  Late-onset psychotic disorder

F1x.8  **Other mental and behavioural disorders**

F1x.9  **Unspecified mental and behavioural disorder**

F10.– **Mental and behavioural disorders due to use of alcohol**
[See pages 133–136 for subdivisions]

F11.– **Mental and behavioural disorders due to use of opioids**
[See pages 133–136 for subdivisions]

F12.– **Mental and behavioural disorders due to use of cannabinoids**
[See pages 133–136 for subdivisions]

F13.– **Mental and behavioural disorders due to use of sedatives or hypnotics**
[See pages 133–136 for subdivisions]
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F14.– Mental and behavioural disorders due to use of cocaine
[See pages 133–136 for subdivisions]

F15.– Mental and behavioural disorders due to use of other stimulants, including caffeine
[See pages 133–136 for subdivisions]

F16.– Mental and behavioural disorders due to use of hallucinogens
[See pages 133–136 for subdivisions]

F17.– Mental and behavioural disorders due to use of tobacco
[See pages 133–136 for subdivisions]

F18.– Mental and behavioural disorders due to use of volatile solvents
[See pages 133–136 for subdivisions]

F19.– Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances
[See pages 133–136 for subdivisions]

This category should be used when two or more substances are known to be involved, but it is impossible to assess which substance is contributing most to the disorders. It should also be used when the exact identity of some or even all the substances being used is uncertain or unknown, since many multiple drug users themselves often do not know the details of what they are taking.

Includes: misuse of drugs NOS

Mood [affective] disorders
(F30–F39)

This block contains disorders in which the fundamental disturbance is a change in affect or mood to depression (with or without associated anxiety) or to elation. The mood change is usually accompanied by a change in the overall level of activity; most of the other symptoms are either secondary to, or easily understood in the context of, the change in mood and activity. Most
of these disorders tend to be recurrent and the onset of individual episodes can often be related to stressful events or situations.

**F30 Manic episode**

All the subdivisions of this category should be used only for a single episode. Hypomanic or manic episodes in individuals who have had one or more previous affective episodes (depressive, hypomanic, manic, or mixed) should be coded as bipolar affective disorder (F31.-).

*Includes:* bipolar disorder, single manic episode

**F30.0 Hypomania**

A disorder characterized by a persistent mild elevation of mood, increased energy and activity, and usually marked feelings of well-being and both physical and mental efficiency. Increased sociability, talkativeness, over-familiarity, increased sexual energy, and a decreased need for sleep are often present but not to the extent that they lead to severe disruption of work or result in social rejection. Irritability, conceit and boorish behaviour may take the place of the more usual euphoric sociability. The disturbances of mood and behaviour are not accompanied by hallucinations or delusions.

**F30.1 Mania without psychotic symptoms**

Mood is elevated out of keeping with the patient's circumstances and may vary from carefree joviality to almost uncontrollable excitement. Elation is accompanied by increased energy, resulting in overactivity, pressure of speech, and a decreased need for sleep. Attention cannot be sustained, and there is often marked distractibility. Self-esteem is often inflated with grandiose ideas and overconfidence. Loss of normal social inhibitions may result in behaviour that is reckless, foolhardy, or inappropriate to the circumstances, and out of character.

**F30.2 Mania with psychotic symptoms**

In addition to the clinical picture described in F30.1, delusions (usually grandiose) or hallucinations (usually of voices speaking directly to the patient) are present, or the excitement, excessive motor activity, and flight of ideas are so extreme that the patient is incomprehensible or inaccessible to ordinary communication.

Mania with:
- mood-congruent psychotic symptoms
- mood-incongruent psychotic symptoms
Manic stupor

**F30.8 Other manic episodes**

**F30.9 Manic episode, unspecified**

Mania NOS

**F31 Bipolar affective disorder**

A disorder characterized by two or more episodes in which the patient's mood and activity levels are significantly disturbed, this distur-
bance consisting on some occasions of an elevation of mood and increased energy and activity (hypomania or mania) and on others of a lowering of mood and decreased energy and activity (depression). Repeated episodes of hypomania or mania only are classified as bipolar (F31.8).

*Includes:* manic-depressive:
- illness
- psychosis
- reaction

*Excludes:* bipolar disorder, simple manic episode (F30.-)
cyclothymia (F34.0)

**F31.0 Bipolar affective disorder, current episode hypomanic**
The patient is currently hypomanic, and has had at least one other affective episode (hypomanic, manic, depressive, or mixed) in the past.

**F31.1 Bipolar affective disorder, current episode manic without psychotic symptoms**
The patient is currently manic, without psychotic symptoms (as in F30.1), and has had at least one other affective episode (hypomanic, manic, depressive, or mixed) in the past.

**F31.2 Bipolar affective disorder, current episode manic with psychotic symptoms**
The patient is currently manic, with psychotic symptoms (as in F30.2), and has had at least one other affective episode (hypomanic, manic, depressive, or mixed) in the past.

**F31.3 Bipolar affective disorder, current episode mild or moderate depression**
The patient is currently depressed, as in a depressive episode of either mild or moderate severity (F32.0 or F32.1), and has had at least one authenticated hypomanic, manic, or mixed affective episode in the past.

**F31.4 Bipolar affective disorder, current episode severe depression without psychotic symptoms**
The patient is currently depressed, as in severe depressive episode without psychotic symptoms (F32.2), and has had at least one authenticated hypomanic, manic, or mixed affective episode in the past.

**F31.5 Bipolar affective disorder, current episode severe depression with psychotic symptoms**
The patient is currently depressed, as in severe depressive episode with psychotic symptoms (F32.3), and has had at least one authenticated hypomanic, manic, or mixed affective episode in the past.

**F31.6 Bipolar affective disorder, current episode mixed**
The patient has had at least one authenticated hypomanic, manic, depressive, or mixed affective episode in the past, and currently exhibits either a mixture or a rapid alteration of manic and depressive symptoms.

*Excludes:* single mixed affective episode (F38.0)
Bipolar affective disorder, currently in remission
The patient has had at least one authenticated hypomanic, manic, or mixed affective episode in the past, and at least one other affective episode (depressive, hypomanic, manic, or mixed) in addition, but is not currently suffering from any significant mood disturbance, and has not done so for several months. Periods of remission while receiving prophylactic treatment should be coded here.

Other bipolar affective disorders
Bipolar II disorder
Recurrent manic episodes

Bipolar affective disorder, unspecified

Depressive episode
In typical mild, moderate, or severe depressive episodes, the patient suffers from lowering of mood, reduction of energy, and decrease in activity. Capacity for enjoyment, interest, and concentration is reduced, and marked tiredness after even minimum effort is common. Sleep is usually disturbed and appetite diminished. Self-esteem and self-confidence are almost always reduced and, even in the mild form, some ideas of guilt or worthlessness are often present. The lowered mood varies little from day to day, is unresponsive to circumstances, and may be accompanied by so-called "somatic" symptoms, such as loss of interest and pleasurable feelings, waking in the morning several hours before the usual time, depression worst in the morning, marked psychomotor retardation, agitation, loss of appetite, weight loss, and loss of libido. Depending upon the number and severity of the symptoms, a depressive episode may be specified as mild, moderate or severe.

Includes: single episodes of:
- depressive reaction
- psychogenic depression
- reactive depression

Excludes: recurrent depressive disorder (F33.-)

Mild depressive episode
Two or three of the above symptoms are usually present. The patient is usually distressed by these but will probably be able to continue with most activities.

Moderate depressive episode
Four or more of the above symptoms are usually present and the patient is likely to have great difficulty in continuing with ordinary activities.

Severe depressive episode without psychotic symptoms
An episode of depression in which several of the symptoms are marked and distressing, typically loss of self-esteem and ideas of worthlessness or guilt. Suicidal thoughts and acts are common and a number of "somatic" symptoms are usually present.
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Agitated depression
Major depression
Vital depression

F32.3 Severe depressive episode with psychotic symptoms
An episode of depression as described in F32.2, but with the presence of hallucinations, delusions, psychomotor retardation, or stupor so severe that ordinary social activities are impossible; there may be danger to life from suicide, dehydration, or starvation. The hallucinations and delusions may or may not be mood-congruent.

Single episodes of:
- major depression with psychotic symptoms
- psychogenic depressive psychosis
- psychotic depression
- reactive depressive psychosis

F32.8 Other depressive episodes
Atypical depression
Single episodes of “masked” depression NOS

F32.9 Depressive episode, unspecified
Depression NOS
Depressive disorder NOS

F33 Recurrent depressive disorder
A disorder characterized by repeated episodes of depression, as described for depressive episode (F32.-), without any history of independent episodes of mood elevation and increased energy (mania). There may, however, be brief episodes of mild mood elevation and overactivity (hymomania) immediately after a depressive episode, sometimes precipitated by antidepressant treatment. The more severe forms of recurrent depressive disorder (F33.2 and F33.3) have much in common with earlier concepts such as manic-depressive depression, melancholia, vital depression, and endogenous depression. The first episode may occur at any age from childhood to old age, the onset may be either acute or insidious, and the duration varies from a few weeks to many months. The risk that a patient with recurrent depressive disorder will have an episode of mania never disappears completely, however many depressive episodes have been experienced. If such an episode does occur, the diagnosis should be changed to bipolar affective disorder (F31.-).

Includes: recurrent episodes of:
- depressive reaction
- psychogenic depression
- reactive depression
- seasonal depressive disorder

Excludes: recurrent brief depressive episodes (F38.1)
F33.0 Recurrent depressive disorder, current episode mild
A disorder characterized by repeated episodes of depression, the current episode being mild, as in F32.0, and without any history of mania.

F33.1 Recurrent depressive disorder, current episode moderate
A disorder characterized by repeated episodes of depression, the current episode being of moderate severity, as in F32.1, and without any history of mania.

F33.2 Recurrent depressive disorder, current episode severe without psychotic symptoms
A disorder characterized by repeated episodes of depression, the current episode being severe without psychotic symptoms, as in F32.2, and without any history of mania.

Endogenous depression without psychotic symptoms
Major depression, recurrent without psychotic symptoms
Manic–depressive psychosis, depressed type without psychotic symptoms
Vital depression, recurrent without psychotic symptoms

F33.3 Recurrent depressive disorder, current episode severe with psychotic symptoms
A disorder characterized by repeated episodes of depression, the current episode being severe with psychotic symptoms, as in F32.3, and with no previous episodes of mania.

Endogenous depression with psychotic symptoms
Manic–depressive psychosis, depressed type with psychotic symptoms
Recurrent severe episodes of:
• major depression with psychotic symptoms
• psychogenic depressive psychosis
• psychotic depression
• reactive depressive psychosis

F33.4 Recurrent depressive disorder, currently in remission
The patient has had two or more depressive episodes as described in F33.0–F33.3, in the past, but has been free from depressive symptoms for several months.

F33.8 Other recurrent depressive disorders
F33.9 Recurrent depressive disorder, unspecified
Monopolar depression NOS

F34 Persistent affective disorders
Persistent and usually fluctuating disorders of mood in which the majority of the individual episodes are not sufficiently severe to warrant being described as hypomaniac or mild depressive episodes. Because they last for
many years, and sometimes for the greater part of the patient’s adult life, they involve considerable distress and disability. In some instances, recurrent or single manic or depressive episodes may become superimposed on a persistent affective disorder.

**F34.0 Cyclothymia**
A persistent instability of mood involving numerous periods of depression and mild elation (hypomania), none of which is sufficiently severe or prolonged to justify a diagnosis of bipolar affective disorder (F31.–) or recurrent depressive disorder (F33.–). This disorder is frequently found in the relatives of patients with bipolar affective disorder. Some patients with cyclothymia eventually develop bipolar affective disorder.

Affective personality disorder
Cycloid personality
Cyclothymic personality

**F34.1 Dysthymia**
A chronic depression of mood, lasting at least several years, which is not sufficiently severe, or in which individual episodes are not sufficiently prolonged, to justify a diagnosis of severe, moderate, or mild recurrent depressive disorder (F33.–).

Depressive:
• neurosis
• personality disorder
Neurotic depression
Persistent anxiety depression

**F34.8 Other persistent mood [affective] disorders**

**F34.9 Persistent mood [affective] disorder, unspecified**

**F38 Other mood [affective] disorders**
Any other mood disorders that do not justify classification to F30–F34 because they are not of sufficient severity or duration.

**F38.0 Other single mood [affective] disorders**
Mixed affective episode

**F38.1 Other recurrent mood [affective] disorders**
Recurrent brief depressive episodes

**F38.8 Other mood [affective] disorders**

**F39 Unspecified mood [affective] disorder**
Affective psychosis NOS
Neurotic, stress-related and somatoform disorders (F40–F48)

**F42.** Obsessive–compulsive disorder

The essential feature is recurrent obsessional thoughts or compulsive acts. Obsessional thoughts are ideas, images, or impulses that enter the patient's mind again and again in a stereotyped form. They are almost invariably distressing and the patient often tries, unsuccessfully, to resist them. They are, however, recognized as his or her own thoughts, even though they are involuntary and often repugnant. Compulsive acts or rituals are stereotyped behaviours that are repeated again and again. They are not inherently enjoyable, nor do they result in the completion of inherently useful tasks. Their function is to prevent some objectively unlikely event, often involving harm to or caused by the patient, which he or she fears might otherwise occur. Usually, this behaviour is recognized by the patient as pointless or ineffectual and repeated attempts are made to resist. Anxiety is almost invariably present. If compulsive acts are resisted the anxiety gets worse.

**F44** Dissociative [conversion] disorders

The common themes that are shared by dissociative or conversion disorders are a partial or complete loss of the normal integration between memories of the past, awareness of identity and immediate sensations, and control of bodily movements. All types of dissociative disorders tend to remit after a few weeks or months, particularly if their onset is associated with a traumatic life event. More chronic disorders, particularly paralyses and anaesthesias, may develop if the onset is associated with insoluble problems or interpersonal difficulties. These disorders have previously been classified as various types of “conversion hysteria”. They are presumed to be psychogenic in origin, being associated closely in time with traumatic events, insoluble and intolerable problems, or disturbed relationships. The symptoms often represent the patient's concept of how a physical illness would be manifest. Medical examination and investigation do not reveal the presence of any known physical or neurological disorder. In addition, there is evidence that the loss of function is an expression of emotional conflicts or needs. The symptoms may develop in close relationship to psychological stress, and often appear suddenly. Only disorders of physical functions normally under voluntary control and loss of sensations are included here. Disorders involving pain and other complex physical sensations mediated by the autonomic nervous system are classified under somatization disorder (F45.0). The possibility of the later appearance of serious physical or psychiatric disorders should always be kept in mind.

**Includes:** conversion:
- hysteria
- reaction
  hysteria
  hysterical psychosis

**Excludes:** malingering [conscious simulation] (Z76.5)
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F44.0 Dissociative amnesia
The main feature is loss of memory, usually of important recent events, that is not due to organic mental disorder, and is too great to be explained by ordinary forgetfulness or fatigue. The amnesia is usually centred on traumatic events, such as accidents or unexpected bereavements, and is usually partial and selective. Complete and generalized amnesia is rare, and is usually part of a fugue (F44.1). If this is the case, the disorder should be classified as such. The diagnosis should not be made in the presence of organic brain disorders, intoxication, or excessive fatigue.

Excludes: alcohol- or other psychoactive substance-induced amnesic disorder (F10-F19 with common fourth character .6)
nonalcoholic organic amnesic disorder (F04)
postictal amnesia in epilepsy (G40.-)

F44.1 Dissociative fugue
Dissociative fugue has all the features of dissociative amnesia, plus purposeful travel beyond the usual everyday range. Although there is amnesia for the period of the fugue, the patient's behaviour during this time may appear completely normal to independent observers.

Excludes: postictal fugue in epilepsy (G40.-)

F44.2 Dissociative stupor
Dissociative stupor is diagnosed on the basis of a profound diminution or absence of voluntary movement and normal responsiveness to external stimuli such as light, noise, and touch, but examination and investigation reveal no evidence of a physical cause. In addition, there is positive evidence of psychogenic causation in the form of recent stressful events or problems.

Excludes: organic catatonic disorder (F06.1)
stupor:
• NOS (R40.1)
• depressive (F31-F33)
• manic (F30.2)

F44.3 Trance and possession disorders
Disorders in which there is a temporary loss of the sense of personal identity and full awareness of the surroundings. Include here only trance states that are involuntary or unwanted, occurring outside religious or culturally accepted situations.

Excludes: states associated with:
• organic personality disorder (F07.0)
• postconcussional syndrome (F07.2)
• psychoactive substance intoxication (F10-F19 with common fourth character .0)
F44.4 Dissociative motor disorders
In the commonest varieties there is loss of ability to move the whole or a part of a limb or limbs. There may be close resemblance to almost any variety of ataxia, apraxia, akinesia, aphonia, dysarthria, dyskinesia, seizures, or paralysis.

Hysterical tremor
Psychogenic:
• aphonia
• dysphonia
• parkinsonism† (G22.-3*)

F44.5 Dissociative convulsions
Dissociative convulsions may mimic epileptic seizures very closely in terms of movements, but tongue-biting, bruising due to falling, and incontinence of urine are rare, and consciousness is maintained or replaced by a state of stupor or trance.

Hysterical tetany
Pseudoseizures

F44.6 Dissociative anaesthesia and sensory loss
Anaesthetic areas of skin often have boundaries that make it clear that they are associated with the patient’s ideas about bodily functions, rather than medical knowledge. There may be differential loss between the sensory modalities which cannot be due to a neurological lesion. Sensory loss may be accompanied by complaints of paraesthesia. Loss of vision and hearing is rarely total in dissociative disorders.

Psychogenic:
• anaesthesia
• blindness
• deafness

F44.7 Mixed dissociative [conversion] disorders
Combination of disorders specified in F44.0-F44.6

F44.8 Other dissociative [conversion] disorders
Includes: psychogenic:
• confusion
• twilight state

F44.80 Ganser’s syndrome
F44.81 Multiple personality disorder
F44.82 Transient dissociative [conversion] disorders occurring in childhood and adolescence
F44.88 Other specified dissociative [conversion] disorders

F44.9 Dissociative [conversion] disorder, unspecified
MENTAL AND BEHAVIOURAL DISORDERS

Somatoform disorders

The main feature is repeated presentation of physical symptoms together with persistent requests for medical investigations, in spite of repeated negative findings and reassurances by doctors that the symptoms have no physical basis. If any physical disorders are present, they do not explain the nature and extent of the symptoms or the distress and preoccupation of the patient.

Excludes: dissociative disorders (F44.-)
            hair-plucking (F98.4)
            lalling (F80.0)
            lisping (F80.8)
            nail-biting (F98.8)
            thumb-sucking (F98.8)
            tic disorders (in childhood and adolescence) (F95.-)
            Tourette's syndrome (F95.2)

Somatization disorder

The main features are multiple, recurrent, and frequently changing physical symptoms of at least two years’ duration. Most patients have a long and complicated history of contact with both primary and specialist medical care services, during which many negative investigations or fruitless exploratory operations may have been carried out. Symptoms may be referred to any part or system of the body. The course of the disorder is chronic and fluctuating, and is often associated with disruption of social, interpersonal, and family behaviour. Short-lived (less than two years) and less striking symptom patterns should be classified under undifferentiated somatoform disorder (F45.1).

Multiple psychosomatic disorder

Excludes: malingering [conscious simulation] (Z76.5)

Undifferentiated somatoform disorder

When somatoform complaints are multiple, varying, and persistent, but the complete and typical clinical picture of somatization disorder is not fulfilled, the diagnosis of undifferentiated somatoform disorders should be considered.

Undifferentiated psychosomatic disorder

Hypochondriacal disorder

The essential feature is a persistent preoccupation with the possibility of having one or more serious and progressive physical disorders. Patients manifest persistent somatic complaints or a persistent preoccupation with their physical appearance. Normal or commonplace sensations and appearances are often interpreted by the patient as abnormal and distressing, and attention is usually focused upon only one or two organs or systems of the body. Marked depression and anxiety are often present, and may justify additional diagnoses.

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Body dysmorphic disorder
Dysmorphophobia (nondelusional)
Hypochondriacal neurosis
Hypochondriasis
Nosophobia

F45.3 Somatoform autonomic dysfunction
Symptoms are presented by the patient as if they were due to a physical disorder of a system or organ that is largely or completely under autonomic innervation and control, i.e. the cardiovascular, gastrointestinal, respiratory, and urogenital systems. The symptoms are usually of two types, neither of which indicates a physical disorder of the organ or system concerned. First, there are complaints based upon objective signs of autonomic arousal, such as palpitations, sweating, flushing, tremor, and expression of fear and distress about the possibility of a physical disorder. Second, there are subjective complaints of a nonspecific or changing nature such as fleeting aches and pains, sensations of burning, heaviness, tightness, and feelings of being bloated or distended, which are referred by the patient to a specific organ or system.

Neurocirculatory asthenia
Psychogenic:
• hiccup
• hyperventilation

F45.4 Persistent somatoform pain disorder
The predominant complaint is of persistent, severe, and distressing pain, which cannot be explained fully by a physiological process or a physical disorder, and which occurs in association with emotional conflict or psychosocial problems that are sufficient to allow the conclusion that they are the main causative influences. The result is usually a marked increase in support and attention, either personal or medical. Pain presumed to be of psychogenic origin occurring during the course of depressive disorders or schizophrenia should not be included here.

Psychalgia
Psychogenic:
• backache
• headache

Somatoform pain disorder
Excludes: backache NOS (M54.9)
 pain:
• NOS (R52.9)
• acute (R52.0)
• chronic (R52.2)
• intractable (R52.1)
• tension headache (G44.2)
F45.8 Other somatoform disorders
Any other disorders of sensation, function, and behaviour, not due to physical disorders, which are not mediated through the autonomic nervous system, which are limited to specific systems or parts of the body, and which are closely associated in time with stressful events or problems.

Psychogenic:
- dysmenorrhoea
- dysphagia, including "globus hystericus"
- pruritus
- torticollis
Teeth-grinding
Excludes: tic disorders (F95.-)

F45.9 Somatoform disorder, unspecified
Psychosomatic disorder NOS

F48 Other neurotic disorders

F48.0 Neurasthenia
Considerable cultural variations occur in the presentation of this disorder, and two main types occur, with substantial overlap. In one type, the main feature is a complaint of increased fatigue after mental effort, often associated with some decrease in occupational performance or coping efficiency in daily tasks. The mental fatigueability is typically described as an unpleasant intrusion of distracting associations or recollections, difficulty in concentrating, and generally inefficient thinking. In the other type, the emphasis is on feelings of bodily or physical weakness and exhaustion after only minimal effort, accompanied by a feeling of muscular aches and pains and inability to relax. In both types a variety of other unpleasant physical feelings is common, such as dizziness, tension headaches, and feelings of general instability. Worry about decreasing mental and bodily well-being, irritability, anhedonia, and varying minor degrees of both depression and anxiety are all common. Sleep is often disturbed in its initial and middle phases but hypersomnia may also be prominent.

Fatigue syndrome

Use additional code, if desired, to identify previous physical illness.

Excludes: asthenia NOS (R53)
- burn-out (Z73.0)
- malaise and fatigue (R53)
- postviral fatigue syndrome (G93.3)
- psychasthenia (F48.83)

F48.1 Depersonalization–derealization syndrome
A rare disorder in which the patient complains spontaneously that his or her mental activity, body, and surroundings are changed in their quality, so as to be unreal, remote, or automatized. Among the varied phenomena of the syndrome, patients complain most frequently of loss of emotions and
feelings of estrangement or detachment from their thinking, their body, or the real world. In spite of the dramatic nature of the experience, the patient is aware of the unreality of the change. The sensorium is normal and the capacity for emotional expression intact. Depersonalization–derealization symptoms may occur as part of a diagnosable schizophrenic, depressive, phobic, or obsessive–compulsive disorder. In such cases the diagnosis should be that of the main disorder.

**F48.8 Other specified neurotic disorders**

- **F48.80** Briquet’s disorder
- **F48.81** Dhat syndrome
- **F48.82** Occupational neurosis, including writer’s cramp
  
  *Excludes:* occupational dystonia of organic type (G24.–)

- **F48.83** Psychasthenia
- **F48.84** Psychogenic syncope
- **F48.88** Other neurotic disorders
  
  *Excludes:* compensation neurosis (F68.0)

**F48.9 Neurotic disorder, unspecified**

Neurosis NOS

**Behavioural syndromes associated with physiological disturbances and physical factors (F50–F59)**

**F51 Nonorganic sleep disorders**

In many cases, a disturbance of sleep is one of the symptoms of another disorder, either mental or physical. Whether a sleep disorder in a given patient is an independent condition or simply one of the features of another disorder classified elsewhere, either in this chapter or in other chapters, should be determined on the basis of its clinical presentation and course as well as on the therapeutic considerations and priorities at the time of the consultation. Generally, if the sleep disorder is one of the major complaints and is perceived as a condition in itself, the present code should be used along with other pertinent diagnoses describing the psychopathology and pathophysiology involved in a given case. This category includes only those sleep disorders in which emotional causes are considered to be a primary factor, and which are not due to identifiable physical disorders classified elsewhere.

*Excludes:* sleep disorders (organic) (G47.–)

**F51.0 Nonorganic insomnia**

A condition of unsatisfactory quantity and quality of sleep, which persists for a considerable period of time, including difficulty falling asleep,
difficulty staying asleep, or early final wakening. Insomnia is a common symptom of many mental and physical disorders, and should be classified here in addition to the basic disorder only if it dominates the clinical picture.

Excludes: insomnia (organic) (G47.0)

F51.1 Nonorganic hypersomnia
Hypersomnia is defined as a condition of either excessive daytime sleepiness and sleep attacks (not accounted for by an inadequate amount of sleep) or prolonged transitions to the fully aroused state upon awakening. In the absence of an organic factor for the occurrence of hypersomnia, this condition is usually associated with mental disorders.

Excludes: hypersomnia (organic) (G47.1) narcolepsy (G47.4)

F51.2 Nonorganic disorder of the sleep-wake schedule
A lack of synchrony between the sleep-wake schedule and the desired sleep-wake schedule for the individual’s environment, resulting in a complaint of either insomnia or hypersomnia.

Psychogenic inversion of:
• circadian
• nyctohemeral rhythm
• sleep

Excludes: disorders of the sleep-wake schedule (organic) (G47.2)

F51.3 Sleepwalking [somnambulism]
A state of altered consciousness in which phenomena of sleep and wakefulness are combined. During a sleepwalking episode the individual arises from bed, usually during the first third of nocturnal sleep, and walks about, exhibiting low levels of awareness, reactivity, and motor skill. Upon awakening, there is usually no recall of the event.

F51.4 Sleep terrors [night terrors]
Nocturnal episodes of extreme terror and panic associated with intense vocalization, motility, and high levels of autonomic discharge. The individual sits up or gets up, usually during the first third of nocturnal sleep, with a panicky scream. Quite often he or she rushes to the door as if trying to escape, although very seldom leaves the room. Recall of the event, if any, is very limited (usually to one or two fragmentary mental images).

F51.5 Nightmares
Dream experiences loaded with anxiety or fear. There is very detailed recall of the dream content. The dream experience is very vivid and usually includes themes involving threats to survival, security, or self-esteem. Quite often there is a recurrence of the same or similar frightening nightmare themes. During a typical episode there is a degree of autonomic discharge but no appreciable vocalization or body motility. Upon awakening the individual rapidly becomes alert and oriented.

Dream anxiety disorder
F51.8 Other nonorganic sleep disorders
F51.9 Nonorganic sleep disorder, unspecified
   Emotional sleep disorder NOS

Disorders of adult personality and behaviour
(F60–F69)

F68 Other disorders of adult personality and behaviour

F68.0 Elaboration of physical symptoms for psychological reasons
Physical symptoms compatible with and originally due to a confirmed physical disorder, disease, or disability become exaggerated or prolonged due to the psychological state of the patient. The patient is commonly distressed by this pain or disability, and is often preoccupied with worries, which may be justified, of the possibility of prolonged or progressive disability or pain.

   Compensation neurosis

F68.1 Intentional production or feigning of symptoms or disabilities, either physical or psychological [factitious disorder]
The patient feigns symptoms repeatedly for no obvious reason and may even inflict self-harm in order to produce symptoms or signs. The motivation is obscure and presumably internal, with the aim of adopting the sick role. The disorder is often combined with marked disorders of personality and relationships.

   Hospital hopper syndrome
   Münchhausen’s syndrome
   Peregrinating patient
   **Excludes:** person feigning illness (with obvious motivation) (Z76.5)

F68.8 Other specified disorders of adult personality and behaviour
Character disorder NOS
   Relationship disorder NOS

F69 Unspecified disorder of adult personality and behaviour
Mental retardation
(F70–F79)

A condition of arrested or incomplete development of the mind, which is especially characterized by impairment of skills manifested during the developmental period, skills which contribute to the overall level of intelligence, i.e. cognitive, language, motor, and social abilities. Retardation can occur with or without any other mental or physical condition.

Degrees of mental retardation are conventionally estimated by standardized intelligence tests. These can be supplemented by scales assessing social adaptation in a given environment. These measures provide an approximate indication of the degree of mental retardation. The diagnosis will also depend on the overall assessment of intellectual functioning by a skilled diagnostician.

Intellectual abilities and social adaptation may change over time, and, however poor, may improve as a result of training and rehabilitation. Diagnosis should be based on the current levels of functioning.

The following fourth-character subdivisions are for use with categories F70–F79 to identify the extent of the impairment of behaviour:

- **F7x.0**  With the statement of no, or minimal, impairment of behaviour
- **F7x.1**  Significant impairment of behaviour requiring attention or treatment
- **F7x.8**  Other impairments of behaviour
- **F7x.9**  Without mention of impairment of behaviour

Use additional code, if desired, to identify associated conditions such as autism, other developmental disorders, epilepsy, conduct disorders, or severe physical handicap.

**Mild mental retardation**

Approximate IQ range of 50 to 69 (in adults, mental age from 9 to under 12 years). Likely to result in some learning difficulties in school. Many adults will be able to work, make and maintain good social relationships, and contribute to society.

*Includes:* feeble-mindedness
  mild mental subnormality
**Moderate mental retardation**
Approximate IQ range of 35 to 49 (in adults, mental age from 6 to under 9 years). Likely to result in marked developmental delays in childhood, but most can learn to develop some degree of independence in self-care and acquire adequate communication and academic skills. Adults will need varying degrees of support to live and work in the community.

*Includes*: moderate mental subnormality

**Severe mental retardation**
Approximate IQ range of 20 to 34 (in adults, mental age from 3 to under 6 years). Likely to result in continuous need of support.

*Includes*: severe mental subnormality

**Profound mental retardation**
IQ under 20 (in adults, mental age below 3 years). Results in severe limitation in self-care, continence, communication, and mobility.

*Includes*: profound mental subnormality

**Other mental retardation**

**Unspecified mental retardation**

*Includes*: mental:
- deficiency NOS
- subnormality NOS

**Disorders of psychological development**
(F80–F89)

The disorders included in this block have in common: (a) onset invariably during infancy or childhood; (b) impairment or delay in development of functions that are strongly related to biological maturation of the central nervous system; and (c) a steady course without remissions and relapses. In most cases, the functions affected include language, visuo-spatial skills, and motor coordination. Usually, the delay or impairment has been present from as early as it could be detected reliably and will diminish progressively as the child grows older, although milder deficits often remain in adult life.

**Specific developmental disorders of speech and language**
Disorders in which normal patterns of language acquisition are disturbed from the early stages of development. The conditions are not directly attributable to neurological or speech mechanism abnormalities, sensory impairments, mental retardation, or environmental factors. Specific
Developmental disorders of speech and language are often followed by associated problems, such as difficulties in reading and spelling, abnormalities in interpersonal relationships, and emotional and behavioural disorders.

**F80.0 Specific speech articulation disorder**

A specific developmental disorder in which the child's use of speech sounds is below the appropriate level for its mental age, but in which there is a normal level of language skills.

**Developmental:**
- phonological disorder
- speech articulation disorder

**Dyslalia**

Functional speech articulation disorder

Excludes: speech articulation disorder (due to):
- aphasia (R47.0)
- apraxia (R48.2)
- hearing loss (H90–H91)
- mental retardation (F70–F79)
- with language developmental disorder:
  - expressive (F80.1)
  - receptive (F80.2)

**F80.1 Expressive language disorder**

A specific developmental disorder in which the child's ability to use expressive spoken language is markedly below the appropriate level for its mental age, but in which language comprehension is within normal limits. There may or may not be abnormalities in articulation.

Developmental dysphasia or aphasia, expressive type

Excludes: acquired aphasia with epilepsy [Landau–Kleffner] (F80.3)

developmental dysphasia or aphasia, receptive type (F80.2)

dysphasia and aphasia NOS (R47.0)

mental retardation (F70–F79)

pervasive developmental disorders (F84.–)

**F80.2 Receptive language disorder**

A specific developmental disorder in which the child's understanding of language is below the appropriate level for its mental age. In virtually all cases expressive language will also be markedly affected and abnormalities in word-sound production are common.
Congenital auditory imperception
Developmental:
• dysphasia or aphasia, receptive type
• Wernicke’s aphasia
Word deafness
Excludes: acquired aphasia with epilepsy [Landau–Kleffner]
(F80.3)
• autism (F84.0–F84.1)
• language delay due to deafness (H90–H91)
• mental retardation (F70–F79)
• Wernicke’s receptive aphasia (R47.01)

F80.3 Acquired aphasia with epilepsy [Landau–Kleffner]
A disorder in which the child, having previously made normal progress in language development, loses both receptive and expressive language skills but retains general intelligence; the onset of the disorder is accompanied by paroxysmal abnormalities on the EEG, and in the majority of cases also by epileptic seizures. Usually the onset is between the ages of three and seven years, with skills being lost over days or weeks. The temporal association between the onset of seizures and loss of language is rather variable, with one preceding the other (either way round) by a few months to two years. An inflammatory encephalitic process has been suggested as a possible cause of this disorder. About two-thirds of the patients are left with a more or less severe receptive language deficit.

Excludes: aphasia (due to):
• NOS (R47.0)
• autism (F84.0–F84.1)
• disintegrative disorders of childhood (F84.2–F84.3)

F80.8 Other developmental disorders of speech and language
Lisping

F80.9 Developmental disorder of speech and language, unspecified
Language disorder NOS

F81 Specific developmental disorders of scholastic skills
Disorders in which the normal patterns of skill acquisition are disturbed from the early stages of development. This is not simply a consequence of a lack of opportunity to learn, it is not solely a result of mental retardation, and it is not due to any form of acquired brain trauma or disease.

F81.0 Specific reading disorder
The main feature is a specific and significant impairment in the development of reading skills that is not solely accounted for by low mental age, visual acuity problems, or inadequate schooling. Reading comprehension skill, reading word recognition, oral reading skill, and performance of tasks requiring reading may all be affected. Spelling difficulties are frequently
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associated with specific reading disorder and often remain into adolescence even after some progress in reading has been made. Specific developmental disorders of reading are commonly preceded by a history of disorders in speech or language development. Associated emotional and behavioural disturbances are common during the school age period.

“Backward reading”
Developmental dyslexia
Specific reading retardation
*Excludes:* alexia NOS (R48.0)
                      dyslexia NOS (R48.0)

F81.1 **Specific spelling disorder**
The main feature is a specific and significant impairment in the development of spelling skills in the absence of a history of specific reading disorder, which is not solely accounted for by low mental age, visual acuity problems, or inadequate schooling. The ability to spell orally and to write out words correctly are both affected.

Specific spelling retardation (without reading disorder)
*Excludes:* agraphia NOS (R48.81)
                      spelling difficulties associated with a reading disorder (F81.0)

F81.2 **Specific disorder of arithmetical skills**
Involves a specific impairment in arithmetical skills that is not solely explicable on the basis of general mental retardation or of inadequate schooling. The deficit concerns mastery of basic computational skills of addition, subtraction, multiplication, and division rather than of the more abstract mathematical skills involved in algebra, trigonometry, geometry, or calculus.

Developmental:
• acalculia
• arithmetical disorder
• Gerstmann’s syndrome
*Excludes:* acalculia NOS (R48.8)
                      arithmetical difficulties associated with a reading or spelling disorder (F81.3)

F81.3 **Mixed disorder of scholastic skills**
An ill-defined residual category of disorders in which both arithmetical and reading or spelling skills are significantly impaired, but in which the disorder is not solely explicable in terms of general mental retardation or of inadequate schooling. It should be used for disorders meeting the criteria for both F81.2 and either F81.0 or F81.1.

*Excludes:* specific:
• disorder of arithmetical skills (F81.2)
• reading disorder (F81.0)
• spelling disorder (F81.1)
F81.8 Other developmental disorders of scholastic skills
Developmental expressive writing disorder

F81.9 Developmental disorder of scholastic skills, unspecified
Knowledge acquisition disability NOS
Learning:
• disability NOS
• disorder NOS

F82 Specific developmental disorder of motor function
A disorder in which the main feature is a serious impairment in the development of motor coordination that is not solely explicable in terms of general intellectual retardation or of any specific congenital or acquired neurological disorder. Nevertheless, in most cases a careful clinical examination shows marked neurodevelopmental immaturities such as choreiform movements of unsupported limbs or mirror movements and other associated motor features, as well as signs of impaired fine and gross motor coordination.

Clumsy child syndrome
Developmental:
• coordination disorder
• dyspraxia
Excludes: abnormalities of gait and mobility (R26.–)
  lack of coordination (R27.–)
  • secondary to mental retardation (F70–F79)

F83 Mixed specific developmental disorders
A residual category for disorders in which there is some admixture of specific developmental disorders of speech and language, of scholastic skills, and of motor function, but in which none predominates sufficiently to constitute the prime diagnosis. This mixed category should be used only when there is a major overlap between each of these specific developmental disorders. They are usually, but not always, associated with some degree of general impairment of cognitive functions. Thus, the category should be used when there are dysfunctions meeting the criteria for two or more of F80.–, F81.– and F82.

F84 Pervasive developmental disorders
A group of disorders characterized by qualitative abnormalities in reciprocal social interactions and in patterns of communication, and by a restricted, stereotyped, repetitive repertoire of interests and activities. These qualitative abnormalities are a pervasive feature of the individual’s functioning in all situations.

Use additional code, if desired, to identify any associated medical condition and mental retardation.
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F84.0 Childhood autism
A type of pervasive developmental disorder that is defined by: (a) the presence of abnormal or impaired development that is manifest before the age of three years, and (b) the characteristic type of abnormal functioning in all the three areas of psychopathology: reciprocal social interaction, communication, and restricted, stereotyped, repetitive behaviour. In addition to these specific diagnostic features, a range of other nonspecific problems are common, such as fear and phobias, sleeping and eating disturbances, temper tantrums, and (self-directed) aggression.

Autistic disorder
Infantile:
- autism
- psychosis
Kanner's syndrome
Excludes: autistic psychopathy (F84.5)

F84.1 Atypical autism
A type of pervasive developmental disorder that differs from childhood autism either in age of onset or in failing to fulfil all three sets of diagnostic criteria. This subcategory should be used when there is abnormal and impaired development that is present only after age three years, and a lack of sufficient demonstrable abnormalities in one or two of the three areas of psychopathology required for the diagnosis of autism (namely, reciprocal social interactions, communication, and restricted, stereotyped, repetitive behaviour) in spite of characteristic abnormalities in the other area(s). Atypical autism arises most often in profoundly retarded individuals and in individuals with a severe specific developmental disorder of receptive language.

Atypical childhood psychosis
Mental retardation with autistic features
Use additional code (F70–F79), if desired, to identify mental retardation.

F84.2 Rett's syndrome
A condition, so far found only in girls, in which apparently normal early development is followed by partial or complete loss of speech and of skills in locomotion and use of hands, together with deceleration in head growth, usually with an onset between seven and 24 months of age. Loss of purposeful hand movements, hand-wrining stereotypes, and hyperventilation are characteristic. Social and play development are arrested but social interest tends to be maintained. Trunk ataxia and apraxia start to develop by age four years and choreoathetoid movements frequently follow. Severe mental retardation almost invariably results.

F84.3 Other childhood disintegrative disorder
A type of pervasive developmental disorder that is defined by a period of entirely normal development before the onset of the disorder, followed by a definite loss of previously acquired skills in several areas of development over the course of a few months. Typically, this is accompanied by a general
loss of interest in the environment, by stereotyped, repetitive motor mannerisms, and by autistic-like abnormalities in social interaction and communication. In some cases the disorder can be shown to be due to some associated encephalopathy but the diagnosis should be made on the behavioural features.

Dementia infantilis
Disintegrative psychosis
Heller's syndrome
Symbiotic psychosis

Use additional code, if desired, to identify any associated neurological condition.

Excludes: Rett's syndrome (F84.2)

F84.4 Overactive disorder associated with mental retardation and stereotyped movements
An ill-defined disorder of uncertain nosological validity. The category is designed to include a group of children with severe mental retardation (IQ below 34) who show major problems in hyperactivity and in attention, as well as stereotyped behaviours. They tend not to benefit from stimulant drugs (unlike those with an IQ in the normal range) and may exhibit a severe dysphoric reaction (sometimes with psychomotor retardation) when given stimulants. In adolescence, the overactivity tends to be replaced by underactivity (a pattern that is not usual in hyperkinetic children with normal intelligence). This syndrome is also often associated with a variety of developmental delays, either specific or global. The extent to which the behavioural pattern is a function of low IQ or of organic brain damage is not known.

F84.5 Asperger's syndrome
A disorder of uncertain nosological validity, characterized by the same type of qualitative abnormalities of reciprocal social interaction that typify autism, together with a restricted, stereotyped, repetitive repertoire of interests and activities. It differs from autism primarily in the fact that there is no general delay or retardation in language or in cognitive development. This disorder is often associated with marked clumsiness. There is a strong tendency for the abnormalities to persist into adolescence and adult life. Psychotic episodes occasionally occur in early adult life.

Autistic psychopathy
Schizoid disorder of childhood

F84.8 Other pervasive developmental disorders

F84.9 Pervasive developmental disorder, unspecified

Other disorders of psychological development
Developmental agnosia
MENTAL AND BEHAVIOURAL DISORDERS

F89  Unspecified disorder of psychological development
      Developmental disorder NOS

Behavioural and emotional disorders with onset usually occurring in childhood and adolescence (F90–F98)

F90  Hyperkinetic disorders
      A group of disorders characterized by an early onset (usually in the first five years of life), lack of persistence in activities that require cognitive involvement, and a tendency to move from one activity to another without completing any one, together with disorganized, ill-regulated, and excessive activity. Several other abnormalities may be associated. Hyperkinetic children are often reckless and impulsive, prone to accidents, and find themselves in disciplinary trouble because of unthinking breaches of rules rather than deliberate defiance. Their relationships with adults are often socially disinhibited, with a lack of normal caution and reserve. They are unpopular with other children and may become isolated. Impairment of cognitive functions is common, and specific delays in motor and language development are disproportionately frequent. Secondary complications include dissocial behaviour and low self-esteem.

F90.0  Disturbance of activity and attention
      Attention deficit:
      • disorder with hyperactivity
      • hyperactivity disorder
      • syndrome with hyperactivity
      Excludes: hyperkinetic disorder associated with conduct disorder (F90.1)

F90.1  Hyperkinetic conduct disorder
      Hyperkinetic disorder associated with conduct disorder

F90.8  Other hyperkinetic disorders

F90.9  Hyperkinetic disorder, unspecified
      Hyperkinetic reaction of childhood or adolescence NOS
      Hyperkinetic syndrome NOS

F95  Tic disorders
      Syndromes in which the predominant manifestation is some form of tic. A tic is an involuntary, rapid, recurrent, nonrhythmic motor movement (usually involving circumscribed muscle groups) or vocal production that is of sudden onset and that serves no apparent purpose. Tics tend to be experienced as irresistible but usually they can be suppressed for varying periods of time, are exacerbated by stress, and disappear during sleep.
Common simple motor tics include eye-blinking, neck-jerking, shoulder-shrugging, and facial grimacing. Common simple vocal tics include throat-clearing, barking, sniffing, and hissing. Common complex tics include hitting oneself, jumping, and hopping. Common complex vocal tics include the repetition of particular words, and sometimes the use of socially unacceptable (often obscene) words (coprolalia), and the repetition of one's own sounds or words (palilalia).

F95.0 Transient tic disorder
Meets the general criteria for a tic disorder but the tics do not persist longer than 12 months. The tics usually take the form of eye-blinking, facial grimacing, or head-jerking.

F95.1 Chronic motor or vocal tic disorder
Meets the general criteria for a tic disorder, in which there are motor or vocal tics (but not both), that may be either single or multiple (but usually multiple) and last for more than a year.

F95.2 Combined vocal and multiple motor tic disorder [de la Tourette]
A form of tic disorder in which there are, or have been, multiple motor tics and one or more vocal tics, although these need not have occurred concurrently. The disorder usually worsens during adolescence and tends to persist into adult life. The vocal tics are often multiple with explosive repetitive vocalizations, throat-clearing, and grunting, and there may be the use of obscene words or phrases. Sometimes there is associated gestural echopraxia which also may be of an obscene nature (copropraxia).

Tourette's disorder

F95.8 Other tic disorders

F95.9 Tic disorder, unspecified
Tic NOS

F98 Other behavioural and emotional disorders with onset usually occurring in childhood and adolescence
A heterogeneous group of disorders that share the characteristic of an onset in childhood but otherwise differ in many respects. Some of the conditions represent well-defined syndromes but others are no more than symptom complexes that need inclusion because of their frequency and association with psychosocial problems, and because they cannot be incorporated into other syndromes.

Excludes: breath-holding spells (R06.81)
            Kleine–Levin syndrome (G47.84)

F98.0 Nonorganic enuresis
A disorder characterized by involuntary voiding of urine, by day and by night, which is abnormal in relation to the individual's mental age, and
MENTAL AND BEHAVIOURAL DISORDERS

which is not a consequence of a lack of bladder control due to any neurological disorder, to epileptic attacks, or to any structural abnormality of the urinary tract. The enuresis may have been present from birth or it may have arisen following a period of acquired bladder control. The enuresis may or may not be associated with a more widespread emotional or behavioural disorder.

Functional enuresis
Psychogenic enuresis
Urinary incontinence of nonorganic origin

Excludes: enuresis NOS (R32)

F98.1 Nonorganic encopresis
Repeated, voluntary or involuntary passage of faeces, usually of normal or near-normal consistency, in places not appropriate for that purpose in the individual's own sociocultural setting. The condition may represent an abnormal continuation of normal infantile incontinence, it may involve a loss of continence following the acquisition of bowel control, or it may involve the deliberate deposition of faeces in inappropriate places in spite of normal physiological bowel control. The condition may occur as a monosymptomatic disorder, or it may be associated with a more widespread emotional or behavioural disorder.

Functional encopresis
Incontinence of faeces of nonorganic origin
Psychogenic encopresis

Use additional code, if desired, to identify the cause of any coexisting constipation.

Excludes: encopresis NOS (R15)

F98.4 Stereotyped movement disorders
Voluntary, repetitive, stereotyped, nonfunctional (and often rhythmic) movements that do not form part of any recognized psychiatric or neurological condition. When such movements occur as symptoms of some other disorder, only the overall disorder should be coded (i.e. F98.4 should not be coded). The movements that are of a non-self-injurious variety include: body-rocking, head-rocking, hair-plucking, hair-twisting, finger-flicking mannerisms, and hand-flapping. Stereotyped self-injurious behaviour includes repetitive head-banging, face-slapping, eye-poking, and biting of hands, lips, or other body parts. All the stereotyped movement disorders occur most frequently in association with mental retardation (when this is the case, both should be recorded). If eye-poking occurs in a child with visual impairment, both should be coded: eye-poking under this category and the visual condition under the appropriate somatic disorder code.

Stereotype/habit disorder

Excludes: abnormal involuntary movements (R25.–)
movement disorders of organic origin (G20–G25)
tic disorders (F95.–)
F98.5  **Stuttering [stammering]**
Speech that is characterized by frequent repetition or prolongation of sounds or syllables or words, or by frequent hesitations or pauses that disrupt the rhythmic flow of speech. It should be classified as a disorder only if its severity is such as to markedly disturb the fluency of speech.

*Excludes:* cluttering (F98.6)
  stuttering of organic origin (R47.80)
  tic disorders (F95.-)

F98.6  **Cluttering**
A rapid rate of speech with breakdown in fluency, but no repetitions or hesitations, of a severity to give rise to diminished speech intelligibility. Speech is erratic and dysrhythmic, with rapid jerky spurts that usually involve faulty phrasing patterns.

*Excludes:* cluttering of organic origin (R47.81)
  stuttering (F98.5)
  tic disorders (F95.-)

F98.8  **Other specified behavioural and emotional disorders with onset usually occurring in childhood and adolescence**
Attention deficit disorder without hyperactivity

Unspecified mental disorder
(F99)

**F99**  **Mental disorder, not otherwise specified**
Mental illness NOS
*Excludes:* organic mental disorder NOS (F06.9)
CHAPTER VI

Diseases of the nervous system (G00–G99)

Excludes: certain conditions originating in the perinatal period (P00–P96)
certain infectious and parasitic diseases (A00–B99)
complications of pregnancy, childbirth and the puerperium
(O00–O99)
congenital malformations, deformations and chromosomal
abnormalities (Q00–Q99)
endocrine, nutritional and metabolic diseases (E00–E90)
injury, poisoning and certain other consequences of external causes
(S00–T98)
neoplasms (C00–D48)
symptoms, signs and abnormal clinical and laboratory findings, not
elsewhere classified (R00–R99)

Inflammatory diseases of the central nervous system
(G00–G09)

G00 Bacterial meningitis, not elsewhere classified
Includes: bacterial:
• arachnoiditis
• leptomeningitis
• meningitis
• pachymeningitis
Excludes: bacterial:
• meningoencephalitis (G04.2)
• meningomyelitis (G04.2)

G00.0 Haemophilus meningitis
Meningitis due to Haemophilus influenzae

G00.1 Pneumococcal meningitis

G00.2 Streptococcal meningitis

G00.3 Staphylococcal meningitis
  G00.30 Meningitis due to Staphylococcus aureus
  G00.31 Meningitis due to Staphylococcus epidermidis
  G00.38 Other staphylococcal meningitis
G00.8 Other bacterial meningitis

G00.80 Anaerobic bacterial meningitis
  G00.800 Meningitis due to Bacteroides fragilis
  G00.801 Meningitis due to Fusobacterium species
  G00.802 Meningitis due to Propionibacterium species
  G00.803 Meningitis due to Peptococcus species
    [Peptostreptococcus]
  G00.804 Meningitis due to Clostridium species
  G00.805 Meningitis due to Actinomyces species

G00.81 Facultative anaerobic bacterial meningitis
  G00.811 Meningitis due to Citrobacter species
  G00.812 Meningitis due to Enterobacter species

G00.82 Meningitis due to Acinetobacter species

G00.83 Meningitis due to Escherichia coli

G00.84 Meningitis due to Klebsiella species
  G00.840 Meningitis due to Klebsiella pneumoniae
    Friedländer bacillus
  G00.848 Meningitis due to other Klebsiella species

G00.85 Meningitis due to Nocardia species

G00.86 Meningitis due to Pasteurella multocida

G00.87 Meningitis due to Proteus species

G00.88 Meningitis due to Pseudomonas species

G00.89 Meningitis due to Serratia species

G00.9 Bacterial meningitis, unspecified

Includes: meningitis:
  • purulent NOS
  • pyogenic NOS
  • suppurative NOS

G00.90 Gram-negative meningitis NOS

G00.91 Gram-positive meningitis NOS

G01* Meningitis in bacterial diseases classified elsewhere

Meningitis (in):
  • anthrax (A22.8†)
  • gonococcal (A54.8†)
  • leptospiral (A27.-†)
  • listerial (A32.1†)
  • Lyme disease (A69.2†)
  • meningococcal (A39.0†)
  • neurosyphilis (A52.1†)
  • salmonella infection (A02.2†)
DISEASES OF THE NERVOUS SYSTEM

- syphilis:
  - congenital (A50.4†)
  - secondary (A51.4†)
  - tuberculous (A17.0†)
  - typhoid fever (A01.0†)

G02* Meningitis in other infectious and parasitic diseases classified elsewhere

G02.0* Meningitis in viral diseases classified elsewhere
Meningitis (due to):
- adenoviral (A87.1†)
- arenaviral haemorrhagic fever (A96.−†)
- cytomegaloviral disease (B25.−†)
- entero viral (A87.0†)
- herpesviral [herpes simplex] (B00.3†)
- HIV disease resulting in infectious and parasitic diseases (B20.−†)
- infectious mononucleosis (B27.−†)
- Kyasanur Forest disease (A98.2†)
- lymphocytic choriomeningitis (A87.2†)
- measles (B05.1†)
- mumps (B26.1†)
- rubella (B06.0†)
- varicella [chickenpox] (B01.0†)
- zoster (B02.1†)

G02.1* Meningitis in mycoses classified elsewhere
Meningitis (in):
- candidal (B37.5†)
- coccidioidomycosis (B38.4†)
- cryptococcal (B45.1†)

G02.8* Meningitis in other specified infectious and parasitic diseases classified elsewhere
Meningitis due to:
- African trypanosomiasis (B56.−†)
- Chagas' disease (chronic) (B57.4†)
Meningitis due to other and unspecified causes

Includes:
- arachnoiditis
- leptomenigitis
- due to other and unspecified
- meningitis
- pachymeningitis

Excludes:
- meningoencephalitis (G04.-)
- meningomyelitis (G04.-)

G03.0 Nonpyogenic meningitis
Nonbacterial meningitis

G03.1 Chronic meningitis

G03.2 Benign recurrent meningitis [Mollaret]

G03.8 Meningitis due to other specified causes
Use additional code, if desired, to identify the associated condition or cause, e.g. Behçet’s disease (M35.2); Harada’s disease [Vogt–Koyanagi–Harada] (H30.8).

Excludes:
- carcinomatous meningitis (C79.362)
- meningoencephalomyelitis in sarcoidosis (D86.83)

G03.9 Meningitis, unspecified
Arachnoiditis (spinal) NOS

Encephalitis, myelitis and encephalomyelitis

Includes:
- acute ascending myelitis
- meningoencephalitis
- meningomyelitis

Excludes:
- benign myalgic encephalomyelitis (G93.3)
- encephalopathy:
  - NOS (G93.4)
  - alcoholic (G31.21)
  - toxic (G92.-)
- multiple sclerosis (G35.-)
- myelitis:
  - acute transverse (G37.3)
  - subacute necrotizing (G37.4)

G04.0 Acute disseminated encephalitis
Use additional external cause code (Chapter XX), if desired, to identify vaccine.

Excludes:
- acute disseminated demyelination (G36.-)
G04.00 Postimmunization encephalitis
G04.01 Postimmunization encephalomyelitis

G04.1 Tropical spastic paraplegia
G04.10 Associated with HTLV-1 infection [HTLV-1-associated myelopathy] [HAM]
G04.11 Associated with HTLV-2 infection
G04.12 Not associated with HTLV infection

G04.2 Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified

G04.8 Other encephalitis, myelitis and encephalomyelitis
Use additional code, if desired, to identify the infectious agent.

Excludes:
• postimmunization:
  • encephalitis (G04.00)
  • encephalomyelitis (G04.01)

G04.80 Postinfectious encephalitis
G04.81 Postinfectious encephalomyelitis

G04.9 Encephalitis, myelitis and encephalomyelitis, unspecified
Ventriculitis (cerebral) NOS

G05* Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere

Includes: meningoencephalitis and meningomyelitis in diseases classified elsewhere

G05.0* Encephalitis, myelitis and encephalomyelitis in bacterial diseases classified elsewhere

Includes: encephalitis, myelitis or encephalomyelitis (in):
• listerial (A32.1†)
• meningococcal (A39.8†)
• syphilis:
  • congenital (A50.4†)
  • late (A52.1†)
• tuberculous (A17.8†)
late syphilitic general paresis (A52.1†)

G05.00* Encephalitis in bacterial diseases classified elsewhere
G05.01* Myelitis in bacterial diseases classified elsewhere
Tabes dorsalis
G05.02* Encephalomyelitis in bacterial diseases classified elsewhere
G05.1* Encephalitis, myelitis and encephalomyelitis in viral
diseases classified elsewhere

*Includes: encephalitis, myelitis or encephalomyelitis (in):
  - adenoviral (A85.1+)
  - cytomegaloviral (B25.8+)
  - enteroviral (A85.0+)
  - herpesviral [herpes simplex] (B00.4+)
  - HIV (B23.8+)
  - influenza (J10.8+, J11.8+)
  - measles (B05.0+)
  - mosquito-borne (A83.-+)
  - mumps (B26.2+)
  - postchickenpox (B01.1+)
  - rubella (B06.0+)
  - zoster (B02.0+)

G05.10* Encephalitis in viral diseases classified elsewhere
G05.11* Myelitis in viral diseases classified elsewhere
G05.12* Encephalomyelitis in viral diseases classified elsewhere

G05.2* Encephalitis, myelitis and encephalomyelitis in other
infectious and parasitic diseases classified elsewhere

*Includes: encephalitis, myelitis or encephalomyelitis (in):
  - African trypanosomiasis (B56.-+)
  - amoebic (B60.2+)
  - Chagas’ disease (chronic) (B57.4+)
  - Lyme disease (A69.2+)
  - naegleriasis (B60.2+)
  - toxoplasmosis (B58.2+)
  - eosinophilic meningoencephalitis (B83.2+)

G05.20* Encephalitis in other infectious and parasitic diseases
classified elsewhere
G05.21* Myelitis in other infectious and parasitic diseases
classified elsewhere
G05.22* Encephalomyelitis in other infectious and parasitic
diseases classified elsewhere

G05.8* Encephalitis, myelitis and encephalomyelitis in other
diseases classified elsewhere

G05.80* Encephalitis in other diseases classified elsewhere
  Encephalitis in systemic lupus erythematosus (M32.1+)
G05.81* Myelitis in other diseases classified elsewhere
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G05.82* Encephalomyelitis in other diseases classified elsewhere

**G06**

**Intracranial and intraspinal abscess and granuloma**

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

*Excludes:* abscess of pituitary (E23.60)

**G06.0** Intracranial abscess and granuloma

Use seventh character, if desired, to identify origin:

- **G06.0xx0** Embolic
- **G06.0xx1** Direct implantation
- **G06.0xx2** Spread from scalp
- **G06.0xx3** Spread from middle ear
- **G06.0xx4** Spread from paranasal air sinuses
- **G06.0xx8** Spread from other adjacent structure

**G06.00** Cerebellar

**G06.01** Cerebral hemisphere, cortical

- **G06.010** Frontal
- **G06.011** Parietal
- **G06.012** Temporal
- **G06.013** Occipital

**G06.02** Cerebral hemisphere, deep

- **G06.020** Basal ganglia
- **G06.021** Thalamus
- **G06.022** Hypothalamus
- **G06.023** Centrum semiovale

**G06.03** Corpus callosum

**G06.04** Brainstem

- **G06.040** Midbrain
- **G06.041** Pons
- **G06.042** Medulla

**G06.05** Intracranial epidural (extradural) abscess and granuloma

**G06.06** Intracranial subdural abscess and granuloma

**G06.07** Multiple or widespread intracranial abscess and granuloma

**G06.1** Intraspinal abscess and granuloma

- **G06.10** Spinal cord
- **G06.11** Epidural (extradural)
  Epiduritis
- **G06.12** Subdural
G06.2 Extradural and subdural abscess, unspecified

G07* Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere

Abscess of brain:
• amoebic (A06.6t)
• cryptococcal (B45.1†)
• gonococcal (A54.8†)
• salmonella (A02.2†)
• tuberculous (A17.8†)

Cryptococcoma of brain (B45.1†)
Schistosomiasis granuloma of brain (B65.–†)

Tuberculoma of:
• brain (A17.8†)
• meninges (A17.1†)

G08 Intracranial and intraspinal phlebitis and thrombophlebitis

Includes: septic:
• embolism
• endophlebitis
• phlebitis
• thrombophlebitis
• thrombosis

Excludes: intracranial phlebitis and thrombophlebitis:
• complicating:
  • abortion or ectopic or molar pregnancy (O08.7)
  • pregnancy, childbirth and the puerperium (O22.5, O87.3)
  • of nonpyogenic origin (I67.6)

nonpyogenic intraspinal phlebitis and thrombophlebitis (G95.1)

G08.–0 Sagittal sinus
G08.–1 Straight sinus
G08.–2 Sigmoid sinus
G08.–3 Cavernous sinus
G08.–4 Cortical vein
G08.–5 Great cerebral vein
G08.–6 Spinal veins
G08.–7 Multiple or diffuse
Sequelae of inflammatory diseases of central nervous system

Note: This category is to be used to indicate conditions whose primary classification is to G00–G08 (i.e. excluding those marked with an asterisk (*)) as the cause of sequelae, themselves classifiable elsewhere. The “sequelae” include conditions specified as such or as late effects, or those present one year or more after onset of the causal condition. For use of this category reference should be made to the relevant coding rules and guidelines (see Section II, note 1.5, coding of late effects).

Systemic atrophies primarily affecting the central nervous system (G10–G13)

Huntington’s disease

Includes: Huntington’s chorea

G10.–0 Huntington’s disease, typical (age of onset between 20 and 50 years)
G10.–1 Juvenile onset (before age 20 years)
G10.–2 Late onset (after age 50 years)
G10.–3 Akinetic–rigid form with onset before age 20 years
G10.–4 Akinetic–rigid form with onset after age 20 years
G10.–5 Huntington’s disease without dementia
G10.–6 Huntington’s disease without chorea
G10.–8 Other specified types of Huntington’s disease

Hereditary ataxia

Excludes: hereditary and idiopathic neuropathy (G60.–)
infantile cerebral palsy (G80.–)
metabolic disorders (E70–E90)

Use additional sixth character, if desired, to indicate inheritance:

G11.xx0 Autosomal dominant
G11.xx1 Autosomal recessive
G11.xx2 X-linked recessive
G11.xx3 X-linked dominant
G11.xx4 Maternal inheritance
G11.xx5 Familial without clear inheritance pattern
G11.xx6 Non-inherited (sporadic)
G11.xx8 Other specified inheritance
G11.0 Congenital nonprogressive ataxia

G11.00 Cerebellar dysplasia and aplasia
G11.01 Congenital cerebellar ataxia
G11.02 Congenital ataxic diplegia
G11.03 Congenital cerebellar vermis agenesis [Joubert]
G11.04 Granular cell hypoplasia
G11.05 Congenital ataxia, mental retardation and partial aniridia [Gillespie]
G11.06 Congenital dysequilibrium syndrome
G11.08 Other specified congenital nonprogressive ataxias

G11.1 Early-onset cerebellar ataxia

Note: Onset usually before the age of 20 years.

G11.10 Early-onset cerebellar ataxia with retained tendon reflexes
G11.11 Ataxia with decreased tendon reflexes [Friedreich]
G11.12 Ataxia with hypogonadism [Holmes]
G11.13 Ataxia with myoclonus
Dyssynergia cerebellaris myoclonica [(Ramsay–)Hunt]
Excludes: baltic myoclonus [Unverricht–Lundborg] (G40.37)
G11.14 Ataxia with pigmentary retinopathy/optic atrophy
G11.15 Ataxia with cataracts [Marinesco–Sjögren]
G11.16 Ataxia with deafness and mental retardation
G11.17 Ataxia with extrapyramidal features/essential tremor
G11.18 Other specified early onset spinocerebellar degeneration

G11.2 Late-onset cerebellar ataxia

Note: Onset usually after the age of 20 years.

G11.20 Progressive cerebellar ataxia [olivopontocerebellar atrophy]
G11.21 Periodic ataxia
G11.22 Olivopontocerebellar atrophy with slow eye movement
Indian [Wadia]
Cuban [Orozco–Diaz]
G11.23 Olivopontocerebellar atrophy with blindness [Sanger–Brown ataxia]
G11.24 Imbalance with fasciculations and basal ganglia signs
[(Machado–)Joseph]
G11.25 Progressive spinocerebellar ataxia with decreased tendon reflexes
G11.26 Progressive spinocerebellar ataxia with retained tendon reflexes
DISEASES OF THE NERVOUS SYSTEM

G11.27 Progressive cerebellar ataxia with palatal myoclonus
G11.28 Other specified late-onset cerebellar ataxia

G11.3 Cerebellar ataxia with defective DNA repair
*Excludes:* Cockayne’s syndrome (Q87.11) xeroderma pigmentosum (Q82.1)

G11.30 Ataxia–telangiectasia [Louis–Bar]

G11.4 Hereditary spastic paraplegia
G11.40 Without involvement of other parts of the nervous system
G11.41 With specified involvement of other parts of the nervous system

G11.8 Other hereditary ataxias

G11.9 Hereditary ataxia, unspecified
Hereditary cerebellar:
- ataxia NOS
- degeneration
- disease
- syndrome

G12 Spinal muscular atrophy and related syndromes

G12.0 Infantile spinal muscular atrophy, type I [Werdnig–Hoffmann]

G12.1 Other inherited spinal muscular atrophy
G12.10 Proximal and diffuse spinal muscular atrophy
G12.100 Late infantile spinal muscular atrophy
Childhood form, type II
G12.101 Juvenile form, type III [Kugelberg–Welander]
G12.102 Adult onset spinal muscular atrophy

G12.11 Focal and localized spinal muscular atrophy
G12.110 Progressive bulbar palsy of childhood [Fazio–Londe]
G12.111 Distal form of spinal muscular atrophy
G12.112 Scapuloperoneal form of spinal muscular atrophy
G12.113 Facioscapulohumeral form of spinal muscular atrophy
G12.114 Facioscapulohumeral form of spinal muscular atrophy with sensory loss [Davidenkow]
G12.115 Scapulohumeral form of spinal muscular atrophy
G12.116 Oculopharyngeal form of spinal muscular atrophy
G12.117  Ryukyu type of spinal muscular atrophy
G12.118  Bulbospinal muscular atrophy [Kennedy]

**G12.2  Motor neuron disease**

*Excludes:* paraneoplastic motor neuron disease (G13.12)
progressive post-polio muscular atrophy (B91.–0)

G12.20  Amyotrophic lateral sclerosis (ALS) [Charcot]
G12.21  Primary lateral sclerosis
G12.22  Progressive bulbar palsy
G12.23  Progressive pseudobulbar palsy
G12.24  Progressive muscular atrophy
G12.25  Pseudopolyneuritic form of ALS [Patrikios]
G12.26  Western Pacific type motor neuron disease

*Excludes:* parkinsonism–dementia–amyotrophic lateral sclerosis complex (G23.84)

G12.260  Guamanian type motor neuron disease
G12.261  Motor neuron disease of Kii Peninsula
G12.262  Motor neuron disease of West New Guinea

G12.27  Madras type motor neuron disease
G12.28  Benign monomelic amyotrophy
Segmental motor neuron disease
G12.29  Other motor neuron disease

Use additional code, if desired, to identify any associated condition, e.g. motor neuron disease (in) (with):
- autoimmune disease including increased anti-GM1 ganglioside antibody (R76.84)
- Creutzfeldt–Jakob disease (A81.0)
- dysproteinemia and gammopathy (D89.–)
- hereditary spastic paraplegia (G11.4)
- herpes zoster (B02.2)
- Huntington’s disease (G10.–)
- hyperparathyroidism (E21.–)
- hyperthyroidism (E05.–)
- irradiation of the spinal cord (G95.82)
- lead intoxication (T56.0)
- (Machado-)Joseph disease (G11.24)
- multi-system atrophy [Shy–Drager] (G90.31)
- parkinsonism (G20.–, G21.–)

**G12.8  Other spinal muscular atrophies and related syndromes**

**G12.9  Spinal muscular atrophy, unspecified**
G13* Systemic atrophies primarily affecting central nervous system in diseases classified elsewhere

Note: In ICD-10 this category also includes disorders affecting the peripheral nervous system.

G13.0* Paraneoplastic neuromyopathy and neuropathy [C00–D48†]

Includes: carcinomatous neuromyopathy (C00–C97†)

G13.00* Paraneoplastic sensory-motor neuropathy
G13.01* Paraneoplastic sensory neuropathy [Denny-Brown]
  Sensorial paraneoplastic neuropathy
G13.08* Other paraneoplastic neuromyopathy and neuropathy

G13.1* Other systemic atrophy primarily affecting central nervous system in neoplastic disease (C00–D48†)

G13.10* Paraneoplastic limbic encephalopathy
G13.11* Paraneoplastic cerebellar degeneration
G13.12* Paraneoplastic motor neuron disease

G13.2* Systemic atrophy primarily affecting central nervous system in myxoedema (E00.1†, E03.-†)

G13.20* Cerebellar degeneration in hypothyroidism (E00.1†, E03.-†)

G13.8* Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere

Extrapyramidal and movement disorders (G20–G26)

G20 Parkinson’s disease

Includes: idiopathic parkinsonism
  paralysis agitans

Excludes: Guamanian-type parkinsonism–dementia complex
  (G23.84)
  diffuse Lewy body disease (dementia) (G31.85)

G20.–0 Classical type
G20.–1 Akinetic type
G20.–2 Tremor type
G20.–3 Postural instability–gait difficulty (PIGD) type
G20.–4 Hemiparkinsonism
Use additional sixth character, if desired, to indicate:
  G20.–x0  Sporadic
  G20.–x1  Familial

**G21**

Secondary parkinsonism

*Excludes:* parkinsonism in diseases classified elsewhere (G22.–)

**G21.0** Malignant neuroleptic syndrome

Use additional external cause code (Chapter XX), if desired, to identify drug.

**G21.1** Other drug-induced secondary parkinsonism

*Includes:* drug-induced akathisia

Use additional external cause code (Chapter XX), if desired, to identify drug, e.g. dopamine receptor-blockers (neuroleptics (Y49.3–Y49.5), antiemetic drugs (Y43.0)), dopamine depleters (reserpine tetrabenazine (T46.5)), lithium (T43.5), flunarizine (T46.7), cinnarizine (T45.0), diltiazem (T46.1).

*Excludes:* akathisia, not related to drugs (G25.88)

  G21.10  Acute drug reaction
  G21.11  Tardive drug reaction

**G21.2** Secondary parkinsonism due to other external agents

Use additional external cause code (Chapter XX), if desired, to identify external agent, e.g. manganese (T57.2), carbon monoxide (T58), cyanide (T57.3), methanol (T51.1), carbon disulfide (T65.4), 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine [MPTP] (T40.94).

**G21.3** Postencephalitic parkinsonism

  G21.30  Parkinsonism associated with encephalitis lethargica
  G21.38  Other postinfectious parkinsonism

*Excludes:* slow virus or prion infection of central nervous system (A81.–)

**G21.8** Other secondary parkinsonism

Use additional code, if desired, to identify cause, e.g. head injury (S06.–), sequelae of intracranial injury (T90.5).

*Excludes:* psychogenic parkinsonism (F44.4)

**G21.9** Secondary parkinsonism, unspecified
G22* Parkinsonism in diseases classified elsewhere

G22.-0* Parkinsonism in sporadic degenerative diseases classified elsewhere

Parkinsonism in:
- Alzheimer's disease (G30.-†)
- corticobasal ganglionic degeneration (G23.81†)
- dentato-rubral-pallido-luysian atrophy [DRPLA] (G23.83†)
- diffuse Lewy body disease (dementia) (G31.85†)
- Guamanian-type parkinsonism–dementia complex (G23.84†)
- Hallervorden–Spatz disease (G23.0†)
- multi-system degeneration with dysautonomia [multiple system atrophy] [MSA] (G90.3†)
- olivopontocerebellar degeneration (G11.22–G11.23†)
- pallidopyramidal dentatoluysian degeneration (G23.82†)
- progressive supranuclear ophthalmoplegia (idiopathic) [Steele–Richardson–Olszewski] (G23.10†)
- Shy–Drager syndrome (G90.31†)
- striatonigral degeneration (G23.2†)

Excludes: parkinsonism associated with calcification of the basal ganglia (G23.85)

G22.-1* Parkinsonism in familial degenerative and metabolic disorders classified elsewhere

Parkinsonism in:
- dopa-responsive dystonia (G24.13†)
- Huntington's disease (G10.-†)
- subacute necrotizing encephalopathy [Leigh] (G31.81†)
- Wilson's disease [hepatolenticular degeneration] (E83.01†)

Excludes: hereditary juvenile parkinsonism–dystonia complex (G24.17)

G22.-2* Parkinsonism in infectious diseases classified elsewhere

Parkinsonism in:
- acquired immunodeficiency syndrome [AIDS] (B24†)
- Creutzfeldt–Jakob disease (A81.0†)
- Gerstmann–Sträussler–Scheinker disease or syndrome (A81.81†)
• subacute sclerosing panencephalitis (A81.1†)
• syphilis (A52.1†)

G22.–3* Parkinsonism in other diseases classified elsewhere Parkinsonism (in):
• brain tumour (C71.−†, C79.3†, D33.−†)
• cerebrovascular disease (I60.–†, I67.–†)
• non-communicating (obstructive) hydrocephalus (G91.1†)
• normal pressure hydrocephalus (G91.2†)
• paraneoplastic (C00–D48†)
• psychogenic (F44.4†)
• syringomesencephalia (G95.0x3†)

G23 Other degenerative diseases of basal ganglia

G23.0 Hallervorden–Spatz disease
G23.00 Pigmentary pallidal degeneration
G23.08 Other specified pallidal degeneration
G23.09 Pallidal degeneration, unspecified

G23.1 Progressive supranuclear ophthalmoplegia

Includes: progressive supranuclear ophthalmoparesis
progressive supranuclear palsy [PSNP]

G23.10 Idiopathic [Steele–Richardson–Olszewski]
G23.11 Vascular [multi-infarct]

G23.2 Striatonigral degeneration

G23.8 Other specified degenerative diseases of basal ganglia

Excludes: multi-system degeneration with dysautonomia [Shy–Drager] (G90.31)
olivopontocerebellar degeneration (G11.22–G11.23)
Wilson’s disease [hepatolenticular degeneration] (E83.01)

G23.80 Hemiparkinson–hemiatrophy syndrome
G23.81 Corticobasal ganglionic degeneration
Corticodentatonigral degeneration with neuronal achromasia

G23.82 Pallidopyramidal dentatoluysian atrophy
G23.83 Dentatorubral pallidoluysian atrophy [DRPLA]
G23.84 Guamanian-type parkinsonism–dementia complex
Parkinsonism–dementia–amyotrophic lateral sclerosis complex of Guam
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*Excludes:* Western Pacific type motor neuron disease  
(G12.26)  
Guamanian-type Alzheimer’s disease  
(G30.80)

G23.85 Parkinsonism associated with calcification of the basal ganglia
G23.850 Idiopathic sporadic [Fahr]
G23.851 With hypoparathyroidism
G23.852 With pseudohypoparathyroidism
G23.853 Familial basal ganglia calcification

G23.9 Degenerative disease of basal ganglia, unspecified

**G24 Dystonia**

*Includes:* dyskinesia  
*Excludes:* athetoid cerebral palsy (G80.3)

**G24.0 Drug-induced dystonia**

Use additional external cause code (Chapter XX), if desired, to identify the drug or toxic agent, e.g. manganese (T57.2), carbon dioxide (T59.7), carbon disulfide (T65.4), cyanide (T57.3).

G24.00 Acute drug-induced dystonia
G24.01 Acute drug-induced dyskinesia
G24.02 Tardive dystonia
G24.03 Tardive dyskinesia
G24.04 Other specified drug-induced dystonia

Drug-induced oculogyric crises

**G24.1 Idiopathic familial dystonia**

G24.10 Classic autosomal dominant dystonia (with DYT1 gene on 9q34)
G24.11 Non-classic dystonia
G24.12 Atypical dystonia
G24.13 Dopa-responsive dystonia [DRD]  
Idiopathic diurnal dystonia or Segawa variant
G24.14 Myoclonic dystonia
G24.15 Rapid-onset dystonia
G24.16 X-linked recessive dystonia–parkinsonism complex  
[Lubag]
G24.17 Hereditary juvenile dystonia–parkinsonism complex
G24.18 Familial dystonia with other specified inheritance
Use additional sixth (and seventh) character, if desired, to indicate the localization of the dystonia:

- G24.1x0 Generalized dystonia, familial
- G24.1x1 Hemidystonia, familial
- G24.1x2 Axial dystonia, familial
- G24.1x3 Cranial dystonia, familial
- G24.1x30 Ocular dystonia, familial
- G24.1x31 Orofacial dystonia, familial
- G24.1x4 Laryngeal dystonia, familial
- G24.1x5 Cervical dystonia, familial
- G24.1x6 Limb dystonia, familial
- G24.1x60 Arm/hand dystonia, familial
- G24.1x61 Leg/foot dystonia, familial
- G24.1x7 Multiple or combined types of idiopathic familial dystonia
- G24.1x8 Other types of idiopathic familial dystonia

**G24.2 Idiopathic nonfamilial dystonia**

*Excludes:* idiopathic cervical dystonia (G24.3)

- G24.20 Generalized dystonia, nonfamilial
- G24.21 Hemidystonia, nonfamilial
- G24.22 Axial dystonia, nonfamilial
- G24.23 Other cranial dystonia, nonfamilial

*Excludes:* blepharospasm (G24.5)

- G24.230 Ocular dystonia, nonfamilial
  - Idiopathic oculogyric crisis

*Excludes:* drug-induced (G24.04)

- G24.24 Laryngeal dystonia, nonfamilial
  - Isolated spasmodic dysphonia
- G24.25 Limb dystonia, nonfamilial
  - G24.250 Arm/hand dystonia, nonfamilial
    - Writer's/musician's/other occupational cramps or palsies

*Excludes:* writer's and occupational cramps of psychogenic origin (F44.4)

- G24.251 Leg/foot dystonia, nonfamilial
- G24.27 Multiple or combined types of idiopathic nonfamilial dystonia
- G24.28 Other types of idiopathic nonfamilial dystonia

**G24.3 Spasmodic torticollis**

*Includes:* idiopathic cervical dystonia
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Excludes: familial cervical dystonia (G24.1x5)
          torticollis NOS (M43.6)

G24.30  Spasmodic torticollis
G24.31  Spasmodic retrocollis
G24.32  Spasmodic anterocollis
G24.33  Spasmodic laterocollis
G24.38  Other specified cervical dystonia

G24.4  Idiopathic orofacial dystonia
Excludes: familial orofacial dystonia (G24.1x31)

G24.40  Orofacial dyskinesia
G24.41  Edentulous orofacial dyskinesia
G24.42  Isolated oromandibular dystonia

G24.5  Blepharospasm
      Idiopathic cranial dystonia
      Meige’s blepharospasm

G24.8  Other dystonia
Excludes: atlantoaxial subluxation (M43.3–M43.4)
          congenital muscular contractions (Q79.8)
          seizure-induced twisting postures (G40.–)

G24.80  Paroxysmal dystonias
        G24.800  Sporadic kinesigenic dystonia
        G24.801  Familial kinesigenic dystonia
        G24.802  Sporadic non-kinesigenic dystonia
        G24.803  Familial non-kinesigenic dystonia
        G24.804  Tonic spasms of multiple sclerosis
        G24.805  Paroxysmal nocturnal dystonia

G24.81  Sandifer’s syndrome
          Anteroflexion associated with gastroesophageal reflux in young children.

G24.82  Secondary dystonia, unspecified
G24.83  Pseudodystonia, unspecified

G24.9  Dystonia, unspecified
      Dyskinesia NOS

G25  Other extrapyramidal and movement disorders

G25.0  Essential tremor
Excludes: isolated rest tremor (G25.26)
          tremor NOS (R25.1)
G25.00 Isolated head tremor
G25.01 Isolated facial tremor
G25.02 Isolated vocal tremor
G25.03 Isolated hand tremor
G25.04 Shuddering attacks of childhood
G25.07 Multiple site tremor

Use additional sixth character, if desired, to indicate:
  G25.0x0 Sporadic
  G25.0x1 Familial

G25.1 Drug-induced tremor
Use additional external cause code (Chapter XX), if desired, to identify drug.

G25.2 Other specified forms of tremor
G25.20 Kinetic [intention] tremor
G25.21 Physiological tremor
G25.22 Dystonic tremor
G25.23 Orthostatic tremor
G25.24 Task-specific (e.g. handwriting) tremor
G25.25 Midbrain-type tremor
G25.26 Isolated rest tremor

G25.3 Myoclonus
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: ataxia with myoclonus (G11.13)
epilepsia partialis continua [Kozhevnikof] (G40.50)
facial myokymia (G51.4)
hemifacial spasm (G51.3)
myoclonic epilepsy (G40.-)

G25.30 Cortical type diffuse myoclonus
G25.31 Focal or multifocal cortical type myoclonus
G25.32 Essential myoclonus [Friedreich's paramyoclonus multiplex]
G25.33 Oculopalatal myoclonus
G25.34 Segmental spinal myoclonus
G25.35 Propriospinal myoclonus
G25.36 Peripheral myoclonus
G25.37 Sleep (hypnic) myoclonus
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G25.38 Post-anoxic action myoclonus [Lance–Adams]
G25.39 Other specified myoclonic disorders

G25.4 Drug-induced chorea
Use additional external cause code (Chapter XX), if desired, to identify drug, e.g. dopamine receptor-blockers (neuroleptics (Y49.3–Y49.5)), antiemetic drugs (Y43.0), dopaminergic (antiparkinsonism and antiepileptic) drugs (Y46.–), psychostimulants (Y49.7), toxins (T51–T65).

G25.5 Other chorea
Includes: chorea NOS
Excludes: chorea NOS with heart involvement (I02.0)
Huntington’s chorea (G10)
rheumatic chorea (I02.–)
Sydenham’s chorea (I02.–)

G25.50 Chorea gravidarum
G25.51 Chorea associated with hormone therapy
G25.52 Hemichorea
G25.53 Neuroacanthocytosis [choreoacanthocytosis]
G25.54 Benign hereditary chorea
G25.55 Senile chorea
G25.56 Kinesigenic choreathetosis

G25.6 Drug-induced tics and other tics of organic origin
Excludes: de la Tourette’s syndrome (F95.2)
tics NOS (F95.9)

G25.60 Drug-induced tics
Use additional external cause code (Chapter XX), if desired, to identify drug.

G25.61 Tics of organic origin not related to drugs
Secondary tic NOS

G25.8 Other specified extrapyramidal and movement disorders
G25.80 Paroxysmal nocturnal limb movement disorder
G25.81 Painful legs (or arms), moving toes (or fingers) syndrome
G25.82 Sporadic restless legs syndrome [Ekbom]
G25.83 Familial restless legs syndrome with or without periodic movements
G25.84 Stiff-person syndrome
Stiff-man syndrome
G25.85  Ballism/hemiballism
        Use additional code (I63.―), if desired, when of vascular origin.
G25.86  Opsoclonus–myoclonus syndrome
        Dancing eyes, dancing feet syndrome
G25.87  Stereotypies
        Excludes:  de la Tourette syndrome (F95.2)
        edentulous orofacial dyskinesia (G24.41)
        epileptic automatisms (G40.―)
        orofacial dyskinesia (G24.40)
        psychogenic stereotypies (F98.4)
        restless legs syndrome (G25.82)
        stereotyped movement disorder (F98.4)
        tardive dyskinesia (G24.03)
G25.88  Akathisia, not related to drugs
        Excludes:  akathisia, drug-induced (G21.1)
G25.9   Extrapyramidal and movement disorder, unspecified

G26.0* Extrapyramidal and movement disorders in diseases classified elsewhere

G26.–0* Dystonia in diseases classified elsewhere
        Dyskinesia in diseases classified elsewhere
        Dystonia in:
        • ataxia–telangectasia [Louis–Bar] (G11.30†)
        • corticobasal ganglionic degeneration (G23.81†)
        • Hallervorden–Spatz disease (G23.0†)
        • hereditary spastic paraplegia (G11.4†)
        • Huntington’s disease (G10†)
        • Joseph’s disease (G11.24†)
        • juvenile neuronal ceroid lipofuscinosis (E75.42†)
        • Lesch–Nyhan syndrome (E79.1†)
        • multiple sclerosis (G35†)
        • multi-system degeneration with dysautonomia
          (G90.31†)
        • neuroacanthocytosis (G25.53†)
        • Niemann–Pick disease, type C (E75.262†)
        • pallidal degeneration (G23.82–G23.83†)
        • Parkinson’s disease (G20†)
        • progressive supranuclear ophthalmoparesis [Steele–Richardson–Olszewski] (G23.10†)
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- reflex sympathetic dystrophy (G90.83†)
- Rett’s syndrome (F84.2†)
- Shy–Drager syndrome (G90.31†)
- subacute necrotizing encephalopathy [Leigh] (G31.81†)
- Wilson’s disease [hepatolenticular degeneration] (E83.01†)

Hemidystonia in diseases classified elsewhere

G26.–1* Chorea in diseases classified elsewhere

Chorea in:
- hyperthyroidism (E05.–†)
- neuroacanthocytosis (G25.53†)
- systemic lupus erythematosus (M32.–†)

Hemichorea in diseases classified elsewhere

Excludes: chorea NOS with heart involvement (I02.0)
- chorea gravidarum (G25.50)
- Huntington’s chorea (G10)
- rheumatic chorea (I02.–)
- Sydenham’s chorea (I02.–)

G26.–2* Tremor in diseases classified elsewhere

Tremor in:
- brain tumour (C71.–†, C79.3†, D33.–†)
- cerebrovascular disease (I60–I67†)
- head injury (S06.–†)

G26.–3* Myoclonus in diseases classified elsewhere

Myoclonus in:
- Alzheimer’s disease (G30.–†)
- brain tumour (C71.–†, C79.3†, D33.–†)
- Creutzfeldt–Jakob disease (A81.0†)
- cerebrovascular disease (I60–I67†)
- dyssynergia cerebellaris myoclonica [(Ramsay–)Hunt] (G11.13†)
- head injury (S06.–†)
- metabolic encephalopathy (E00–E90†)
- olivopontocerebellar atrophy (G11.22–G11.23†)
- toxic encephalopathy (G92.–†)

G26.–4* Tics in diseases classified elsewhere

G26.–5* Stereotypies in diseases classified elsewhere

Stereotypies in:
- autism (F84.0–F84.1†)
- mental retardation (F70–F79†)
- Rett’s syndrome (F84.2†)
ICD-NA

Other degenerative diseases of the nervous system (G30–G32)

G30 Alzheimer's disease
Includes: senile and presenile forms
Excludes: senile:
  • degeneration of brain NEC (G31.1)
  • dementia NOS (F03)
  senility NOS (R54)

G30.0 Alzheimer's disease with early onset
Note: Onset usually before the age of 65 years.
G30.00 Alzheimer's disease with early onset, familial
G30.01 Alzheimer's disease with early onset, sporadic

G30.1 Alzheimer's disease with late onset
Note: Onset usually after the age of 65 years.
G30.10 Alzheimer's disease with late onset, familial
G30.11 Alzheimer's disease with late onset, sporadic

G30.8 Other Alzheimer's disease
G30.80 Guamanian-type Alzheimer's disease
  Excludes: Guamanian-type parkinsonism–dementia complex (G23.84)

G30.9 Alzheimer's disease, unspecified

G31 Other degenerative diseases of nervous system, not elsewhere classified
Excludes: Reye's syndrome (G93.7)

G31.0 Circumscribed brain atrophy
G31.00 Pick's disease
G31.01 Progressive isolated aphasia [Mesulam]
G31.02 Frontal lobe dementia

G31.1 Senile degeneration of brain, not elsewhere classified
Excludes: Alzheimer's disease (G30.–)
  senility NOS (R54)
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G31.2 Degeneration of the nervous system due to alcohol
G31.20 Alcoholic cerebellar degeneration
Alcoholic cerebellar ataxia
G31.21 Alcoholic cerebral degeneration
Alcoholic encephalopathy
Excludes: central pontine myelinolysis (G37.2)
Korsakoff's alcoholic amnestic syndrome (F10.6)
Wernicke's superior haemorrhagic polioencephalitis syndrome (E51.2)
G31.22 Alcoholic spinal cord degeneration
G31.23 Dysfunction of autonomic nervous system due to alcohol
G31.24 Morel's laminar sclerosis
G31.28 Other specified degeneration of nervous system due to alcohol

G31.8 Other specified degenerative diseases of nervous system
G31.80 Grey-matter degeneration [Alpers]
G31.81 Subacute necrotizing encephalopathy [Leigh]
G31.82 Neuroaxonal dystrophy [Seitelberger]
G31.83 Progressive subcortical gliosis
G31.84 Spongy degeneration of white matter in infancy [Canavan–van Bogaert–Bertrand]
G31.85 Diffuse Lewy body disease (dementia)

G31.9 Degenerative disease of the nervous system, unspecified

G32* Other degenerative disorders of the nervous system in diseases classified elsewhere
G32.0* Subacute combined degeneration of the spinal cord in diseases classified elsewhere
Subacute combined degeneration of the spinal cord in:
• thiamin deficiency (E51.–†)
• vitamin B₁₂ deficiency (E53.80†)

G32.8* Other specified degenerative disorders of the nervous system in diseases classified elsewhere
Demyelinating diseases of the central nervous system (G35–G37)

**G35**  **Multiple sclerosis**  
*Includes:* multiple sclerosis (of):  
- NOS  
- brain stem  
- cord  
- disseminated  
- generalized  
*Excludes:*  
concentric sclerosis [Balé] (G37.5)  
neuromyelitis optica [Devic] (G36.0)  
*Note:* These conditions are classified to other ICD-10 categories even if they are often considered as variants of multiple sclerosis.

G35.-0  Relapsing/remitting multiple sclerosis  
G35.-1  Primary progressive multiple sclerosis  
Chronic progressive multiple sclerosis, progressive from onset  
G35.-2  Secondary progressive multiple sclerosis  
Chronic progressive multiple sclerosis, after an initially relapsing/remitting course (includes remittent progressive)  
G35.-8  Other symptomatic forms of multiple sclerosis

**G36**  **Other acute disseminated demyelination**  
*Excludes:* postinfectious encephalitis and encephalomyelitis NOS (G04.8)

G36.0  **Neuromyelitis optica [Devic]**  
Spinal cord demyelination in optic neuritis  
*Excludes:* optic neuritis NOS (H46)  
G36.1  **Acute and subacute haemorrhagic leukoencephalitis [Hurst]**  
G36.8  **Other specified acute disseminated demyelination**  
G36.9  **Acute disseminated demyelination, unspecified**

**G37**  **Other demyelinating diseases of central nervous system**
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G37.0 **Diffuse sclerosis**
Periaxial encephalitis
Schilder's disease
*Excludes:* adrenoleukodystrophy [Addison–Schilder] (E71.330)

G37.1 **Central demyelination of corpus callosum**
Marchiafava–Bignami syndrome
Use additional code, if desired, to identify associated conditions(s) or cause.

G37.2 **Central pontine myelinolysis**
Use additional code, if desired, to identify associated conditions(s) or cause.

G37.3 **Acute transverse myelitis in demyelinating disease of central nervous system**
Acute transverse myelitis NOS
Use additional code, if desired, to identify associated condition(s) or cause.
*Excludes:* multiple sclerosis (G35.–) neuromyelitis optica [Devic] (G36.0)

G37.4 **Subacute necrotizing myelitis**

G37.5 **Concentric sclerosis [Baló]**

G37.8 **Other specified demyelinating diseases of the central nervous system**
Use additional code, if desired, to identify associated condition(s) or cause.

G37.9 **Demyelinating disease of the central nervous system, unspecified**

Episodic and paroxysmal disorders (G40–G47)

G40 **Epilepsy**
Use additional code, if desired, to identify associated condition(s) or cause.
*Excludes:* convulsions of newborn (P90.–) epileptic psychosis (F06.8) febrile convulsions (R56.0) isolated (first) seizure (R56.8)
Landau-Kleffner syndrome (F80.3)
seizure (convulsive) NOS (R56.8)
status epilepticus (G41.–)
Todd’s paralysis (postepileptic) (G83.80)

G40.0 Localization-related (focal)(partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset
G40.00 Benign childhood epilepsy with centrotemporal EEG spikes
G40.01 Childhood epilepsy with occipital EEG paroxysms

G40.1 Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures
G40.10 Simple partial seizures
Attacks without alteration of consciousness
G40.11 Simple partial seizures developing into complex partial seizures
G40.12 Simple partial seizures developing into secondarily generalized seizures

G40.2 Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures
Includes: attacks with alteration of consciousness
G40.20 Complex partial seizures with only alteration of consciousness
G40.21 Complex partial seizures with alteration of consciousness and automatisms
G40.22 Complex partial seizures developing into secondarily generalized seizures

G40.3 Generalized idiopathic epilepsy and epileptic syndromes
G40.30 Benign myoclonic epilepsy in infancy
G40.31 Familial benign neonatal seizures
G40.32 Non-familial benign neonatal seizures
G40.33 Childhood absence epilepsy [pyknolepsy]
G40.34 Epilepsy with generalized tonic–clonic seizures on awakening
G40.35 Juvenile absence epilepsy
G40.36 Juvenile myoclonic epilepsy [impulsive petit mal]
G40.37 Baltic myoclonus [Unverricht–Lundborg]
G40.39 Unspecified generalized epileptic syndromes with atonic, clonic, myoclonic, tonic or tonic–clonic seizures
G40.4 Other generalized epilepsy and epileptic syndromes

G40.40 Infantile spasms [West]
   Salaam attacks
G40.41 Early infantile epileptic encephalopathy with suppression burst EEG
G40.42 Epilepsy with myoclonic absences
G40.43 Epilepsy with myoclonic-astatic seizures
G40.44 Lennox–Gastaut syndrome
G40.45 Symptomatic early myoclonic encephalopathy
G40.46 Myoclonic epilepsy with ragged red fibres (MERRF)

G40.5 Special epileptic syndromes

G40.50 Epilepsia partialis continua [Kozhevnikof]
G40.51 Chronic progressive epilepsy partialis continua [Rasmussen]
G40.52 Epileptic seizures related to alcohol
G40.53 Epileptic seizures related to drugs
   Use additional external cause code (Chapter XX), if desired, to identify drug.
   Excludes: epileptic seizures related to psychoactive substance withdrawal (F1x.3 and F1x.4)
G40.54 Epileptic seizures related to hormonal changes
   Use additional code, if desired, to identify cause.
G40.55 Epileptic seizures related to sleep deprivation
G40.56 Epileptic seizures related to stress
G40.57 Epilepsy with special mode of precipitation [reflex epilepsy]
   Musicogenic epilepsy
   Photosensitive epilepsy
   Reading epilepsy
G40.58 Other situation-related epileptic seizures

G40.6 Grand mal seizures, unspecified (with or without petit mal)
Generalized tonic–clonic epileptic seizures (with or without seizures)

Note: This category should be used only for those conditions in which there is no additional information available that would allow appropriate classification in one of the categories G40.0–G40.5.

G40.7 Petit mal, unspecified, without grand mal seizures
Absence seizures
Note: Category G40.7 should be used only when there is insufficient information to allow the condition to be classified in G40.33 or G40.35.

G40.8 Other epilepsy
Excludes: acquired aphasia with epilepsy [Landau–Kleffner] (F80.3)
          pseudoseizures (F44.5)

G40.80 Epilepsy with continuous EEG spike-waves during slow wave sleep
          Electrical status epilepticus during sleep

G40.89 Epilepsies and epileptic syndromes, undetermined as to whether they are focal or generalized
          G40.890 Severe myoclonic epilepsy in infancy

G40.9 Epilepsy, unspecified
Epileptic:
  • convulsions NOS
  • fits NOS
  • seizures NOS
Postictal amnesia

G41 Status epilepticus

G41.0 Grand mal status epilepticus
          Tonic–clonic status epilepticus
          Excludes: epilepsy partialis continua [Kozhevnikof] (G40.50)

G41.1 Petit mal status epilepticus
          Epileptic absence status
          Nonconvulsive generalized status epilepticus

G41.2 Complex partial status epilepticus

G41.8 Other status epilepticus

G41.9 Status epilepticus, unspecified

Migraine
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: atypical facial pain (G50.1)
          headache NOS (R51)

G43 Migraine

G43.0 Migraine without aura [common migraine]

G43.1 Migraine with aura [classical migraine]
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G43.10 With typical aura
G43.11 With prolonged aura
G43.12 With acute onset aura
Use sixth character, if desired, to identify neurological symptoms:
   G43.1x0 Hemianopic and other visual migraine
   G43.1x1 Hemisensory migraine
   G43.1x2 Migraine with aphasia
   G43.1x3 Basilar migraine
   G43.1x4 Migraine aura (all types) without headache
   G43.1x5 Familial hemiplegic migraine
   G43.1x7 Multiple types of aura
   G43.1x8 Other specified migraine with aura

G43.2 Status migrainosus

G43.3 Complicated migraine
Migrainous cerebral infarction

G43.8 Other migraine
   G43.80 Ophthalmoplegic migraine
   G43.81 Retinal (monocular) migraine
   G43.82 Childhood periodic migraine syndromes
      G43.820 Abdominal migraine
      G43.821 Benign paroxysmal vertigo of childhood
      G43.822 Alternating hemiplegia of childhood
   G43.83 Atypical migraine

G43.9 Migraine, unspecified

G44 Other headache syndromes

Excludes: atypical facial pain (G50.1)
glossopharyngeal neuralgia (G52.1)
headache NOS (R51)
other cranial neuralgia (G52.8)
post-lumbar-puncture headache (G97.1)
trigeminal neuralgia (G50.0)

G44.0 Cluster headache syndrome
   G44.00 Cluster headache with periodicity undetermined
   G44.01 Episodic cluster headache
   G44.02 Chronic cluster headache
   G44.03 Chronic paroxysmal hemicrania
   G44.08 Other and atypical cluster headache

G44.1 Vascular headache, not elsewhere classified
G44.2 Tension-type headache

G44.20 Episodic tension-type headache associated with disorder of pericranial muscles
G44.21 Episodic tension-type headache without disorder of pericranial muscles
G44.22 Chronic tension-type headache with disorder of pericranial muscles
G44.23 Chronic tension-type headache without disorder of pericranial muscles
G44.28 Other tension-type headache
Atypical tension-type headache

G44.3 Chronic post-traumatic headache

G44.4 Drug-induced headache, not elsewhere classified
Use additional external cause code (Chapter XX), if desired, to identify drug.

Excludes: headache associated with psychoactive substance use (G44.83)

G44.8 Other specified headache syndromes

G44.80 Other headaches not associated with a structural lesion
G44.800 Idiopathic stabbing headache
Cephalgia fugax
Icepick headache
G44.801 External compression headache
G44.802 Cold stimulus headache
G44.803 Benign cough headache
G44.804 Benign exertional headache
G44.805 Headache associated with sexual activity
Coital (orgasmic) cephalalgia
G44.806 Idiopathic carotidynia

G44.81 Headaches associated with other vascular disorders
Use additional code (Chapter IX), if desired, to identify the vascular disorder.

Excludes: vascular headache NEC (G44.1)

G44.82 Headache associated with other intracranial disorders
Use additional code, if desired, to identify associated condition.

G44.83 Headache associated with psychoactive substance use
Use additional code, if desired, to identify substance (F10–F19) and associated condition (F1x.0–F1x.9), e.g.
harmful use (F1x.1), dependence (F1x.2), withdrawal (F1x.3 or F1x.4).

G44.84 Headache or facial pain associated with disorders of cranium, cranial and facial structures, cranial nerves, neck and spine
Use additional code, if desired, to identify associated condition(s) or cause.

G44.85 Other specified syndromes of facial and ocular pain
Excludes: atypical facial pain (G50.1)
ocular pain NOS (H57.1)
G44.850 Tolosa–Hunt syndrome
G44.851 Neck–tongue syndrome

G44.88 Headache associated with other specified disorders
Use additional code, if desired, to indicate associated condition.
Excludes: post-lumbar-puncture headache (G97.0)

G45 Transient cerebral ischaemic attacks and related syndromes
Excludes: neonatal cerebral ischaemia (P91.0)

Use additional fifth character, if desired, to indicate side of ischaemia:
G45.x0 Left
G45.x1 Right
G45.x2 Left and right (symmetrical)

G45.0 Vertebro-basilar artery syndrome
Subclavian steal syndrome

G45.1 Carotid artery syndrome (hemispheric)
Excludes: amaurosis fugax (G45.3)

G45.2 Multiple and bilateral precerebral artery syndromes
Bilateral episodes in non-symmetrical territories
Unilateral episodes in different territories (vertebro-basilar and carotid)
Excludes: symmetrical (G45.x2)

G45.3 Amaurosis fugax

G45.4 Transient global amnesia
Excludes: amnesia NOS (R41.3)

G45.8 Other transient cerebral ischaemic attacks and related syndromes
ICD-NA

G45.9 Transient cerebral ischaemic attack, unspecified
Spasm of cerebral artery
Transient cerebral ischaemia NOS

**G46** Vascular syndromes of brain in cerebrovascular diseases (I60–I67†)

*Excludes:* clinically silent cerebral infarction (R90.83)

Use additional sixth character, if desired, to indicate side of lesion:
- G46.xx0 Left
- G46.xx1 Right
- G46.xx2 Left and right (symmetrical)

For multiple specified vascular syndromes of the brain, code each one separately.

**G46.0** Middle cerebral artery syndrome (I66.0†)
- G46.00* Superficial middle cerebral artery syndrome (cortical)
- G46.01* Deep middle cerebral artery syndrome (lenticulostriate)
- G46.02* Combined deep and superficial middle cerebral artery syndrome (total)

**G46.1** Anterior cerebral artery syndrome (I66.1†)
- G46.10* Superficial anterior cerebral artery syndrome (cortical)
- G46.11* Deep anterior cerebral artery syndrome [Heubner]
- G46.12* Combined deep and superficial anterior cerebral artery syndrome (total)

**G46.2** Posterior cerebral artery syndrome (I66.2†)
- G46.20* Superficial posterior cerebral artery syndrome (occipital syndrome)
- G46.21* Deep posterior cerebral artery syndrome (thalamic syndrome)
- G46.22* Combined deep and superficial posterior cerebral artery syndrome (total)

**G46.3** Brain stem stroke syndrome (I60–I67†)
- G46.30* Peduncular syndrome [Benedikt] [Claude] [peduncular-Foville] [Weber]
- G46.31* Pontine syndrome [pontine-Foville] [Millard–Gubler]
- G46.32* Medullary syndrome [Wallenberg]
- G46.37* Multiple, overlapping or bilateral brain stem stroke syndrome
- G46.38* Other specified brain stem stroke syndromes
G46.4* Cerebellar stroke syndrome (I60–I67†)
G46.40* Superior cerebellar artery syndrome
G46.41* Anterior–inferior cerebellar artery syndrome
G46.42* Posterior–inferior cerebellar artery syndrome
G46.43* Pseudo-tumoral cerebellar infarction syndrome
G46.47* Multiple, overlapping or bilateral cerebellar infarction syndrome

G46.5* Pure motor lacunar syndrome (I60–I67†)
G46.50* Proportional pure motor lacunar syndrome
G46.51* Partial pure motor lacunar syndrome
G46.52* “Pure” motor lacunar syndrome with accompanying symptoms other than sensory

G46.6* Pure sensory lacunar syndrome (I60–I67†)
G46.60* Pure paraesthetic sensory lacunar syndrome
G46.61* Pure sensory lacunar syndrome with objective sensory deficit
G46.62* Pure sensory lacunar syndrome with pain

G46.7* Other lacunar syndromes (I60–I67†)
G46.70* Sensory motor stroke
G46.71* Dysarthria–clumsy hand syndrome
G46.72* Crural hemiparesis with homolateral ataxia
G46.73* Pseudobulbar lacunar syndrome
G46.77* Multiple and bilateral lacunae (lacunar state)

Excludes: causing parkinsonism (G22.1)
causing vascular dementia (F01.2)

G46.8* Other vascular syndromes of brain in cerebrovascular diseases (I60–I67†)
G46.80* Anterior choroidal artery syndrome
G46.81* Anterior superficial junctional syndrome
G46.82* Posterior superficial junctional syndrome
G46.83* Subcortical junctional syndrome
G46.84* Tuberothalamic artery syndrome
G46.87* Multiple vascular syndromes of brain NOS

G47 Sleep disorders
Excludes: nocturnal myoclonus (G25.80)
nonorganic sleep disorders (F51.–)
sleep terrors (F51.4)
sleepwalking (F51.3)
G47.0 Disorders of initiating and maintaining sleep [insomnias]
Excludes: altitudinal insomnia (T70.2)

G47.1 Disorders of excessive somnolence [hypersomnias]
Idiopathic hypersomnia

G47.2 Disorders of the sleep–wake schedule
G47.20 Transient sleep–wake schedule disorder
G47.21 Advanced sleep phase disorder
G47.22 Delayed sleep phase syndrome
G47.23 Irregular sleep–wake pattern
G47.24 Non-24-hour sleep–wake cycle
G47.28 Other disorders of the sleep–wake schedule

G47.3 Sleep apnoea
Sleep-related respiratory failure [Ondine]
Excludes: pickwickian syndrome (E66.2)
G47.30 Alveolar hypoventilation syndrome
G47.31 Central sleep apnoea
G47.32 Obstructive sleep apnoea
G47.38 Other sleep apnoea

G47.4 Narcolepsy and cataplexy
G47.40 Narcolepsy
G47.41 Cataplexy
G47.42 Sleep paralysis
G47.43 Hypnogogic or hypnopompic hallucinations
G47.44 Any combination of narcolepsy, cataplexy, hypnogogic or hypnopompic hallucinations and sleep paralysis
G47.48 Other forms of narcolepsy and cataplexy

G47.8 Other sleep disorders
Excludes: other sudden death, cause unknown (R96.–)
sleep apnoea (G47.3)
• newborn (R96.–)
sudden infant death syndrome (R95)
G47.80 Other REM-sleep-related parasomnias
Excludes: nightmares (F51.5)
sleep paralysis G47.42
G47.800 REM-sleep-related behaviour disorder
[phantasmagorias]
G47.801 Impaired REM-sleep-related non-painful penile erections
G47.802 REM-sleep-related painful erections
G47.803  REM-sleep-related cardiac sinus arrest
G47.804  REM-sleep-related headache
Use additional code, if required, to indicate type of headache.

G47.81  Other non-REM-sleep-related parasomnias
Excludes: benign neonatal sleep myoclonus (G25.37)

G47.810  Sleep-related bruxism
G47.811  Sleep-related enuresis

G47.812  Non-REM-sleep-related abnormal swallowing syndrome
G47.813  Nocturnal paroxysmal dystonia

G47.82  Sleep arousal disorders
Confusional arousals
Sleep drunkenness

G47.83  Sleep–wake transition disorders
Excludes: nocturnal leg cramps (R25.20)
G47.830  Sleep-related rhythmic movement disorder
Head-banging [jactatio capitis nocturnus]

G47.831  Sleep starts
G47.832  Sleeptalking

G47.84  Kleine–Levin syndrome
Recurrence hypersomnia

G47.88  Other specified sleep disorders

G47.9  Sleep disorder, unspecified

Nerve, nerve root and plexus disorders
(G50–G59)

Excludes: current traumatic nerve, nerve root and plexus disorders — see
nerve injury by body region (S04.–, S14.–, S24.–, S34.–, S44.–,
S54.–, S64.–, S74.–, S84.–, S94.–)

neuralgia
neuritis } NOS (M79.2)

peripheral neuritis in pregnancy (O26.8)
radiculitis NOS (M54.1)

G50  Disorders of trigeminal nerve
Includess: disorders of 5th cranial nerve

G50.0  Trigeminal neuralgia
Includess: syndrome of paroxysmal facial pain
tic douloureux
Excludes: postherpetic trigeminal neuralgia (B02.2)
    postzoster trigeminal neuralgia (B02.2)
trigeminal neuropathy:
  • idiopathic (G50.80)
  • secondary NOS (G50.81)

G50.00  Idiopathic trigeminal neuralgia
G50.09  Secondary trigeminal neuralgia, unspecified

G50.1  Atypical facial pain

G50.8  Other disorders of trigeminal nerve
Excludes: benign neoplasm of trigeminal nerve (D33.33)
          malignant neoplasm of trigeminal nerve (C72.51)

G50.80  Idiopathic trigeminal neuropathy
G50.81  Secondary trigeminal neuropathy NOS

G50.9  Disorder of trigeminal nerve, unspecified

G51  Facial nerve disorders
Includes: disorders of 7th cranial nerve

G51.0  Bell’s palsy
Includes: facial palsy
Excludes: facial hemiatrophy [Romberg] (Q67.4)

G51.00  Idiopathic acute facial nerve palsy
G51.01  Familial acute facial nerve palsy
G51.02  Familial recurrent facial nerve palsy
G51.08  Other specified facial nerve palsy

G51.1  Geniculate ganglionitis
Excludes: postherpetic geniculate ganglionitis (B02.2)

G51.2  Melkersson’s syndrome
       Melkersson–Rosenthal syndrome

G51.3  Clonic hemifacial spasm

G51.4  Facial myokymia

G51.8  Other disorders of facial nerve
Excludes: facial hemiatrophy [Romberg] (Q67.4)

G51.9  Disorder of facial nerve, unspecified
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**G52 Disorders of other cranial nerves**

*Excludes:* disorders of:
- acoustic [8th] nerve (H93.3)
- oculomotor nerves (H49.0–H49.3)
- optic [2nd] nerve (H46, H47.0)
- paralytic strabismus due to nerve palsy (H49.0–H49.2)

Use sixth character, if desired, to indicate:
- G52.xx0 Unilateral
- G52.xx1 Bilateral

**G52.0 Disorders of olfactory nerve**
Disorder of 1st cranial nerve

*Excludes:* idiopathic:
- anosmia (R43.0)
- parosmia (R43.1)

**G52.1 Disorders of glossopharyngeal nerve**

*Includes:* disorder of 9th cranial nerve

*Excludes:* oculopalatal myoclonus (G25.33)

- G52.10 Idiopathic glossopharyngeal neuralgia
- G52.18 Other specified disorders of glossopharyngeal nerve

**G52.2 Disorders of vagus nerve**

*Includes:* disorder of pneumogastric [10th] cranial nerve

*Excludes:* paralysis of vocal cords and larynx (J38.0)

- G52.20 Superior laryngeal neuralgia
- G52.28 Other specified disorders of vagus nerve

**G52.3 Disorders of hypoglossal nerve**

*Includes:* disorder of 12th cranial nerve

- G52.30 Idiopathic hypoglossal neuropathy
- G52.38 Other specified disorders of hypoglossal nerve

**G52.7 Disorders of multiple cranial nerves**
Polyneuritis cranialis

**G52.8 Disorders of other specified cranial nerves**

- G52.80 Occipital neuralgia [Arnold]
- G52.81 Disorders of accessory nerve
  - Disorders of 11th cranial nerve

**G52.9 Cranial nerve disorder, unspecified**
G53* Cranial nerve disorders in diseases classified elsewhere

G53.0* Postzoster neuralgia (B02.2†)
  G53.00* Acute trigeminal herpes zoster neuropathy
  G53.01* Postzoster trigeminal neuralgia
  G53.02* Acute glossopharyngeal herpes zoster neuropathy
  G53.03* Postzoster glossopharyngeal neuralgia
  G53.04* Acute herpetic geniculate ganglionitis
  G53.05* Postherpetic geniculate ganglionitis
  G53.06* Ocular nerve palsy due to herpes zoster

G53.1* Multiple cranial nerve palsies in infectious and parasitic diseases classified elsewhere (A00–B99†)

G53.2* Multiple cranial nerve palsies in sarcoidosis (D86.8†)

G53.3* Multiple cranial nerve palsies in neoplastic disease (C00–D48†)

G53.8* Other cranial nerve disorders in other diseases classified elsewhere
  G53.80* Other trigeminal (5th cranial) nerve disorder in other diseases classified elsewhere
  G53.81* Facial (7th cranial) nerve disorder in other diseases classified elsewhere
  G53.82* Olfactory (1st cranial) nerve disorder in other diseases classified elsewhere
  G53.83* Glossopharyngeal (9th cranial) nerve disorder in other diseases classified elsewhere
  G53.84* Vagus (10th cranial) nerve disorder in other diseases classified elsewhere
  G53.85* Hypoglossal (12th cranial) nerve disorder in other diseases classified elsewhere
  G53.87* Multiple cranial nerve disorder in other diseases classified elsewhere

G54 Nerve root and plexus disorders

Excludes: current traumatic nerve root and plexus disorders — see nerve injury by body region

Intervertebral disc disorders (M50–M51)

Neuralgia or neuritis NOS (M79.2)
neuritis or radiculitis:
- brachial NOS
- lumbar NOS
- lumbosacral NOS
- thoracic NOS
- radiculitis NOS
- radiculopathy NOS
- spondylosis (M47.-)

G54.0 **Brachial plexus disorders**

*Excludes:* idiopathic brachial plexopathy [neuralgic amyotrophy] [Parsonage–Aldren–Turner] (G54.5)

- G54.00 Post-radiation (radiation-induced) brachial plexopathy
- G54.01 Thoracic outlet syndrome due to cervical rib
- G54.02 Thoracic outlet syndrome due to other anatomical abnormality
- G54.03 Brachial plexus lesion due to vasculitis
- G54.04 Brachial plexus lesion due to diabetes mellitus
- G54.05 Brachial plexus lesion due to inflammatory neuropathy
  - Classify under inflammatory polyneuropathy (G61.-) if there are other lesions in addition to brachial plexus.
- G54.08 Other brachial plexus lesions

G54.1 **Lumbosacral plexus disorders**

- G54.10 Postradiation (radiation-induced) lumbosacral plexopathy
- G54.11 Inflammatory lumbosacral plexopathy
- G54.12 Vasculitic lumbosacral plexopathy
- G54.13 Lumbosacral plexopathy due to diabetes mellitus
- G54.14 Idiopathic lumbosacral plexopathy
- G54.18 Other lumbosacral plexus disorders

G54.2 **Cervical root disorders, not elsewhere classified**

G54.3 **Thoracic root disorders, not elsewhere classified**

G54.4 **Lumbosacral root disorders, not elsewhere classified**

G54.5 **Neuralgic amyotrophy**

*Includes:* idiopathic brachial plexopathy [Parsonage–Aldren–Turner]
- shoulder-girdle neuritis
G54.50 Sporadic acute brachial plexopathy
G54.51 Familial acute or recurrent brachial plexopathy

G54.6 Phantom limb syndrome with pain

G54.7 Phantom limb syndrome without pain
Phantom limb syndrome NOS

G54.8 Other nerve root and plexus disorders
G54.80 Nerve root cysts
Perineural cysts
Tarlov cysts
G54.81 Nerve root avulsion
Use additional code (S14.2 and S24.2), if desired, to indicate injury.
G54.82 Radiculo-plexopathy
Use additional code, if desired, to indicate cause, e.g. cytomegalovirus (B25.-).
G54.83 Radiculo-myelopathy
Use additional code, if desired, to indicate cause, e.g. cytomegalovirus (B25.-).

G54.9 Nerve root and plexus disorder, unspecified
G54.90 Nerve root disorder NOS
G54.91 Nerve plexus disorder NOS

G55* Nerve root and plexus compressions in diseases classified elsewhere
Use additional fifth character, if desired, to define location:
G55.x0 Cervical root
G55.x1 Thoracic root
G55.x2 Lumbar root
G55.x3 Sacral root
G55.x4 Cervical plexus
G55.x5 Brachial plexus
G55.x6 Lumbar plexus
G55.x7 Sacral plexus
G55.x8 Splanchnic plexus
G55.x9 Presacral plexus

Use additional sixth character, if desired, to define root level. G55.xx0 to G55.xx8 may be used for appropriately numbered cervical, thoracic, lumbar, sacral and coccygeal roots, for instance:
G55.0* Nerve root and plexus compressions in neoplastic disease
(C00–D48†)

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

G55.2* Nerve root and plexus compressions in spondylosis
(M47.–†)

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

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

G56 Mononeuropathies of upper limb

Excludes: current traumatic nerve disorder — see nerve injury by
 body region

G56.0 Carpal tunnel syndrome

G56.1 Other lesions of median nerve

G56.2 Lesion of ulnar nerve

G56.20 Ulnar nerve lesion in axilla
G56.21 Tardy ulnar nerve palsy (post-humeral fracture)
G56.22 Ulnar nerve cubital tunnel syndrome
G56.23 Ulnar nerve lesion at wrist
 Guyon’s canal syndrome
G56.24 Ulnar nerve lesion in palm
Lesion of deep branch of ulnar nerve
G56.28 Other lesions of ulnar nerve

G56.3 Lesion of radial nerve
G56.30 Radial nerve lesion in axilla
G56.31 Radial nerve lesion in radial groove
G56.32 Radial nerve posterior interosseous syndrome
G56.33 Superficial radial nerve lesion
G56.38 Other lesions of radial nerve

G56.4 Causalgia

G56.8 Other mononeuropathies of upper limb
G56.80 Lesion of musculocutaneous nerve
G56.81 Interdigital neuroma of upper limb

G56.9 Mononeuropathy of upper limb, unspecified

G57 Mononeuropathies of lower limb
Excludes: current traumatic nerve disorder — see nerve injury by body region

G57.0 Lesion of sciatic nerve
Excludes: sciatica:
• NOS (M54.3)
• attributed to intervertebral disc disorder (M51.1)

G57.00 Lesion of gluteal nerve
G57.01 Sciatic nerve pyriformis syndrome
G57.02 Lesion of sciatic nerve in thigh
G57.08 Other lesions of sciatic nerve

G57.1 Meralgia paraesthetica
Lateral cutaneous nerve of thigh syndrome

G57.2 Lesion of femoral nerve
G57.20 Femoral nerve lesion in abdomen
G57.21 Femoral nerve lesion in thigh
G57.22 Lesion of saphenous nerve

G57.3 Lesion of lateral popliteal nerve
Includes: peroneal nerve palsy
G57.30 Lesion of superficial peroneal nerve
G57.31 Lesion of deep peroneal nerve
G57.4 Lesion of medial popliteal nerve
   G57.40 Lesion of medial popliteal nerve at knee
   G57.41 Lesion of medial popliteal nerve in calf
   G57.42 Lesion of sural nerve

G57.5 Tarsal tunnel syndrome

G57.6 Lesion of plantar nerve
   G57.60 Lesion of lateral plantar nerve
   G57.61 Lesion of medial plantar nerve
   G57.62 Morton's metatarsalgia

G57.8 Other mononeuropathies of lower limb
   G57.80 Lesion of genitofemoral nerve
   G57.81 Lesion of ilioinguinal nerve
   G57.82 Lesion of pudendal nerve
   G57.83 Interdigital neuroma of lower limb

G57.9 Mononeuropathy of lower limb, unspecified

G58 Other mononeuropathies

G58.0 Intercostal neuropathy

G58.7 Mononeuritis multiplex

G58.8 Other specified mononeuropathies
   G58.80 Lesion of phrenic nerve
   G58.81 Traumatic neuroma
   Excludes: interdigital neuroma of:
   • lower limb (G57.84)
   • upper limb (G56.81)
   • neuroma of plantar nerve (G57.6)
   G58.82 Lesion of suprascapular nerve
   G58.83 Lesion of axillary nerve
   G58.84 Lesion of long thoracic nerve

G58.9 Mononeuropathy, unspecified

G59† Mononeuropathy in diseases classified elsewhere

G59.0† Diabetic mononeuropathy (E10–E14† with common fourth character .4)

G59.8† Other mononeuropathies in diseases classified elsewhere
    Mononeuropathy in (due to):
    • leprosy (A30.–†)
• radiation (G97.80†)
• vasculitis (M30.−†, M31.−†)
• zoster (B02.2†)

Polyneuropathies and other disorders of the peripheral nervous system (G60–G64)

Excludes: acute poliomyelitis (A80.–)
neuralgia NOS (M79.2)
neuritis NOS (M79.2)
peripheral neuritis in pregnancy (O26.8)
radiculitis NOS (M54.1)

G60.0 Hereditary motor and sensory neuropathy
Excludes: hereditary motor and sensory neuropathy, type IV [Reifsum] (G60.1)

G60.00 Type I: Charcot–Marie–Tooth disease, hypertrophic demyelinating type
Peroneal muscular atrophy, hypertrophic type
G60.01 Type II: Charcot–Marie–Tooth disease, neuronal type
Peroneal muscular atrophy, axonal type
G60.02 Type III: hypertrophic demyelinating neuropathy of infancy [Déjerine–Sottas]
G60.03 Type V: hereditary spastic paraplegia with motor and sensory neuropathy
G60.04 Type VI: hereditary motor and sensory neuropathy with optic atrophy
G60.05 Type VII: hereditary motor and sensory neuropathy with retinitis pigmentosa
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G60.06 Roussy–Lévy syndrome
G60.08 Other types of hereditary motor and sensory neuropathy

G60.1 Refsum's disease
Hereditary motor and sensory neuropathy, type IV
Hereditary phytanic acidaemia
Excludes: infantile Refsum's disease (E80.300)

G60.2 Neuropathy in association with hereditary ataxia

G60.3 Idiopathic progressive neuropathy
G60.30 Diffuse posterior root ganglion degeneration
G60.31 Segmental posterior root ganglion degeneration

G60.8 Other hereditary and idiopathic neuropathies
Excludes: familial dysautonomia [Riley–Day] (G90.1)
G60.80 Hereditary sensory and autonomic neuropathy, type I
G60.81 Hereditary sensory and autonomic neuropathy, type II
G60.82 Hereditary sensory and autonomic neuropathy, type III
G60.83 Hereditary sensory and autonomic neuropathy, type IV
Congenital insensitivity to pain, anhidrosis and mental retardation [Swanson]
G60.84 Hereditary sensory and autonomic neuropathy, type V
Congenital sensory neuropathy with selective loss of pain perception [Low]
G60.85 Familial giant axonal neuropathy
G60.86 Neuropathy associated with multiple endocrine neoplasia, type 2B
G60.87 Hereditary pressure-sensitive neuropathy
Inherited tendency to develop pressure palsies
Tomaculous neuropathy

G60.9 Hereditary and idiopathic neuropathy, unspecified

G61 Inflammatory polyneuropathy

G61.0 Guillain–Barré syndrome
Includes: acute (post-)infective polyneuritis
Use additional code, if desired, to identify cause.

G61.00 Predominantly motor Guillain–Barré syndrome
G61.01 Guillain–Barré syndrome with severe autonomic involvement
G61.02 Guillain–Barré syndrome with significant sensory involvement
G61.03 Guillain–Barré syndrome with ophthalmoplegia
   Descending type with ophthalmoplegia and ataxia [Fisher]

G61.1 Serum neuropathy
   Use additional external cause code (Chapter XX), if desired, to identify cause.

G61.8 Other inflammatory polyneuropathies
   Excludes: acute pandysautonomia (G90.00)
               progressive dorsal root degeneration (G60.3)
   G61.80 Progressive chronic inflammatory demyelinating polyneuropathy
   G61.81 Relapsing–remitting chronic inflammatory demyelinating polyneuropathy
   G61.82 Sensory perineuritis
   G61.83 Acute sensory polyneuropathy

G61.9 Inflammatory polyneuropathy, unspecified

G62 Other polyneuropathies
   Excludes: neuropathic heredofamilial amyloidosis (E85.1)

G62.0 Drug-induced polyneuropathy
   Use additional external cause code (Chapter XX), if desired, to identify drug.

G62.1 Alcoholic polyneuropathy

G62.2 Polyneuropathy due to other toxic agents
   Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

G62.8 Other specified polyneuropathies
   Use additional external cause code (Chapter XX), if desired, to identify cause.
   G62.80 Postradiation (radiation-induced) polyneuropathy
   G62.81 Small fibre neuropathy NOS
G62.9  Polyneuropathy, unspecified
Neuropathy NOS

G63+  Polyneuropathy in diseases classified elsewhere

G63.0+  Polyneuropathy in infectious and parasitic diseases classified elsewhere
Polyneuropathy (in):
• diphtheria (A36.8+)
• hepatitis B infection (B16.−−, B18.−−)
• HIV disease (B23.8+)
• infectious mononucleosis (B27.−−)
• leprosy (A30.−−)
• Lyme disease (A69.2+)
• mumps (B26.8+)
• postherpetic (B02.2+)
• shigellosis (A03.−−)
• syphilis, late (A52.1+)
  • congenital (A50.4+)
• tuberculous (A17.8+)
• typhoid fever (A01.0+)
• zoster (B02.2+)

G63.1+  Polyneuropathy in neoplastic disease (C00–D48+)

G63.2+  Diabetic polyneuropathy (E10–E14+ with common fourth character .4)

G63.3+  Polyneuropathy in other endocrine and metabolic diseases (E00–E06+, E15–E16+, E20–E34+, E70–E89+)
Polyneuropathy in:
• amyloidosis (E85.1+)
• xanthoma tuberosum (E78.26+)

G63.4+  Polyneuropathy in nutritional deficiency (E40–E64+)
Polyneuropathy in vitamin B12 deficiency (E53.80+)

G63.5+  Polyneuropathy in systemic connective tissue disorders (M30–M35+)

G63.6+  Polyneuropathy in other musculoskeletal disorders (M00–M25+, M40–M96+)
Polyneuropathy in rheumatoid arthritis (M05.3+)

G63.8+  Polyneuropathy in other diseases classified elsewhere
Polyneuropathy in:
• chronic hepatic failure (K72.−−)
• ciguatera fish poisoning (T61.0+)
• critical illness, e.g. asphyxiation (R09.0†); cardiac arrest with successful resuscitation (I46.0†); septic shock (A41.9†)
• sarcoidosis (D86.88†)
• uraemic neuropathy (N18.8†)

G64 Other disorders of peripheral nervous system
Includes: disorder of peripheral nervous system NOS

G64.–0 Generalized myokymia
G64.–1 Myokymia, hyperhidrosis, impaired muscle relaxation syndrome
G64.–2 Focal myokymia

Diseases of myoneural junction and muscle (G70–G73)

G70 Myasthenia gravis and other myoneural disorders
Excludes: botulism (A05.1)
transient neonatal myasthenia gravis (P94.0)

Use sixth character for topography, if desired:
G70.xx0 Ocular
G70.xx1 Bulbar
G70.xx2 Mild generalized
G70.xx3 Severe generalized

G70.0 Myasthenia gravis
G70.00 Acquired idiopathic autoimmune myasthenia gravis
G70.01 Myasthenia gravis associated with thymoma
G70.02 Myasthenia gravis associated with other autoimmune diseases
G70.03 Penicillamine-induced myasthenia gravis
G70.08 Other myasthenia gravis
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

G70.1 Toxic myoneural disorders
Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

G70.2 Congenital and developmental myasthenia
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G70.20  Congenital endplate acetylcholinesterase deficiency
G70.21  Congenital endplate acetylcholine receptor deficiency
G70.22  Congenital slow channel syndrome
G70.23  Congenital myasthenia with presynaptic defect
G70.24  Familial infantile myasthenia
G70.25  Limb-girdle myasthenia, familial
G70.26  Limb-girdle myasthenia, nonfamilial
G70.28  Other specified congenital or developmental myasthenia

G70.8  Other specified myoneural disorders
G70.80  Eaton–Lambert syndrome unassociated with neoplasm

G70.9  Myoneural disorder, unspecified

G71  Primary disorders of muscles

Excludes: arthrogryposis multiplex congenita (Q74.3)
dermatopolymyositis (M33.–)
metabolic disorders (E70–E90)
myositis (M60.–)

G71.0  Muscular dystrophy

Excludes: congenital myopathy:
• NOS (G71.2)
• with specific morphological abnormalities of the muscle fibre (G71.2)

G71.00  Benign dystrophin-deficient Becker-type muscular dystrophy
G71.01  Benign scapuloperoneal muscular dystrophy with early contractures [Emery–Dreifuss]
G71.02  Facioscapulohumeral muscular dystrophy [Landouzy–Déjerine]
G71.03  Limb-girdle muscular dystrophy [Erb]
G71.04  Ocular muscular dystrophy
G71.05  Oculopharyngeal muscular dystrophy
G71.06  Scapuloperoneal muscular dystrophy
G71.07  Severe dystrophin-deficient Duchenne-type muscular dystrophy
G71.08  Other muscular dystrophy

G71.080  Autosomal recessive muscular dystrophy, childhood type, resembling Duchenne/Becker
G71.081 Distal muscular dystrophy  
Distal myopathy
G71.082 Humeroperoneal muscular dystrophy with early  
contractures
G71.083 Muscular dystrophy with excessive autophagy  
G71.084 Congenital muscular dystrophy with central  
nervous system abnormalities [Fukuyama]
G71.085 Congenital muscular dystrophy without central  
nervous system abnormalities

G71.1 Myotonic disorders

G71.10 Chondrodystrophic myotonia [Schwartz–Jampel]
G71.11 Drug-induced myotonia  
Use additional external cause code (Chapter XX), if  
desired, to identify drug.
G71.12 Dystrophia myotonica [Steinert]
G71.120 Neonatal dystrophia myotonica  
G71.121 Juvenile onset dystrophia myotonica  
G71.122 Adult onset dystrophia myotonica
G71.13 Myotonia congenita  
G71.130 Myotonia congenita, dominant [Thomsen]  
G71.131 Myotonia congenita, recessive [Becker]
G71.14 Neuromyotonia [Isaacs]
G71.15 Paramyotonia congenita
G71.16 Pseudomyotonia
G71.18 Other myotonic disorders  
Symptomatic myotonia  
Use additional code, if desired, to identify the primary  
cause.

G71.2 Congenital myopathies

G71.20 Central core disease
G71.21 Fibre-type disproportion  
G71.22 Multicore (minicore) disease
G71.23 Centronuclear myopathy  
*Includes:* myotubular myopathy  
G71.230 Centronuclear myopathy with type I fibre  
hypotrophy
G71.24 Nemaline myopathy
G71.25 Myopathy with tubular aggregates
G71.26 Fingerprint body myopathy
G71.28 Other congenital myopathies  
G71.280 Sarcotubular myopathy
G71.281 Reducing body myopathy
G71.3 Mitochondrial myopathy, not elsewhere classified

*Excludes:* defects of mitochondrial respiratory chain (E88.83)
Kearns–Sayre syndrome (H49.8)
myoclonic epilepsy with ragged red fibres (MERRF) (G40.46)

- G71.30 Mitochondrial myopathy with cytochrome c oxidase deficiency
- G71.31 Mitochondrial myopathy with coenzyme Q deficiency
- G71.32 Mitochondrial myopathy with complex I deficiency
- G71.33 Luft's disease
- G71.34 Other ocular myopathy with mitochondrial abnormalities
- G71.35 Mitochondrial encephalopathy with lactic acidosis and stroke-like episodes (MELAS)
- G71.38 Other specified types of mitochondrial myopathy

G71.8 Other primary disorders of muscles

- G71.80 Myopathies with specific structural abnormalities
  *Excludes:* congenital myopathies (G71.2)
- G71.800 Myopathy with cytoplasmic bodies
- G71.801 Myopathy with cylindrical bodies
- G71.802 Myopathy with zebra bodies
- G71.803 Myopathy with rimmed vacuoles
- G71.804 Myopathy with spheromembranous bodies
- G71.805 Familial granulovacuolar myopathy with electrical myotonia
- G71.806 Myoscleriosis
- G71.807 Type I muscle fibre atrophy
- G71.808 Type II muscle fibre atrophy

- G71.81 Ocular myopathy
  Oculocraniosomatic myopathy
  *Excludes:* ocular muscular dystrophy (G71.04)
  ocular myopathy with mitochondrial abnormalities (G71.35)
  oculopharyngeal muscular dystrophy (G71.05)

- G71.82 Monomelic hypertrophic myopathy
- G71.83 Hypertrophic brachial myopathy
- G71.84 Malignant hyperthermia
  Malignant hyperpyrexia
  *Excludes:* malignant neuroleptic syndrome (G21.0)
G71.85  Myopathy with deficiency of sarcotubular calcium binding [Brodie]
G71.86  Quadriceps myopathy

G71.9  Primary disorder of muscle, unspecified
       Hereditary myopathy NOS

G72  Other myopathies

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

G72.0  Drug-induced myopathy
       Use additional external cause code (Chapter XX), if desired, to identify drug.

G72.1  Alcoholic myopathy
       G72.10  Acute alcoholic myopathy
       G72.11  Chronic alcoholic neuromyopathy

G72.2  Myopathy due to other toxic agents
       Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

G72.3  Periodic paralysis
       G72.30  Familial hypokalaemic periodic paralysis
       G72.31  Familial hyperkalaemic periodic paralysis
       G72.32  Familial normokalaemic periodic paralysis
       G72.33  Periodic paralysis associated with hyperthyroidism
       G72.34  Secondary periodic paralysis due to hypokalaemia
       G72.35  Secondary periodic paralysis due to hyperkalaemia
       G72.36  Periodic paralysis with cardiac arrhythmias
       G72.38  Other periodic paralysis

G72.4  Inflammatory myopathy, not elsewhere classified
       Use additional code, if desired, to identify cause, e.g. HIV disease (B23.8).

G72.8  Other specified myopathies

Excludes:
- disorders of muscle tone of newborn (P94.–)
- Volkmann’s ischaemic contracture (T79.6)

G72.80  Secondary rhabdomyolysis [myoglobinuria]
       Use additional code, if desired, to identify any associated condition, e.g. acute poliomyelitis (A80.–);
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dermatomyositis (M33.0-M33.1); drug-induced myopathy (G72.0); metabolic diseases of muscle causing rhabdomyolysis (E70-E90); polymyositis (M33.2).

G72.9 Myopathy, unspecified

G73 Disorders of myoneural junction and muscle in diseases classified elsewhere

G73.0 Myasthenic syndromes in endocrine diseases
Myasthenic syndromes in:
• diabetic amyotrophy (E10–E14† with common fourth character 4)
• thyrotoxicosis [hyperthyroidism] (E05.–†)

G73.1 Eaton–Lambert syndrome (C80†)
Excludes: Eaton–Lambert syndrome unassociated with neoplasm (G70.80)

G73.2 Other myasthenic syndromes in neoplastic disease (C00–D48†)

G73.3 Myasthenic syndromes in other diseases classified elsewhere

G73.4 Myopathy in infectious and parasitic diseases classified elsewhere

G73.5 Myopathy in endocrine diseases
Includes: myopathy (in) (due to):
• acromegaly (E22.0†)
• Cushing’s syndrome (E24.–†)
• hyperparathyroidism (E21.–†)
• hyperthyroidism (E05.–†)
• hypoadrenalism (E27.1†, E27.3–E27.4†)
• hypoparathyroidism (E20.–†)
• hypothyroidism (E00–E03†)

Excludes: drug-induced corticosteroid myopathy (G72.0)

G73.50 Ocular myopathy in hyperthyroidism (E05.0†)
Dysthyroid ophthalmoplegia (orbitopathy)

G73.6 Myopathy in metabolic diseases
Myopathy in:
• carnitine deficiency (E71.32†)
• glycogen storage disease (E74.0†)
• hydroxymethylglutaryl-CoA lyase deficiency (E71.30†)
• isovaleryl-CoA dehydrogenase deficiency (E71.11†)
• lactate dehydrogenase deficiency (E74.86†)
• lipid storage disorders (E75.†)
• mannose-6-phosphate isomerase deficiency (E74.83†)
• methylmalonyl-CoA mutase deficiency (E71.12†)
• multiple-chain acyl-CoA dehydrogenase deficiency (E88.820†)
• phosphoglycerate kinase deficiency (E74.85†)
• phosphoglycerate mutase deficiency (E74.84†)

G73.7* Myopathy in other diseases classified elsewhere
Includes: myopathy in:
• amyloidosis (E85.†)
• carcinoid syndrome (E34.0†)
• intrauterine exposure to toxins (P04.†)
• nutritional deficiencies (E40–E64†)
• osteomalacia (M83.†)
• polyarteritis nodosa (M30.0†)
• rheumatoid arthritis (M05.3†)
• sarcoidosis (D86.88†)
• scleroderma (M34.8†)
• sicca syndrome [Sjögren] (M35.0†)
• syphilis (A51.4†, A52.7†)
• systemic lupus erythematosus (M32.1†)
• thalassemia (D56.†)
• trauma and ischaemia (T79.6†)
• vitamin D deficiency (E55.†)

G73.70* Muscle wasting in diseases classified elsewhere
Muscle wasting (in) (due to):
• cachexia NOS (R64†)
• disuse atrophy (M62.5†)
• immobility syndrome (M62.3†)
• malignant cachexia (C80†)
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Cerebral palsy and other paralytic syndromes (G80–G83)

G80  **Infantile cerebral palsy**

*Includes:* Little's disease  
*Excludes:* hereditary spastic paraplegia (G11.4)

G80.0  **Spastic cerebral palsy**  
Congenital spastic paralysis (cerebral)

G80.1  **Spastic diplegia**

G80.2  **Infantile hemiplegia**

G80.3  **Dyskinetic cerebral palsy**  
Athetoid cerebral palsy

G80.4  **Ataxic cerebral palsy**

G80.8  **Other infantile cerebral palsy**  
Mixed cerebral palsy syndromes

G80.9  **Infantile cerebral palsy, unspecified**  
Cerebral palsy NOS

G81  **Hemiplegia**

*Note:* For primary coding, this category is to be used only when hemiplegia (complete)(incomplete) is reported without further specification, or is stated to be old or longstanding but of unspecified cause. The category is also for use in multiple coding to identify these types of hemiplegia resulting from any cause.

*Excludes:* congenital and infantile cerebral palsy (G80.–)

G81.0  **Flaccid hemiplegia**

G81.1  **Spastic hemiplegia**

G81.9  **Hemiplegia, unspecified**

G82  **Paraplegia and tetraplegia**

*Note:* For primary coding, this category is to be used only when the listed conditions are reported without further specification, or are stated to be old or longstanding but of unspecified cause. The category is also for use in multiple coding to identify these conditions resulting from any cause.

*Excludes:* congenital and infantile cerebral palsy (G80.–)
G82.0 Flaccid paraplegia
G82.1 Spastic paraplegia
   Excludes: tropical spastic paraplegia (G04.1)
G82.2 Paraplegia, unspecified
   Paralysis of both lower limbs NOS
   Paraplegia (lower) NOS
G82.3 Flaccid tetraplegia
G82.4 Spastic tetraplegia
G82.5 Tetraplegia, unspecified
   Quadriplegia NOS

G83 Other paralytic syndromes

   Note: For primary coding, this category is to be used only when
   the listed conditions are reported without further specification,
   or are stated to be old or longstanding but of unspecified cause.
   The category is also for use in multiple coding to identify these
   conditions resulting from any cause.

   Includes: paralysis (complete)(incomplete), except as in G80–G82

G83.0 Diplegia of upper limbs
   Diplegia (upper)
   Paralysis of both upper limbs
G83.1 Monoplegia of lower limb
   Paralysis of lower limb
G83.2 Monoplegia of upper limb
   Paralysis of upper limb
G83.3 Monoplegia, unspecified
G83.4 Cauda equina syndrome
   Excludes: cord bladder NOS (G95.84)
   G83.40 Complete cauda equina syndrome
   G83.41 Neurogenic bladder due to cauda equina syndrome
   G83.42 Syndrome of intermittent claudication of cauda equina
   G83.48 Other partial cauda equina syndrome
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G83.8 Other specified paralytic syndromes
   G83.80 Todd's paralysis (postepileptic)

G83.9 Paralytic syndrome, unspecified

Other disorders of the nervous system (G90–G99)

G90 Disorders of autonomic nervous system
   Includes: disorders of (para)sympathetic nervous system
   Excludes: dysfunction of autonomic nervous system due to
              alcohol (G31.2)
              hereditary amyloid neuropathies (E85.1)
              hereditary sensory and autonomic neuropathies
              (G60.80–G60.84)

   G90.0 Idiopathic peripheral autonomic neuropathy
      G90.00 Acute pandysautonomia
      G90.01 Chronic pandysautonomia
      G90.02 Carotid sinus syncope
      G90.08 Other idiopathic peripheral autonomic neuropathy

   G90.1 Familial dysautonomia [Riley–Day]
      G90.10 Sympathetic dysfunction associated with dopamine
              β-hydroxylase deficiency
      G90.18 Other familial dysautonomia

   G90.2 Horner's syndrome
      Bernard(–Horner) syndrome

   G90.3 Multi-system degeneration
      Includes: multi-system atrophy [MSA]
      Excludes: corticobasal ganglionic degeneration (G23.81)
                 dentatorubral pallidoluysian degeneration (G23.83)
                 olivopontocerebellar degeneration (G11.22; G11.23)
                 orthostatic hypotension NOS (I95.1)
                 pallidopyramidal dentatoluysian degeneration (G23.82)
      G90.30 Isolated neurogenic orthostatic hypotension
      G90.31 Shy–Drager syndrome
      G90.32 Other multi-system degeneration with dysautonomia
G90.8 Other disorders of autonomic nervous system

*Excludes:* causalgia (G56.4)

- G90.80 Holmes–Adie syndrome
  *Excludes:* Adie’s (myotonic) pupil (H57.00)

- G90.81 Cholinergic neuropathy

- G90.82 Chronic idiopathic anhidrosis

- G90.83 Sympathetic osteodystrophy
  Reflex sympathetic dystrophy

G90.9 Disorder of autonomic nervous system, unspecified

G91 Hydrocephalus

*Includes:* acquired hydrocephalus

*Excludes:* hydrocephalus (in) (due to):

- congenital (Q03.–)
- congenital toxoplasmosis (P37.1)

- G91.0 Communicating hydrocephalus

- G91.1 Obstructive hydrocephalus

- G91.2 Normal-pressure hydrocephalus

- G91.3 Post-traumatic hydrocephalus, unspecified

- G91.8 Other hydrocephalus

- G91.9 Hydrocephalus, unspecified

G92 Toxic encephalopathy

Use additional external cause code (Chapter XX), if desired, to identify toxic agent, e.g. carbon monoxide (T58).

- G92.-0 Early toxic encephalopathy

- G92.-1 Delayed toxic encephalopathy

G93 Other disorders of brain

G93.0 Cerebral cysts

*Excludes:* acquired periventricular cysts of newborn (P91.1)
  congenital cerebral cysts (Q04.6)

- G93.00 Arachnoid cyst

- G93.01 Porencephalic cyst, acquired
G93.1  **Anoxic brain damage, not elsewhere classified**  
Use additional code, if desired, to identify the associated condition, e.g.
- amnesic syndrome (F04)
- cerebellar syndrome (G96.80)
- cognitive impairment (F06.7)
- cortical blindness (H47.6)
- parkinsonian syndrome (G21.8)
- persistent vegetative state (G96.81)
- prolonged coma (R40.2)

*Excludes:* anoxic brain damage with action myoclonus [Lance–Adams] (G25.38) complicating:
- abortion, ectopic or molar pregnancy (O08.8)
- pregnancy, labour or delivery (O29.2, O74.3, O89.2) complication of surgical and medical care (T80–T88) neonatal anoxia (P21.9)

G93.2  **Benign intracranial hypertension**  
*Includes:* pseudotumor cerebri  
*Excludes:* hypertensive encephalopathy (I67.4)

G93.20  **Idiopathic intracranial hypertension**
G93.21  **Intracranial hypertension secondary to obesity**
G93.22  **Intracranial hypertension secondary to toxic exposure**  
Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

G93.23  **Intracranial hypertension secondary to hormone abnormality**  
Use additional code, if desired, to identify hormone abnormality.

G93.24  **Intracranial hypertension secondary to cerebral venous thrombosis**
G93.28  **Other secondary intracranial hypertension**

G93.3  **Postviral fatigue syndrome**  
Benign myalgic encephalomyelitis

G93.4  **Encephalopathy, unspecified**  
*Excludes:* encephalopathy:
- alcoholic (G31.2)
- toxic (G92.-)
G93.5 **Compression of brain**
*Includes:* compression herniation of brain (stem)
*Excludes:* traumatic compression of brain (diffuse) (S06.2)
- focal (S06.3)

G93.50 Medial temporal transtentorial herniation
G93.51 Central transtentorial herniation
G93.52 Cerebellar tonsillar herniation
G93.53 Upwards transtentorial cerebellar herniation
G93.58 Other specified type of brain or brain stem compression

G93.6 **Cerebral oedema**
*Excludes:* cerebral oedema:
- due to birth injury (P11.0)
- traumatic (S06.1)

G93.7 **Reye’s syndrome**
Use additional external cause code (Chapter XX), if desired, to identify cause.

G93.8 **Other specified disorders of brain**
Use additional external cause code (Chapter XX), if desired, to identify cause.

G93.80 Postradiation (radiation-induced) encephalopathy

G93.9 **Disorder of brain, unspecified**

G94* **Other disorders of brain in diseases classified elsewhere**

G94.0* Hydrocephalus in infectious and parasitic diseases classified elsewhere (A00–B99†)
G94.1* Hydrocephalus in neoplastic disease (C00–D48†)
G94.2* Hydrocephalus in other diseases classified elsewhere
G94.8* Other specified disorders of brain in diseases classified elsewhere

G94.80* Metabolic encephalopathy in diseases classified elsewhere
Metabolic encephalopathy in:
- hepatic failure (K70–K72†)
- hypercalcaemia (E83.5†)
- hypernatraemia (E87.0†)
• hyperparathyroidism (E21.-t)
• hyperthyroidism (E05.-t)
• hypocalcaemia (E58t, E83.5t)
• hyponatraemia (E87.1t)
• hypoparathyroidism (E20.-t)
• hypothyroidism (E00-E03t)
• uraemia (N17-N19t)

G94.81* Ischaemic and hypoxic encephalopathy in diseases classified elsewhere

Ischaemic and hypoxic encephalopathy in:
• chronic cardiac failure (I50t)
• respiratory failure (J00–J99t)
• severe anaemia (D50–D59t)
• sickle-cell anaemia with crisis (D57.0t)

G94.82* Encephalopathy due to nutritional deficiencies

Encephalopathy due to deficiency of:
• niacin (E52t)
• vitamin B₆ (E53.1t)
• vitamin B₁₂ (E53.80t)

Excludes: Wernicke’s encephalopathy due to thiamine deficiency (E51.2)

G95 Other diseases of spinal cord

Excludes: myelitis (G04.-)

G95.0 Syringomyelia and syringobulbia

Excludes: congenital hydromyelia (Q06.4)

Use sixth character, if desired, to indicate:

G95.0x0 Syringomyelia
G95.0x1 Syringobulbia
G95.0x2 Syringobulbia and syringomyelia
G95.0x3 Syringomesencephalia
G95.0x4 Hydromyelia

G95.00 Syringomyelia, hydromyelia and syringobulbia associated with Arnold–Chiari malformation
G95.01 Syringomyelia, hydromyelia and syringobulbia associated with Dandy–Walker syndrome
G95.02 Syringomyelia, hydromyelia and syringobulbia associated with spinal intramedullary neoplasm
G95.03 Syringomyelia, hydromyelia and syringobulbia associated with spinal intramedullary vascular malformation
G95.04 Syringomyelia, hydromyelia and syringobulbia associated with chronic traumatic myelopathy
G95.05 Syringomyelia, hydromyelia and syringobulbia following previous haematomyelia
G95.06 Syringomyelia, hydromyelia and syringobulbia associated with posterior fossa arachnoiditis
G95.08 Other specified causes of syringomyelia, hydromelia and syringobulbia

G95.1 Vascular myelopathies
Excludes: intraspinal phlebitis and thrombophlebitis, except nonpyogenic (G08.-)

G95.10 Acute arterial infarction of spinal cord (embolic) (nonembolic)
G95.11 Arterial thrombosis of spinal cord
G95.12 Haematomyelia
G95.13 Subacute necrotic myelopathy
G95.14 Acute venous infarction of spinal cord
G95.15 Chronic venous infarction of spinal cord
G95.16 Nonpyogenic intraspinal phlebitis and thrombophlebitis
G95.17 Oedema of spinal cord
G95.18 Other specified types of vascular myelopathy

G95.2 Cord compression, unspecified

G95.8 Other specified diseases of spinal cord
Excludes: neurogenic bladder:
• NOS (N31.9)
• due to cauda equina syndrome (G83.4) neuromuscular dysfunction of bladder without mention of spinal cord lesion (N31.-)

G95.80 Drug-induced myelopathy
Use additional external cause code (Chapter XX), if desired, to identify drug.
G95.81 Toxin-induced myelopathy
Use additional external cause code (Chapter XX), if desired, to identify toxic agent.
G95.82 Postradiation (radiation-induced) myelopathy
G95.83 Myelopathy due to lathyrism
G95.84 Cord bladder NOS

G95.9 Disease of spinal cord, unspecified
Myelopathy NOS
Other disorders of central nervous system

G96.0 Cerebrospinal fluid leak

Excludes: from spinal puncture (G97.0)

G96.00 Cerebrospinal fluid rhinorrhoea
G96.01 Cerebrospinal fluid otorrhoea

G96.1 Disorders of meninges, not elsewhere classified

Includes: chronic adhesive meningitis
meningeal adhesions (cerebral)(spinal)

Excludes: spinal arachnoiditis NOS (G03.9)

G96.10 Opto-chiasmatic arachnoiditis
G96.11 Cranial arachnoiditis NOS
G96.18 Other specified disorders of meninges, not elsewhere classified

G96.8 Other specified disorders of central nervous system

G96.80 Cerebellar syndrome
G96.81 Persistent vegetative state
G96.82 Locked-in syndrome
G96.83 Akinetic mutism

G96.9 Disorder of central nervous system, unspecified

Postprocedural disorders of nervous system, not elsewhere classified

G97.0 Cerebrospinal fluid leak from spinal puncture

G97.1 Other reaction to spinal and lumbar puncture
Post-lumbar puncture headache

G97.2 Intracranial hypotension following ventricular shunting

G97.8 Other postprocedural disorders of nervous system

G97.80 Late effects of radiation not elsewhere classified

Excludes: postradiation (radiation-induced):
- brachial plexopathy (G54.00)
- encephalopathy (G93.8)
- lumbosacral plexopathy (G54.10)
- myelopathy (G95.82)
- polyneuropathy (G62.80)

G97.9 Postprocedural disorder of nervous system, unspecified
G98 Other disorders of nervous system, not elsewhere classified
Nervous system disorder NOS

G99 Other disorders of nervous system in diseases classified elsewhere

G99.0 Autonomic neuropathy in endocrine and metabolic diseases
Diabetic autonomic neuropathy (E10–E14† with common fourth character .4)
Neuropathic heredofamilial amyloidosis (E85.1†)

G99.1 Other disorders of the autonomic nervous system in other diseases classified elsewhere
Autonomic nervous system disorder in:
- Chagas’ disease (B57.4†)
- diabetic neuropathy (E10–E14† with common fourth character .4)
- HIV disease (B23.8†)
- injury of sympathetic nerves and plexuses (S14.5†, S24.4†, S34.5†)
- leprosy (A30.–†)
- neuropathic heredofamilial amyloidosis (E85.1†)
- other degenerative diseases of the basal ganglia (G23.–†)
- Parkinson’s disease (G20.–†)
- porphyric neuropathy (E80.–†)
- remote effect of neoplasia (C00–D48†)
- spinal cord injury (S14.0†, S24.0†, S34.0†)
- syringomyelia and syringobulbia (G95.0†)
- thiamine deficiency (E51.–†)

G99.2 Myelopathy in diseases classified elsewhere
Includes: myelopathy (in) (due to):
- anterior spinal and vertebral artery compression syndromes (M47.0†)
- HIV disease (vacuolar myelopathy) (B23.8†)
- intervertebral disc disorders (M50.0†, M51.0†)
- neoplastic disease (C00–D48†)
- spinal cord compression due to diseases classified elsewhere
  - spondylosis (M47.–†)
  - vitamin B₁₂ deficiency (E53.80†)
Excludes: myelopathy due to spinal cord injury (S14.0, S24.0, S34.0)
Use fifth character, if desired, to specify spinal cord level:
G99.20 Cervical spinal cord
DISEASES OF THE NERVOUS SYSTEM

G99.21 Cervicothoracic spinal cord
G99.22 Thoracic spinal cord
G99.23 Thoracolumbar spinal cord
G99.24 Lumbosacral spinal cord
G99.25 Sacral spinal cord
G99.27 Multiple or overlapping

G99.8* Other specified disorders of the nervous system in diseases classified elsewhere
CHAPTER VII

Diseases of the eye and adnexa (H00–H59)

Disorders of eyelid, lacrimal system and orbit (H00–H06)

H02 Other disorders of eyelid

H02.4 Ptosis of eyelid

H05 Disorders of orbit

Excludes: congenital malformation of orbit (Q10.7)

H05.0 Acute inflammation of orbit

Abscess
Cellulitis
Osteomyelitis
Periostitis
Tenonitis

H05.1 Chronic inflammatory disorders of orbit

Granuloma of orbit

H05.2 Exophthalmic conditions

H05.20 Haemorrhage of orbit
H05.21 Oedema of orbit
H05.22 Ophthalmic Graves' disease (euthyroid)

Excludes: hypothyroidism with exophthalmus (E05.0)

H05.28 Other exophthalmic conditions
H05.29 Displacement of globe, unspecified

H05.3 Deformity of orbit

Atrophy
Exostosis

H05.4 Enophthalmos

H05.5 Retained (old) foreign body following penetrating wound of orbit

Retrobulbar foreign body
DISEASES OF THE EYE AND ADNEXA

H05.8 Other disorders of orbit
   Cyst of orbit
   Excludes: dysthyroid ophthalmoplegia (orbitopathy) (G73.50)

H05.9 Disorder of orbit, unspecified

Disorders of sclera, cornea, iris and ciliary body
   (H15–H22)

H16.– Keratitis

H20 Iridocyclitis

H20.0 Acute and subacute iridocyclitis
   Anterior uveitis
   Cyclitis acute, recurrent or subacute
   Iritis

H20.1 Chronic iridocyclitis

H20.2 Lens-induced iridocyclitis

H20.8 Other iridocyclitis

H20.9 Iridocyclitis, unspecified

Disorders of lens
   (H25–H28)

H25.– Senile cataract
   Excludes: capsular glaucoma with pseudoexfoliation of lens
   (H40.1)

H26 Other cataract

H26.0 Infantile, juvenile and presenile cataract

H26.1 Traumatic cataract
   Use additional external cause code (Chapter XX), if desired, to
   identify cause.

H26.2 Complicated cataract
   Cataract in chronic iridocyclitis
   Cataract secondary to ocular disorders
   Glaucomatous flecks (subcapsular)
H26.3  **Drug-induced cataract**  
Use additional external cause code (Chapter XX), if desired, to identify drug.

H26.4  **After-cataract**  
Secondary cataract  
Soemmerring's ring

H26.8  **Other specified cataract**

H26.9  **Cataract, unspecified**

H28*  **Cataract and other disorders of lens in diseases classified elsewhere**

H28.0*  **Diabetic cataract (E10–E14 top with common fourth character .3)**

H28.1*  **Cataract in other endocrine, nutritional and metabolic diseases**  
Cataract in hypoparathyroidism (E20.–t)  
Malnutrition–dehydration cataract (E46t)

H28.2*  **Cataract in other diseases classified elsewhere**  
Myotonic cataract (G71.1t)

H28.8*  **Other disorders of lens in diseases classified elsewhere**

**Disorders of choroid and retina (H30–H36)**

H30  **Chorioretinal inflammation**

H30.0  **Focal chorioretinal inflammation**  
Focal:  
• chorioretinitis  
• choroiditis  
• retinitis  
• retinochoroiditis

H30.1  **Disseminated chorioretinal inflammation**  
Disseminated:  
• chorioretinitis  
• choroiditis  
• retinitis  
• retinochoroiditis

*Excludes*: exudative retinopathy (H35.0)
H30.2 Posterior cyclitis
Pars planitis

H30.8 Other chorioretinal inflammations
Harada’s disease [Vogt–Koyanagi–Harada]

H30.9 Chorioretinal inflammation, unspecified
Chorioretinitis
Choroiditis
Retinitis
Retinochoroiditis NOS

H31 Other disorders of choroid

H31.0 Chorioretinal scars
Macula scars of posterior pole (postinflammatory)
(post-traumatic)
Solar retinopathy

H31.1 Choroidal degeneration
Atrophy of choroid
Sclerosis

Excludes: angioid streaks (H35.3)

H31.2 Hereditary choroidal dystrophy
Choroideremia
Dystrophy, choroidal (central areolar)(generalized)(peripapillary)
Gyrate atrophy, choroid

Excludes: ornithinaemia (E72.4)

H31.3 Choroidal haemorrhage and rupture
Choroidal haemorrhage:
• NOS
• expulsive

H31.4 Choroidal detachment

H31.8 Other specified disorders of choroid

H31.9 Disorder of choroid, unspecified

H32 Chorioretinal disorders in diseases classified elsewhere

H32.0 Chorioretinal inflammation in infectious and parasitic
diseases classified elsewhere
Chorioretinitis:
• syphilitic, late (A52.7†)
• toxoplasma (B58.0†)
• tuberculous (A18.5†)

H32.8* Other chorioretinal disorders in diseases classified elsewhere

H33 Retinal detachments and breaks
H33.0 Retinal detachment with retinal break
Rhegmatogenous retinal detachment
H33.4 Traction detachment of retina
Proliferative vitreo-retinopathy with retinal detachment

H34 Retinal vascular occlusions
Excludes: amaurosis fugax (G45.3)
H34.0 Transient retinal artery occlusion
H34.1 Central retinal artery occlusion
H34.2 Other retinal artery occlusions
Hollenhorst’s plaque
Retinal:
• artery occlusion:
  • branch
  • partial
  • microembolism
H34.8 Other retinal vascular occlusions
Retinal vein occlusion:
• central
• incipient
• partial
• tributary
H34.9 Retinal vascular occlusion, unspecified

H35 Other retinal disorders
H35.0 Background retinopathy and retinal vascular changes
Changes in retinal vascular appearance
Retinal:
• micro-aneurysms
• neovascularization
• perivasculitis
• varices
DISEASES OF THE EYE AND ADNEXA

• vascular sheathing
• vasculitis
Retinopathy:
• NOS
• background NOS
• Coats'
• exudative
• hypertensive

H35.1 Retinopathy of prematurity
Retrolental fibroplasia

H35.2 Other proliferative retinopathy
Proliferative vitreo-retinopathy
Excludes: proliferative vitreo-retinopathy with retinal detachment (H33.4)

H35.3 Degeneration of macula and posterior pole
Angioid streaks
Cyst
Drusen (degenerative) of macula
Hole
Puckering
Kuhnt-Junius degeneration
Senile macular degeneration (atrophic)(exudative)
Toxic maculopathy
Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

H35.4 Peripheral retinal degeneration
Degeneration, retina:
• NOS
• lattice
• microcystoid
• palisade
• paving stone
• reticular

H35.5 Hereditary retinal dystrophy
Dystrophy:
• retinal (albipunctate)(pigmentary)(vitelliform)
• tapetoretinal
• vitreoretinal
Retinitis pigmentosa
Stargardt's disease
H35.6 Retinal haemorrhage
H35.7 Separation of retinal layers
Central serous chorioretinopathy
Detachment of retinal pigment epithelium
H35.8 Other specified retinal disorders
H35.9 Retinal disorder, unspecified

Retinal disorders in diseases classified elsewhere

H36.0* Diabetic retinopathy (E10–E14† with common fourth character .3)
H36.8* Other retinal disorders in diseases classified elsewhere
Atherosclerotic retinopathy (I70.80†)
Proliferative sickle-cell retinopathy (D57.–†)
Retinal dystrophy in lipid storage disorders (E75.–†)

Glaucoma (H40–H42)

H40 Glaucoma
Excludes: congenital glaucoma (Q15.0)

H40.0 Glaucoma suspect
Ocular hypertension

H40.1 Primary open-angle glaucoma
Glaucoma (primary)(residual stage):
• capsular with pseudoexfoliation of lens
• chronic simple
• low-tension
• pigmentary

H40.2 Primary angle-closure glaucoma
Angle-closure glaucoma (primary)(residual stage):
• acute
• chronic
• intermittent

H40.3 Glaucoma secondary to eye trauma
Use additional code, if desired, to identify cause.
H40.4 Glaucoma secondary to eye inflammation
Use additional code, if desired, to identify cause.

H40.5 Glaucoma secondary to other eye disorders
Use additional code, if desired, to identify cause.

H40.6 Glaucoma secondary to drugs
Use additional external cause code (Chapter XX), if desired, to identify drug.

H40.8 Other glaucoma
H40.9 Glaucoma, unspecified

H42. Glaucoma in diseases classified elsewhere

Disorders of vitreous body and globe
(H43–H45)

H44 Disorders of globe
Includes: disorders affecting multiple structures of eye

H44.2 Degenerative myopia
H44.4 Hypotony of eye
H44.7 Retained (old) intraocular foreign body, nonmagnetic

Disorders of optic nerve and visual pathways
(H46–H48)

H46 Optic neuritis
Optic:
• neuropathy, except ischaemic
• papillitis
Retrobulbar neuritis NOS
Excludes: ischaemic optic neuropathy (H47.02)
neuromyelitis optica [Devic] (G36.0)

H47 Other disorders of optic [2nd] nerve and visual pathways

H47.0 Disorders of optic nerve, not elsewhere classified
H47.00 Compression of optic nerve
H47.01 Haemorrhage in optic nerve sheath
H47.02 Ischaemic optic neuropathy
H47.03 Post-infection optic neuropathy
H47.08 Other disorders of optic nerve, not elsewhere classified

H47.1 Papilloedema, unspecified

H47.2 Optic atrophy

Includes: temporal pallor of optic disc

H47.20 Primary optic atrophy
H47.21 Leber’s optic atrophy
H47.22 Dominantly inherited optic atrophy
H47.23 Recessively inherited optic atrophy
H47.24 Optic atrophy with the syndrome of diabetes insipidus, diabetes mellitus and deafness
H47.28 Other specified type of optic atrophy

H47.3 Other disorders of optic disc

H47.30 Drusen of optic disc
H47.31 Pseudopapilloedema

H47.4 Disorders of optic chiasm

H47.5 Disorders of other visual pathways

H47.50 Disorders of optic tracts
H47.51 Disorders of geniculate nuclei
H47.52 Disorders of optic radiations

H47.6 Disorders of visual cortex
Cortical blindness

H47.7 Disorder of visual pathways, unspecified

H48* Disorders of optic [2nd] nerve and visual pathways in diseases classified elsewhere

H48.0* Optic atrophy in diseases classified elsewhere
Optic atrophy in late syphilis (A52.1+)

H48.1* Retrobulbar neuritis in diseases classified elsewhere
Retrobulbar neuritis in:
• late syphilis (A52.1+)
• meningococcal infection (A39.8+)
• multiple sclerosis (G35.-†)
DISEASES OF THE EYE AND ADNEXA

H48.8* Other disorders of optic nerve and visual pathways in diseases classified elsewhere

H48.80* Papilloedema in diseases classified elsewhere
Papilloedema in:
• decreased ocular pressure (H44.4†)
• pseudotumor cerebri (G93.2†)
• raised intracranial pressure (G91.–†, G94.1†, G94.2†)
• retinal lesion (H33–H36†)
• systemic hypertension (I10†)

H48.81* Disorders of optic nerve in diseases classified elsewhere

H48.82* Disorders of visual pathways in diseases classified elsewhere

Disorders of ocular muscles, binocular movement, accommodation and refraction
(H49–H52)

Excludes: nystagmus and other irregular eye movements (H55.–)

H49 Paralytic strabismus
Excludes: ophthalmoplegia:
• internal (H52.50)
• internuclear (H51.2)
• progressive supranuclear (G23.1)

H49.0 Third [oculomotor] nerve palsy

H49.00 Third [oculomotor] nerve palsy, extrinsic and intrinsic
H49.01 Third [oculomotor] nerve palsy, extrinsic (sparing pupil)
H49.02 Third [oculomotor] nerve palsy, nuclear

H49.1 Fourth [trochlear] nerve palsy

H49.2 Sixth [abducent] nerve palsy

H49.20 Sixth [abducent] nerve palsy, peripheral
H49.21 Sixth [abducent] nerve palsy, nuclear

H49.3 Total (external) ophthalmoplegia

H49.4 Progressive external ophthalmoplegia

H49.8 Other paralytic strabismus
External ophthalmoplegia NOS
Kearns–Sayre syndrome
H49.9 Paralytic strabismus, unspecified

H50 Other strabismus

H50.0 Convergent concomitant strabismus
Esotropia (alternating)(monocular), except intermittent

H50.1 Divergent concomitant strabismus
Exotropia (alternating)(monocular), except intermittent

H50.2 Vertical strabismus

H50.3 Intermittent heterotropia
Intermittent:
• esotropia
• exotropia

H50.4 Other and unspecified heterotropia
Concomitant strabismus NOS
Cyclotropia
Hypertropia
Hypotropia
Microtropia
Monofixation syndrome

H50.5 Heterophoria
Alternating hyperphoria
Esophoria
Exophoria
Skew deviation

H50.6 Mechanical strabismus
Brown’s sheath syndrome
Strabismus due to adhesions
Traumatic limitation of duction of eye muscle

H50.8 Other specified strabismus
Duane’s syndrome

H50.9 Strabismus, unspecified

H51 Other disorders of binocular movement

H51.0 Palsy of conjugate gaze
Excludes: in brain stem syndromes (G46.3)

H51.00 Supranuclear lateral gaze palsy
H51.01 One-and-a-half syndrome
H51.08 Other palsy of conjugate gaze
DISEASES OF THE EYE AND ADNEXA

H51.1 Convergence insufficiency and excess
H51.2 Internuclear ophthalmoplegia
H51.8 Other specified disorders of binocular movement
  H51.80 Oculomotor apraxia
  H51.81 Paralysis of upward gaze
  H51.82 Paralysis of downward gaze
  H51.83 Parinaud's syndrome
H51.9 Disorder of binocular movement, unspecified

H52 Disorders of refraction and accommodation
H52.0 Hypermetropia
H52.1 Myopia
  Excludes: degenerative myopia (H44.2)
H52.2 Astigmatism
H52.3 Anisometropia and aniseikonia
H52.4 Presbyopia
H52.5 Disorders of accommodation
  H52.50 Internal ophthalmoplegia (complete)(total)
  H52.51 Paresis or spasm of accommodation
  H52.52 Spasm of the near reflex
  H52.58 Other disorders of accommodation
H52.6 Other disorders of refraction
H52.7 Disorder of refraction, unspecified

Visual disturbances and blindness (H53–H54)

H53 Visual disturbances
H53.0 Amblyopia ex anopsia
  Amblyopia:
  • anisometropic
  • deprivation
  • strabismic
H53.1 Subjective visual disturbances
- Asthenopia
- Day blindness
- Hemeralopia
- Metamorphopsia
- Photophobia
- Scintillating scotoma
- Sudden visual loss
- Visual halos

Excludes: visual hallucinations (R44.1)

H53.2 Diplopia
Includes: double vision
- H53.20 Organic monocular diplopia
- H53.21 Binocular diplopia

H53.3 Other disorders of binocular vision
- Abnormal retinal correspondence
- Fusion with defective stereopsis
- Simultaneous visual perception without fusion
- Suppression of binocular vision

H53.4 Visual field defects
- Enlarged blind spot
- Generalized contraction of visual field
- Hemianop(s)ia (heteronymous)(homonymous)
- Quadrant anop(s)ia
- Scotoma:
  - arcuate
  - Bjerrum
  - central
  - ring

H53.5 Colour vision deficiencies
- Achromatopsia
- Acquired colour vision deficiency
- Colour blindness
- Deuteranomaly
- Deuteranopia
- Protanomaly
- Protanopia
- Tritanomaly
- Tritanopia

Excludes: day blindness (H53.1)
DISEASES OF THE EYE AND ADNEXA

H53.6 Night blindness
   *Excludes:* due to vitamin A deficiency (E50.5)

H53.8 Other visual disturbances

H53.9 Visual disturbance, unspecified

**H54** Blindness and low vision

*Note:* For definition of visual impairment categories see table on p. 246.

*Excludes:* amaurosis fugax (G45.3)

H54.0 Blindness, both eyes
   Visual impairment categories 3, 4, 5 in both eyes.

H54.1 Blindness, one eye, low vision other eye
   Visual impairment categories 3, 4, 5 in one eye, with category 1 or 2 in the other eye.

H54.2 Low vision, both eyes
   Visual impairment category 1 or 2 in both eyes.

H54.3 Unqualified visual loss, both eyes
   Visual impairment category 9 in both eyes.

H54.4 Blindness, one eye
   Visual impairment categories 3, 4, 5 in one eye [normal vision in other eye].

H54.5 Low vision, one eye
   Visual impairment category 1 or 2 in one eye [normal vision in other eye].

H54.6 Unqualified visual loss, one eye
   Visual impairment category 9 in one eye [normal vision in other eye].

H54.7 Unspecified visual loss
   Visual impairment category 9 NOS

*Note:* The table on p. 246 gives a classification of severity of visual impairment recommended by a WHO Study Group on the Prevention of Blindness, Geneva, 6–10 November 1972.¹

The term “low vision” in category H54 comprises categories 1 and 2 of the table, the term “blindness” categories 3, 4 and 5 and the term “unqualified visual loss” category 9.

<table>
<thead>
<tr>
<th>Category of visual impairment</th>
<th>Visual acuity with best possible correction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maximum less than:</td>
</tr>
<tr>
<td>1</td>
<td>6/18</td>
</tr>
<tr>
<td></td>
<td>3/10 (0.3)</td>
</tr>
<tr>
<td></td>
<td>20/70</td>
</tr>
<tr>
<td>2</td>
<td>6/60</td>
</tr>
<tr>
<td></td>
<td>1/10 (0.1)</td>
</tr>
<tr>
<td></td>
<td>20/200</td>
</tr>
<tr>
<td>3</td>
<td>3/60</td>
</tr>
<tr>
<td></td>
<td>1/20 (0.05)</td>
</tr>
<tr>
<td></td>
<td>20/400</td>
</tr>
<tr>
<td>4</td>
<td>1/60 (finger counting at 1 metre)</td>
</tr>
<tr>
<td></td>
<td>1/50 (0.02)</td>
</tr>
<tr>
<td></td>
<td>5/300</td>
</tr>
<tr>
<td>5</td>
<td>No light perception</td>
</tr>
<tr>
<td>9</td>
<td>Undetermined or unspecified</td>
</tr>
</tbody>
</table>

If the extent of the visual field is taken into account, patients with a field no greater than 10° but greater than 5° around central fixation should be placed in category 3 and patients with a field no greater than 5° around central fixation should be placed in category 4, even if the central acuity is not impaired.

Other disorders of eye and adnexa (H55–H59)

**H55 Nystagmus and other irregular eye movements**

*Includes:* nystagmus:
- NOS
- congenital
- deprivation
- dissociated
- latent

*Excludes:* idiopathic central positional nystagmus (H81.40)
H55.0  Upbeat nystagmus
H55.1  Downbeat nystagmus
H55.2  Phasic lateral nystagmus
H55.3  Rotatory (torsional) nystagmus
H55.4  See-saw nystagmus
H55.5  Nystagmus retractorius
H55.6  Deficiencies of saccadic eye movements
H55.7  Deficiencies of smooth pursuits
H55.8  Other irregular eye movements

H57 Other disorders of eye and adnexa

H57.0  Anomalies of pupillary function
  *Excludes:* Holmes–Adie syndrome (G90.80)
  H57.00  Adj's (myotonic) pupil
  H57.01  Paraneoplastic myotonic pupil
  H57.02  Springing pupil
  H57.03  Anisocoria NOS
  H57.08  Other anomaly of pupillary function

H57.1  Ocular pain

H57.8  Other specified disorders of eye and adnexa

H57.9  Disorder of eye and adnexa, unspecified

H58 Other disorders of eye and adnexa in diseases classified elsewhere

H58.0  Anomalies of pupillary function in diseases classified elsewhere
  Argyll Robertson phenomenon or pupil, syphilitic (A52.1†)

H58.1  Visual disturbances in diseases classified elsewhere

H58.8  Other specified disorders of eye and adnexa in diseases classified elsewhere
  Syphilitic oculopathy NEC:
  • congenital:
    • early (A50.0†)
    • late (A50.3†)
  • early (secondary) (A51.4†)
  • late (A52.7†)
H59 Postprocedural disorders of eye and adnexa, not elsewhere classified

H59.0 Vitreous syndrome following cataract surgery

H59.8 Other postprocedural disorders of eye and adnexa
Chorioretinal scars after surgery for detachment

H59.9 Postprocedural disorder of eye and adnexa, unspecified
CHAPTER VIII

Diseases of the ear and mastoid process
(H60–H95)

Diseases of middle ear and mastoid
(H65–H75)

H65  **Non supp urative otitis media**
   *Includes*: with myringitis

H65.0  **Acute serous otitis media**
   Acute and subacute secretory otitis media

H65.1  **Other acute non suppurative otitis media**
   Otitis media, acute and subacute:
   • allergic (mucoid)(sanguinous)(serous)
   • mucoid
   • nonsuppurative NOS
   • sanguinous
   • seromucinous
   *Excludes*: otitic barotrauma (T70.0)
   otitis media (acute) NOS (H66.9)

H65.2  **Chronic serous otitis media**
   Chronic tubotympanal catarrh

H65.3  **Chronic mucoid otitis media**
   Glue ear
   Otitis media, chronic:
   • mucinous
   • secretory
   • transudative

H65.4  **Other chronic non suppurative otitis media**
   Otitis media, chronic:
   • allergic
   • exudative
   • nonsuppurative NOS
   • seromucinous
   • with effusion (nonpurulent)
H65.9  Nonsuppurative otitis media, unspecified
Otitis media:
- allergic
- catarrhal
- exudative
- mucoid
- secretory
- seromucinous
- serous
- transudative
- with effusion (nonpurulent)

H66  Suppurative and unspecified otitis media
Includes: with myringitis

H66.0  Acute suppurative otitis media

H66.1  Chronic tubotympanic suppurative otitis media
Benign chronic suppurative otitis media
Chronic tubotympanic disease

H66.2  Chronic atticoantral suppurative otitis media
Chronic atticoantral disease

H66.3  Other chronic suppurative otitis media
Chronic suppurative otitis media NOS

H66.4  Suppurative otitis media, unspecified
Purulent otitis media NOS

H66.9  Otitis media, unspecified
Otitis media:
- NOS
- acute NOS
- chronic NOS

H70  Mastoiditis and related conditions

H70.0  Acute mastoiditis
Abscess  } of mastoid
Empyema  } of mastoid

H70.1  Chronic mastoiditis
Caries  } of mastoid
Fistula  } of mastoid

H70.2  Petrositis
Inflammation of petrous bone (acute)(chronic)
H70.8 Other mastoiditis and related conditions
H70.9 Mastoiditis, unspecified

H71 Cholesteatoma of middle ear
Cholesteatoma tympani
Excludes: recurrent cholesteatoma of postmastoidectomy cavity (H95.0)

H72.— Perforation of tympanic membrane
Includes: perforation of ear drum:
• persistent post-traumatic
• postinflammatory
Excludes: traumatic rupture of ear drum (S09.2)

H73.— Other disorders of tympanic membrane

Diseases of inner ear
(H80–H83)

H81 Disorders of vestibular function
Excludes: vertigo:
• NOS (R42)
• epidemic (A88.1)

H81.0 Ménière’s disease
Labyrinthine hydrops
Ménière’s syndrome or vertigo

H81.1 Benign paroxysmal vertigo
H81.10 Idiopathic benign positional vertigo
H81.11 Post-traumatic benign positional vertigo
H81.18 Other benign paroxysmal vertigo

H81.2 Vestibular neuronitis

H81.3 Other peripheral vertigo
Includes: peripheral vertigo NOS
H81.30 Lermoyez’ syndrome
H81.31 Aural vertigo
H81.32 Otogenic vertigo
H81.33 Drug-induced peripheral vertigo
Use additional code (Chapter XX), if desired, to identify drug.
H81.4 Vertigo of central origin
   H81.40 Idiopathic central positional nystagmus
   H81.41 Drug-induced vertigo of central origin
       Use additional code (Chapter XX), if desired, to identify drug.
   H81.48 Other vertigo of central origin

H81.8 Other disorders of vestibular function

H81.9 Disorder of vestibular function, unspecified
   Includes: vertiginous syndrome NOS
   H81.90 Drug-induced vertigo, unspecified as peripheral or central
       Use additional code (Chapter XX), if desired, to identify drug.

H82* Vertiginous syndromes in diseases classified elsewhere

H83 Other diseases of inner ear
   H83.0 Labyrinthitis
   H83.1 Labyrinthine fistula
   H83.2 Labyrinthine dysfunction
       Hypersensitivity
       Hypofunction
       Loss of function
       of labyrinth
   H83.3 Noise effects on inner ear
       Acoustic trauma
       Noise-induced hearing loss
   H83.8 Other specified diseases of inner ear
   H83.9 Disease of inner ear, unspecified

Other disorders of ear (H90–H95)

H90 Conductive and sensorineural hearing loss
   Includes: congenital deafness
   Excludes: deaf mutism NEC (H91.3)
              deafness NOS (H91.9)
DISEASES OF THE EAR AND MASTOID PROCESS

hearing loss:
• NOS (H91.9)
• noise-induced (H83.3)
• ototoxic (H91.0)
• sudden (idiopathic) (H91.2)

H90.1 Conductive hearing loss, unilateral with unrestricted hearing on the contralateral side

H90.2 Conductive hearing loss, unspecified
Conductive deafness NOS

H90.3 Sensorineural hearing loss, bilateral

H90.4 Sensorineural hearing loss, unilateral with unrestricted hearing on the contralateral side

H90.5 Sensorineural hearing loss, unspecified
Hearing loss:
• central
• neural
• perceptive
• sensory

Sensorineural deafness NOS

H90.6 Mixed conductive and sensorineural hearing loss, bilateral

H90.7 Mixed conductive and sensorineural hearing loss, unilateral with unrestricted hearing on the contralateral side

H90.8 Mixed conductive and sensorineural hearing loss, unspecified

H91 Other hearing loss
Excludes: abnormal auditory perception (H93.2)
noise-induced hearing loss (H83.3)
psychogenic deafness (F44.6)
transient ischaemic deafness (H93.0)

H91.0 Ototoxic hearing loss
Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

H91.1 Presbycusis
Presbyacusia

H91.2 Sudden idiopathic hearing loss
Sudden hearing loss NOS

253
H91.3 Deaf mutism, not elsewhere classified
H91.8 Other specified hearing loss
H91.9 Hearing loss, unspecified
Deafness:
• NOS
• high frequency
• low frequency

H92 Otalgia and effusion of ear
H92.0 Otalgia
H92.1 Otorrhoea
*Excludes:* leakage of cerebrospinal fluid through ear (G96.0)
H92.2 Otorrhagia
*Excludes:* traumatic otorrhagia — code by type of injury

H93 Other disorders of ear, not elsewhere classified
H93.0 Degenerative and vascular disorders of ear
Transient ischaemic deafness
*Excludes:* presbycusis (H91.1)
H93.1 Tinnitus
H93.2 Other abnormal auditory perceptions
Auditory recruitment
Diplacusis
Hyperacusis
Temporary auditory threshold shift
*Excludes:* auditory hallucinations (R44.0)
H93.3 Disorders of acoustic nerve
*Includes:* disorder of 8th cranial nerve
H93.30 Schwannoma [neurinoma] [neurilemmoma] of acoustic nerve
H93.31 Compression of acoustic nerve in tumours of cerebello-pontine angle
Use morphology code, if desired, to identify the tumour.
H93.32 Acoustic nerve damage due to meningitis
H93.33 Acoustic nerve damage due to vascular diseases
H93.38 Other specified disorders of acoustic nerve
H93.8 Other specified disorders of ear
DISEASES OF THE EAR AND MASTOID PROCESS

H93.9  Disorder of ear, unspecified

**H94**  Other disorders of ear in diseases classified elsewhere

**H94.0**  Acoustic neuritis in infectious and parasitic diseases classified elsewhere
  Acoustic neuritis in syphilis (A52.1†)

**H94.8**  Other specified disorders of ear in diseases classified elsewhere

**H95**  Postprocedural disorders of ear and mastoid process, not elsewhere classified

H95.0  Recurrent cholesteatoma of postmastoidectomy cavity
CHAPTER IX

Diseases of the circulatory system (I00–I99)

Excludes: transient cerebral ischaemic attacks and related syndromes (G45.-)

Acute rheumatic fever (I00–I02)

I00 Rheumatic fever without mention of heart involvement
Arthritis, rheumatic, acute or subacute

I01 Rheumatic fever with heart involvement
Excludes: chronic diseases of rheumatic origin (I05–I09)

I01.1 Acute rheumatic endocarditis
Acute rheumatic valvulitis
Any condition in I00 with endocarditis or valvulitis

I01.9 Acute rheumatic heart disease, unspecified
Any condition in I00 with unspecified type of heart involvement
Rheumatic:
• carditis, acute
• heart disease, active or acute

I02 Rheumatic chorea
Includes: Sydenham’s chorea
Excludes: chorea:
• NOS (G25.5)
• Huntington (G10.–)

I02.0 Rheumatic chorea with heart involvement
Chorea NOS with heart involvement
Rheumatic chorea with heart involvement of any type classifiable under I01.–

I02.9 Rheumatic chorea without heart involvement
Rheumatic chorea NOS
Chronic rheumatic heart diseases (105–109)

105  
Rheumatic mitral valve diseases

*Excludes:* when specified as nonrheumatic (I34.−)

105.0 Mitral stenosis
Mitral (valve) obstruction (rheumatic)

105.1 Rheumatic mitral insufficiency
Rheumatic mitral:
• incompetence
• regurgitation

105.2 Mitral stenosis with insufficiency
Mitral stenosis with incompetence or regurgitation

106.–  
Rheumatic aortic valve diseases

*Excludes:* when not specified as rheumatic (I35.–)

107.–  
Rheumatic tricuspid valve diseases

*Includes:* whether specified as rheumatic or not

*Excludes:* when specified as nonrheumatic (I36.–)

108  
Multiple valve diseases

*Includes:* whether specified as rheumatic or not

*Excludes:* endocarditis, valve unspecified (I38)
   rheumatic disease of endocardium, valve unspecified (I09.1)

108.0 Disorders of mitral and aortic valves
Involvement of both mitral and aortic valves whether specified as rheumatic or not

109  
Other rheumatic heart diseases

109.1 Rheumatic diseases of endocardium, valve unspecified
Rheumatic:
• endocarditis (chronic)
• valvulitis (chronic)

*Excludes:* endocarditis, valve unspecified (I38)

109.8 Other specified rheumatic heart diseases
Rheumatic disease of pulmonary valve
109.9 Rheumatic heart disease, unspecified
Rheumatic:
• carditis
• heart failure
Excludes: rheumatoid carditis (M05.3)

Hypertensive diseases (I10–I15)

I10 Essential (primary) hypertension
High blood pressure
Hypertension (arterial)(benign)(essential)(malignant)(primary)
(systemic)
Excludes: involving vessels of:
• brain (I60–I69)
• eye (H35.0)

I11.– Hypertensive heart disease
Includes: any condition in I50.– due to hypertension

I12.– Hypertensive renal disease
Includes: any condition in N18.– or N19 with any condition in I10 arteriosclerosis of kidney arteriosclerotic nephritis (chronic)(interstitial) hypertensive nephropathy nephrosclerosis
Excludes: secondary hypertension (I15.–)

I13.– Hypertensive heart and renal disease
Includes: any condition in I11.– with any condition in I12.– disease:
• cardiorenal
• cardiovascular renal

I15.– Secondary hypertension
Excludes: involving vessels of:
• brain (I60–I69)
• eye (H35.0)
Ischaemic heart disease
(I20–I25)

*Note:* For morbidity, duration as used in categories I21–I25 refers to the interval elapsing between onset of the ischaemic episode and admission to care. For mortality, duration refers to the interval elapsing between onset and death.

*Includes:* with mention of hypertension (I10–I15)

Use additional code, if desired, to identify presence of hypertension.

**I20.–** Angina pectoris

**I21.–** Acute myocardial infarction

*Includes:* myocardial infarction specified as acute or with a stated duration of 4 weeks (28 days) or less from onset

*Excludes:* myocardial infarction:
- old (I25.2)
- specified as chronic or with a stated duration of more than 4 weeks (more than 28 days) from onset (I25.8)
- subsequent (I22.–)

**I22.–** Subsequent myocardial infarction

*Includes:* recurrent myocardial infarction

*Excludes:* specified as chronic or with a stated duration of more than 4 weeks (more than 28 days) from onset (I25.8)

**I24.–** Other acute ischaemic heart diseases

*Excludes:* angina pectoris (I20.–)

**I25** Chronic ischaemic heart disease

**I25.0** Atherosclerotic cardiovascular disease, so described

**I25.1** Atherosclerotic heart disease

Coronary (artery):
- atheroma
- atherosclerosis
- disease
- sclerosis

**I25.2** Old myocardial infarction

Healed myocardial infarction
Past myocardial infarction diagnosed by ECG or other special investigation, but currently presenting no symptoms
I25.3 **Aneurysm of heart**
Aneurysm:
- mural
- ventricular

I25.5 **Ischaemic cardiomyopathy**

I25.8 **Other forms of chronic ischaemic heart disease**
Any condition in I21–I22 and I24.– specified as chronic or with a stated duration of more than 4 weeks (more than 28 days) from onset

I25.9 **Chronic ischaemic heart disease, unspecified**
Ischaemic heart disease (chronic) NOS

Other forms of heart disease
(I30–I52)

**I34.– Nonrheumatic mitral valve disorders**
*Excludes:* when of unspecified cause but with mention of:
- diseases of aortic valve (I08.0)
- mitral stenosis or obstruction (I05.0)
  when specified as rheumatic (I05.–)

**I35.– Nonrheumatic aortic valve disorders**
*Excludes:* when of unspecified cause but with mention of diseases of mitral valve (I08.0)
  when specified as rheumatic (I06.–)

**I36.– Nonrheumatic tricuspid valve disorders**
*Excludes:* when of unspecified cause (I07.–)
  when specified as rheumatic (I07.–)

**I37.– Pulmonary valve disorders**
*Excludes:* when specified as rheumatic (I09.8)

**I38 Endocarditis, valve unspecified**
Endocarditis (chronic) NOS
Valvular:
- incompetence
- insufficiency
- regurgitation
- stenosis
  of unspecified cause, except valve
  NOS or of specified rheumatic
Valvulitis (chronic)
*Excludes:* when specified as rheumatic (I09.1)
Endocarditis and heart valve disorders in diseases classified elsewhere

Includes: endocardial involvement in:
- gonococcal infection (A54.8)
- Libman–Sacks disease (M32.1)
- meningococcal infection (A39.5)
- rheumatoid arthritis (M05.3)
- syphilis (A52.0)
- typhoid fever (A01.)

Myocarditis in diseases classified elsewhere

Myocarditis in bacterial diseases classified elsewhere

Myocarditis in viral diseases classified elsewhere

Myocarditis in other infectious and parasitic diseases classified elsewhere

Myocarditis in:
- Chagas’ disease (chronic) (B57.2)
- acute (B57.0)
- toxoplasmosis (B58.8)

Myocarditis in other diseases classified elsewhere

Rheumatoid myocarditis (M05.3)

Cardiomyopathy

Excludes: ischaemic cardiomyopathy (I25.5)

Cardiomyopathy in diseases classified elsewhere

Atrioventricular and left bundle-branch block

Atrioventricular block, first degree

Atrioventricular block, second degree
Atrioventricular block, type I and II
Mobitz block, type I and II
Second-degree block, type I and II
Wenckebach’s block

Atrioventricular block, complete
Complete heart block NOS
Third-degree block

Other and unspecified atrioventricular block
Atrioventricular block NOS
ICD-NA

144.4 Left anterior fascicular block
144.5 Left posterior fascicular block
144.6 Other and unspecified fascicular block
   Left bundle-branch hemiblock NOS
144.7 Left bundle-branch block, unspecified

145 Other conduction disorders
145.0 Right fascicular block
145.1 Other and unspecified right bundle-branch block
   Right bundle-branch block NOS
145.2 Bifascicular block
145.3 Trifascicular block
145.4 Nonspecific intraventricular block
   Bundle-branch block NOS
145.5 Other specified heart block
   Sinoatrial block
   Sinoauricular block
   Excludes: heart block NOS (145.9)
145.9 Conduction disorder, unspecified
   Heart block NOS
   Stokes–Adams syndrome

146 Cardiac arrest
   Excludes: cardiogenic shock (R57.0)
146.0 Cardiac arrest with successful resuscitation

147 Paroxysmal tachycardia
147.0 Re-entry ventricular arrhythmia
147.1 Supraventricular tachycardia
   Paroxysmal tachycardia:
   • atrial
   • atrioventricular [AV]
   • junctional
   • nodal
147.2 Ventricular tachycardia
147.9 Paroxysmal tachycardia, unspecified
   Bouveret(–Hoffman) syndrome

262
Atrial fibrillation and flutter

Other cardiac arrhythmias

Ventricular fibrillation and flutter

Atrial premature depolarization

Junctional premature depolarization

Ventricular premature depolarization

Other and unspecified premature depolarization

Ectopic beats

Extrasystoles

Extrasystolic arrhythmias

Premature:

• beats NOS

• contractions

Sick sinus syndrome

Tachycardia–bradycardia syndrome

Other specified cardiac arrhythmias

Rhythm disorder:

• coronary sinus

• ectopic

• nodal

Cardiac arrhythmia, unspecified

Arrhythmia (cardiac) NOS

Heart failure

Excludes: due to hypertension (I11.–)

• with renal disease (I13.–)

Cerebrovascular diseases

(I60–I69)

Includes: with mention of hypertension (conditions in I10 and I15.–)

Use additional code, if desired, to identify presence of hypertension.
Excludes: transient cerebral ischaemic attacks and related syndromes (G45.-)
traumatic intracranial haemorrhage (S06.-)
vascular dementia (F01.-)

I60 Subarachnoid haemorrhage
Includes: ruptured cerebral aneurysm
In case of multiple intracranial aneurysms, use additional code(s) (I67.1xxx), if desired, to identify the unruptured aneurysm(s).
Excludes: sequelae of subarachnoid haemorrhage (I69.0)
traumatic subarachnoid haemorrhage (S06.6)

For I60.0–I60.6: use additional sixth character, if desired, to indicate side:

- I60.xx0 Left
- I60.xx1 Right
- I60.xx2 Bilateral

I60.0 Subarachnoid haemorrhage from carotid siphon and bifurcation

- I60.00 Aneurysm at origin of ophthalmic artery
- I60.01 Aneurysm at origin of anterior choroidal artery
- I60.02 Aneurysm at origin of posterior communicating artery
- I60.03 Aneurysm at bifurcation of internal carotid artery
- I60.04 Carotido-cavernous aneurysm

I60.1 Subarachnoid haemorrhage from middle cerebral artery
Use additional code (I60.83), if desired, in case of mycotic aneurysm.

- I60.10 Proximal (M1-horizontal segment) middle cerebral artery aneurysm
- I60.11 Aneurysm at major bi- or trifurcation of middle cerebral artery
- I60.12 Distal middle cerebral artery aneurysm

I60.2 Subarachnoid haemorrhage from anterior communicating artery
Use additional code (I60.83), if desired, in case of mycotic aneurysm.

- I60.20 Anterior communicating artery aneurysm
- I60.21 Proximal (A1-horizontal segment) anterior cerebral artery aneurysm
DISEASES OF THE CIRCULATORY SYSTEM

I60.22 Distal (A2-vertical segment) anterior cerebral artery aneurysm
I60.23 Pericallosal bifurcation artery aneurysm

I60.3 Subarachnoid haemorrhage from posterior communicating artery
Distal posterior communicating artery aneurysm

I60.4 Subarachnoid haemorrhage from basilar artery
Use additional code (I60.85), if desired, in case of dissecting aneurysm.

I60.40 Proximal basilar artery (vertebral artery confluence) aneurysm
I60.41 Midbasilar artery aneurysm
I60.42 Top of basilar artery aneurysm
I60.43 Bifid basilar artery aneurysm
I60.44 Aneurysm at origin of superior cerebellar artery
I60.45 Aneurysm at origin of anterior inferior cerebellar artery

I60.5 Subarachnoid haemorrhage from vertebral artery
Includes: intracranial vertebral artery aneurysm
Use additional code (I60.85), if desired, in case of dissecting aneurysm.

I60.50 Aneurysm at origin of posterior inferior cerebellar artery
I60.51 Subarachnoid haemorrhage from ruptured spinal artery aneurysm

I60.6 Subarachnoid haemorrhage from other intracranial arteries
I60.60 Distal superior cerebellar artery aneurysm
I60.61 Distal anterior inferior cerebellar artery aneurysm
I60.62 Distal posterior inferior cerebellar artery aneurysm
I60.63 Internal auditory artery aneurysm
I60.64 Proximal posterior cerebral artery aneurysm
I60.65 Distal posterior cerebral artery aneurysm
I60.67 Ruptured aneurysms of several intracranial arteries
I60.68 Aneurysm of other specified intracranial arteries

I60.7 Subarachnoid haemorrhage from intracranial artery, unspecified
Ruptured (congenital) berry aneurysm NOS
Subarachnoid haemorrhage from:
• cerebral artery NOS
• communicating artery NOS
• multiple cerebral arteries NOS


ICD-NA

I60.8 Other subarachnoid haemorrhage

Includes: meningeal haemorrhage

I60.80 Rupture of specified arteriovenous malformation

Excludes: nonruptured arteriovenous malformation of cerebral vessels (Q28.2)

I60.800 Ruptured arteriovenous malformation in hemisphere, cortical

I60.8000 Frontal

I60.8001 Temporal

I60.8002 Parietal

I60.8003 Occipital

160.8007 Involving more than one lobe

I60.801 Ruptured arteriovenous malformation in hemisphere, subcortical

I60.8010 Basal ganglia

I60.8011 Internal capsule

I60.8012 Thalamus

I60.8013 Hypothalamus

I60.8014 Corpus callosum

I60.8017 Involving more than one subcortical structure

I60.802 Ruptured arteriovenous malformation in hemisphere, unspecified

I60.803 Ruptured arteriovenous malformation in brain stem

I60.8030 Midbrain

I60.8031 Pons

I60.8032 Medulla

I60.8037 Involving more than one subdivision of brain stem

I60.804 Ruptured arteriovenous malformation in cerebellum

I60.805 Ruptured arteriovenous malformation in choroid plexus

I60.8050 Choroid plexus in lateral ventricle

I60.8051 Choroid plexus in third ventricle

I60.8052 Choroid plexus in fourth ventricle

I60.8057 Multiple locations in choroid plexus

I60.806 Ruptured arteriovenous malformation in spinal cord

I60.8060 Cervical spinal cord

I60.8061 Thoracic spinal cord

I60.8062 Lumbosacral spinal cord

I60.8067 More than one subdivision of spinal cord
DISEASES OF THE CIRCULATORY SYSTEM

I60.807 Multiple or widespread ruptured arteriovenous malformation
I60.81 Subarachnoid haemorrhage from coagulation disorder classified elsewhere
   Use additional code, if desired, to indicate associated disorder.
I60.82 Subarachnoid haemorrhage from primary intracerebral haemorrhage classified elsewhere
   Use additional code (I61), if desired, to indicate the type of haemorrhage.
I60.83 Subarachnoid haemorrhage from ruptured mycotic aneurysm
I60.84 Subarachnoid haemorrhage from intracranial artery dissection (dissecting aneurysm)
I60.85 Subarachnoid haemorrhage due to tumour
   Use additional code, if desired, to identify tumour.

I60.9 Subarachnoid haemorrhage, unspecified
I60.90 Ruptured (congenital) cerebral aneurysm NOS
I60.91 Primary subarachnoid haemorrhage (without aneurysm, arteriovenous malformation or other cause)

I61 Intracerebral haemorrhage
Use additional code, if desired, to identify cause.

*Excludes:* sequelae of intracerebral haemorrhage (I69.1)
traumatic intracerebral haemorrhage (S06.3)

Use additional sixth character, if desired, to indicate side:
I61.xx0 Left
I61.xx1 Right
I61.xx2 Bilateral

I61.0 Intracerebral haemorrhage in hemisphere, subcortical

*Includes:* deep intracerebral haemorrhage

I61.00 Basal ganglia
I61.01 Thalamus
I61.02 Internal capsule
I61.03 Hypothalamus
I61.04 Corpus callosum
I61.07 Involving more than one subcortical structure

I61.1 Intracerebral haemorrhage in hemisphere, cortical

*Includes:* cerebral lobe haemorrhage
   superficial intracerebral haemorrhage
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>I61.10</td>
<td>Frontal</td>
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<tr>
<td>I61.11</td>
<td>Temporal</td>
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<td>I61.12</td>
<td>Parietal</td>
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<tr>
<td>I61.13</td>
<td>Occipital</td>
</tr>
<tr>
<td>I61.17</td>
<td>Involving more than one lobe</td>
</tr>
</tbody>
</table>

**I61.2** Intracerebral haemorrhage in hemisphere, unspecified

**I61.3** Intracerebral haemorrhage in brain stem

- I61.30 Midbrain
- I61.31 Pons
- I61.32 Medulla
- I61.37 Involving more than one subdivision of brain stem

**I61.4** Intracerebral haemorrhage in cerebellum

- I61.40 Cerebellar hemisphere
- I61.41 Cerebellar tonsil
- I61.42 Vermis
- I61.47 Involving more than one subdivision of cerebellum

**I61.5** Intracerebral haemorrhage, intraventricular

- I61.50 Lateral ventricle
- I61.51 Third ventricle
- I61.52 Fourth ventricle
- I61.57 Multiple ventricles

**I61.6** Intracerebral haemorrhage, multiple localized

**I61.8** Other intracerebral haemorrhage

**I61.9** Intracerebral haemorrhage, unspecified

**I62** Other nontraumatic intracranial haemorrhage

*Excludes:* sequelae of intracranial haemorrhage (I69.2)

**I62.0** Subdural haemorrhage (acute)(nontraumatic)

*Excludes:* traumatic subdural haematoma (S06.5)

Use additional sixth character, if desired, to indicate side:

- I62.00 Acute nontraumatic subdural haemorrhage (haematoma)
- I62.01 Subacute nontraumatic subdural haemorrhage (haematoma)
DISEASES OF THE CIRCULATORY SYSTEM

I62.02 Chronic nontraumatic subdural haemorrhage (haematoma)

I62.1 Nontraumatic extradural haemorrhage
 INCLUDES: nontraumatic epidural haemorrhage
 EXCLUDES: traumatic extradural haematoma (S06.4)
 I62.10 Acute nontraumatic extradural haemorrhage (haematoma)
 I62.11 Subacute nontraumatic extradural haemorrhage (haematoma)
 I62.12 Chronic nontraumatic extradural haemorrhage (haematoma)

I62.9 Intracranial haemorrhage (nontraumatic), unspecified

I63 Cerebral infarction
 EXCLUDES: sequelae of cerebral infarction (I69.3)
 Use additional sixth character, if desired, to indicate side:
 I63.xx0 Left
 I63.xx1 Right
 I63.xx2 Bilateral

I63.0 Cerebral infarction due to thrombosis of precerebral arteries
 Use additional code, if desired, to identify etiology of thrombosis.
 I63.00 Internal carotid artery
 I63.01 Common carotid artery
 I63.02 Innominate artery
 I63.03 Vertebral artery
 I63.04 Basilar artery
 I63.05 Subclavian artery
 I63.06 External carotid artery
 I63.07 Multiple or bilateral precerebral arteries

I63.1 Cerebral infarction due to embolism of precerebral arteries
 Use additional code, if desired, to identify source of embolus, for example:
 • atrial fibrillation (I48)
 • cardiac intraventricular clot due to myocardial infarction (I21.-)
 • congenital heart valve disease (I38)
 • endocarditis in diseases classified elsewhere (I39.-*)
 • rheumatic heart valve disease (I05–I09)
 I63.10 Internal carotid artery
 I63.11 Common carotid artery
ICD-NA

163.12 Innominate artery
163.13 Vertebral artery
163.14 Basilar artery
163.15 Subclavian artery
163.16 External carotid artery
163.17 Multiple or bilateral precerebral arteries

163.2 Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries
Use additional code, if desired, to indicate etiology of occlusion or stenosis.

163.20 Internal carotid artery
163.21 Common carotid artery
163.22 Innominate artery
163.23 Vertebral artery
163.24 Basilar artery
163.25 Subclavian artery
163.26 External carotid artery
163.27 Multiple or bilateral precerebral arteries

163.3 Cerebral infarction due to thrombosis of cerebral arteries
Use additional code, if desired, to indicate etiology of thrombosis.

163.30 Middle cerebral artery
163.31 Anterior cerebral artery
163.32 Posterior cerebral artery
163.33 Superior cerebellar artery
163.34 Anterior inferior cerebellar artery
163.35 Posterior inferior cerebellar artery
163.36 Lenticulo-striate arteries
163.37 Anterior choroidal artery
163.38 Posterior communicating artery
163.39 Multiple or bilateral arteries

163.4 Cerebral infarction due to embolism of cerebral arteries
Use additional code, if desired, to identify source of embolus, for example:
- atrial fibrillation (I48)
- cardiac intraventricular clot due to myocardial infarction (I21.-)
- congenital heart valve disease (I38)
- endocarditis in diseases classified elsewhere (I39.-*)
- rheumatic heart valve disease (I05–I09)
DISEASES OF THE CIRCULATORY SYSTEM

I63.40 Middle cerebral artery
I63.41 Anterior cerebral artery
I63.42 Posterior cerebral artery
I63.43 Superior cerebellar artery
I63.44 Anterior inferior cerebellar artery
I63.45 Posterior inferior cerebellar artery
I63.46 Lenticulo-striate arteries
I63.47 Anterior choroidal artery
I63.48 Posterior communicating artery
I63.49 Multiple or bilateral arteries

I63.5 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
I63.50 Middle cerebral artery
I63.51 Anterior cerebral artery
I63.52 Posterior cerebral artery
I63.53 Superior cerebellar artery
I63.54 Anterior inferior cerebellar artery
I63.55 Posterior inferior cerebellar artery
I63.56 Lenticulo-striate arteries
I63.57 Anterior choroidal artery
I63.58 Posterior communicating artery
I63.59 Multiple or bilateral arteries

I63.6 Cerebral infarction due to cerebral venous thrombosis, nonpyogenic
I63.60 Cerebral cortical vein
I63.61 Sagittal sinus
I63.62 Great cerebral vein (Galen)
I63.63 Straight sinus
I63.64 Sigmoid sinus
I63.65 Jugular vein
I63.66 Cavernous sinus
I63.67 Multiple or bilateral veins or sinus

I63.8 Other cerebral infarction

I63.9 Cerebral infarction, unspecified

I64 Stroke, not specified as haemorrhage or infarction
Cerebrovascular accident NOS
Excludes: sequelae of stroke (I69.4)
ICD-NA

165 Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction

Includes: embolism } \{ of basilar, carotid and
narrowing narrowing vertebral arteries, not
obstruction (complete) resulting in cerebral
(partial) infarction
thrombosis

Excludes: atherosclerosis of ophthalmic artery (I70.81)
when causing cerebral infarction (I63.–)

Use additional sixth character, if desired, to indicate side:
I65.xx0 Left
I65.xx1 Right
I65.xx2 Bilateral

165.0 Occlusion and stenosis of vertebral artery
I65.00 Plaque on vertebral artery
I65.01 Non-obstructive stenosis of vertebral artery
I65.02 Obstructive (>70%) stenosis of vertebral artery
I65.03 Occlusion of vertebral artery

165.1 Occlusion and stenosis of basilar artery
I65.10 Plaque on basilar artery
I65.11 Non-obstructive stenosis of basilar artery
I65.12 Obstructive (>70%) stenosis of basilar artery
I65.13 Occlusion of basilar artery

165.2 Occlusion and stenosis of carotid artery
I65.20 Plaque on internal carotid artery
I65.21 Non-obstructive stenosis of internal carotid artery
I65.22 Obstructive (>70%) stenosis of internal carotid artery
I65.23 Occlusion of internal carotid artery
I65.24 Plaque on common carotid artery
I65.25 Non-obstructive stenosis of common carotid artery
I65.26 Obstructive (>70%) stenosis of common carotid artery
I65.27 Occlusion of common carotid artery
I65.28 Stenosis of external carotid artery
I65.29 Occlusion of external carotid artery

165.3 Occlusion and stenosis of multiple and bilateral precerebral arteries

165.8 Occlusion and stenosis of other precerebral arteries
I65.80 Plaque on innominate artery
I65.81 Non-obstructive stenosis of innominate artery
DISEASES OF THE CIRCULATORY SYSTEM

I65.82 Obstructive (>70%) stenosis of innominate artery
I65.83 Occlusion of innominate artery
I65.84 Plaque on subclavian artery
I65.85 Non-obstructive stenosis of subclavian artery
I65.86 Obstructive (>70%) stenosis of subclavian artery
I65.87 Occlusion of subclavian artery

I65.9 Occlusion and stenosis of unspecified precerebral artery
Precerebral artery NOS

I66 Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction

Includes:
- embolism
- narrowing
- obstruction (complete)
- (partial)
- thrombosis
  of middle, anterior and posterior cerebral arteries, and cerebellar arteries, not resulting in cerebral infarction

Excludes: when causing cerebral infarction (I63.-)

Use additional sixth character, if desired, to indicate side:
- I66.xx0 Left
- I66.xx1 Right
- I66.xx2 Bilateral

I66.0 Occlusion and stenosis of middle cerebral artery

I66.00 Plaque on middle cerebral artery
I66.01 Non-obstructive stenosis of middle cerebral artery
I66.02 Obstructive (>70%) stenosis of middle cerebral artery
I66.03 Occlusion of middle cerebral artery

I66.1 Occlusion and stenosis of anterior cerebral artery

I66.10 Plaque on anterior cerebral artery
I66.11 Non-obstructive stenosis of anterior cerebral artery
I66.12 Obstructive (>70%) stenosis of anterior cerebral artery
I66.13 Occlusion of anterior cerebral artery

I66.2 Occlusion and stenosis of posterior cerebral artery

I66.20 Plaque on posterior cerebral artery
I66.21 Non-obstructive stenosis of posterior cerebral artery
I66.22 Obstructive (>70%) stenosis of posterior cerebral artery
I66.23 Occlusion of posterior cerebral artery
I66.3 Occlusion and stenosis of cerebellar arteries
  I66.30 Plaque on cerebellar arteries
  I66.31 Non-obstructive stenosis of cerebellar arteries
  I66.32 Obstructive (>70%) stenosis of cerebellar arteries
  I66.33 Occlusion of cerebellar arteries

I66.4 Occlusion and stenosis of multiple and bilateral cerebral arteries

I66.8 Occlusion and stenosis of other cerebral arteries
  I66.80 Occlusion and stenosis of perforating arteries
  I66.81 Occlusion and stenosis of anterior communicating artery
  I66.82 Occlusion and stenosis of posterior communicating artery
  I66.83 Occlusion and stenosis of aberrant cerebral artery

I66.9 Occlusion and stenosis of unspecified cerebral artery

I67 Other cerebrovascular diseases
  Excludes: sequelae of the listed conditions (I69.8)

I67.0 Dissection of cerebral arteries, nonruptured
  Includes: precerebral arteries, nonruptured
  Excludes: ruptured cerebral arteries (I60.7)
  Use additional sixth character, if desired, to indicate side:
    I67.0x0 Left
    I67.0x1 Right
    I67.0x2 Bilateral
  I67.00 Dissection of common carotid artery
  I67.01 Dissection of extracranial internal carotid artery
  I67.02 Dissection of intracranial internal carotid artery
  I67.03 Dissection of extracranial vertebral artery
  I67.04 Dissection of intracranial vertebral artery
  I67.05 Dissection of basilar artery
  I67.06 Dissection of middle cerebral artery
  I67.07 Dissection of anterior cerebral artery
  I67.08 Dissection of posterior cerebral artery
  I67.09 Dissection of other specified cerebral or precerebral artery
DISEASES OF THE CIRCULATORY SYSTEM

167.1 Cerebral aneurysm, nonruptured

Includes: cerebral:
- aneurysm NOS
- arteriovenous fistula, acquired

Excludes: congenital cerebral aneurysm, nonruptured (Q28.-)
ruptured cerebral aneurysm NOS (I60.9)

Use additional seventh character, if desired, to indicate side:
- I67.1xx0 Left
- I67.1xx1 Right
- I67.1xx2 Bilateral

For multiple specified nonruptured cerebral aneurysms, code each one separately.

167.10 Carotid siphon and internal carotid artery bifurcation
  - I67.100 Aneurysm at origin of ophthalmic artery
  - I67.101 Aneurysm at origin of anterior choroidal artery
  - I67.102 Aneurysm at origin of posterior communicating artery
  - I67.103 Aneurysm at bifurcation of internal carotid artery
  - I67.104 Carotido-cavernous aneurysm

167.11 Middle cerebral artery
  - I67.110 Proximal (M1-horizontal segment) middle cerebral artery aneurysm
  - I67.111 Aneurysm at major bi- or trifurcation of middle cerebral artery
  - I67.112 Distal middle cerebral artery aneurysm
    Use additional code (I60.83), if desired, in case of mycotic aneurysm.

167.12 Anterior cerebral and communicating artery
  - I67.120 Anterior communicating artery aneurysm
  - I67.121 Proximal (A1-horizontal segment) anterior cerebral artery aneurysm
  - I67.122 Distal (A2-vertical segment) anterior cerebral artery aneurysm
  - I67.123 Pericallosal artery aneurysm
    Use additional code (I60.83), if desired, in case of mycotic aneurysm.

167.13 Posterior communicating artery
Distal posterior communicating artery aneurysm

167.14 Basilar artery
  - I67.140 Proximal basilar artery (vertebral artery confluence) aneurysm
  - I67.141 Midbasilar artery aneurysm
I67.142 Top of basilar artery aneurysm
I67.143 Bifid basilar artery aneurysm
I67.144 Aneurysm at origin of superior cerebellar artery
I67.145 Aneurysm at origin of anterior inferior cerebellar artery
I67.15 Vertebral artery
   Includes: intracranial vertebral artery aneurysm
I67.150 Aneurysm at origin of posterior inferior cerebellar artery
I67.17 Multiple intracranial aneurysms, unspecified
I67.18 Other intracranial arteries
   I67.180 Distal superior cerebellar artery
   I67.181 Distal anterior inferior cerebellar artery
   I67.182 Distal posterior inferior cerebellar artery
   I67.183 Internal auditory artery
   I67.184 Proximal posterior cerebral artery
   I67.185 Distal posterior cerebral artery

I67.2 Cerebral atherosclerosis
   Atheroma of cerebral arteries

I67.3 Progressive vascular leukoencephalopathy
  Binswanger's disease
   Use additional code (F01.2), if appropriate, to indicate the presence of a vascular dementia syndrome.

I67.4 Hypertensive encephalopathy

I67.5 Moyamoya disease
   I67.50 Primary moyamoya disease
      Idiopathic occlusion of basal arteries with rete mirabilis
   I67.51 Secondary moyamoya disease
      Use additional code, if desired, to identify the cause of basal artery occlusion.

I67.6 Nonpyogenic thrombosis of intracranial venous system
   Includes: nonpyogenic thrombosis of:
   • cerebral vein
   • intracranial venous sinus
   Excludes: when causing infarction (I63.6)
   I67.60 Cerebral cortical vein
   I67.61 Sagittal sinus
   I67.62 Great cerebral artery (Galen)
   I67.63 Straight sinus
   I67.64 Sigmoid sinus
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I67.65</td>
<td>Jugular vein</td>
</tr>
<tr>
<td>I67.66</td>
<td>Cavernous sinus</td>
</tr>
<tr>
<td>I67.67</td>
<td>Multiple cerebral vein(s) and sinus(es)</td>
</tr>
<tr>
<td>I67.68</td>
<td>Other cerebral vein or sinus</td>
</tr>
</tbody>
</table>

**I67.7 Cerebral arteritis, not elsewhere classified**

I67.70 Primary cerebral angiitis  
Granulomatous angiitis of the nervous system  
I67.78 Other cerebral arteritis, not elsewhere classified

**I67.8 Other specified cerebrovascular diseases**

*Excludes:* cerebral arteriovenous fistula, acquired (I67.1)

**I67.9 Cerebrovascular disease, unspecified**

**I68* Cerebrovascular disorders in diseases classified elsewhere**

**I68.0* Cerebral amyloid angiopathy (E85.—†)**

*Includes:* congophilic angiopathy

I68.00* Familial  
I68.01* Nonfamilial

**I68.1* Cerebral arteritis in infectious and parasitic diseases**

Cerebral arteritis:  
- listerial (A32.8†)  
- syphilitic (A52.0†)  
- tuberculous (A18.8†)

**I68.2* Cerebral arteritis in other diseases classified elsewhere**

Cerebral arteritis in systemic lupus erythematosus (M32.1†)

**I68.8* Other cerebrovascular disorders in diseases classified elsewhere**

**I69 Sequelae of cerebrovascular disease**

*Note:* This category is to be used to indicate conditions in I60–I67 as the cause of sequelae, themselves classified elsewhere. The “sequelae” include conditions specified as such or as late effects, or those present one year or more after onset of the causal condition (see also Section II, note 1.5, coding of late effects).

**I69.0 Sequelae of subarachnoid haemorrhage**

**I69.1 Sequelae of intracerebral haemorrhage**
I69.2  Sequelae of other nontraumatic intracranial haemorrhage
I69.3  Sequelae of cerebral infarction
I69.4  Sequelae of stroke, not specified as haemorrhage or infarction
I69.8  Sequelae of other and unspecified cerebrovascular diseases

Diseases of arteries, arterioles and capillaries (I70–I79)

I70  Atherosclerosis

*Includes:* arteriolosclerosis
arteriosclerosis
arteriosclerotic vascular disease
atheroma
degeneration:
• arterial
• arteriovascular
• vascular
endarteritis deformans or obliterans
senile:
• arteritis
• endarteritis

*Excludes:* cerebral (I67.2)
coronary (I25.1)

I70.0  Atherosclerosis of aorta

I70.1  Atherosclerosis of renal artery
Goldblatt’s kidney

*Excludes:* atherosclerosis of renal arterioles (I12.–)

I70.2  Atherosclerosis of arteries of extremities
Atherosclerotic gangrene
Mönckeberg’s (medial) sclerosis

I70.8  Atherosclerosis of other arteries

I70.80†  Atherosclerotic retinopathy (H36.8*)
I70.81  Atherosclerosis of ophthalmic artery

I70.9  Generalized and unspecified atherosclerosis
DISEASES OF THE CIRCULATORY SYSTEM

I71 Aortic aneurysm and dissection
I71.0 Dissection of aorta [any part]
Dissecting aneurysm of aorta (ruptured) [any part]
I71.9 Aortic aneurysm of unspecified site, without mention of rupture
Aneurysm
Dilatation \{ of aorta
Hyaline necrosis \}

I72 Other aneurysms

Includes: aneurysm (cirsoid)(false)(ruptured)

Excludes: aneurysm (of):
• aorta (I71.-)
• arteriovenous, acquired (I77.0)
• cerebral (nonruptured) (I67.1)
  • ruptured (I60.-)
• heart (I25.3)
• retinal (H35.0)
• varicose (I77.0)

I72.0 Aneurysm of carotid artery

Excludes: carotid siphon and internal carotid artery bifurcation (I60.0, I67.10)

I72.1 Aneurysm of artery of upper extremity
I72.2 Aneurysm of renal artery
I72.3 Aneurysm of iliac artery
I72.4 Aneurysm of artery of lower extremity
I72.8 Aneurysm of other specified arteries
I72.9 Aneurysm of unspecified site

I73 Other peripheral vascular diseases

Excludes: spasm of cerebral artery (G45.9)

I73.0 Raynaud's syndrome
Raynaud's:
• disease
• gangrene
• phenomenon (secondary)

I73.1 Thromboangiitis obliterans [Buerger]
I73.8 Other specified peripheral vascular diseases
Acrocyanosis
Acroparaesthesia:
• simple [Schultze's type]
• vasomotor [Nothnagel's type]
Erythrocyanosis
Erythromelalgia

I73.9 Peripheral vascular disease, unspecified
Intermittent claudication
Spasm of artery

I74 Arterial embolism and thrombosis
Includes: infarction:
• embolic
• thrombotic
occlusion:
• embolic
• thrombotic
Excludes: embolism and thrombosis:
• basilar (I63.0–I63.2, I65.1)
• carotid (I63.0–I63.2, I65.2)
• cerebral (I63.3–I63.5, I66.9)
• complicating:
  • abortion or ectopic or molar pregnancy (O08.2)
  • pregnancy, childbirth and the puerperium (O88.–)
  • coronary (I21–I25)
  • precerebral (I63.0–I63.2, I65.9)
  • retinal (H34.–)
  • vertebral (I63.0–I63.2, I65.0)

I74.0 Embolism and thrombosis of abdominal aorta
Aortic bifurcation syndrome
Leriche's syndrome

I74.1 Embolism and thrombosis of other and unspecified parts of aorta

I74.2 Embolism and thrombosis of arteries of upper extremities

I74.3 Embolism and thrombosis of arteries of lower extremities

I74.4 Embolism and thrombosis of arteries of extremities, unspecified
Peripheral arterial embolism

I74.5 Embolism and thrombosis of iliac artery
DISEASES OF THE CIRCULATORY SYSTEM

I74.8 Embolism and thrombosis of other arteries
I74.9 Embolism and thrombosis of unspecified artery

I77 Other disorders of arteries and arterioles

Excludes: collagen (vascular) diseases (M30-M36)
hypersensitivity angiitis (M31.0)

I77.0 Arteriovenous fistula, acquired
Aneurysmal varix
Arteriovenous aneurysm, acquired
Excludes: cerebral (I67.1)
traumatic — see injury of blood vessel by body region

I77.1 Stricture of artery

I77.2 Rupture of artery
Erosion
Fistula
Ulcer
of artery
Excludes: traumatic rupture of artery — see injury of blood vessel by body region

I77.3 Arterial fibromuscular dysplasia
I77.30 Arterial fibromuscular dysplasia of (pre)cerebral arteries
I77.300 Internal carotid artery
I77.301 Common carotid artery
I77.302 Innominate artery
I77.303 Vertebral artery
I77.304 Basilar artery
I77.305 Middle cerebral artery
I77.306 Anterior cerebral artery
I77.307 Posterior cerebral artery
I77.308 Other cerebral artery

I77.4 Coeliac artery compression syndrome

I77.5 Necrosis of artery

I77.6 Arteritis, unspecified
Aortitis NOS
Endarteritis NOS
Excludes: arteritis or endarteritis:
• aortic arch [Takayasu] (M31.4)
• cerebral NEC (I67.7)
• coronary (I25.8)
• deformans (I70.-)
• giant cell (M31.5–M31.6)
• obliterans (I70.-)
• senile (I70.-)

177.8 Other specified disorders of arteries and arterioles

178 Diseases of capillaries

178.0 Hereditary haemorrhagic telangiectasia
Rendu–Osler–Weber disease

179* Disorders of arteries, arterioles and capillaries in diseases classified elsewhere

179.0* Aneurysm of aorta in diseases classified elsewhere
Syphilitic aneurysm of aorta (A52.0†)

179.1* Aortitis in diseases classified elsewhere
Syphilitic aortitis (A52.0†)

Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified (I80–I89)

180.– Phlebitis and thrombophlebitis

Includes:
- endophlebitis
- inflammation, vein
- periphlebitis
- suppurative phlebitis

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Other and unspecified disorders of the circulatory system (I95–I99)

195 Hypotension

Excludes: cardiovascular collapse (R57.9)

195.0 Idiopathic hypotension
Orthostatic hypotension
Hypotension, postural
*Excludes:* neurogenic orthostatic hypotension (G90.30)
Shy–Drager syndrome (G90.31)

Hypotension due to drugs
Use additional external cause code (Chapter XX), if desired, to identify drug.

Other hypotension
Chronic hypotension

Hypotension, unspecified

Postprocedural disorders of circulatory system, not elsewhere classified

Other disorders of circulatory system in diseases classified elsewhere

Cardiovascular syphilis
Cardiovascular syphilis:
• NOS (A52.0†)
• congenital, late (A50.5†)

Cardiovascular disorders in other infectious and parasitic diseases classified elsewhere
Cardiovascular involvement NEC in Chagas’ disease (chronic) (B57.2†)
Acute upper respiratory infections (J00–J06)

**J01 Acute sinusitis**

*Includes:* abscess, empyema, acute, acute (accessory), (nasal), inflammation, suppuration

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

*Excludes:* sinusitis, chronic or NOS (J32.-)

**J01.0 Acute maxillary sinusitis**
Acute antritis

**J01.1 Acute frontal sinusitis**

**J01.2 Acute ethmoidal sinusitis**

**J01.3 Acute sphenoidal sinusitis**

**J01.4 Acute pansinusitis**

**J01.8 Other acute sinusitis**
Acute sinusitis involving more than one sinus but not pansinusitis

**J01.9 Acute sinusitis, unspecified**

Influenza and pneumonia (J10–J18)

**J10 Influenza due to identified influenza virus**

*Excludes:* *Haemophilus influenzae* [H. influenzae] meningitis (G00.0)

**J10.0 Influenza with pneumonia, influenza virus identified**
J10.8  Influenza with other manifestations, influenza virus identified
Encephalopathy due to influenza
Influenzal:
• gastroenteritis
• myocarditis (acute)
  { influenza virus identified

J11  Influenza, virus not identified
J11.0  Influenza with pneumonia, virus not identified
J11.8  Influenza with other manifestations, virus not identified
Encephalopathy due to influenza
Influenzal:
• gastroenteritis
• myocarditis (acute)
  { unspecified or specific virus not identified

J13  Pneumonia due to Streptococcus pneumoniae
Bronchopneumonia due to S. pneumoniae
J14  Pneumonia due to Haemophilus influenzae
Bronchopneumonia due to H. influenzae
J15—  Bacterial pneumonia, not elsewhere classified
Includes: bronchopneumonia due to bacteria other than S. pneumoniae and H. influenzae
J16—  Pneumonia due to other infectious organisms, not elsewhere classified
J17*  Pneumonia in diseases classified elsewhere
J17.0*  Pneumonia in bacterial diseases classified elsewhere
J18—  Pneumonia, organism unspecified
Excludes: aspiration pneumonia (due to):
• NOS (J69.0)
• newborn (P24.–)
• solids and liquids (J69.–)
Other diseases of upper respiratory tract (J30–J39)

**J32** Chronic sinusitis

*Includes:* abscess
- empyema
- infection
- suppuration

(chronic) of sinus (accessory)(nasal)

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

*Excludes:* acute sinusitis (J01–)

**J32.0** Chronic maxillary sinusitis
Antritis (chronic)

**J32.1** Chronic frontal sinusitis

**J32.2** Chronic ethmoidal sinusitis

**J32.3** Chronic sphenoidal sinusitis

**J32.4** Chronic pansinusitis

**J32.8** Other chronic sinusitis
Sinusitis (chronic) involving more than one sinus but not pansinusitis

**J32.9** Chronic sinusitis, unspecified

**J38** Diseases of vocal cords and larynx, not elsewhere classified

**J38.0** Paralysis of vocal cords and larynx
Laryngoplegia
Paralysis of glottis

Chronic lower respiratory diseases (J40–J47)

*Excludes:* cystic fibrosis (E84–)

**J40** Bronchitis, not specified as acute or chronic
Bronchitis:
- NOS
- catarrhal
- with tracheitis NOS
Tracheobronchitis NOS
Unspecified chronic bronchitis

Chronic:
- bronchitis NOS
- tracheitis
- tracheobronchitis

Emphysema

Asthma

Excludes: acute severe asthma (J46)
status asthmaticus (J46)

Status asthmaticus

Acute severe asthma

Bronchiectasis

Lung diseases due to external agents (J60–J70)

Pneumonitis due to solids and liquids

Use additional external cause code (Chapter XX), if desired, to identify cause.

Excludes: neonatal aspiration syndromes (P24.–)

Pneumonitis due to food and vomit

Aspiration pneumonia (due to):
- NOS
- food (regurgitated)
- gastric secretions
- milk
- vomit

Other respiratory diseases principally affecting the interstitium (J80–J84)

Pulmonary oedema

Acute oedema of lung
Pulmonary congestion (passive)
Suppurative and necrotic conditions of lower respiratory tract (J85–J86)

**J85.** Abscess of lung and mediastinum

Other diseases of pleura (J90–J94)

**J90** Pleural effusion, not elsewhere classified
Pleurisy with effusion

**J93.** Pneumothorax

Other diseases of the respiratory system (J95–J99)

**J95** Postprocedural respiratory disorders, not elsewhere classified

**J95.0** Tracheostomy malfunction
Haemorrhage from tracheostomy stoma
Obstruction of tracheostomy airway
Sepsis of tracheostomy stoma
Tracheo-oesophageal fistula following tracheostomy

**J98** Other respiratory disorders
*Excludes:* apnoea NOS (R06.8)
sleep apnoea (G47.3)

**J98.6** Disorders of diaphragm
Diaphragmatitis
Paralysis of diaphragm
Relaxation of diaphragm
CHAPTER XI

Diseases of the digestive system (K00–K93)

Diseases of oral cavity, salivary glands and jaws (K00–K14)

K04.– Diseases of pulp and periapical tissues

K07 Dentofacial anomalies [including malocclusion]

Excludes: hemifacial atrophy or hypertrophy (Q67.4)

K07.0 Major anomalies of jaw size

Hyperplasia, hypoplasia:

• mandibular
• maxillary

Macrognathism (mandibular)(maxillary)

Micrognathism (mandibular)(maxillary)

Excludes: acromegaly (E22.0)

Robin's syndrome (Q87.07)

K07.1 Anomalies of jaw–cranial base relationship

Asymmetry of jaw

Prognathism (mandibular)(maxillary)

Retrognathism (mandibular)(maxillary)

K07.2 Anomalies of dental arch relationship

Crossbite (anterior)(posterior)

Distro-occlusion

Mesio-occlusion

Midline deviation of dental arch

Openbite (anterior)(posterior)

Overbite (excessive):

• deep
• horizontal
• vertical

Overjet

Posterior lingual occlusion of mandibular teeth
K07.3 **Anomalies of tooth position**
- Crowding
- Diastema
- Displacement
- Rotation
- Spacing, abnormal
- Transposition

Impacted or embedded teeth with abnormal position of such teeth or adjacent teeth

K07.4 **Malocclusion, unspecified**

K07.5 **Dentofacial functional abnormalities**
- Abnormal jaw closure
- Malocclusion due to:
  - abnormal swallowing
  - mouth breathing
  - tongue, lip or finger habits

K07.6 **Temporomandibular joint disorders**
- Costen's complex or syndrome
- Derangement of temporomandibular joint
- Snapping jaw

Temporomandibular joint-pain-dysfunction syndrome

**Excludes:**
- current temporomandibular joint:
  - dislocation (S03.0)
  - strain (S03.4)

K07.8 **Other dentofacial anomalies**

K07.9 **Dentofacial anomaly, unspecified**

K12 **Stomatitis and related lesions**

K12.0 **Recurrent oral aphthae**
- Aphthous stomatitis (major)(minor)
- Bednar’s aphthae
- Periadenitis mucosa necrotica recurrens
- Recurrent aphthous ulcer
- Stomatitis herpetiformis
DISEASES OF THE DIGESTIVE SYSTEM

Diseases of oesophagus, stomach and duodenum (K20–K31)

K20 Oesophagitis
Abscess of oesophagus
Oesophagitis:
• NOS
• chemical
• peptic

Use additional external cause code (Chapter XX), if desired, to identify cause.

Excludes: erosion of oesophagus (K22.1)

K22 Other diseases of oesophagus
K22.1 Ulcer of oesophagus
Erosion of oesophagus
Ulcer of oesophagus:
• NOS
• due to ingestion of:
  • chemicals
  • drugs and medicaments
• fungal
• peptic

Use additional external cause code (Chapter XX), if desired, to identify cause.

The following fourth-character subdivisions are for use with categories K25–K28:

K2x.0 Acute with haemorrhage
K2x.1 Acute with perforation
K2x.2 Acute with both haemorrhage and perforation
K2x.3 Acute without haemorrhage or perforation
K2x.4 Chronic or unspecified with haemorrhage
K2x.5 Chronic or unspecified with perforation
K2x.6 Chronic or unspecified with both haemorrhage and perforation
K2x.7 Chronic without haemorrhage or perforation
K2x.9  Unspecified as acute or chronic, without haemorrhage or perforation

K25  Gastric ulcer
[See pages 291–292 for subdivisions]

Includes: erosion (acute) of stomach
ulcer (peptic):
• pylorus
• stomach

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

K26  Duodenal ulcer
[See pages 291–292 for subdivisions]

Includes: erosion (acute) of duodenum
ulcer (peptic):
• duodenal
• postpyloric

Use additional external cause code (Chapter XX), if desired, to identify drug, if drug-induced.

Excludes: peptic ulcer NOS (K27.–)

K27  Peptic ulcer, site unspecified
[See pages 291–292 for subdivisions]

Includes: gastroduodenal ulcer NOS
peptic ulcer NOS

K28  Gastrojejunal ulcer
[See pages 291–292 for subdivisions]

Includes: ulcer (peptic) or erosion:
• anastomotic
• gastrocolic
• gastrointestinal
• gastrojejunal
• jejunal
• marginal
• stomal

K29  Gastritis and duodenitis
Excludes: Zollinger–Ellison syndrome (E16.8)
DISEASES OF THE DIGESTIVE SYSTEM

K29.2 Alcoholic gastritis
K29.8 Duodenitis
K29.9 Gastroduodenitis, unspecified

K30 Dyspepsia
Indigestion
Excludes: dyspepsia:
- nervous (F45.3)
- neurotic (F45.3)
- psychogenic (F45.3)

K31 Other diseases of stomach and duodenum
Excludes: gastrointestinal haemorrhage (K92.0–K92.2)

K31.3 Pylorospasm, not elsewhere classified
Excludes: pylorospasm:
- neurotic (F45.3)
- psychogenic (F45.3)

Noninfective enteritis and colitis
(K50–K52)
Includes: noninfective inflammatory bowel disease

K50.– Crohn’s disease [regional enteritis]
Includes: granulomatous enteritis

K51.– Ulcerative colitis

Other diseases of intestines
(K55–K63)

K58 Irritable bowel syndrome
Includes: irritable colon

K58.0 Irritable bowel syndrome with diarrhoea
K58.9 Irritable bowel syndrome without diarrhoea

K59 Other functional intestinal disorders
Excludes: intestinal malabsorption (K90.–)
psychogenic intestinal disorders (F45.3)
K59.0  Constipation
K59.1  Functional diarrhoea
K59.2  Neurogenic bowel, not elsewhere classified
K59.4  Anal spasm
   Proctalgia fugax

Diseases of peritoneum (K65–K67)

K65  Peritonitis

Diseases of liver (K70–K77)

Excludes: haemochromatosis (E83.10)
   Reye’s syndrome (G93.7)
   viral hepatitis (B15–B19)
   Wilson’s disease (E83.01)

K70  Alcoholic liver disease
K70.0  Alcoholic fatty liver
K70.1  Alcoholic hepatitis
K70.2  Alcoholic fibrosis and sclerosis of liver
K70.3  Alcoholic cirrhosis of liver
K70.4  Alcoholic hepatic failure
   Alcoholic hepatic failure:
   • NOS
   • acute
   • chronic
   • subacute
   • with or without hepatic coma

K70.9  Alcoholic liver disease, unspecified

K71  Toxic liver disease
Includes: drug-induced:
   • idiosyncratic (unpredictable) liver disease
   • toxic (predictable) liver disease
Use additional external cause code (Chapter XX), if desired, to identify toxic agent.

Excludes: alcoholic liver disease (K70.–)

**K71.0** Toxic liver disease with cholestasis
Cholestasis with hepatocyte injury
"Pure" cholestasis

**K71.1** Toxic liver disease with hepatic necrosis
Hepatic failure (acute)(chronic) due to drugs

**K72.–** Hepatic failure, not elsewhere classified
Includes: hepatic:
• coma NOS
• encephalopathy NOS
hepatitis:
• acute
• fulminant NEC, with hepatic failure
• malignant
liver (cell) necrosis with hepatic failure
yellow liver atrophy or dystrophy

Excludes: alcoholic hepatic failure (K70.4)
viral hepatitis (B15–B19)
with toxic liver disease (K71.1)

Disorders of gallbladder, biliary tract and pancreas
(K80–K87)

**K85** Acute pancreatitis
Abscess of pancreas
Necrosis of pancreas:
• acute
• infective
Pancreatitis:
• NOS
• acute (recurrent)
• haemorrhagic
• subacute
• suppurrative

**K86** Other diseases of pancreas

**K86.0** Alcohol-induced chronic pancreatitis
K86.1 Other chronic pancreatitis
Chronic pancreatitis:
• NOS
• infectious
• recurrent
• relapsing

Other diseases of the digestive system
(K90–K93)

K90 Intestinal malabsorption
K90.8 Other intestinal malabsorption
Whipple’s disease† (M14.8*)

K92 Other diseases of digestive system
K92.0 Haematemesis
K92.1 Melaena
K92.2 Gastrointestinal haemorrhage, unspecified
Haemorrhage:
• gastric NOS
• intestinal NOS
CHAPTER XII

Diseases of the skin and subcutaneous tissue (L00–L99)

Urticaria and erythema (L50–L54)

L51. Erythema multiforme
L52 Erythema nodosum

Other disorders of the skin and subcutaneous tissue (L80–L99)

L89 Decubitus ulcer
   Bed sore
   Plaster ulcer
   Pressure ulcer

L99* Other disorders of skin and subcutaneous tissue in diseases classified elsewhere

L99.0* Amyloidosis of skin (E85.–†)
L99.8* Other specified disorders of skin and subcutaneous tissue in diseases classified elsewhere
   Syphilitic:
   • alopecia (A51.3†)
   • leukoderma (A51.3†, A52.7†)
**CHAPTER XIII**

**Diseases of the musculoskeletal system and connective tissue (M00–M99)**

*Excludes:* compartment syndrome (T79.6)  
endocrine, nutritional and metabolic disorders (E00–E90)

**Site of musculoskeletal involvement**

The following subclassification to indicate the site of involvement is provided for optional use with appropriate categories in Chapter XIII. As local extensions or specialty adaptations may vary in the number of characters used, it is suggested that the supplementary site subclassification be placed in an identifiably separate position (e.g. in an additional box). Different subclassifications for use with dorsopathies are given on page 304.

<table>
<thead>
<tr>
<th>0</th>
<th>Multiple sites</th>
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<tbody>
<tr>
<td>1</td>
<td>Shoulder region</td>
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<td>Upper arm</td>
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<tr>
<td>3</td>
<td>Forearm</td>
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<tr>
<td>4</td>
<td>Hand</td>
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<tr>
<td>5</td>
<td>Pelvic region</td>
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<tr>
<td></td>
<td>and thigh</td>
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<td></td>
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<tr>
<td>6</td>
<td>Lower leg</td>
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<tr>
<td>7</td>
<td>Ankle and foot</td>
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</tbody>
</table>
DISEASES OF THE MUSCULOSKELETAL SYSTEM

8 Other
   head
   neck
   ribs
   skull
   trunk
   vertebral column

9 Site unspecified

Arthropathies
(M00–M25)

Disorders affecting predominantly peripheral (limb) joints

**M03** Postinfective and reactive arthropathies in diseases classified elsewhere
[See site code pages 298–299]

**M03.0** Postmeningococcal arthritis (A39.8†)

**M03.1** Postinfective arthropathy in syphilis
   Clutton’s joints (A50.5†)

**M05** Seropositive rheumatoid arthritis
[See site code pages 298–299]

*Excludes:* rheumatic fever (I00)
   rheumatoid arthritis of spine (M45.–)

**M05.3** Rheumatoid arthritis with involvement of other organs and systems

Rheumatoid:
   • endocarditis (I39.–*)
   • myocarditis (I41.8*)
   • myopathy (G73.7*)
   • polyneuropathy (G63.6*)

**M10.–** Gout
[See site code pages 298–299]

**M11.–** Other crystal arthropathies
[See site code pages 298–299]
M14* Arthropathies in other diseases classified elsewhere

M14.0* Gouty arthropathy due to enzyme defects and other inherited disorders
Gouty arthropathy in:
• Lesch–Nyhan syndrome (E79.1†)
• sickle-cell disorders (D57.-†)

M14.1* Crystal arthropathy in other metabolic disorders
Crystal arthropathy in hyperparathyroidism (E21.-†)

M14.2* Diabetic arthropathy (E10–E14† with common fourth character .6)

M14.6* Neuropathic arthropathy
Charcot’s or tabetic arthropathy (A52.1†)
Diabetic neuropathic arthropathy (E10–E14† with common fourth character .6)

M14.8* Arthropathies in other specified diseases classified elsewhere
Arthropathy in:
• erythema:
  • multiforme (L51.-†)
  • nodosum (L52†)
• sarcoidosis (D86.8†)
• Whipple’s disease (K90.8†)

Systemic connective tissue disorders (M30–M36)

Includes: autoimmune disease:
• NOS
• systemic collagen (vascular) disease:
• NOS
• systemic

Excludes: autoimmune disease, single organ or single cell-type (code to relevant condition category)

M30 Polyarteritis nodosa and related conditions

M30.0 Polyarteritis nodosa
DISEASES OF THE MUSCULOSKELETAL SYSTEM

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

M31 Other necrotizing vasculopathies

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

M32 Systemic lupus erythematosus

M32.0 Drug-induced systemic lupus erythematosus
Use additional external cause code (Chapter XX), if desired, to identify drug.

M32.1† Systemic lupus erythematosus with organ or system involvement
Libman–Sacks disease (I39*)
M32.8 Other forms of systemic lupus erythematosus
M32.9 Systemic lupus erythematosus, unspecified

M33 Dermatopolymyositis

M33.0 Juvenile dermatomyositis
Childhood dermatomyositis
M33.1 Other dermatomyositis
M33.10 Adult idiopathic dermatomyositis

M33.2 Polymyositis
M33.20 Juvenile polymyositis
   Childhood polymyositis
M33.21 Adult idiopathic polymyositis
M33.22 Other secondary polymyositis
   Use additional code, if desired, to identify cause, e.g.
   HIV disease (B23.8); sarcoidosis (D86.-).
M33.23 Eosinophilic polymyositis
M33.24 Perimyositis
M33.25 Eosinophilic perimyositis
M33.26 Inclusion body myositis
M33.28 Other specified dermatopolymyositis

M33.9 Dermatopolymyositis, unspecified

M34 Systemic sclerosis
   Includes: scleroderma

M34.0 Progressive systemic sclerosis

M34.1 CR(E)ST syndrome
   Combination of calcinosis, Raynaud's phenomenon, (o)esophageal
dysfunction, sclerodactyly, telangiectasia.

M34.2 Systemic sclerosis induced by drugs and chemicals
   Use additional external cause code (Chapter XX), if desired, to
   identify cause.

M34.8 Other forms of systemic sclerosis
   Systemic sclerosis with myopathy† (G73.7*)

M34.9 Systemic sclerosis, unspecified

M35 Other systemic involvement of connective tissue

M35.0 Sicca syndrome [Sjögren]
   Sjögren's syndrome with myopathy† (G73.7*)

M35.1 Other overlap syndromes
   Mixed connective tissue disease
   Excludes: polyangiitis overlap syndrome (M30.8)

M35.2 Behçet's disease
M35.3 Polymyalgia rheumatica
Excludes: polymyalgia rheumatica with giant cell arteritis (M31.5)

M35.4 Diffuse (eosinophilic) fasciitis

M35.5 Multifocal fibrosclerosis

M35.6 Relapsing panniculitis [Weber–Christian]

M35.7 Hypermobility syndrome
Familial ligamentous laxity
Excludes: Ehlers–Danlos syndrome (Q79.6)

M35.8 Other specified systemic involvement of connective tissue

M35.9 Systemic involvement of connective tissue, unspecified
Autoimmune disease (systemic) NOS
Collagen (vascular) disease NOS

M36* Systemic disorders of connective tissues in diseases classified elsewhere

M36.0* Dermato(poly)myositis in neoplastic disease (C00–D48†)
  M36.00* Paraneoplastic dermatomyositis
  M36.01* Paraneoplastic polymyositis

M36.1* Arthropathy in neoplastic disease (C00–D48†)
Arthropathy in:
• leukaemia (C91–C95†)
• malignant histiocytosis (C96.1†)
• multiple myeloma (C90.0†)

M36.2* Haemophilic arthropathy (D66–D68†)

M36.3* Arthropathy in other blood disorders (D50–D76†)

M36.4* Arthropathy in hypersensitivity reactions classified elsewhere
Arthropathy in Henoch(–Schönlein) purpura (D69.0†)

M36.8* Systemic disorders of connective tissue in other diseases classified elsewhere
Systemic disorders of connective tissue in ochronosis (E70.2†)
Dorsopathies
(M40–M54)

The following supplementary subclassification to indicate the site of involvement is recommended for optional use with appropriate categories in the section on dorsopathies other than categories M50 and M51; see also note on page 298.

0  Multiple sites in spine
1  Occipito-atlanto-axial region
2  Cervical region
3  Cervicothoracic region
4  Thoracic region
5  Thoracolumbar region
6  Lumbar region
7  Lumbosacral region
8  Sacral and sacrococcygeal region
9  Site unspecified

M40  Kyphosis and lordosis
[See site code above]

Excludes: congenital:
• kyphosis (Q76.42)
• lordosis (Q76.43)
kyphoscoliosis (M41.–)

M40.0  Postural kyphosis
Excludes: osteochondrosis of spine (M42.–)

M40.1  Other secondary kyphosis

M40.2  Other and unspecified kyphosis

M40.3  Flatback syndrome

M40.4  Other lordosis
Lordosis:
• acquired
• postural

M40.5  Lordosis, unspecified

M41  Scoliosis
[See site code above]

Includes: kyphoscoliosis
Excludes: congenital scoliosis due to bony malformations (Q76.3)
DISEASES OF THE MUSCULOSKELETAL SYSTEM

M41.0 Infantile idiopathic scoliosis
M41.1 Juvenile idiopathic scoliosis
  Adolescent scoliosis
M41.2 Other idiopathic scoliosis
M41.3 Thoracogenic scoliosis
M41.4 Neuromuscular scoliosis
  Scoliosis secondary to cerebral palsy, Friedreich’s ataxia, polio-
  myelitis, and other neuromuscular disorders.
M41.5 Other secondary scoliosis
M41.8 Other forms of scoliosis
M41.9 Scoliosis, unspecified

M42 Spinal osteochondrosis
[See site code page 304]
M42.0 Juvenile osteochondrosis of spine
  Calvé’s disease
  Scheuermann’s disease
  Excludes: postural kyphosis (M40.0)
M42.1 Adult osteochondrosis of spine
M42.9 Spinal osteochondrosis, unspecified

M43 Other deforming dorsopathies
[See site code page 304]
  Excludes: congenital malformations of the spine and bony thorax
  (Q76.-)
  spinal curvature in:
  • osteoporosis (M80–M81)
  • Paget’s disease of bone [osteitis deformans] (M88.-)

M43.0 Spondylolysis
M43.1 Spondylolisthesis
M43.2 Other fusion of spine
  Ankylosis of spinal joint
  Excludes: ankylosing spondylitis (M45)
M43.3 Recurrent atlantoaxial subluxation with myelopathy
M43.4 Other recurrent atlantoaxial subluxation
M43.5 Other recurrent vertebral subluxation

M43.6 Torticollis
*Excludes:* torticollis:
- congenital (sternomastoid) (Q68.0)
- current injury — see injury of spine by body region
- psychogenic (F45.8)
- spasmodic (G24.3)

M43.8 Other specified deforming dorsopathies
*Excludes:* kyphosis and lordosis (M40.-)
  scoliosis (M41.-)

M43.9 Deforming dorsopathy, unspecified
Curvature of spine NOS

M45 Ankylosing spondylitis
[See site code page 304]
*Excludes:* Behçet’s disease (M35.2)

M46 Other inflammatory spondylopathies
[See site code page 304]

M46.0 Spinal enthesopathy
Disorder of ligamentous or muscular attachments of spine

M46.1 Sacroiliitis, not elsewhere classified

M46.2 Osteomyelitis of vertebra

M46.3 Infection of intervertebral disc (pyogenic)
Use additional code (B95–B97), if desired, to identify infectious agent.

M46.4 Discitis, unspecified

M46.5 Other infective spondylopathies

M46.8 Other specified inflammatory spondylopathies

M46.9 Inflammatory spondylopathy, unspecified

M47 Spondylosis
[See site code page 304]
*Includes:* arthrosis or osteoarthritis of spine
degeneration of facet joints

M47.0† Anterior spinal or vertebral artery compression syndromes
(G99.2†)
M47.1 Other spondylosis with myelopathy
Spondylogenic compression of spinal cord† (G99.2*)
Excludes: vertebral subluxation (M43.3–M43.5)

M47.2 Other spondylosis with radiculopathy

M47.8 Other spondylosis
Cervical spondylosis
Lumbosacral spondylosis
Thoracic spondylosis
without myelopathy or radiculopathy

M47.9 Spondylosis, unspecified

M48 Other spondylopathies
[See site code page 304]

M48.0 Spinal stenosis
Caudal stenosis

M48.1 Ankylosing hyperostosis [Forestier]
Diffuse idiopathic skeletal hyperostosis [DISH]

M48.2 Kissing spine

M48.3 Traumatic spondylopathy

M48.4 Fatigue fracture of vertebra
Stress fracture of vertebra

M48.5 Collapsed vertebra, not elsewhere classified
Collapsed vertebra NOS
Wedging of vertebra NOS
Excludes: collapsed vertebra in osteoporosis (M80.–)
current injury — see injury of spine by body region

M48.8 Other specified spondylopathies
Ossification of posterior longitudinal ligament

M48.9 Spondylopathy, unspecified

M49* Spondylopathies in diseases classified elsewhere
[See site code page 304]

M49.0* Tuberculosis of spine (A18.0†)
Pott’s curvature

M49.1* Brucella spondylitis (A23.–†)

M49.2* Enterobacterial spondylitis (A01–A04†)
ICD-NA

M49.3* Spondylopathy in other infectious and parasitic diseases classified elsewhere

M49.4* Neuropathic spondylopathy
Neuropathic spondylopathy in:
• syringomyelia and syringobulbia (G95.0†)
• tabes dorsalis (A52.1†)

M49.5* Collapsed vertebra in diseases classified elsewhere
Metastatic fracture of vertebra (C79.5†)

M49.8* Spondylopathy in other diseases classified elsewhere

M50 Cervical disc disorders
Includes: cervical disc disorders with cervicalgia
cervicothoracic disc disorders

M50.0† Cervical disc disorder with myelopathy (G99.2*)

M50.1 Cervical disc disorder with radiculopathy
Excludes: brachial radiculitis NOS (M54.1)

M50.2 Other cervical disc displacement

M50.3 Other cervical disc degeneration

M50.8 Other cervical disc disorders

M50.9 Cervical disc disorder, unspecified

M51 Other intervertebral disc disorders
Includes: thoracic, thoracolumbar and lumbosacral disc disorders

M51.0† Lumbar and other intervertebral disc disorders with myelopathy (G99.2*)

M51.1 Lumbar and other intervertebral disc disorders with radiculopathy
Excludes: lumbar radiculitis NOS (M54.1)

M51.10 Sciatica due to intervertebral disc disorder, L4/L5 (sciatica L5)

M51.11 Sciatica due to intervertebral disc disorder, L5/S1 (sciatica S1)

M51.12 Sciatica due to intervertebral disc disorder, combined

M51.13 Anterior thigh pain due to intervertebral disc disorder, L2/L3 (cruralgia L3)
DISEASES OF THE MUSCULOSKELETAL SYSTEM

M51.14 Anterior thigh pain due to intervertebral disc disorder, L3/L4 (cruralgia L4)
M51.17 Multiple radicular involvement

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

M51.3 Other specified intervertebral disc degeneration

M51.4 Schmorl's nodes

M51.8 Other specified intervertebral disc disorders

M51.9 Intervertebral disc disorder, unspecified

M53 Other dorsopathies, not elsewhere classified
[See site code page 304]

M53.0 Cervicocranial syndrome
Posterior cervical sympathetic syndrome

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

M53.2 Spinal instabilities

M53.3 Sacroccygeal disorders, not elsewhere classified
Coccygodynia

M53.8 Other specified dorsopathies

M53.9 Dorsopathy, unspecified

M54 Dorsalgia
[See site code page 304]

M54.0 Panniculitis affecting regions of neck or back
Excludes: relapsing panniculitis [Weber–Christian] (M35.6)

M54.1 Radiculopathy
Includes: neuritis or radiculitis:
• brachial NOS
• lumbar NOS
• lumbosacral NOS
• thoracic NOS
• radiculitis NOS

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

M54.10 Cervical radiculopathy, unspecified
M54.11 Thoracic radiculopathy, unspecified
M54.12 Lumbar radiculopathy, unspecified
M54.13 Lumbosacral radiculopathy, unspecified
M54.14 Sacral radiculopathy, unspecified

M54.2 Cervicalgia

Excludes: cervicalgia due to intervertebral disc disorder (M50.-)

M54.3 Sciatica

Excludes: lesion of sciatic nerve (G57.0)

sciatica:
• due to intervertebral disc lesion (M51.1)
• with lumbago (M54.4)

M54.4 Lumbago with sciatica

Excludes: that due to intervertebral disc disorder (M51.1)

M54.5 Low back pain

Loin pain
Low back strain
Lumbago NOS

Excludes: lumbago:
• due to intervertebral disc displacement (M51.2)
• with sciatica (M54.4)

M54.6 Pain in thoracic spine

Excludes: pain due to intervertebral disc disorder (M51.-)

M54.8 Other dorsalgia

M54.9 Dorsalgia, unspecified

Backache NOS

Soft tissue disorders
(M60–M79)

Excludes: dermatopolymyositis (M33.-)
muscular dystrophies and other myopathies (G71–G72)
myopathy in:
• amyloidosis (E85.-)
• polyarteritis nodosa (M30.0)
rheumatoid arthritis (M05.3)
scleroderma (M34.-)
• Sjögren’s syndrome (M35.0)
• systemic lupus erythematosus (M32.-)

**M60** Myositis
[See site code pages 298-299]

*Excludes:* dermatomyositis (M33.-)

**M60.0** Infective myositis
Tropical pyomyositis
Use additional code (B95-B97), if desired, to identify infectious agent.

**M60.1** Interstitial myositis

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

**M60.8** Other myositis

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>M60.80</td>
<td>Focal nodular myositis</td>
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<td>Focal proliferative myositis</td>
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<tr>
<td>M60.81</td>
<td>Without other organ involvement</td>
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<td>M60.82</td>
<td>With linear scleroderma</td>
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<tr>
<td>M60.83</td>
<td>Localized eosinophilic myositis</td>
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</tbody>
</table>

**M60.9** Myositis, unspecified

**M61** Calcification and ossification of muscle
[See site code pages 298-299]

**M61.0** Myositis ossificans traumatica

**M61.1** Myositis ossificans progressiva
Fibrodysplasia ossificans progressiva

**M61.2** Paralytic calcification and ossification of muscle
Myositis ossificans associated with quadriplegia or paraplegia

**M61.3** Calcification and ossification of muscles associated with burns
Myositis ossificans associated with burns

**M61.4** Other calcification of muscle

**M61.5** Other ossification of muscle

**M61.9** Calcification and ossification of muscle, unspecified
Other disorders of muscle
[See site code pages 298–299]

Excludes: cramp and spasm (R25.2)
myalgia (M79.1)
myopathy:
• alcoholic (G72.1)
• drug-induced (G72.0)
stiff-man syndrome (G25.84)

Diastasis of muscle

Other rupture of muscle (nontraumatic)

Ischaemic infarction of muscle
Excludes: compartment syndrome (T79.6)
traumatic ischaemia of muscle (T79.6)
Volkmann’s ischaemic contracture (T79.6)

Immobility syndrome (paraplegic)

Contracture of muscle

Muscle wasting and atrophy, not elsewhere classified
Disuse atrophy NEC

Muscle strain

Other specified disorders of muscle

Muscle (sheath) hernia
Muscle hypertrophy
Rigid spine syndrome due to muscle disorder

Disorders of muscle in diseases classified elsewhere

Myositis in bacterial diseases classified elsewhere
Myositis in:
• leprosy [Hansen’s disease] (A30.–†)
• syphilis (A51.4†, A52.7†)
Excludes: pyomyositis (M60.0)

Myositis in protozoal and parasitic infections classified elsewhere
Myositis in:
• cysticercosis (B69.8†)
• schistosomiasis [bilharziasis] (B65.–†)
• trichinellosis (B75†)
DISEASES OF THE MUSCULOSKELETAL SYSTEM

M63.2* Myositis in other infectious diseases classified elsewhere
Myositis in mycosis (B35–B49†)

M63.3* Myositis in sarcoidosis (D86.8†)

M63.8* Other disorders of muscle in diseases classified elsewhere

M79 Other soft tissue disorders, not elsewhere classified
[See site code pages 298–299]

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

M79.0 Rheumatism, unspecified
Fibromyalgia
Fibrositis

M79.1 Myalgia
Excludes: myositis (M60.–)

M79.2 Neuralgia and neuritis, unspecified
Excludes: mononeuropathies (G56–G58)
radiculitis:
• NOS
• brachial
• lumbosacral
sciatica (M54.3–M54.4)

Osteopathies and chondropathies
(M80–M94)

M80.– Osteoporosis with pathological fracture
[See site code pages 298–299]

Excludes: collapsed vertebra NOS (M48.5)
wedging of vertebra NOS (M48.5)

M81.– Osteoporosis without pathological fracture
[See site code pages 298–299]

M83.– Adult osteomalacia
[See site code pages 298–299]

Excludes: vitamin D-resistant osteomalacia (E83.33)

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Other disorders of bone density and structure
[See site code pages 298–299]

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

Hyperostosis of skull

Osteitis condensans

Paget's disease of bone [osteitis deformans]
[See site code pages 298–299]

Paget's disease of skull

Paget's disease of other bones

Other disorders of bone
[See site code pages 298–299]

Algoneurodystrophy
Shoulder–hand syndrome
Sudeck's atrophy
Sympathetic reflex dystrophy

Osteopathy after poliomyelitis
Use additional code (B91), if desired, to identify previous poliomyelitis.

Other specified disorders of bone
Infantile cortical hyperostoses
Post-traumatic subperiosteal ossification

Other disorders of the musculoskeletal system and connective tissue
(M95–M99)

Other acquired deformities of musculoskeletal system and connective tissue
Excludes: congenital malformations and deformations of the musculoskeletal system (Q65–Q79)
deforming dorsopathies (M40–M43)
dentofacial anomalies [including malocclusion] (K07.–)
M95.2 Other acquired deformity of head
M95.3 Acquired deformity of neck

**M99 Biomechanical lesions, not elsewhere classified**

*Note:* This category should not be used if the condition can be classified elsewhere.

The following supplementary subclassification to indicate the site of lesions is provided for optional use with appropriate subcategories in M99.-; see also note on page 298.

| 0 | Head region | occipitocervical |
| 1 | Cervical region | cervicothoracic |
| 2 | Thoracic region | thoracolumbar |
| 3 | Lumbar region | lumbosacral |
| 4 | Sacral region | sacrococcygeal, sacroiliac |
| 5 | Pelvic region | hip, pubic |
| 6 | Lower extremity |
| 7 | Upper extremity | acromioclavicular, sternoclavicular |
| 8 | Rib cage | costochondral, costovertebral, sternochondral |

| 9 | Abdomen and other |

M99.0 **Segmental and somatic dysfunction**
M99.1 **Subluxation complex (vertebral)**
M99.2 **Subluxation stenosis of neural canal**
M99.3 **Osseous stenosis of neural canal**
M99.4 **Connective tissue stenosis of neural canal**
M99.5 **Intervertebral disc stenosis of neural canal**
M99.6 **Osseous and subluxation stenosis of intervertebral foramina**
M99.7 **Connective tissue and disc stenosis of intervertebral foramina**
M99.8 **Other biomechanical lesions**
M99.9 **Biomechanical lesion, unspecified**
CHAPTER XIV

Diseases of the genitourinary system (N00–N99)

Glomerular diseases (N00–N08)

- **N00** Acute nephritic syndrome
- **N03** Chronic nephritic syndrome
- **N04** Nephrotic syndrome
  - Congenital nephrotic syndrome
  - Lipoid nephrosis
- **N05** Unspecified nephritic syndrome
  - Glomerular disease
  - Glomerulonephritis
  - Nephritis
  - Nephropathy

Renal failure (N17–N19)

Use additional external cause code (Chapter XX), if desired, to identify external agent.

- **N17.–** Acute renal failure
- **N18** Chronic renal failure
  - *Includes:* chronic uraemia
  - diffuse sclerosing glomerulonephritis
  - *Excludes:* chronic renal failure with hypertension (I12.–)
- **N18.8** Other chronic renal failure
  - Uraemic neuropathy† (G63.8*)
- **N19** Unspecified renal failure
  - Uraemia NOS
  - *Excludes:* renal failure with hypertension (I12.–)
Other disorders of kidney and ureter (N25–N29)

**N25** Disorders resulting from impaired renal tubular function

*Excludes:* metabolic disorders classifiable to E70–E90

**N25.0** Renal osteodystrophy
- Azotaemic osteodystrophy
- Phosphate-losing tubular disorders
- Renal:
  - rickets
  - short stature

**N25.1** Nephrogenic diabetes insipidus

**N25.8** Other disorders resulting from impaired renal tubular function
- Lightwood–Albright syndrome
- Renal tubular acidosis NOS
- Secondary hyperparathyroidism of renal origin

Other diseases of the urinary system (N30–N39)

**N31** Neuromuscular dysfunction of bladder, not elsewhere classified

*Excludes:* cord bladder NOS (G95.84)
- due to spinal cord lesion (G95.8)
- neurogenic bladder due to cauda equina syndrome (G83.41)
- urinary incontinence NOS (R32)

**N31.0** Uninhibited neuropathic bladder, not elsewhere classified

**N31.1** Reflex neuropathic bladder, not elsewhere classified

**N31.2** Flaccid neuropathic bladder, not elsewhere classified
- Neuropathic bladder:
  - atonic (motor)(sensory)
  - autonomous
  - nonreflex

**N31.8** Other neuromuscular dysfunction of bladder
N31.9  Neuromuscular dysfunction of bladder, unspecified
       Neurogenic bladder dysfunction NOS

Diseases of male genital organs
   (N40–N51)

   N46   Male infertility
   N48   Other disorders of penis
   N48.3 Priapism
       Painful erection
       Excludes: sleep-related painful erections (G47.83)
   N48.4 Impotence of organic origin
       Use additional code, if desired, to identify cause.

Disorders of breast
   (N60–N64)

   N64   Other disorders of breast
   N64.3 Galactorrhoea not associated with childbirth

Noninflammatory disorders of female genital tract
   (N80–N98)

   N91   Absent, scanty and rare menstruation
       Excludes: ovarian dysfunction (E28.–)
   N91.0 Primary amenorrhoea
       Failure to start menstruation at puberty.
   N91.1 Secondary amenorrhoea
       Absence of menstruation in a woman who had previously
       menstruated.
   N91.2 Amenorrhoea, unspecified
       Absence of menstruation NOS
   N91.3 Primary oligomenorrhoea
       Menstruation which is scanty or rare from the start.
   N91.4 Secondary oligomenorrhoea
       Scanty and rare menstruation in a woman with previously normal
       periods.
DISEASES OF THE GENITOURINARY SYSTEM

N91.5 Oligomenorrhoea, unspecified
        Hypomenorrhoea NOS

N94 Pain and other conditions associated with female genital organs and menstrual cycle
N94.0 Mittelschmerz
N94.1 Dyspareunia
N94.2 Vaginismus
N94.3 Premenstrual tension syndrome
N94.4 Primary dysmenorrhoea
N94.5 Secondary dysmenorrhoea
N94.6 Dysmenorrhoea, unspecified
N94.8 Other specified conditions associated with female genital organs and menstrual cycle
N94.9 Unspecified condition associated with female genital organs and menstrual cycle

N95 Menopausal and other perimenopausal disorders
        Excludes: (postmenopausal) osteoporosis (M81.–)
        • with pathological fracture (M80.–)
N95.0 Postmenopausal bleeding
        Excludes: that associated with artificial menopause (N95.3)
N95.1 Menopausal and female climacteric states
        Symptoms such as flushing, sleeplessness, headache, lack of concentration, associated with menopause
        Excludes: that associated with artificial menopause (N95.3)
N95.2 Postmenopausal atrophic vaginitis
        Senile (atrophic) vaginitis
        Excludes: that associated with artificial menopause (N95.3)
N95.3 States associated with artificial menopause
        Post-artificial-menopause syndrome

N97 Female infertility
        Includes: inability to achieve a pregnancy
        sterility, female NOS
N97.0 Female infertility associated with anovulation
Excludes: obstetrical tetanus (A34)
postpartum necrosis of pituitary gland (E23.01)

Pregnancy with abortive outcome
(O00–O08)

O08 Complications following abortion and ectopic and molar pregnancy

Note: This code is provided primarily for morbidity coding. For use of this category reference should be made to the morbidity coding rules and guidelines in Volume 2 of ICD-10.

O08.2 Embolism following abortion and ectopic and molar pregnancy

O08.3 Shock following abortion and ectopic and molar pregnancy

O08.4 Renal failure following abortion and ectopic and molar pregnancy

O08.5 Metabolic disorders following abortion and ectopic and molar pregnancy

O08.7 Other venous complications following abortion and ectopic and molar pregnancy

O08.8 Other complications following abortion and ectopic and molar pregnancy
Anoxic brain damage complicating abortion and ectopic and molar pregnancy
PREGNANCY, CHILDBIRTH AND THE PUEPERIUM

Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (O10–O16)

O10.– Pre-existing hypertension complicating pregnancy, childbirth and the puerperium

Includes: any condition in I10–I15 with pre-existing proteinuria

O12.– Gestational [pregnancy-induced] oedema and proteinuria without hypertension

O13 Gestational [pregnancy-induced] hypertension without significant proteinuria

Mild pre-eclampsia

O14 Gestational [pregnancy-induced] hypertension with significant proteinuria

O14.0 Moderate pre-eclampsia

O14.1 Severe pre-eclampsia

O14.9 Pre-eclampsia, unspecified

O15 Eclampsia

Includes: convulsions following conditions in O10, O12–O14 and O16
eclampsia with pregnancy-induced or pre-existing hypertension

O15.0 Eclampsia in pregnancy

O15.1 Eclampsia in labour

O15.2 Eclampsia in the puerperium

O15.9 Eclampsia, unspecified as to time period

Eclampsia NOS

O16 Unspecified maternal hypertension

Transient hypertension of pregnancy
Other maternal disorders predominantly related to pregnancy (O20–O29)

O21  Excessive vomiting in pregnancy

O21.0  Mild hyperemesis gravidarum
Hyperemesis gravidarum, mild or unspecified, starting before the end of the 22nd week of gestation

O21.1  Hyperemesis gravidarum with metabolic disturbance
Hyperemesis gravidarum, starting before the end of the 22nd week of gestation, with metabolic disturbance such as:
- carbohydrate depletion
- dehydration
- electrolyte imbalance

O21.2  Late vomiting of pregnancy
Excessive vomiting starting after 22 completed weeks of gestation

O21.8  Other vomiting complicating pregnancy
Vomiting due to diseases classified elsewhere, complicating pregnancy
Use additional code, if desired, to identify cause.

O21.9  Vomiting of pregnancy, unspecified

O22  Venous complications in pregnancy

O22.0  Varicose veins of lower extremity in pregnancy

O22.5  Cerebral venous thrombosis in pregnancy
Cerebrovenous sinus thrombosis in pregnancy

O26  Maternal care for other conditions predominantly related to pregnancy

O26.8  Other specified pregnancy-related conditions
Pregnancy-related peripheral neuritis

O29  Complications of anaesthesia during pregnancy

O29.2  Central nervous system complications of anaesthesia during pregnancy
Cerebral anoxia due to anaesthesia during pregnancy
Maternal care related to the fetus and amniotic cavity and possible delivery problems (O30–O48)

O35 Maternal care for known or suspected fetal abnormality and damage

Includes: the listed conditions in the fetus as a reason for observation, hospitalization or other obstetric care of the mother, or for termination of pregnancy

O35.0 Maternal care for (suspected) central nervous system malformation in fetus

Maternal care for (suspected) fetal:
- anencephaly
- spina bifida

Excludes: chromosomal abnormality in fetus (O35.1)

O35.1 Maternal care for (suspected) chromosomal abnormality in fetus

O35.2 Maternal care for (suspected) hereditary disease in fetus

Excludes: chromosomal abnormality in fetus (O35.1)

O35.3 Maternal care for (suspected) damage to fetus from viral disease in mother

Maternal care for (suspected) damage to fetus from maternal:
- cytomegalovirus infection
- rubella

O35.4 Maternal care for (suspected) damage to fetus from alcohol

O35.5 Maternal care for (suspected) damage to fetus by drugs

Maternal care for (suspected) damage to fetus from drug addiction

O35.6 Maternal care for (suspected) damage to fetus by radiation

O36 Maternal care for other known or suspected fetal problems

Includes: the listed conditions in the fetus as a reason for observation, hospitalization or other obstetric care of the mother, or for termination of pregnancy

O36.3 Maternal care for signs of fetal hypoxia
Complications of labour and delivery (O60–O75)

O74 Complications of anaesthesia during labour and delivery

Includes: maternal complications arising from the administration of a general or local anaesthetic, analgesic or other sedation during labour and delivery

O74.0 Aspiration pneumonitis due to anaesthesia during labour and delivery
Inhalation of stomach contents or secretions NOS due to anaesthesia during labour and delivery
Mendelson's syndrome

O74.1 Other pulmonary complications of anaesthesia during labour and delivery
Pressure collapse of lung due to anaesthesia during labour and delivery

O74.2 Cardiac complications of anaesthesia during labour and delivery
Cardiac: arrest failure due to anaesthesia during labour and delivery

O74.3 Central nervous system complications of anaesthesia during labour and delivery
Cerebral anoxia due to anaesthesia during labour and delivery

O74.4 Toxic reaction to local anaesthesia during labour and delivery

O74.5 Spinal and epidural anaesthesia-induced headache during labour and delivery

O74.6 Other complications of spinal and epidural anaesthesia during labour and delivery

O74.7 Failed or difficult intubation during labour and delivery

O74.8 Other complications of anaesthesia during labour and delivery

O74.9 Complication of anaesthesia during labour and delivery, unspecified
PREGNANCY, CHILDBIRTH AND THE Puerperium

O75 Other complications of labour and delivery, not elsewhere classified

O75.0 Maternal distress during labour and delivery

O75.1 Shock during or following labour and delivery
Obstetric shock

O75.2 Pyrexia during labour, not elsewhere classified

O75.3 Other infection during labour
Septicaemia during labour

O75.4 Other complications of obstetric surgery and procedures
Cardiac:
• arrest
• failure
Cerebral anoxia
following caesarean or other obstetric surgery
or procedures, including delivery NOS

Complications predominantly related to the puerperium
(O85–O92)

O87 Venous complications in the puerperium
Includes: in labour, delivery and the puerperium
Excludes: obstetric embolism (O88.–)
venous complications in pregnancy (O22.–)

O87.3 Cerebral venous thrombosis in the puerperium
Cerebrovenous sinus thrombosis in the puerperium

O87.8 Other venous complications in the puerperium

O87.9 Venous complication in the puerperium, unspecified
Puerperal:
• phlebitis NOS
• phlebopathy NOS
• thrombosis NOS

O88 Obstetric embolism
Includes: pulmonary emboli in pregnancy, childbirth or the puerperium
Excludes: embolism complicating abortion or ectopic or molar pregnancy (O08.2)

O88.0 Obstetric air embolism
O88.1 Amniotic fluid embolism
O88.2 Obstetric blood-clot embolism
O88.3 Obstetric pyaemic and septic embolism
O88.8 Other obstetric embolism
  Obstetric fat embolism

O89 Complications of anaesthesia during the puerperium
O89.2 Central nervous system complications of anaesthesia during the puerperium
  Cerebral anoxia due to anaesthesia during the puerperium
O89.3 Toxic reaction to local anaesthesia during the puerperium
O89.4 Spinal and epidural anaesthesia-induced headache during the puerperium
O89.5 Other complications of spinal and epidural anaesthesia during the puerperium

O99 Other maternal diseases classifiable elsewhere but complicating pregnancy, childbirth and the puerperium
  Use additional code, if desired, to identify specific condition.
O99.3 Mental disorders and diseases of the nervous system complicating pregnancy, childbirth and the puerperium
  Conditions in F00–F99 and G00–G99
  Excludes: pregnancy-related peripheral neuritis (O26.8)
CHAPTER XVI

Certain conditions originating in the perinatal period (P00–P99)

*Includes:* conditions that have their origin in the perinatal period even though death or morbidity occurs later

*Excludes:* congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)
endocrine, nutritional and metabolic diseases (E00–E90)
injury, poisoning and certain consequences of external causes (S00–T98)
neoplasms (C00–D48)
tetanus neonatorum (A33)

Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery (P00–P04)

*Includes:* the listed maternal conditions only when specified as a cause of mortality and morbidity in fetus or newborn

**P00**
Fetus and newborn affected by maternal conditions that may be unrelated to present pregnancy

**P00.4**
Fetus and newborn affected by maternal nutritional disorders
Fetus or newborn affected by maternal disorders classifiable to E40–E64
Maternal malnutrition NOS

**P00.5**
Fetus and newborn affected by maternal injury
Fetus or newborn affected by maternal conditions classifiable to S00–T79

**P00.6**
Fetus and newborn affected by surgical procedure on mother
*Excludes:* caesarean section for present delivery (P03.4)
previous surgery to uterus or pelvic organs (P03.8)
P00.7  Fetus and newborn affected by other medical procedures on mother, not elsewhere classified
Fetus or newborn affected by radiology

P01.–  Fetus and newborn affected by maternal complications of pregnancy

P02.–  Fetus and newborn affected by complications of placenta, cord and membranes

P03  Fetus and newborn affected by other complications of labour and delivery

P03.0  Fetus and newborn affected by breech delivery and extraction

P03.1  Fetus and newborn affected by other malpresentation, malposition and disproportion during labour and delivery
- Contracted pelvis
- Persistent occipitoposterior
- Transverse lie

P03.2  Fetus and newborn affected by forceps delivery

P03.3  Fetus and newborn affected by delivery by vacuum extractor [ventouse]

P03.4  Fetus and newborn affected by caesarean delivery

P03.5  Fetus and newborn affected by precipitate delivery
- Rapid second stage

P03.6  Fetus and newborn affected by abnormal uterine contractions
- Hypertonic labour
- Uterine inertia

P03.8  Fetus and newborn affected by other specified complications of labour and delivery
- Abnormality of maternal soft tissues
- Destructive operation to facilitate delivery
- Fetus or newborn affected by other conditions classifiable to O60– O75 and by procedures used in labour and delivery not included in P02.– and P03.0–P03.6
- Induction of labour

P03.9  Fetus and newborn affected by complication of labour and delivery, unspecified
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

**P04** Fetus and newborn affected by noxious influences transmitted via placenta or breast milk

*Excludes:* congenital malformations (Q00–Q99)
neonatal jaundice from other excessive haemolysis due
to drugs or toxins transmitted from mother (P58.–)

**P04.0** Fetus and newborn affected by maternal anaesthesia and analgesia in pregnancy, labour and delivery
Reactions and intoxications from maternal opiates and tranquillizers administered during labour and delivery

**P04.1** Fetus and newborn affected by other maternal medication
Cancer chemotherapy
Cytotoxic drugs
*Excludes:* dysmorphism due to warfarin (Q86.2)
fetal hydantoin syndrome (Q86.1)
maternal use of drugs of addiction (P04.4)

**P04.2** Fetus and newborn affected by maternal use of tobacco

**P04.3** Fetus and newborn affected by maternal use of alcohol
*Excludes:* fetal alcohol syndrome (Q86.0)

**P04.4** Fetus and newborn affected by maternal use of drugs of addiction
*Excludes:* withdrawal symptoms from maternal use of drugs of addiction (P96.1)

**P04.5** Fetus and newborn affected by maternal use of nutritional chemical substances

**P04.6** Fetus and newborn affected by maternal exposure to environmental chemical substances

**P04.8** Fetus and newborn affected by other maternal noxious influences

**P04.9** Fetus and newborn affected by maternal noxious influence, unspecified

Disorders related to length of gestation and fetal growth (P05–P08)

**P05** Slow fetal growth and fetal malnutrition
P05.0 **Light for gestational age**
Usually referred to as weight below but length above 10th centile for gestational age.

Light-for-dates

P05.1 **Small for gestational age**
Usually referred to as weight and length below 10th centile for gestational age.

Small-for-dates

P05.2 **Fetal malnutrition without mention of light or small for gestational age**
Infant, not light or small for gestational age, showing signs of fetal malnutrition, such as dry, peeling skin and loss of subcutaneous tissue.

P05.9 **Slow fetal growth, unspecified**
Fetal growth retardation NOS

**P07.— Disorders related to short gestation and low birth weight, not elsewhere classified**

*Note:* When both birth weight and gestational age are available, priority of assignment should be given to birth weight.

*Includes:* the listed conditions, without further specification, as causes of mortality, morbidity or additional care, in newborn

**P08.— Disorders related to long gestation and high birth weight**

*Note:* When both birth weight and gestational age are available, priority of assignment should be given to birth weight.

*Includes:* the listed conditions, without further specification, as causes of mortality, morbidity or additional care, in fetus or newborn
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

Birth trauma (P10–P15)

P10 Intracranial laceration and haemorrhage due to birth injury
   Excludes: intracranial haemorrhage of fetus or newborn:
   • NOS (P52.9)
   • due to anoxia or hypoxia (P52.–)

P10.0 Subdural haemorrhage due to birth injury
   Subdural haematoma (localized) due to birth injury
   Excludes: subdural haemorrhage accompanying tentorial tear (P10.4)

P10.1 Cerebral haemorrhage due to birth injury

P10.2 Intraventricular haemorrhage due to birth injury

P10.3 Subarachnoid haemorrhage due to birth injury

P10.4 Tentorial tear due to birth injury

P10.8 Other intracranial lacerations and haemorrhages due to birth injury

P10.9 Unspecified intracranial laceration and haemorrhage due to birth injury

P11 Other birth injury to central nervous system

P11.0 Cerebral oedema due to birth injury

P11.1 Other specified brain damage due to birth injury

P11.2 Unspecified brain damage due to birth injury

P11.3 Birth injury to facial nerve
   Facial palsy due to birth injury

P11.4 Birth injury to other cranial nerves

P11.5 Birth injury to spine and spinal cord
   Fracture of spine due to birth injury

P11.9 Birth injury to central nervous system, unspecified

P14 Birth injury to peripheral nervous system

P14.0 Erb’s paralysis due to birth injury

P14.1 Klumpke’s paralysis due to birth injury
ICD-NA

P14.2 Phrenic nerve paralysis due to birth injury
P14.3 Other brachial plexus birth injuries
P14.8 Birth injuries to other parts of peripheral nervous system
P14.9 Birth injury to peripheral nervous system, unspecified

Respiratory and cardiovascular disorders specific to the perinatal period
(P20–P29)

P20 Intrauterine hypoxia

Includes: abnormal fetal heart rate
fetal or intrauterine:
• acidosis
• anoxia
• asphyxia
• distress
• hypoxia
meconium in liquor
passage of meconium

Excludes: intracranial haemorrhage due to anoxia or hypoxia (P52.–)

P20.0 Intrauterine hypoxia first noted before onset of labour
P20.1 Intrauterine hypoxia first noted during labour and delivery
P20.9 Intrauterine hypoxia, unspecified

P21 Birth asphyxia

P21.0 Severe birth asphyxia
Pulse less than 100 per minute at birth and falling or steady, respiration absent or gasping, colour poor, muscle tone absent.

Asphyxia with 1-minute Apgar score 0–3
White asphyxia

P21.1 Mild and moderate birth asphyxia
Normal respiration not established within one minute, but heart rate 100 or above, some muscle tone present, some response to stimulation.

Asphyxia with 1-minute Apgar score 4–7
Blue asphyxia
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

P21.9 Birth asphyxia, unspecified
   Anoxia
   Asphyxia NOS
   Hypoxia

P22 Respiratory distress of newborn
P22.0 Respiratory distress syndrome of newborn
   Hyaline membrane disease
P22.1 Transient tachypnoea of newborn
P22.8 Other respiratory distress of newborn
P22.9 Respiratory distress of newborn, unspecified

P23.– Congenital pneumonia
   Includes: infective pneumonia acquired in utero or during birth

P24.– Neonatal aspiration syndromes
   Includes: neonatal pneumonia resulting from aspiration

Infections specific to the perinatal period
(P35–P39)

Includes: infections acquired in utero or during birth
Excludes: asymptomatic human immunodeficiency virus [HIV] infection
   status (Z21)
   congenital:
   • gonococcal infection (A54.–)
   • pneumonia (P23.–)
   • syphilis (A50.–)
   human immunodeficiency virus [HIV] disease (B20–B24)
   infectious diseases acquired after birth (A00–B99, J10–J11)
   laboratory evidence of human immunodeficiency virus [HIV]
   (R75)
   tetanus neonatorum (A33)

P35 Congenital viral diseases
P35.0 Congenital rubella syndrome
   Congenital rubella pneumonitis
P35.1 Congenital cytomegalovirus infection
P35.2 Congenital herpesviral [herpes simplex] infection
Congenital viral hepatitis

Other congenital viral diseases
Congenital varicella [chickenpox]

Congenital viral disease, unspecified

Other congenital infectious and parasitic diseases
Excludes: congenital syphilis (A50.−)
tetanus neonatorum (A33)

Congenital tuberculosis

Congenital toxoplasmosis
Hydrocephalus due to congenital toxoplasmosis

Neonatal (disseminated) listeriosis

Congenital falciparum malaria

Other congenital malaria

Neonatal candidiasis

Omphalitis of newborn with or without mild haemorrhage

Other infections specific to the perinatal period

Haemorrhagic and haematological disorders of fetus and newborn
(P50–P61)

Intracranial nontraumatic haemorrhage of fetus and newborn
Includes: intracranial haemorrhage due to anoxia or hypoxia
Excludes: intracranial haemorrhage due to injury:
• birth (P10.−)
• maternal (P00.5)
• other (S06.−)

Intraventricular (nontraumatic) haemorrhage, grade 1, of fetus and newborn
Subependymal haemorrhage (without intraventricular extension)
P52.1 Intraventricular (nontraumatic) haemorrhage, grade 2, of fetus and newborn
Subependymal haemorrhage with intraventricular extension

P52.2 Intraventricular (nontraumatic) haemorrhage, grade 3, of fetus and newborn
Subependymal haemorrhage with both intraventricular and intracerebral extension

P52.3 Unspecified intraventricular (nontraumatic) haemorrhage of fetus and newborn

P52.4 Intracerebral (nontraumatic) haemorrhage of fetus and newborn

P52.5 Subarachnoid (nontraumatic) haemorrhage of fetus and newborn

P52.6 Cerebellar (nontraumatic) and posterior fossa haemorrhage of fetus and newborn

P52.8 Other intracranial (nontraumatic) haemorrhages of fetus and newborn

P52.9 Intracranial (nontraumatic) haemorrhage of fetus and newborn, unspecified

P53 Haemorrhagic disease of fetus and newborn
Vitamin K deficiency of newborn

P57 Kernicterus

P57.0 Kernicterus due to isoimmunization

P57.8 Other specified kernicterus
Excludes: Crigler–Najjar syndrome (E80.5)

P57.9 Kernicterus, unspecified

P58. Neonatal jaundice due to other excessive haemolysis

P59. Neonatal jaundice from other and unspecified causes
Excludes: due to inborn errors of metabolism (E70–E90)
      kernicterus (P57.–)
Transitory endocrine and metabolic disorders specific to fetus and newborn (P70–P74)

Includes: transitory endocrine and metabolic disturbances caused by the infant’s response to maternal endocrine and metabolic factors, or its adjustment to extrauterine existence

P70 Transitory disorders of carbohydrate metabolism specific to fetus and newborn
P70.0 Syndrome of infant of mother with gestational diabetes
P70.1 Syndrome of infant of a diabetic mother
Maternal diabetes mellitus (pre-existing) affecting fetus or newborn (with hypoglycaemia)
P70.2 Neonatal diabetes mellitus
P70.3 Iatrogenic neonatal hypoglycaemia
P70.4 Other neonatal hypoglycaemia
Transitory neonatal hypoglycaemia

P71 Transitory neonatal disorders of calcium and magnesium metabolism
P71.0 Cow’s milk hypocalcaemia in newborn
P71.1 Other neonatal hypocalcaemia
Excludes: neonatal hypoparathyroidism (P71.4)
P71.2 Neonatal hypomagnesaemia
P71.3 Neonatal tetany without calcium or magnesium deficiency
Neonatal tetany NOS
P71.4 Transitory neonatal hypoparathyroidism

P72 Other transitory neonatal endocrine disorders
Excludes: congenital hypothyroidism with or without goitre (E03.0–E03.1)
P72.1 Transitory neonatal hyperthyroidism
Neonatal thyrotoxicosis
P72.2 Other transitory neonatal disorders of thyroid function, not elsewhere classified
Transitory neonatal hypothyroidism
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

Other disorders originating in the perinatal period (P90–P96)

P74 Other transitory neonatal electrolyte and metabolic disturbances

P74.0 Late metabolic acidosis of newborn
P74.1 Dehydration of newborn
P74.2 Disturbances of sodium balance of newborn
P74.3 Disturbances of potassium balance of newborn
P74.5 Transitory tyrosinaemia of newborn

Convulsions of newborn

Excludes: benign neonatal convulsions (familial) (G40.31)

Use an additional fifth character to indicate the type of convulsion:

P90.-0 Clonic
P90.-1 Tonic
P90.-2 Myoclonic
P90.-3 Other, including subtle

Use an additional sixth character to further specify the type of convulsion:

P90.-x0 Focal
P90.-x1 Multifocal
P90.-x2 Generalized

Use an additional code, if desired, to identify associated condition(s) or cause, such as birth injury (P10.-, P11.-), birth asphyxia (P21.-), infectious diseases (P35.-, P37.-), haemorrhagic disorders (P52.-, P53, P57.-), metabolic disorders (P70.-, P71.-, P74.-), withdrawal symptoms from maternal use of drugs of addiction (P96.1).

Other disturbances of cerebral status of newborn

P91 Other disturbances of cerebral status of newborn

P91.0 Neonatal cerebral ischaemia
P91.1 Acquired periventricular cysts of newborn
P91.2 Neonatal cerebral leukomalacia
P91.3 Neonatal cerebral irritability
P91.4 Neonatal cerebral depression
**ICD-NA**

P91.5 Neonatal coma

P91.8 Other specified disturbances of cerebral status of newborn

P91.9 Disturbance of cerebral status of newborn, unspecified

**P94** Disorders of muscle tone of newborn

P94.0 Transient neonatal myasthenia gravis
  *Excludes:* myasthenia gravis (G70.0)

P94.1 Congenital hypertonia

P94.2 Congenital hypotonia
  Nonspecific floppy baby syndrome

P94.8 Other disorders of muscle tone of newborn

P94.9 Disorder of muscle tone of newborn, unspecified

**P96** Other conditions originating in the perinatal period

P96.0 Congenital renal failure
  Uraemia of newborn

P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction
  Drug withdrawal syndrome in infant of dependent mother
  *Excludes:* reactions and intoxications from maternal opiates and tranquillizers administered during labour and delivery (P04.0)

P96.2 Withdrawal symptoms from therapeutic use of drugs in newborn

P96.3 Wide cranial sutures of newborn
  Neonatal craniotabes
CHAPTER XVII

Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)

Excludes: inborn errors of metabolism (E70–E90)

Congenital malformations of the nervous system (Q00–Q07)

Q00 Anencephaly and similar malformations

Q00.0 Anencephaly

Q00.00 Acrania
Q00.01 Acephaly
Q00.02 Atelencephaly clausa
Q00.03 Atelencephaly aperta
Q00.04 Hemicephaly
Q00.05 Hemianencephaly
Q00.06 Amyelencephaly
Q00.07 Hydranencephaly
Q00.08 Other anencephaly

Q00.1 Craniorachischisis

Q00.2 Iniencephaly

Q00.20 Iniencephaly clausa
Q00.21 Iniencephaly aperta

Q01 Encephalocele

Use additional sixth character, if desired, to indicate:

Q01.xx0 Encephalomyelocele
Q01.xx1 Hydroencephalocele
Q01.xx2 Hydromeningocele, cranial
Q01.xx3 Meningocele, cerebral
Q01.xx4 Meningoencephalocele
Q01.0  Frontal encephalocele
Q01.1  Nasofrontal encephalocele
Q01.2  Occipital encephalocele
Q01.8  Encephalocele of other sites
   Q01.80  Parietal encephalocele
   Q01.81  Nasopharyngeal encephalocele
   Q01.82  Temporal encephalocele
   Q01.83  Orbital encephalocele
Q01.9  Encephalocele, unspecified

Q02  Microcephaly
   Q02.-0  Hydromicrocephaly
   Q02.-1  Micrencephalon

Q03  Congenital hydrocephalus
   Include(s): hydrocephalus in newborn
   Exclude(s): Arnold–Chiari syndrome (Q07.0)
   hydrocephalus:
      • acquired (G91.–)
      • due to congenital toxoplasmosis (P37.1)
      • with spina bifida (Q05.0–Q05.4)

Q03.0  Malformations of aqueduct of Sylvius
   Aqueduct of Sylvius:
      • anomaly
      • obstruction, congenital
      • stenosis
Q03.1  Atresia of foramina of Magendie and Luschka
   Dandy–Walker syndrome
Q03.8  Other congenital hydrocephalus
   Q03.80  Congenital hydrocephalus in malformations classified elsewhere
Q03.9  Congenital hydrocephalus, unspecified

Q04  Other congenital malformations of brain
   Exclude(s): cyclopia (Q87.02)
               macrocephaly (Q75.3)
Q04.0  Congenital malformations of corpus callosum
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q04.00 Total agenesis of corpus callosum
Q04.01 Partial agenesis of corpus callosum
Q04.02 Agenesis with lipoma of corpus callosum
Q04.08 Other congenital malformations of corpus callosum

Q04.1 Arhinencephaly
Q04.2 Holoprosencephaly
Q04.3 Other reduction deformities of brain
   Excludes: congenital malformation of corpus callosum (Q04.0)

Q04.30 Agyria
Q04.31 Lissencephaly
Q04.32 Microgyria
Q04.33 Pachygyria
Q04.34 Agenesis of part of brain, unspecified
   Includes: absence
              aplasia          of part of brain, unspecified
              hypoplasia

Use additional sixth character, if desired and appropriate, to indicate location:

Q04.3x0 Frontal
Q04.3x1 Temporal
Q04.3x2 Parietal
Q04.3x3 Occipital
Q04.3x4 Brain stem
Q04.3x5 Cerebellum hemispheres
Q04.3x6 Cerebellar vermis
Q04.3x7 Optic nerves
Q04.3x8 Thalamus or basal ganglia
Q04.3x9 Hypothalamus

Q04.4 Septo-optic dysplasia
Q04.5 Megalencephaly
   Q04.50 Symmetrical megalencephaly

Q04.6 Congenital cerebral cysts
   Excludes: acquired porencephalic cyst (G93.01)

Q04.60 Porencephaly
Q04.61 Schizencephaly
Q04.62 Multicystic encephalomalacia
Q04.63 Congenital leptomeningeal cyst
ICD-NA

Q04.8 Other specified congenital malformations of brain
Q04.80 Macrogryria
Q04.81 Ulegyria
Q04.82 Agenesis of septum pellucidum
Q04.83 Copocephaly
Q04.84 Disorders of neuronal migration
   Q04.840 Cortical lamination abnormality
   Q04.841 Neuronal heterotopia

Q04.9 Congenital malformation of brain, unspecified
Congenital:
• anomaly
• deformity
• disease or lesion
• multiple anomalies
   } NOS of brain

Q05 Spina bifida
For spina bifida associated with other congenital abnormalities, use additional codes, if desired, to identify each condition.

Excludes: Arnold–Chiari syndrome (Q07.0)
   spina bifida occulta (Q76.0)

Use additional fifth character, if desired, to indicate:
Q05.x0 Hydromeningocele, spinal
Q05.x1 Lipomeningocele
Q05.x2 Meningomyelocele
Q05.x3 Myelocele
Q05.x4 Myelomeningocele
Q05.x5 Rachischisis
Q05.x6 Spina bifida (aperta)(cystica)
Q05.x7 Syringomyelocele

Q05.0 Cervical spina bifida with hydrocephalus

Q05.1 Thoracic spina bifida with hydrocephalus
Spina bifida:
• dorsal
• thoracolumbar
   } with hydrocephalus

Q05.2 Lumbar spina bifida with hydrocephalus
Lumbosacral spina bifida with hydrocephalus

Q05.3 Sacral spina bifida with hydrocephalus

Q05.4 Unspecified spina bifida with hydrocephalus
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q05.5 Cervical spina bifida without hydrocephalus
Q05.6 Thoracic spina bifida without hydrocephalus
   Spina bifida:
   • dorsal NOS
   • thoracolumbar NOS
Q05.7 Lumbar spina bifida without hydrocephalus
   Lumbosacral spina bifida NOS
Q05.8 Sacral spina bifida without hydrocephalus
Q05.9 Spina bifida, unspecified

Q06 Other congenital malformations of spinal cord
Q06.0 Amyelia
Q06.1 Hypoplasia and dysplasia of spinal cord
   Atelomyelia
   Myelatelia
   Myelodysplasia of spinal cord
Q06.2 Diastematomyelia
Q06.3 Other congenital cauda equina malformations
Q06.4 Hydromyelia
   Hydorachis
   Isolated hydromelia
   Excludes: hydromelia associated with syringomyelia and syringobulbia (G95.0)
Q06.8 Other specified congenital malformations of spinal cord
   Q06.80 Diplomyelia
   Q06.81 Tethered spinal cord
Q06.9 Congenital malformation of spinal cord, unspecified
   Congenital:
   • anomaly
   • deformity
   • disease or lesion
   NOS of spinal cord or meninges

Q07 Other congenital malformations of nervous system
   Excludes: familial dysautonomia [Riley–Day] (G90.1)
   neurofibromatosis (nonmalignant) (Q85.0)
Q07.0  **Arnold–Chiari syndrome**  
Q07.00  Chiari malformation, type I  
Q07.01  Chiari malformation, type II  
Q07.02  Chiari malformation, type III

Q07.8  **Other specified congenital malformations of nervous system**  
Q07.80  Agenesis of nerve  
Q07.81  Displacement of brachial plexus  
Q07.82  Jaw-winking syndrome [Marcus Gunn]

Q07.9  **Congenital malformation of nervous system, unspecified**  
Congenital:  
- anomaly  
- deformity  
- disease or lesion  
  NOS of nervous system

Congenital malformations of eye, ear, face and neck (Q10–Q18)

Q10  **Congenital malformations of eyelid, lacrimal apparatus and orbit**

Q10.0  Congenital ptosis

Q10.7  Congenital malformation of orbit

Q11  **Anophthalmos, microphthalmos and macrophthalmos**

Q11.0  Cystic eyeball

Q11.1  **Other anophthalmos**  
Agenesis of eye  
Aplasia of eye

Q11.2  **Microphthalmos**  
Cryptophthalmos NOS  
Dysplasia of eye  
Hypoplasia of eye  
Rudimentary eye  
**Excludes:** cryptophthalmos syndrome (Q87.082)

Q11.3  **Macrophthalmos**  
**Excludes:** macrophthalmos in congenital glaucoma (Q15.0)
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q14 Congenital malformations of posterior segment of eye

Q14.0 Congenital malformation of vitreous humour

Congenital vitreous opacity

Q14.1 Congenital malformation of retina

Congenital retinal aneurysm

Q14.2 Congenital malformation of optic disc

Coloboma of optic disc

Q14.3 Congenital malformation of choroid

Q14.8 Other congenital malformations of posterior segment of eye

Coloboma of fundus

Q14.9 Congenital malformation of posterior segment of eye, unspecified

Q15 Other congenital malformations of eye

Excludes: congenital nystagmus (H55)
ocular albinism (E70.31)
retinitis pigmentosa (H35.5)

Q15.0 Congenital glaucoma

Q16 Congenital malformations of ear causing impairment of hearing

Excludes: congenital deafness (H90.-)

Q16.0 Congenital absence of (ear) auricle

Q16.1 Congenital absence, atresia and stricture of auditory canal (external)

Q16.2 Absence of eustachian tube

Q16.3 Congenital malformation of ear ossicles

Fusion of ear ossicles

Q16.4 Other congenital malformations of middle ear

Congenital malformation of middle ear NOS

Q16.5 Congenital malformation of inner ear

Anomaly:
- membranous labyrinth
- organ of Corti
Q16.9  Congenital malformation of ear causing impairment of hearing, unspecified
       Congenital absence of ear NOS

Q18  Other congenital malformations of face and neck

Excludes:  conditions classified to Q67.0–Q67.4
            congenital malformation of skull and face bones (Q75.–)
            cyclopia (Q87.02)
            dentofacial anomalies [including malocclusion] (K07.–)
            malformation syndromes affecting facial appearance
            (Q87.0)

Q18.0  Sinus, fistula and cyst of branchial cleft
       Branchial vestige

Q18.1  Preauricular sinus and cyst
       Fistula (of):
       • auricle, congenital
       • cervicoaural

Q18.2  Other branchial cleft malformations
       Branchial cleft malformation NOS
       Cervical auricle
       Otocephaly

Q18.3  Webbing of neck
       Pterygium colli

Q18.4  Macrostomia

Q18.5  Microstomia

Q18.6  Macrocheilia
       Hypertrophy of lip, congenital

Q18.7  Microcheilia

Q18.8  Other specified congenital malformations of face and neck
       Medial:
       • cyst
       • fistula
       • sinus
       of face and neck

Q18.9  Congenital malformation of face and neck, unspecified
       Congenital anomaly NOS of face and neck
Malformations, Deformations and Chromosomal Abnormalities

Congenital malformations of the circulatory system (Q20–Q28)

Q27 Other congenital malformations of peripheral vascular system

*Excludes:* anomalies of cerebral and precerebral vessels (Q28.0–Q28.3)
- congenital retinal aneurysm (Q14.1)
- haemangioma and lymphangioma (D18.–)

Q27.4 Congenital phlebectasia

Q28 Other congenital malformations of circulatory system

*Excludes:* congenital retinal aneurysm (Q14.1)
ruptured:
- cerebral aneurysms (I60.1–I60.7, I60.9)
- cerebral arteriovenous malformation (I60.8)
- malformation of precerebral vessels (I72.–)

Q28.0 Arteriovenous malformation of precerebral vessels
Congenital arteriovenous precerebral aneurysm (nonruptured)

Q28.1 Other malformations of precerebral vessels
Congenital:
- malformation of precerebral vessels NOS
- precerebral aneurysm (nonruptured)

Q28.2 Arteriovenous malformation of cerebral vessels

*Includes:* arteriovenous malformation of brain NOS
- congenital arteriovenous cerebral aneurysm (nonruptured)

Use additional fifth and sixth characters, if desired, for location of arteriovenous malformation:

Q28.20 Arteriovenous malformation in hemisphere, cortical
- Q28.200 Frontal
- Q28.201 Temporal
- Q28.202 Parietal
- Q28.203 Occipital
- Q28.207 Involving more than one lobe

Q28.21 Arteriovenous malformation in hemisphere, subcortical
- Q28.210 Basal ganglia
- Q28.211 Internal capsule
- Q28.212 Thalamus
- Q28.213 Hypothalamus
Q28.214 Corpus callosum
Q28.217 Involving more than one subcortical structure

Q28.22 Arteriovenous malformation in hemisphere, unspecified
Q28.23 Arteriovenous malformation in brain stem
Q28.230 Midbrain
Q28.231 Pons
Q28.232 Medulla
Q28.237 Involving more than one subdivision of brain stem

Q28.24 Arteriovenous malformation in cerebellum
Q28.25 Arteriovenous malformation in choroid plexus
Q28.250 Choroid plexus of lateral ventricle
Q28.251 Choroid plexus of third ventricle
Q28.252 Choroid plexus of fourth ventricle
Q28.257 Multiple locations in choroid plexus

Q28.26 Arteriovenous malformation in spinal cord
Q28.260 Cervical spinal cord
Q28.261 Thoracic spinal cord
Q28.262 Lumbosacral spinal cord
Q28.267 More than one subdivision of spinal cord

Q28.27 Multiple or widespread arteriovenous malformation

Q28.3 Other malformations of cerebral vessels

*Includes:* congenital:
- cerebral aneurysm (nonruptured)
- malformation of cerebral vessels NOS

Q28.30 Carotid siphon and internal carotid artery bifurcation
Q28.300 Aneurysm at origin of ophthalmic artery
Q28.301 Aneurysm at origin of anterior choroidal artery
Q28.302 Aneurysm at origin of posterior communicating artery
Q28.303 Aneurysm at bifurcation of internal carotid artery

Q28.31 Middle cerebral artery
Q28.310 Proximal (M1-horizontal segment) middle cerebral artery aneurysm
Q28.311 Aneurysm at major bi- or trifurcation of middle cerebral artery
Q28.312 Distal middle cerebral artery aneurysm

Q28.32 Anterior cerebral and communicating artery
Q28.320 Anterior communicating artery aneurysm
Q28.321 Proximal (A1-horizontal segment) anterior cerebral artery aneurysm
Q28.322 Distal (A2-vertical segment) anterior cerebral artery aneurysm
### MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
</table>
| Q28.33 | Posterior communicating artery  
Distal posterior communicating artery aneurysm |
| Q28.34 | Basilar artery  
Q28.340 Proximal basilar artery (vertebral artery confluence) aneurysm  
Q28.341 Midbasilar artery aneurysm  
Q28.342 Top of basilar artery aneurysm  
Q28.343 Bifid basilar artery aneurysm  
Q28.344 Aneurysm at origin of superior cerebellar artery  
Q28.345 Aneurysm at origin of anterior inferior cerebellar artery |
| Q28.35 | Vertebral artery  
Includes: intracranial vertebral artery aneurysm  
Q28.350 Aneurysm at origin of posterior inferior cerebellar artery |
| Q28.37 | Multiple intracranial aneurysms, unspecified |
| Q28.38 | Other specified intracranial arteries  
Q28.380 Distal superior cerebellar artery  
Q28.381 Distal anterior inferior cerebellar artery  
Q28.382 Distal posterior inferior cerebellar artery  
Q28.383 Internal auditory artery  
Q28.384 Proximal posterior cerebral artery  
Q28.385 Distal posterior cerebral artery |

- **Q28.8** Other specified congenital malformations of circulatory system  
  Congenital aneurysm, specified site NEC

- **Q28.9** Congenital malformation of circulatory system, unspecified

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### Congenital malformations of the urinary system (Q60–Q64)

- **Q61.** Cystic kidney disease

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### Congenital malformations and deformations of the musculoskeletal system (Q65–Q79)

- **Q66** Congenital deformities of feet
  - **Q66.0** Talipes equinovarus
Q66.1  Talipes calcaneovarus
Q66.2  Metatarsus varus
Q66.3  Other congenital varus deformities of feet
       Hallux varus, congenital
Q66.4  Talipes calcaneovalgus
Q66.5  Congenital pes planus
       Flat foot:
       • congenital
       • rigid
       • spastic (everted)
Q66.6  Other congenital valgus deformities of feet
       Metatarsus valgus
Q66.7  Pes cavus
Q66.8  Other congenital deformities of feet
       Clubfoot NOS
       Hammer toe, congenital
       Talipes:
       • NOS
       • asymmetric
       Tarsal coalition
       Vertical talus
Q66.9  Congenital deformity of feet, unspecified
Q67  Congenital musculoskeletal deformities of head, face, spine and chest
Q67.0  Facial asymmetry
Q67.1  Compression facies
Q67.2  Dolichocephaly
Q67.3  Plagiocephaly
Q67.4  Other congenital deformities of skull, face and jaw
       Depressions in skull
       Deviation of nasal septum, congenital
       Hemifacial atrophy or hypertrophy
       Squashed or bent nose, congenital
       Excludes: dentofacial anomalies [including malocclusion]
       (K07.-)
Q67.5  Congenital deformity of spine
Congenital scoliosis:

- NOS
- postural

*Excludes:* infantile idiopathic scoliosis (M41.0)
scoliosis due to congenital bony malformation (Q76.3)

Q68  Other congenital musculoskeletal deformities

Q68.0  Congenital deformity of sternocleidomastoid muscle
Congenital (sternomastoid) torticollis

Q74  Other congenital malformations of limb(s)

Q74.3  Arthrogryposis multiplex congenita

Q75  Other congenital malformations of skull and face bones

*Excludes:* congenital malformation (of):

- face NOS (Q18.–)
- predominantly affecting facial appearance (Q87.0)
dentofacial anomalies [including malocclusion] (K07.–)
musculoskeletal deformities of head and face (Q67.0–Q67.4)
skull defects associated with congenital anomalies of brain such as:

- anencephaly (Q00.0)
- encephalocele (Q01.–)
- hydrocephalus (Q03.–)
- microcephaly (Q02)

Q75.0  Craniosynostosis

Q75.00  Acrocephaly
Q75.01  Imperfect fusion of skull
Q75.02  Oxycephaly
Q75.03  Trigonocephaly

Q75.1  Craniofacial dysostosis
Crouzon’s disease

*Excludes:* Apert’s syndrome (Q87.01)
Carpenter’s syndrome (Q87.083)

Q75.2  Hypertelorism
Q75.3  Macrocephaly
Q75.4  Mandibulofacial dysostosis
Q75.5 Oculomandibular dysostosis

Q75.8 Other specified congenital malformations of skull and face bones
   Q75.80 Absence of skull bone, congenital
   Q75.81 Congenital deformity of forehead
   Q75.82 Platybasia
   Q75.83 Hypotelorism

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

Q76 Congenital malformations of spine and bony thorax

   Excludes: congenital musculoskeletal deformities of spine (Q67.5)

Q76.0 Spina bifida occulta

   Excludes: meningocele (spinal) (Q05.–)
      spina bifida (aperta)(cystica) (Q05.–)

Q76.1 Klippel–Feil syndrome
   Cervical fusion syndrome

Q76.2 Congenital spondylolisthesis
   Congenital spondylolysis

   Excludes: spondylolisthesis (acquired) (M43.1)
      spondylolysis (acquired) (M43.0)

Q76.3 Congenital scoliosis due to congenital bony malformation
   Q76.30 Hemivertebra fusion with scoliosis
   Q76.31 Hemivertebra failure of segmentation with scoliosis
   Q76.38 Other congenital scoliosis due to congenital bony malformation

Q76.4 Other congenital malformations of spine, not associated with scoliosis
   Q76.40 Congenital absence of vertebra, not associated with scoliosis
   Q76.41 Congenital fusion of spine, not associated with scoliosis
   Q76.42 Congenital kyphosis, not associated with scoliosis
   Q76.43 Congenital lordosis, not associated with scoliosis
Malformations, Deformations and Chromosomal Abnormalities

Q76.44 Congenital malformation of lumbosacral (joint)(region), not associated with scoliosis
Q76.45 Hemivertebra, not associated with scoliosis
Q76.46 Supernumerary vertebra, not associated with scoliosis
Q76.47 Platyspondylisis

Q76.5 Cervical rib
Supernumerary rib in cervical region

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

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

Q76.8 Other congenital malformations of bony thorax

Q76.9 Congenital malformation of bony thorax, unspecified

Q77 Osteochondrodysplasia with defects of growth of tubular bones and spine
Excludes: mucopolysaccharidosis (E76.0–E76.3)

Q77.0 Achondrogenesis
Hypochondrogenesis

Q77.1 Thanatophoric short stature

Q77.2 Short rib syndrome
Asphyxiating thoracic dysplasia [Jeune]

Q77.3 Chondrodysplasia punctata

Q77.4 Achondroplasia
Achondroplastic short stature
Hypochondroplasia

Q77.5 Diastrophic dysplasia

Q78 Other osteochondrodysplasias
Q78.0  Osteogenesis imperfecta
      Fragilitas ossium
      Osteopsathyrosis

Q78.1  Polyostotic fibrous dysplasia
      Albright(−McCune)(−Sternberg) syndrome

Q78.2  Osteopetrosis
      Albers–Schönberg syndrome

Q78.3  Progressive diaphyseal dysplasia
      Camurati–Engelmann syndrome

Q78.4  Enchondromatosis
      Maffucci’s syndrome
      Ollier’s disease

Q78.8  Other specified osteochondrodysplasias
      Osteopoikilosis

Q79  Congenital malformations of musculoskeletal system, not elsewhere classified

   Excludes: congenital (sternomastoid) torticollis (Q68.0)

Q79.0  Congenital diaphragmatic hernia

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

Q79.2  Exomphalos
      Omphalocele

Q79.3  Gastrochisis

Q79.4  Prune belly syndrome

Q79.5  Other congenital malformations of abdominal wall

Q79.6  Ehlers–Danlos syndrome

Q79.8  Other congenital malformations of musculoskeletal system

   Q79.80  Absence of muscle or tendon
   Q79.81  Accessory muscle
   Q79.82  Amyotrophia congenita
   Q79.83  Congenital constricting bands and shortening of tendon
   Q79.84  Poland’s syndrome
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q79.9  Congenital malformation of musculoskeletal system, unspecified

Congenital:
  • anomaly NOS
  • deformity NOS

of musculoskeletal system NOS

Other congenital malformations
(Q80–Q89)

Q82  Other congenital malformations of skin

Q82.1 Xeroderma pigmentosum

Q85  Phakomatoses, not elsewhere classified

Excludes: ataxia telangiectasia [Louis–Bar] (G11.30)
          familial dysautonomia [Riley–Day] (G90.1)

Q85.0 Neurofibromatosis (nonmalignant)

Includes: von Recklinghausen’s disease

Q85.00 Neurofibromatosis, type 1
Q85.01 Neurofibromatosis, type 2

Q85.1 Tuberous sclerosis

Bourneville’s disease
Epiloia

Q85.8 Other phakomatoses, not elsewhere classified

Q85.80 Peutz–Jeghers syndrome
Q85.81 Sturge–Weber(–Dimitri) syndrome
Q85.82 Von Hippel–Lindau syndrome

Q85.9 Phakomatosis, unspecified

Hamartosis NOS

Q86  Congenital malformation syndromes due to known exogenous causes, not elsewhere classified

Excludes: iodine-deficiency-related hypothyroidism (E00–E02)

Q86.0 Fetal alcohol syndrome (dysmorphic)

Q86.1 Fetal hydantoin syndrome

Birth defects due to hydantoin and other antiepileptic drugs
Meadow’s syndrome

Use additional code, if desired, to identify antiepileptic drug.
Q86.2  Dysmorphism due to warfarin

Q86.8  Other congenital malformation syndromes due to known exogenous causes
Use additional code, if desired, to identify exogenous cause.

Q87  Other specified congenital malformation syndromes affecting multiple systems

Q87.0  Congenital malformation syndromes predominantly affecting facial appearance

Excludes: cryptophthalmos NOS (Q11.2)

Q87.00  Acrocephalopolysyndactyly
Q87.01  Acrocephalosyndactyly [Apert]
Q87.02  Cyclopia
Q87.03  Goldenhar’s syndrome
Q87.04  Moebius’ syndrome
Q87.05  Congenital agenesis of brain stem nuclei
Q87.06  Oro-facial-digital syndrome
Q87.07  Robin’s syndrome
Q87.08  Other specified congenital malformation syndromes predominantly affecting facial appearance

Q87.080  Treacher Collins’ syndrome
Q87.081  Whistling face syndrome
Q87.082  Cryptophthalmos syndrome
Q87.083  Carpenter’s syndrome

Q87.1  Congenital malformation syndromes predominantly associated with short stature

Q87.10  Aarskog’s syndrome
Q87.11  Cockayne’s syndrome
Q87.12  De Lange’s syndrome
Q87.13  Dubowitz’ syndrome
Q87.14  Noonan’s syndrome
Q87.15  Prader–Willi syndrome
Q87.16  Robinow–Silverman–Smith syndrome
Q87.17  Russell-Silver syndrome
Q87.18  Other specified congenital malformation syndromes predominantly associated with short stature

Q87.180  Seckel’s syndrome
Q87.181  Smith–Lemli–Opitz syndrome

Q87.2  Congenital malformation syndromes predominantly involving limbs

Excludes: arthrogryposis multiplex congenita (Q74.3)
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q87.20   Holt–Oram syndrome
Q87.21   Klippel–Trénaunay–Weber syndrome
Q87.22   Nail patella syndrome
Q87.23   Rubinstein–Taybi syndrome
Q87.24   Sirenomelia syndrome
Q87.25   Thrombocytopenia with absent radius syndrome [TAR]
Q87.26   VATER syndrome
Q87.28   Other specified congenital malformation syndromes predominantly involving limbs

Q87.3   Congenital malformation syndromes involving early overgrowth
Q87.30   Beckwith–Wiedmann syndrome
Q87.31   Sotos' syndrome
Q87.32   Weaver's syndrome

Q87.4   Marfan's syndrome

Q87.5   Other congenital malformation syndromes with other skeletal changes

Q87.8   Other specified congenital malformation syndromes, not elsewhere classified
Q87.80   Alport's syndrome
Q87.81   Laurence–Moon(–Bardet)–Biedl syndrome
Q87.82   Zellweger's syndrome

Q89   Other congenital malformations, not elsewhere classified

Q89.4   Conjoined twins
Craniopagus
Dicephaly
Double monster
Pygopagus
Thoracopagus

Q89.7   Multiple congenital malformations, not elsewhere classified
Monster NOS
Multiple congenital:
• anomalies NOS
• deformities NOS

Excludes: congenital malformation syndromes affecting multiple systems (Q87.–)
Chromosomal abnormalities, not elsewhere classified (Q90–Q99)

**Q90**  Down’s syndrome
- Q90.0  Trisomy 21, meiotic nondisjunction
- Q90.1  Trisomy 21, mosaicism (mitotic nondisjunction)
- Q90.2  Trisomy 21, translocation
- Q90.9  Down’s syndrome, unspecified
  Trisomy 21 NOS

**Q91**  Edwards’ syndrome and Patau’s syndrome
- Q91.0  Trisomy 18, meiotic nondisjunction
- Q91.1  Trisomy 18, mosaicism (mitotic nondisjunction)
- Q91.2  Trisomy 18, translocation
- Q91.3  Edwards’ syndrome, unspecified
- Q91.4  Trisomy 13, meiotic nondisjunction
- Q91.5  Trisomy 13, mosaicism (mitotic nondisjunction)
- Q91.6  Trisomy 13, translocation
- Q91.7  Patau’s syndrome, unspecified

**Q92**  Other trisomies and partial trisomies of the autosomes, not elsewhere classified

*Includes:* unbalanced translocations and insertions
*Excludes:* trisomies of chromosomes 13, 18, 21 (Q90–Q91)

- Q92.0  Whole chromosome trisomy, meiotic nondisjunction
- Q92.1  Whole chromosome trisomy, mosaicism (mitotic nondisjunction)
- Q92.2  Major partial trisomy
  Whole arm or more duplicated.
- Q92.3  Minor partial trisomy
  Less than whole arm duplicated.
- Q92.4  Duplications seen only at prometaphase
- Q92.5  Duplications with other complex rearrangements
- Q92.6  Extra marker chromosomes
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q92.7 Triploidy and polyploidy
Q92.8 Other specified trisomies and partial trisomies of autosomes
Q92.9 Trisomy and partial trisomy of autosomes, unspecified

Q93 Monosomies and deletions from the autosomes, not elsewhere classified
Q93.0 Whole chromosome monosomy, meiotic nondisjunction
Q93.1 Whole chromosome monosomy, mosaicism (mitotic nondisjunction)
Q93.2 Chromosome replaced with ring or dicentric
Q93.3 Deletion of short arm of chromosome 4
   Wolff–Hirschorn syndrome
Q93.4 Deletion of short arm of chromosome 5
   Cri-du-chat syndrome
Q93.5 Other deletions of part of a chromosome
Q93.6 Deletions seen only at prometaphase
Q93.7 Deletions with other complex rearrangements
Q93.8 Other deletions from the autosomes
Q93.9 Deletion from autosomes, unspecified

Q95 Balanced rearrangements and structural markers, not elsewhere classified
   Includes: Robertsonian and balanced reciprocal translocations and insertions
Q95.0 Balanced translocation and insertion in normal individual
Q95.1 Chromosome inversion in normal individual
Q95.2 Balanced autosomal rearrangement in abnormal individual
Q95.3 Balanced sex/autosomal rearrangement in abnormal individual
Q95.4 Individuals with marker heterochromatin
Q95.5 Individuals with autosomal fragile site
Q95.8 Other balanced rearrangements and structural markers
Q95.9 Balanced rearrangement and structural marker, unspecified
**Q96 Turner’s syndrome**

*Excludes:* Noonan’s syndrome (Q87.14)

- **Q96.0** Karyotype 45,X
- **Q96.1** Karyotype 46,X iso (Xq)
- **Q96.2** Karyotype 46,X with abnormal sex chromosome, except iso (Xq)
- **Q96.3** Mosaicism, 45,X/46,XX or XY
- **Q96.4** Mosaicism, 45,X/other cell line(s) with abnormal sex chromosome
- **Q96.8** Other variants of Turner’s syndrome
- **Q96.9** Turner’s syndrome, unspecified

**Q97 Other sex chromosome abnormalities, female phenotype, not elsewhere classified**

*Excludes:* Turner’s syndrome (Q96.-)

- **Q97.0** Karyotype 47,XXX
- **Q97.1** Female with more than three X chromosomes
- **Q97.2** Mosaicism, lines with various numbers of X chromosomes
- **Q97.3** Female with 46,XY karyotype
- **Q97.8** Other specified sex chromosome abnormalities, female phenotype
- **Q97.9** Sex chromosome abnormality, female phenotype, unspecified

**Q98 Other sex chromosome abnormalities, male phenotype, not elsewhere classified**

- **Q98.0** Klinefelter’s syndrome karyotype 47,XXY
- **Q98.1** Klinefelter’s syndrome, male with more than two X chromosomes
- **Q98.2** Klinefelter’s syndrome, male with 46,XX karyotype
- **Q98.3** Other male with 46,XX karyotype
- **Q98.4** Klinefelter’s syndrome, unspecified
- **Q98.5** Karyotype 47,XYY
MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q98.6  Male with structurally abnormal sex chromosome
Q98.7  Male with sex chromosome mosaicism
Q98.8  Other specified sex chromosome abnormalities, male phenotype
Q98.9  Sex chromosome abnormality, male phenotype, unspecified

Q99 Other chromosome abnormalities, not elsewhere classified

Q99.0  Chimera 46,XX/46,XY
    Chimera 46,XX/46,XY true hermaphrodite
Q99.1  46,XX true hermaphrodite
    46,XX with streak gonads
    46,XY with streak gonads
    Pure gonadal dysgenesis
Q99.2  Fragile X chromosome
    Fragile X syndrome
Q99.8  Other specified chromosome abnormalities
    Q99.80  Specified chromosomal deletions
    Q99.81  Specified DNA deletions
Q99.9  Chromosomal abnormality, unspecified
CHAPTER XVIII

Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)

This chapter includes symptoms, signs, abnormal results of clinical or other investigative procedures, and ill-defined conditions regarding which no diagnosis classifiable elsewhere is recorded.

Signs and symptoms that point rather definitively to a given diagnosis have been assigned to a category in other chapters of the classification. In general, categories in this chapter include the less well-defined conditions and symptoms that, without the necessary study of the case to establish a final diagnosis, point perhaps equally to two or more diseases or to two or more systems of the body. Practically all categories in the chapter could be designated “not otherwise specified”, “unknown etiology”, or “transient”. The alphabetical index should be consulted to determine which symptoms and signs are to be allocated here and which to other chapters. The residual subcategories, numbered .8, are generally provided for other relevant symptoms that cannot be allocated elsewhere in the classification.

The conditions and signs or symptoms included in categories R00–R99 consist of: (a) cases for which no more specific diagnosis can be made even after all the facts bearing on the case have been investigated; (b) signs or symptoms existing at the time of initial encounter that proved to be transient and whose causes could not be determined; (c) provisional diagnoses in a patient who failed to return for further investigation or care; (d) cases referred elsewhere for investigation or treatment before the diagnosis was made; (e) cases in which a more precise diagnosis was not available for any other reason; (f) certain symptoms, for which supplementary information is provided, that represent important problems in medical care in their own right.

Excludes: certain conditions originating in the perinatal period (P00–P96)
Symptoms and signs involving the circulatory and respiratory systems (R00–R09)

**R06** Abnormalities of breathing

**R06.0** Dyspnoea  
Orthopnoea  
Shortness of breath

**R06.1** Stridor

**R06.2** Wheezing

**R06.3** Periodic breathing

- **R06.30** Cheyne–Stokes breathing  
- **R06.31** Kussmaul breathing  
- **R06.32** Central hyperpnoea  
- **R06.33** Apneustic breathing  
- **R06.38** Other periodic breathing pattern

**R06.4** Hyperventilation  
*Excludes:* psychogenic hyperventilation (F45.3)

**R06.5** Mouth breathing

Snoring

**R06.6** Hiccough  
*Excludes:* psychogenic hiccough (F45.3)

**R06.7** Sneezing

**R06.8** Other and unspecified abnormalities of breathing

- **R06.80** Apnoea, unspecified  
- **R06.81** Breath-holding (spells)  
- **R06.82** Choking sensation  
- **R06.83** Sighing

**R07** Pain in throat and chest  
*Excludes:* dysphagia (R13)  
epidemic myalgia (B33.0)  
pain in neck (M54.2)

**R07.0** Pain in throat

**R07.1** Chest pain on breathing

**R07.2** Precordial pain
R07.3 Other chest pain

R09 Other symptoms and signs involving the circulatory and respiratory systems

R09.0 Asphyxia

*Excludes:* asphyxia (due to):
- birth (P21.-)
- carbon monoxide (T58)
- intrauterine (P20.-)

R09.2 Respiratory arrest

Cardiorespiratory failure

R09.8 Other specified symptoms and signs involving the circulatory and respiratory systems

Bruit (arterial)
Weak pulse

Symptoms and signs involving the digestive system and abdomen (R10–R19)

R10 Abdominal and pelvic pain

*Excludes:* dorsalgia (M54.-)

R10.1 Pain localized to upper abdomen

R10.2 Pelvic and perineal pain

R10.3 Pain localized to other parts of lower abdomen

R10.4 Other and unspecified abdominal pain

R11 Nausea and vomiting

R13 Dysphagia

Difficulty in swallowing

R15 Faecal incontinence

Encopresis NOS

*Excludes:* that of nonorganic origin (F98.1)
Symptoms and signs involving the skin and subcutaneous tissue (R20–R23)

R20 Disturbances of skin sensation
Excludes: dissociative anaesthesia and sensory loss (F44.6)
psychogenic disturbances of skin sensation (F45.8)

R20.0 Anaesthesia of skin
Excludes: psychogenic anaesthesia (F44.6)

R20.1 Hypoaesthesia of skin

R20.2 Paraesthesia of skin
Formication
Pins and needles
Tingling skin
Excludes: acroparaesthesia (I73.8)

R20.3 Hyperaesthesia
Dysaesthesia

R20.8 Other and unspecified disturbances of skin sensation

Symptoms and signs involving the nervous and musculoskeletal systems (R25–R29)

R25 Abnormal involuntary movements
Excludes: specific movement disorders (G20–G26)
stereotyped movement disorders (F98.4)
tic disorders (F95.–)

R25.0 Abnormal head movements
R25.00 Titubation, familial
R25.01 Titubation, nonfamilial

R25.1 Tremor, unspecified
Excludes: chorea NOS (G25.5)
tremor:
• essential (G25.0)
• hysterical (F44.4)
• intention (G25.2)
R25.2  **Cramp and spasm**
Use additional code(s), if desired, to identify associated condition.

*Excludes:* carpopedal spasm (R29.0)
infantile spasms (G40.40)

R25.20  Nocturnal cramps
R25.21  Aches, cramps and pains syndrome associated with exertion
Exertional myalgia
R25.22  Aches, cramps and pains syndrome not associated with exertion
R25.28  Other specified cramps and spasms

R25.3  **Fasciculation**

*Includes:* twitching NOS
Use additional code(s), if desired, to identify associated condition.

*Excludes:* amyotrophic lateral sclerosis (G12.20)
paramyoclonus multiplex (G25.32)
spinal muscular atrophy (G12.−)

R25.30  Benign fasciculation syndrome
R25.38  Other fasciculations

R25.8  **Other and unspecified abnormal involuntary movements**

R26  **Abnormalities of gait and mobility**

*Excludes:* ataxia:
- NOS (R27.0)
- hereditary (G11.−)
- locomotor (syphilitic) (A52.1)
immobility syndrome (paraplegic) (M62.3)
late walker (R62.01)

R26.0  **Ataxic gait**

*Includes:* staggering gait

R26.00  Cerebellar ataxia of gait
R26.01  Sensory ataxia of gait
R26.02  Vestibular ataxia of gait
R26.03  Frontal lobe ataxia of gait
Frontal lobe gait apraxia [Bruns]

R26.1  **Paralytic gait**

R26.10  Spastic gait
R26.11  Cerebello-spastic gait
R26.12 Gait disorder from muscle weakness
Paretic gait

R26.2 Difficulty in walking, not elsewhere classified
*Excludes:* that in vertebro-basilar syndrome (G45.0)

R26.20 Gait disturbance due to loss of postural reflexes
R26.21 Senile gait disturbance
R26.22 Drop attack
R26.23 Gait apraxia
R26.24 Toe walking

R26.8 Other and unspecified abnormalities of gait and mobility
Unsteadiness on feet NOS

R27 Other lack of coordination
*Excludes:* ataxic gait (R26.0)
hereditary ataxia (G11.-)
vertigo NOS (R42)

R27.0 Ataxia, unspecified

R27.8 Other and unspecified lack of coordination

R29 Other symptoms and signs involving the nervous and musculoskeletal systems

R29.0 Tetany
Carpopedal spasm
*Excludes:* tetany:
• hysterical (F44.5)
• neonatal (P71.3)
• parathyroid (E20.9)
• post-thyroidectomy (E89.2)

R29.1 Meningismus

R29.2 Abnormal reflex
*Excludes:* abnormal pupillary reflex (H57.0)
vasovagal reaction or syncope (R55)

R29.3 Abnormal posture

R29.8 Other and unspecified symptoms and signs involving the nervous and musculoskeletal systems
Symptoms and signs involving the urinary system (R30–R39)

**R30** Pain associated with micturition

*Excludes:* psychogenic pain (F45.3)

**R30.0** Dysuria

Strangury

**R32** Unspecified urinary incontinence

Enuresis NOS

**R33** Retention of urine

**R34** Anuria and oliguria

**R35** Polyuria

Frequency of micturition

Nocturia

*Excludes:* psychogenic polyuria (F45.3)

Symptoms and signs involving cognition, perception, emotional state and behaviour (R40–R46)

**R40** Somnolence, stupor and coma

*Excludes:* coma:

- diabetic (E10–E14 with common fourth character .0)
- hepatic (K72.–)
- hypoglycaemic (nondiabetic) (E15)
- neonatal (P91.5)
- uraemic (N19)

**R40.0** Somnolence

Drowsiness

**R40.1** Stupor

Semicoma

*Excludes:* dissociative stupor (F44.2)

**R40.2** Coma, unspecified

Unconsciousness NOS
R41 Other symptoms and signs involving cognitive functions and awareness

*Excludes:* dissociative [conversion] disorders (F44.-)

R41.0 Disorientation, unspecified
Confusion NOS

R41.1 Anterograde amnesia

R41.2 Retrograde amnesia

R41.3 Other amnesia
Amnesia NOS

*Excludes:* amnesic syndrome:
• due to psychoactive substance use (F10-F19 with common fourth character .6)
• organic (F04)
  transient global amnesia (G45.4)

R41.8 Other and unspecified symptoms and signs involving cognitive functions and awareness

*Excludes:* delirium NOS (F05.9)

R42 Dizziness and giddiness
Light headedness
Vertigo NOS

*Excludes:* vertiginous syndromes (H81.-)

R43 Disturbances of smell and taste

R43.0 Anosmia

R43.1 Parosmia

R43.2 Parageusia

R43.20 Ageusia
R43.21 Dysgeusia

R43.8 Other and unspecified disturbances of smell and taste
Mixed disturbance of smell and taste

R44 Other symptoms and signs involving general sensations and perceptions

*Excludes:* disturbances of skin sensation (R20.-)

R44.0 Auditory hallucinations

R44.1 Visual hallucinations
ICD-NA

R44.2 Other hallucinations
   R44.20 Olfactory hallucinations
   R44.21 Gustatory hallucinations
   R44.22 Mixed olfactory and gustatory hallucinations

R44.3 Hallucinations, unspecified

R44.8 Other and unspecified symptoms and signs involving general sensations and perceptions

R45 Symptoms and signs involving emotional state

R45.0 Nervousness
   Nervous tension

R45.1 Restlessness and agitation

R45.2 Unhappiness
   Worries NOS

R45.3 Demoralization and apathy
   Demotivation
   *Excludes:* that in depression (F32.-)

R45.4 Irritability and anger

R45.5 Hostility

R45.6 Physical violence

R45.7 State of emotional shock and stress, unspecified

R45.8 Other symptoms and signs involving emotional state

R46 Symptoms and signs involving appearance and behaviour

R46.0 Very low level of personal hygiene

R46.1 Bizarre personal appearance

R46.2 Strange and inexplicable behaviour

R46.3 Overactivity

R46.4 Slowness and poor responsiveness
   *Excludes:* stupor (R40.1)

R46.5 Suspiciousness and marked evasiveness

R46.6 Undue concern and preoccupation with stressful events
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS

R46.7 Verbosity and circumstantial detail obscuring reason for contact
R46.8 Other symptoms and signs involving appearance and behaviour

Symptoms and signs involving speech and voice (R47–R49)

R47 Speech disturbances, not elsewhere classified
Excludes: autism (F84.0–F84.1)
specific developmental disorders of speech and language (F80.–)

R47.0 Dysphasia and aphasia
Excludes: progressive isolated aphasia [Mesulam] (G31.01)
R47.00 Motor aphasia [Broca]
R47.01 Receptive aphasia [Wernicke]
R47.02 Global aphasia [Déjerine]
R47.03 Conduction aphasia
R47.04 Transcortical aphasia [Goldstein]
R47.05 Dynamic aphasia [Luria]
R47.06 Amnesic aphasia
R47.08 Other aphasia

R47.1 Dysarthria and anarthria
R47.10 Spastic dysarthria (upper motor neuron type)
R47.11 Ataxic dysarthria (cerebellar type)
R47.12 Flaccid paralytic dysarthria (lower motor neuron type)
R47.13 Hypokinetic dysarthria (basal ganglia type)
R47.14 Hyperkinetic dysarthria
R47.18 Other dysarthria

R47.8 Other and unspecified speech disturbances
R47.80 Stammering and stuttering of organic origin
Excludes: psychogenic stuttering [stammering] (F98.5)
R47.81 Cluttering of organic origin
Excludes: psychogenic cluttering (F98.6)

R48 Dyslexia and other symbolic dysfunctions, not elsewhere classified
Excludes: specific developmental disorders of scholastic skills (F81.–)
R48.0  Dyslexia and alexia
   R48.00  Pure alexia
            Alexia without agraphia
   R48.01  Alexia with agraphia
   R48.08  Other alexia

R48.1  Agnosia
   R48.10  Visual agnosia
            R48.100  Object agnosia
            R48.101  Image agnosia
            R48.102  Colour agnosia
            R48.103  Prosopagnosia
            R48.104  Simultanagnosia
            R48.108  Other visual agnosia
   R48.11  Auditory agnosia
            R48.110  Amusia
            R48.111  Word deafness
            R48.118  Other auditory agnosia
   R48.12  Somatosensory agnosia
            R48.120  Autotopagnosia
            R48.121  Finger agnosia
            R48.122  Hemiasomatognosia
            R48.123  Anosognosia
            R48.124  Anosodiaphoria
            R48.125  Astereognosia
            R48.128  Other somatosensory agnosia

R48.2  Apraxia
   R48.20  Ideomotor apraxia
   R48.21  Ideatory apraxia
   R48.22  Reflexive apraxia
   R48.23  Dressing apraxia
   R48.24  Constructional apraxia
   R48.28  Other apraxia

R48.8  Other and unspecified symbolic dysfunctions
   R48.80  Acalculia
   R48.81  Pure agraphia
   R48.82  Left–right confusion

R49  Voice disturbances
   Excludes: psychogenic voice disturbance (F44.4)
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS

R49.0 Dysphonia
Hoarseness

R49.1 Aphonia
Loss of voice

R49.2 Hypernasality and hyponasality

R49.8 Other and unspecified voice disturbances
Change in voice NOS

General symptoms and signs
(R50–R69)

R51 Headache
Facial pain NOS

Excludes: atypical face pain (G50.1)
migraine and other headache syndromes (G43–G44)
trigeminal neuralgia (G50.0)

R52 Pain, not elsewhere classified

Includes: pain not referable to any one organ or body region

Excludes: headache (R51)
pain (in):
• abdomen (R10.–)
• back (M54.9)
• chest (R07.1–R07.4)
• ear [otalgia] (H92.0)
• eye (H57.1)
• lumbar region [lumbago] (M54.4–M54.5)
• pelvic and perineal (R10.2)
• psychogenic (F45.4)
• spine (M54.–)
• throat (R07.0)

R52.0 Acute pain

R52.1 Chronic intractable pain

R52.2 Other chronic pain

R52.9 Pain, unspecified
Generalized pain NOS

373
Malaise and fatigue

Asthenia NOS

Debility:
- chronic
- nervous

General physical deterioration

Lethargy

Tiredness

Excludes: exhaustion and fatigue (due to)(in):
- neurasthenia (F48.0)
- senile asthenia (R54)
- fatigue syndrome (F48.0)
- postviral (G93.3)

Senility

Old age

Senescence

without mention of psychosis

Senile:
- asthenia
- debility

Excludes: senile psychosis (F03)

Syncope and collapse

Blackout

Fainting

Vasovagal attack

Excludes: neurocirculatory asthenia (F45.3)
- orthostatic hypotension (I95.1)
- in Shy–Drager syndrome (G90.31)
- isolated (G90.30)
- neurogenic:
  - shock:
    - NOS (R57.9)
    - cardiogenic (R57.0)
    - complicating or following:
      - abortion or ectopic or molar pregnancy (O08.3)
      - labour and delivery (O75.1)
      - postoperative (T81.1)
  - Stokes–Adams syndrome (I45.9)
  - syncope:
    - carotid sinus (G90.03)
    - heat (T67.1)
    - psychogenic (F48.84)
    - unconsciousness NOS (R40.2)
Convulsions, not elsewhere classified

Excludes: convulsions and seizures (in):
- dissociative (F44.5)
- epilepsy (G40–G41)
- newborn (P90.–)
- pseudoseizures (F44.5)

Febrile convulsions

Other and unspecified convulsions

Fit NOS

Isolated (first) seizure

Seizure (convulsive) NOS

Shock, not elsewhere classified

Excludes: shock (due to):
- anaesthesia (T88.2)
- anaphylactic, due to:
  - NOS (T78.2)
  - adverse food reaction (T78.0)
  - serum (T80.5)
- complicating or following abortion or ectopic or molar pregnancy (O08.3)
- electric (T75.4)
- lightning (T75.0)
- obstetric (O75.1)
- postoperative (T81.1)
- septic (A41.9)
- traumatic (T79.4)
- toxic shock syndrome (A48.3)

Cardiogenic shock

Hypovolaemic shock

Other shock

Endotoxic shock

Shock, unspecified

Failure of peripheral circulation NOS

Lack of expected normal physiological development

Excludes: delayed puberty (E30.0)

Delayed milestone

Includes: delayed attainment of expected physiological developmental stage
R62.00 Late talker
R62.01 Late walker

R62.8 Other lack of expected normal physiological development
Failure to:
• gain weight
• thrive
Lack of growth
Physical retardation
Excludes: HIV disease resulting in failure to thrive (B22.2)
physical retardation due to malnutrition (E45)

R63 Symptoms and signs concerning food and fluid intake

R63.0 Anorexia
Loss of appetite

R63.1 Polydipsia
Excessive thirst

R63.2 Polyphagia
Excessive eating
Hyperalimentation NOS

R63.3 Feeding difficulties and mismanagement
Feeding problem NOS

R63.4 Abnormal weight loss

R63.5 Abnormal weight gain

R63.8 Other symptoms and signs concerning food and fluid intake
R63.80 Adipsia
R63.81 Eating strike

R64 Cachexia
Excludes: HIV disease resulting in wasting syndrome (B22.2)
malignant cachexia (C80)
nutritional marasmus (E41)

R68 Other general symptoms and signs

R68.0 Hypothermia, not associated with low environmental temperature
Excludes: hypothermia due to low environmental temperature (T68)
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS

R68.1 Nonspecific symptoms peculiar to infancy
Excessive crying of infant
Irritable infant
Excludes: neonatal cerebral irritability (P91.3)

R68.2 Dry mouth, unspecified
Excludes: when due to sicca syndrome [Sjögren] (M35.0)

Abnormal findings on examination of blood, without diagnosis
(R70–R79)

R70 Elevated erythrocyte sedimentation rate and abnormality of plasma viscosity
R70.0 Elevated erythrocyte sedimentation rate
R70.1 Abnormal plasma viscosity

R73 Elevated blood glucose level
Excludes: diabetes mellitus (E10–E14)
neonatal disorders (P70.0–P70.2)
postsurgical hypoinsulinaemia (E89.1)

R73.0 Abnormal glucose tolerance test
Diabetes:
• chemical
• latent
Impaired glucose tolerance
Prediabetes

R73.9 Hyperglycaemia, unspecified

R74 Abnormal serum enzyme levels
R74.0 Elevation of levels of transaminase and lactic acid dehydrogenase [LDH]

R74.8 Abnormal levels of other serum enzymes
R74.80 Abnormal serum level of acid phosphatase
R74.81 Abnormal serum level of alkaline phosphatase
R74.82 Abnormal serum level of amylase
R74.83 Abnormal serum level of creatine kinase
R74.84 Abnormal serum level of lipase [triacylglycerol lipase]
Laboratory evidence of human immunodeficiency virus [HIV]

*Excludes:* asymptomatic human immunodeficiency virus [HIV] infection status (Z21)
human immunodeficiency virus [HIV] disease (B20–B24)

Other abnormal immunological findings in serum

R76.0 Raised antibody titre

R76.2 False-positive serological test for syphilis
False-positive Wassermann reaction

R76.8 Other specified abnormal immunological findings in serum

- R76.80 Raised acetylcholine receptor antibody titre
- R76.81 Raised muscle antistriational antibody titre
- R76.82 Raised antineuronal antibody titre
- R76.83 Raised rheumatological antibody [ANA/rheumatoid factor] titre
- R76.84 Raised anti-GM1 ganglioside antibody titre
- R76.87 Raised immunoglobulin level, unspecified
- R76.88 Other abnormal immunological findings in serum

R76.9 Abnormal immunological finding in serum, unspecified

Findings of drugs and other substances, not normally found in blood

*Excludes:* mental and behavioural disorders due to psychoactive substance use (F10–F19)

R78.0 Finding of alcohol in blood
Use additional external cause code (Y90.–), if desired, for detail regarding alcohol level.

R78.1 Finding of opiate drug in blood
R78.2 Finding of cocaine in blood
R78.3 Finding of hallucinogen in blood
R78.4 Finding of other drug of addictive potential in blood
R78.5 Finding of psychotropic drug in blood
R78.6 Finding of steroid agent in blood
R78.7 Finding of abnormal level of heavy metals in blood
R78.8 Finding of other specified substances, not normally found in blood
Finding of abnormal level of lithium in blood

R78.9 Finding of unspecified substance, not normally found in blood

Abnormal findings on examination of other body fluids, substances and tissues, without diagnosis (R83–R89)

R83 Abnormal findings in cerebrospinal fluid

R83.4 Abnormal immunological findings in cerebrospinal fluid
R83.40 Increased gammaglobulin in cerebrospinal fluid
R83.41 Increased oligoclonal bands in cerebrospinal fluid

R83.6 Abnormal cytological findings in cerebrospinal fluid
R83.60 Malignant cells in cerebrospinal fluid
R83.61 Increased lymphocytes in cerebrospinal fluid
R83.62 Increased polymorphs in cerebrospinal fluid

R83.8 Other abnormal findings in cerebrospinal fluid
R83.80 Increased protein in cerebrospinal fluid
R83.81 Decreased glucose in cerebrospinal fluid
R83.82 Abnormal electrolytes in cerebrospinal fluid

Abnormal findings on diagnostic imaging and in function studies, without diagnosis (R90–R94)

Includes: nonspecific abnormal findings on diagnostic imaging by:
- computerized axial tomography [CAT scan]
- magnetic resonance imaging [MRI] [NMR]
- positive electron emission tomography [PET scan]
- thermography
- ultrasound [echogram]
- X-ray examination
Abnormal findings on diagnostic imaging of central nervous system

R90.0 Intracranial space-occupying lesion

R90.8 Other abnormal findings on diagnostic imaging of central nervous system

Excludes: intracranial space-occupying lesion (R90.0)

R90.80 Ventricular enlargement
R90.81 Enlarged sulci
R90.82 Abnormalities of white matter of brain on CAT scan or MRI, single, multiple or widespread (leucomalacia)
R90.83 Clinically silent cerebral infarction(s)
R90.84 Asymptomatic spinal artery aneurysm or arteriovenous malformation
R90.85 Other central nervous system artery abnormality, not elsewhere classified
R90.86 Cerebral blood flow imaging abnormality
R90.87 Cerebral metabolism imaging abnormality
R90.88 Magnetic cerebral imaging abnormality
R90.89 Other specified abnormal findings on diagnostic imaging of brain and spinal cord

Abnormal findings on diagnostic imaging of other body structures

R93.0 Abnormal findings on diagnostic imaging of skull and head, not elsewhere classified

Excludes: intracranial space-occupying lesion (R90.0)

Abnormal results of function studies

Includes: abnormal results of:

- radionuclide [radioisotope] uptake studies
- scintigraphy

Abnormal results of function studies of central nervous system

R94.0 Abnormal results of function studies of central nervous system

R94.00 Abnormal electroencephalogram [EEG]
R94.000 Abnormal paroxysmal activity in EEG
R94.001 Abnormal spike activity in EEG
R94.002 Abnormal reactivity in EEG
R94.003 Excess beta activity in EEG
R94.004 Excess theta activity in EEG
R94.005 Excess delta activity in EEG

R94.00 Abnormal electroencephalogram [EEG]
SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS

R94.006 Abnormal brain activity map
R94.008 Other abnormal EEG
R94.009 Abnormal EEG, unspecified

R94.01 Abnormal cerebral blood flow
   Excludes: imaging (R90.86)

R94.02 Abnormal positron emission tomogram
   Excludes: imaging (R90.87)

R94.03 Abnormal radionuclide brain scan

R94.08 Other abnormal results of function study of central nervous system

R94.1 Abnormal results of function studies of peripheral nervous system and special senses

R94.10 Abnormal electromyogram [EMG]
   R94.100 Acute denervation changes
   R94.101 Chronic denervation/reinnervation changes
   R94.102 Myopathic changes
   R94.103 Myotonic discharge
   R94.104 Bizarre repetitive discharge
   R94.105 Fasciculation
   R94.106 Increased EMG single fibre density
   R94.107 Increased EMG single fibre jitter
   R94.108 Other abnormal EMG
   R94.109 Abnormal EMG, unspecified

R94.11 Abnormal electro-oculogram (EOG)

R94.12 Abnormal electroretinogram (ERG)

R94.13 Abnormal electronystagmogram

R94.14 Abnormal evoked potential
   R94.140 Abnormal visual evoked potential
   R94.141 Abnormal brainstem auditory evoked response
   R94.142 Abnormal somatosensory evoked potential
   R94.148 Other abnormal evoked potential

R94.15 Abnormal response to nerve stimulation
   R94.150 Motor nerve conduction velocity below lower limit of normal but above 50%
   R94.151 Motor nerve conduction velocity below 50% of normal
   R94.152 Sensory nerve conduction velocity below lower limit of normal but above 50%
   R94.153 Sensory nerve conduction velocity below 50% of normal
   R94.154 Multifocal conduction block
   R94.155 Muscle evoked action potential amplitude below lower limit of normal
R94.156 Sensory nerve action potential amplitude below lower limit of normal
R94.157 Abnormal decrement on repetitive nerve stimulation
R94.158 Abnormal increment on repetitive nerve stimulation
R94.159 Other abnormal response to nerve stimulation
R94.16 Abnormal audiogram
R94.18 Other abnormal results of function study of peripheral nervous system or special senses

Ill-defined and unknown causes of mortality (R95–R99)

**R95** Sudden infant death syndrome

**R96** Other sudden death, cause unknown

*Excludes:* sudden infant death syndrome (R95)

**R96.0** Instantaneous death

**R96.1** Death occurring less than 24 hours from onset of symptoms, not otherwise explained

Death known not to be violent or instantaneous for which no cause can be discovered

Death without sign of disease

**R98** Unattended death

Death in circumstances where the body of the deceased was found and no cause could be discovered

Found dead

**R99** Other ill-defined and unspecified causes of mortality

Death NOS

Unknown cause of mortality
Injury, poisoning and certain other consequences of external causes (S00–T98)

Excludes: birth trauma (P10–P14)

Injuries to the head (S00–S09)

**S00**

**Superficial injury of head**

*Excludes:* cerebral contusion (diffuse) (S06.2)
  - focal (S06.3)
  - injury of eye and orbit (S05.–)

**S00.0** Superficial injury of scalp

**S00.1** Contusion of eyelid and periocular area

Black eye

*Excludes:* contusion of eyeball and orbital tissue (S05.1)

**S00.2** Other superficial injuries of eyelid and periocular area

*Excludes:* superficial injury of conjunctiva and cornea (S05.0)

**S00.3** Superficial injury of nose

**S00.4** Superficial injury of ear

**S00.5** Superficial injury of lip and oral cavity

**S00.7** Multiple superficial injuries of head

**S00.8** Superficial injury of other parts of head

**S00.9** Superficial injury of head, part unspecified

**S01**

Open wound of head

*Excludes:* decapitation (S18)
  - injury of eye and orbit (S05.–)

**S01.0** Open wound of scalp
S01.1 Open wound of eyelid and periocular area
Open wound of eyelid and periocular area with or without involvement of lacrimal passages

S01.2 Open wound of nose

S01.3 Open wound of ear

S01.4 Open wound of cheek and temporomandibular area

S01.5 Open wound of lip and oral cavity
Excludes: dislocation of tooth (S03.2)

S01.7 Multiple open wounds of head

S01.8 Open wound of other parts of head

S01.9 Open wound of head, part unspecified

S02 Fracture of skull and facial bones
The following subdivisions are provided for optional use where it is not possible or not desired to use multiple coding to identify fracture and open wound. A fracture not indicated as closed or open should be classified as closed.

S02.x0 Closed
S02.x1 Open

S02.0 Fracture of vault of skull
Use additional sixth character, if desired, to indicate localization:
   S02.0.x0 Frontal bone
   S02.0.x1 Parietal bone

S02.1 Fracture of base of skull
Excludes: orbit NOS (S02.8)
   orbital floor (S02.3)
Use additional sixth character, if desired, to indicate localization:
   S02.1.x0 Anterior fossa
   S02.1.x1 Middle fossa
   S02.1.x2 Posterior fossa
   S02.1.x3 Occiput
   S02.1.x4 Orbital roof
   S02.1.x5 Ethmoid sinus
   S02.1.x6 Frontal sinus
   S02.1.x7 Sphenoid
   S02.1.x8 Temporal bone

S02.2 Fracture of nasal bones
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S02.3 Fracture of orbital floor
*Excludes:* orbit NOS (S02.8)
oral floor (S02.1)

S02.7 Multiple fractures involving skull and facial bones

S02.8 Fractures of other skull and facial bones
Alveolus
Orbit NOS
Palate
*Excludes:* orbital:
• floor (S02.3)
• roof (S02.1)

S03 Dislocation, sprain and strain of joints and ligaments of head

S03.0 Dislocation of jaw
Jaw (cartilage)(meniscus)
Mandible
Temporomandibular (joint)

S03.1 Dislocation of septal cartilage of nose

S03.2 Dislocation of tooth

S03.3 Dislocation of other and unspecified parts of head

S03.4 Sprain and strain of jaw
Temporomandibular (joint)(ligament)

S03.5 Sprain and strain of joint and ligaments of other and unspecified parts of head

S04 Injury of cranial nerves

S04.0 Injury of optic nerve and pathways
S04.00 2nd cranial nerve
S04.01 Optic chiasm
S04.02 Optic tract
S04.03 Optic radiations
S04.04 Visual cortex

S04.1 Injury of oculomotor nerve
3rd cranial nerve

S04.2 Injury of trochlear nerve
4th cranial nerve
S04.3 Injury of trigeminal nerve
5th cranial nerve

S04.4 Injury of abducent nerve
6th cranial nerve

S04.5 Injury of facial nerve
7th cranial nerve

S04.6 Injury of acoustic nerve
Auditory nerve
8th cranial nerve

S04.7 Injury of accessory nerve
11th cranial nerve

S04.8 Injury of other cranial nerves

- S04.80 Olfactory [1st cranial] nerve
- S04.81 Glossopharyngeal [9th cranial] nerve
- S04.82 Vagus [10th cranial] nerve
- S04.83 Hypoglossal [12th cranial] nerve

S04.9 Injury of unspecified cranial nerve

**S05** Injury of eye and orbit

*Excludes:* injury of:
- oculomotor [3rd] nerve (S04.1)
- optic [2nd] nerve (S04.0)
- open wound of eyelid and periorcular area (S01.1)
- orbital bone fracture (S02.1, S02.3, S02.8)
- superficial injury of eyelid (S00.1-S00.3)

S05.0 Injury of conjunctiva and corneal abrasion without mention of foreign body

S05.1 Contusion of eyeball and orbital tissues

S05.2 Ocular laceration and rupture with prolapse or loss of intraocular tissue

S05.3 Ocular laceration without prolapse or loss of intraocular tissue
Laceration of eye NOS

S05.4 Penetrating wound of orbit with or without foreign body

*Excludes:* retained (old) foreign body following penetrating wound of orbit (H05.5)
S05.5 Penetrating wound of eyeball with foreign body  
*Excludes:* retained (old) intraocular foreign body, nonmagnetic (H44.7)

S05.6 Penetrating wound of eyeball without foreign body  
Ocular penetration NOS

S05.7 Avulsion of eye  
Traumatic enucleation

S05.8 Other injuries of eye and orbit  
Lacrimal duct injury

S05.9 Injury of eye and orbit, part unspecified

S06 Intracranial injury  
The following subdivisions are provided for optional use where it is not possible or not desired to use multiple coding to identify intracranial injury and open wound:

S06.x0 Without open intracranial wound  
S06.x1 With open intracranial wound

S06.0 Concussion  
Commotio cerebri

S06.1 Traumatic cerebral oedema

S06.2 Diffuse brain injury  
Cerebral:  
• contusion NOS  
• laceration NOS

S06.3 Focal brain injury  
Focal:  
• cerebral contusion and laceration  
• traumatic intracerebral haemorrhage

Use additional sixth character, if desired, to indicate localization:

S06.3x0 Frontal  
S06.3x1 Temporal  
S06.3x2 Parietal  
S06.3x3 Occipital  
S06.3x4 Deep cerebral hemisphere  
S06.3x5 Corpus callosum  
S06.3x6 Brainstem  
S06.3x7 Cerebellar
S06.4 Epidural haemorrhage
Extradural haemorrhage (traumatic)

S06.5 Traumatic subdural haemorrhage
Use additional sixth character, if desired, to indicate onset of haemorrhage:
- S06.5x0 Acute traumatic subdural haemorrhage (within 48 hours of trauma)
- S06.5x1 Subacute traumatic subdural haemorrhage (48 hours to 8 days after trauma)
- S06.5x2 Chronic traumatic subdural haemorrhage (after 8th day)

S06.6 Traumatic subarachnoid haemorrhage

S06.7 Intracranial injury with prolonged coma

S06.8 Other intracranial injuries
- S06.8x0 Traumatic intracranial haemorrhage, unspecified
- S06.8x1 Injury to pituitary stalk and gland

S06.9 Intracranial injury, unspecified
Brain injury NOS

S07 Crushing injury of head

S07.0 Crushing injury of face

S07.1 Crushing injury of skull

S09 Other and unspecified injuries of head

S09.0 Injury of blood vessels of head, not elsewhere classified
Excludes: injury of:
- cerebral blood vessels (S06.-)
- precerebral blood vessels (S15.-)

S09.1 Injury of muscle and tendon of head

S09.2 Traumatic rupture of ear drum

S09.7 Multiple injuries of head
Injuries classifiable to more than one of the categories
  S00–S09.2

S09.8 Other specified injuries of head
Injuries to the neck
(S10–S19)

S11.— Open wound of neck
Excludes: decapitation (S18)

S12 Fracture of neck
Includes: cervical:
• spine
• spinous process
• transverse process
• vertebra

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

S12.x0 Closed
S12.x1 Open

S12.0 Fracture of first cervical vertebra
Atlas

S12.1 Fracture of second cervical vertebra
Axis

S12.2 Fracture of other specified cervical vertebra
S12.2x0 Fracture of C3
S12.2x1 Fracture of C4
S12.2x2 Fracture of C5
S12.2x3 Fracture of C6
S12.2x4 Fracture of C7

S12.7 Multiple fractures of cervical spine

S12.8 Fracture of other parts of neck
Hyoid bone
Larynx
Thyroid cartilage
Trachea

S12.9 Fracture of neck, part unspecified
Fracture of cervical:
• spine NOS
• vertebra NOS
Dislocation, sprain and strain of joints and ligaments at neck level

*Excludes:* rupture or displacement (nontraumatic) of cervical intervertebral disc (M50.−)

**S13.0** Traumatic rupture of cervical intervertebral disc

- S13.00 Traumatic rupture of C2/3 disc
- S13.01 Traumatic rupture of C3/4 disc
- S13.02 Traumatic rupture of C4/5 disc
- S13.03 Traumatic rupture of C5/6 disc
- S13.04 Traumatic rupture of C6/7 disc
- S13.05 Traumatic rupture of C7/T1 disc
- S13.07 Multiple traumatic ruptures of cervical intervertebral discs

**S13.1** Dislocation of cervical vertebra

*Includes:* dislocation of cervical spine NOS

- S13.10 Dislocation of C1
- S13.11 Dislocation of C2
- S13.12 Dislocation of C3
- S13.13 Dislocation of C4
- S13.14 Dislocation of C5
- S13.15 Dislocation of C6
- S13.16 Dislocation of C7

**S13.2** Dislocation of other and unspecified parts of neck

**S13.3** Multiple dislocations of neck

**S13.4** Sprain and strain of cervical spine

- S13.40 Anterior longitudinal (ligament), cervical
- S13.41 Atlantoaxial (joints)
- S13.42 Atlanto-occipital (joints)
- S13.43 Whiplash injury

**S13.5** Sprain and strain of thyroid region

Cricoarytenoid (joint)(ligament)
Cricothyroid (joint)(ligament)
Thyroid cartilage

**S13.6** Sprain and strain of joints and ligaments of other and unspecified parts of neck
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S14 Injury of nerves and spinal cord at neck level

S14.0 Concussion and oedema of cervical spinal cord
S14.00 Concussion and oedema at C1 level
S14.01 Concussion and oedema at C2 level
S14.02 Concussion and oedema at C3 level
S14.03 Concussion and oedema at C4 level
S14.04 Concussion and oedema at C5 level
S14.05 Concussion and oedema at C6 level
S14.06 Concussion and oedema at C7 level
S14.07 Concussion and oedema at C8 level
S14.08 Multiple and overlapping concussion and oedema of cervical spinal cord

S14.1 Other and unspecified injuries of cervical spinal cord
Injury of cervical spinal cord NOS

S14.2 Injury of nerve root of cervical spine
S14.20 Injury of nerve root of C1
S14.21 Injury of nerve root of C2
S14.22 Injury of nerve root of C3
S14.23 Injury of nerve root of C4
S14.24 Injury of nerve root of C5
S14.25 Injury of nerve root of C6
S14.26 Injury of nerve root of C7
S14.27 Injury of nerve root of C8
S14.28 Multiple and bilateral injury of nerve roots of cervical spine

S14.3 Injury of brachial plexus
S14.30 Injury of brachial plexus trunk
S14.300 Upper trunk
S14.301 Middle trunk
S14.302 Lower trunk
S14.307 Multiple levels
S14.31 Injury of brachial plexus division
S14.310 Anterior division
S14.311 Posterior division
S14.312 Anterior and posterior
S14.32 Injury of brachial plexus cord
S14.320 Lateral cord
S14.321 Posterior cord
S14.322 Medial cord
S14.327 Multiple levels
S14.4 Injury of peripheral nerves of neck

S14.40 Nerves supplying scalp and ear
  S14.400 Occipital nerve(s)
  S14.401 Great auricular nerve
S14.41 Nerves supplying neck and chest
  S14.410 Anterior cutaneous nerve of neck
  S14.411 Supraclavicular nerve(s)
S14.42 Phrenic nerve
S14.43 Nerves arising proximally from brachial plexus
  S14.430 Suprascapular nerve
  S14.431 Nerve to subclavius
  S14.432 Nerve to rhomboids
  S14.433 Nerve to serratus anterior
  S14.434 Nerve to latissimus dorsi
  S14.435 Subscapular nerve
S14.47 Multiple injury of peripheral nerves of neck

S14.5 Injury of cervical sympathetic nerves

S14.6 Injury of other and unspecified nerves of neck

S15 Injury of blood vessels at neck level

S15.0 Injury of carotid artery

S15.00 Innominate artery
S15.01 Common carotid artery
S15.02 Internal carotid artery in neck
S15.03 Internal carotid artery in base of skull
S15.04 External carotid artery
S15.07 Bilateral carotid artery

S15.1 Injury of vertebral artery

S15.10 Vertebral artery in root of neck
S15.11 Vertebral artery in intervertebral canal
S15.12 Vertebral artery at base of skull
S15.17 Bilateral vertebral artery

S15.2 Injury of external jugular vein

S15.3 Injury of internal jugular vein

S15.7 Injury of multiple blood vessels at neck level

S15.8 Injury of other blood vessels at neck level
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S16 Injury of muscle and tendon at neck level
S17. Crushing injury of neck
S18 Traumatic amputation at neck level
Decapitation
S19 Other and unspecified injuries of neck
S19.7 Multiple injuries of neck
Injuries classifiable to more than one of the categories S11–S18

Injuries to the thorax
(S20–S29)

S22 Fracture of rib(s), sternum and thoracic spine
Includes: thoracic:
- neural arch
- spinous process
- transverse process
- vertebra
- vertebral arch

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

S22.x0 Closed
S22.x1 Open

S22.0 Fracture of thoracic vertebra
Includes: fracture of thoracic spine NOS
Use additional sixth character, if desired, to indicate localization:
- S22.0x0 Fracture of T1
- S22.0x1 Fracture of T2
- S22.0x2 Fracture of T3 or T4
- S22.0x3 Fracture of T5 or T6
- S22.0x4 Fracture of T7 or T8
- S22.0x5 Fracture of T9 or T10
- S22.0x6 Fracture of T11
- S22.0x7 Fracture of T12

S22.1 Multiple fractures of thoracic spine
Dislocation, sprain and strain of joints and ligaments of thorax

Excludes: rupture or displacement (nontraumatic) of thoracic intervertebral disc (M51.-)

S23.0 Traumatic rupture of thoracic intervertebral disc
- S23.00 Traumatic rupture of T1/T2 disc
- S23.01 Traumatic rupture of T2/T3 disc
- S23.02 Traumatic rupture of T3/T4 or T4/T5 disc
- S23.03 Traumatic rupture of T5/T6 or T6/T7 disc
- S23.04 Traumatic rupture of T7/T8 or T8/T9 disc
- S23.05 Traumatic rupture of T9/T10 or T10/T11 disc
- S23.06 Traumatic rupture of T11/T12 disc
- S23.07 Traumatic rupture of T12/L1 disc
- S23.08 Multiple traumatic ruptures of thoracic intervertebral discs

S23.1 Dislocation of thoracic vertebra
Includes: dislocation of thoracic spine NOS
- S23.10 Dislocation of T1
- S23.11 Dislocation of T2
- S23.12 Dislocation of T3 or T4
- S23.13 Dislocation of T5 or T6
- S23.14 Dislocation of T7 or T8
- S23.15 Dislocation of T9 or T10
- S23.16 Dislocation of T11
- S23.17 Dislocation of T12
- S23.18 Multiple dislocations of thoracic vertebrae

S23.3 Sprain and strain of thoracic spine

S24 Injury of nerves and spinal cord at thorax level

Excludes: injury of brachial plexus (S14.3)

S24.0 Concussion and oedema of thoracic spinal cord
- S24.00 Concussion and oedema at T1 level
- S24.01 Concussion and oedema at T2 level
- S24.02 Concussion and oedema at T3 or T4 level
- S24.03 Concussion and oedema at T5 or T6 level
- S24.04 Concussion and oedema at T7 or T8 level
- S24.05 Concussion and oedema at T9 or T10 level
- S24.06 Concussion and oedema at T11 level
- S24.07 Concussion and oedema at T12 level
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S24.08 Multiple and overlapping concussion and oedema of thoracic spinal cord

S24.1 Other and unspecified injuries of thoracic spinal cord

S24.2 Injury of nerve root of thoracic spine
  S24.20 Injury of nerve root of T1
  S24.21 Injury of nerve root of T2
  S24.22 Injury of nerve root of T3 or T4
  S24.23 Injury of nerve root of T5 or T6
  S24.24 Injury of nerve root of T7 or T8
  S24.25 Injury of nerve root of T9 or T10
  S24.26 Injury of nerve root of T11
  S24.27 Injury of nerve root of T12
  S24.28 Multiple and bilateral injury of nerve roots of thoracic spine

S24.3 Injury of peripheral nerves of thorax

S24.4 Injury of thoracic sympathetic nerves
  S24.40 Cardiac plexus
  S24.41 Oesophageal plexus
  S24.42 Pulmonary plexus
  S24.43 Stellate ganglion
  S24.44 Thoracic sympathetic ganglion
  S24.47 Multiple and bilateral injury of thoracic sympathetic nerves

S24.5 Injury of other nerves of thorax

S24.6 Injury of unspecified nerve of thorax

Injuries to the abdomen, lower back, lumbar spine and pelvis
(S30–S39)

S32 Fracture of lumbar spine and pelvis
Includes: lumbosacral:
  • neural arch
  • spinous process
  • transverse process
  • vertebra
  • vertebral arch
The following subdivisions are provided for optional use where it is not possible or not desired to use multiple coding to identify fracture and open wound. A fracture not indicated as closed or open should be classified as closed.

S32.x0  Closed
S32.x1  Open

S32.0  Fracture of lumbar vertebra

*Includes:  fracture of lumbar spine*

- S32.0x0  Fracture of L1
- S32.0x1  Fracture of L2
- S32.0x2  Fracture of L3
- S32.0x3  Fracture of L4
- S32.0x4  Fracture of L5
- S32.0x7  Fracture of multiple lumbar vertebrae

S32.1  Fracture of sacrum

S32.2  Fracture of coccyx

S32.3  Fracture of ilium

S32.4  Fracture of acetabulum

S32.5  Fracture of pubis

S32.7  Multiple fractures of lumbar spine and pelvis

S32.8  Fracture of other and unspecified parts of lumbosacral spine and pelvis

Fracture of:
- ischium
- lumbosacral spine NOS
- pelvis NOS

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

*Excludes:  rupture or displacement (nontraumatic) of lumbar intervertebral disc (M51.-)*

S33.0  Traumatic rupture of lumbar intervertebral disc

- S33.00  Traumatic rupture of L1/L2 disc
- S33.01  Traumatic rupture of L2/L3 disc
- S33.02  Traumatic rupture of L3/L4 disc
- S33.03  Traumatic rupture of L4/L5 disc
- S33.04  Traumatic rupture of L5/S1 disc
S33.07  Multiple traumatic ruptures of lumbar intervertebral discs

S33.1  Dislocation of lumbar vertebra

Includes: dislocation of lumbar spine NOS

S33.10  Dislocation of L1
S33.11  Dislocation of L2
S33.12  Dislocation of L3
S33.13  Dislocation of L4
S33.14  Dislocation of L5
S33.17  Dislocation of multiple lumbar vertebrae

S33.2  Dislocation of sacroiliac and sacroccocygeal joint

S33.3  Dislocation of other and unspecified parts of lumbar spine and pelvis

S33.4  Traumatic rupture of symphysis pubis

S33.5  Sprain and strain of lumbar spine

S33.6  Sprain and strain of sacroiliac joint

S33.7  Sprain and strain of other and unspecified parts of lumbar spine and pelvis

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

S34.0  Concussion and oedema of lumbar spinal cord

Note: This concerns the functional levels of the spinal cord, not the vertebral levels.

S34.00  Concussion and oedema at L1 level
S34.01  Concussion and oedema at L2 level
S34.02  Concussion and oedema at L3 level
S34.03  Concussion and oedema at L4 level
S34.04  Concussion and oedema at L5 level
S34.05  Concussion and oedema at S1 level
S34.06  Concussion and oedema at S2 level
S34.07  Concussion and oedema at S3 to coccygeal segment
S34.08  Multiple and overlapping concussion and oedema of lumbar spinal cord

S34.1  Other injury of lumbar spinal cord

S34.2  Injury of nerve root of lumbar and sacral spine

S34.20  Injury of nerve root of L1
S34.21  Injury of nerve root of L2
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S34.22</td>
<td>Injury of nerve root of L3</td>
</tr>
<tr>
<td>S34.23</td>
<td>Injury of nerve root of L4</td>
</tr>
<tr>
<td>S34.24</td>
<td>Injury of nerve root of L5</td>
</tr>
<tr>
<td>S34.25</td>
<td>Injury of nerve root of S1</td>
</tr>
<tr>
<td>S34.26</td>
<td>Injury of nerve root of S2</td>
</tr>
<tr>
<td>S34.27</td>
<td>Injury of S3 to coccygeal nerve roots</td>
</tr>
<tr>
<td>S34.28</td>
<td>Multiple and bilateral injury of lumbar and sacral nerve roots</td>
</tr>
</tbody>
</table>

**S34.3 Injury of cauda equina**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S34.30</td>
<td>Partial injury of cauda equina</td>
</tr>
<tr>
<td>S34.31</td>
<td>Complete injury of cauda equina</td>
</tr>
</tbody>
</table>

**S34.4 Injury of lumbosacral plexus**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>S34.40</td>
<td>Injury of upper part of lumbar plexus (L2–L3 roots)</td>
</tr>
<tr>
<td>S34.41</td>
<td>Injury of middle part of lumbar plexus (L4–L5 roots)</td>
</tr>
<tr>
<td>S34.42</td>
<td>Injury of sacral plexus (S1–coccyx)</td>
</tr>
<tr>
<td>S34.47</td>
<td>Multiple and bilateral injury of lumbosacral plexus</td>
</tr>
</tbody>
</table>

**S34.5 Injury of lumbar, sacral and pelvic sympathetic nerves**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>S34.50</td>
<td>Coeliac ganglion or plexus</td>
</tr>
<tr>
<td>S34.51</td>
<td>Hypogastric plexus</td>
</tr>
<tr>
<td>S34.52</td>
<td>Mesenteric plexus (inferior)(superior)</td>
</tr>
<tr>
<td>S34.53</td>
<td>Splanchnic nerve</td>
</tr>
<tr>
<td>S34.57</td>
<td>Multiple and bilateral injury of lumbar, sacral and pelvic sympathetic nerves</td>
</tr>
</tbody>
</table>

**S34.6 Injury of peripheral nerve(s) of abdomen, lower back and pelvis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>S34.60</td>
<td>Ilio-hypogastric nerve</td>
</tr>
<tr>
<td>S34.61</td>
<td>Ilio-inguinal nerve</td>
</tr>
<tr>
<td>S34.62</td>
<td>Genito-femoral nerve</td>
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<tr>
<td>S34.63</td>
<td>Superior gluteal nerve</td>
</tr>
<tr>
<td>S34.64</td>
<td>Inferior gluteal nerve</td>
</tr>
<tr>
<td>S34.65</td>
<td>Obturator nerve</td>
</tr>
<tr>
<td>S34.66</td>
<td>Pudendal nerve</td>
</tr>
<tr>
<td>S34.67</td>
<td>Perineal nerve</td>
</tr>
<tr>
<td>S34.68</td>
<td>Multiple or bilateral injury of peripheral nerve(s) of abdomen, lower back and pelvis</td>
</tr>
</tbody>
</table>

**S34.8 Injury of other and unspecified nerves of abdomen, lower back and pelvis level**
Injuries to the shoulder and upper arm (S40–S49)

**S44** Injury of nerves at shoulder and upper arm level
Excludes: injury of brachial plexus (S14.3)

*S44.0* Injury of ulnar nerve at upper arm level
Excludes: ulnar nerve NOS (S54.0)

*S44.1* Injury of median nerve at upper arm level
Excludes: median nerve NOS (S54.1)

*S44.2* Injury of radial nerve at upper arm level
Excludes: radial nerve NOS (S54.2)

*S44.3* Injury of axillary nerve

*S44.4* Injury of musculocutaneous nerve

*S44.6* Injury of cutaneous sensory nerve at shoulder and upper arm level

*S44.7* Injury of multiple nerves at shoulder and upper arm level

*S44.8* Injury of other nerves at shoulder and upper arm level
S44.80 Intercostobrachial nerve
S44.81 Lateral pectoral nerve
S44.82 Medial pectoral nerve
S44.87 Multiple nerves at shoulder and upper arm level

*S44.9* Injury of unspecified nerve at shoulder and upper arm level

Injuries to the elbow and forearm (S50–S59)

**S54** Injury of nerves at forearm level
Excludes: injuries of nerves at wrist and hand level (S64.–)

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

*S54.1* Injury of median nerve at forearm level
Includes: median nerve NOS
S54.10 Anterior interosseous nerve
S54.2 Injury of radial nerve at forearm level
  Includes: radial nerve NOS
  S54.20 Posterior interosseous nerve
S54.3 Injury of cutaneous sensory nerve at forearm level
S54.7 Injury of multiple nerves at forearm level
S54.8 Injury of other nerves at forearm level
S54.9 Injury of unspecified nerve at forearm level

Injuries to the wrist and hand (S60–S69)

S64 Injury of nerves at wrist and hand level
S64.0 Injury of ulnar nerve at wrist and hand level
  S64.00 Superficial branch of ulnar nerve
  S64.01 Deep palmar branch of ulnar nerve
S64.1 Injury of median nerve at wrist and hand level
S64.2 Injury of radial nerve at wrist and hand level
  S64.20 Superficial branch of radial nerve
S64.3 Injury of digital nerve of thumb
S64.4 Injury of digital nerve of other finger
S64.7 Injury of multiple nerves at wrist and hand level
S64.8 Injury of other nerves at wrist and hand level
S64.9 Injury of unspecified nerve at wrist and hand level

Injuries to the hip and thigh (S70–S79)

S74 Injury of nerves at hip and thigh level
S74.0 Injury of sciatic nerve at hip and thigh level
S74.1 Injury of femoral nerve at hip and thigh level
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S74.2 Injury of cutaneous sensory nerve at hip and thigh level
S74.20 Lateral cutaneous nerve of thigh
S74.21 Posterior cutaneous nerve of thigh
S74.22 Intermediate and medial cutaneous nerve of thigh

S74.7 Injury of multiple nerves at hip and thigh level

S74.8 Injury of other nerves at hip and thigh level

S74.9 Injury of unspecified nerve at hip and thigh level

Injuries to the knee and lower leg (S80–S89)

S84 Injury of nerves at lower leg level

Excludes: injury of nerves at ankle and foot level (S94.–)

S84.0 Injury of tibial nerve at lower leg level

S84.1 Injury of peroneal nerve at lower leg level
S84.10 Superficial peroneal nerve
S84.11 Deep peroneal nerve
S84.12 Deep and superficial peroneal nerves

S84.2 Injury of cutaneous sensory nerve at lower leg level
S84.20 Lateral cutaneous nerve of calf
S84.21 Saphenous nerve
S84.22 Musculocutaneous nerve
S84.23 Sural nerve

S84.7 Injury of multiple nerves at lower leg level

S84.8 Injury of other nerves at lower leg level

S84.9 Injury of unspecified nerve at lower leg level

Injuries to the ankle and foot (S90–S99)

S94 Injury of nerves at ankle and foot level
S94.0 Injury of lateral plantar nerve
S94.1 Injury of medial plantar nerve
ICD-NA

S94.2 Injury of deep peroneal nerve at ankle and foot level
Terminal, lateral branch of deep peroneal nerve

S94.3 Injury of cutaneous sensory nerve at ankle and foot level

S94.7 Injury of multiple nerves at ankle and foot level

S94.8 Injury of other nerves at ankle and foot level

S94.9 Injury of unspecified nerve at ankle and foot level

Injuries involving multiple body regions
(T00–T07)

T02 Fractures involving multiple body regions
The following subdivisions are provided for optional use where it is not possible or not desired to use multiple coding to identify fracture and open wound. A fracture not indicated as closed or open should be classified as closed.

T02.x0 Closed
T02.x1 Open

T02.0 Fractures involving head with neck
Includes: fractures of sites classifiable to S02.– and S12.–

T02.1 Fractures involving thorax with lower back and pelvis
Includes: fractures of sites classifiable to S22.–, S32.– and T08
Excludes: when combined with fractures of limb(s) (T02.7)

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

T03 Dislocations, sprains and strains involving multiple body regions

T03.0 Dislocations, sprains and strains involving head with neck
Dislocations, sprains and strains of sites classifiable to S03.– and S13.–

T03.1 Dislocations, sprains and strains involving thorax with lower back and pelvis
Dislocations, sprains and strains of sites classifiable to S23.–, S33.– and T09.2

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

Crushing injuries involving head with neck
Crushing injuries of sites classifiable to S07.– and S17.–

Crushing injuries involving thorax with abdomen, lower back and pelvis

Other injuries involving multiple body regions, not elsewhere classified

Injuries of brain and cranial nerves with injuries of nerves and spinal cord at neck level
Injuries classifiable to S04.– and S06.– with injuries classifiable to S14.–

Injuries of nerves and spinal cord involving other multiple body regions

Injuries of nerves involving multiple body regions

Injuries classifiable to S04.– and S06.– with injuries classifiable to S14.–

Excludes: with spinal cord involvement (T06.0–T06.1)

Injuries to unspecified part of trunk, limb or body region (T08–T14)

Fracture of spine, level unspecified

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

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

Closed

Open

Other injuries of spine and trunk, level unspecified

Dislocation, sprain and strain of unspecified joint and ligament of trunk

Injury of spinal cord, level unspecified
T09.4 Injury of unspecified nerve, spinal nerve root and plexus of trunk

**T11** Other injuries of upper limb, level unspecified

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

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

T13.3 Injury of unspecified nerve of lower limb, level unspecified

**T14** Injury of unspecified body region

*Excludes:* injuries involving multiple body regions (T03–T04, T06)

T14.0 Superficial injury of unspecified body region

Abrasions
Blisters (nonthermal)
Bruises
Contusions
Haematomas
Injury from superficial foreign body (splinter) without major open wound
Insect bite (nonvenomous)
Superficial injury

T14.1 Open wound of unspecified body region

Animal bite
Cuts
Lacerations
Open wounds
Puncture wound with (penetrating) foreign body

*Excludes:* traumatic amputation NOS (T14.7)

T14.2 Fracture of unspecified body region

Fractures:
- NOS
- closed
- dislocated
- displaced
- open

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

T14.20 Closed
T14.21 Open
### INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T14.3</td>
<td>Dislocation, sprain and strain of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Avulsion</td>
</tr>
<tr>
<td></td>
<td>Laceration</td>
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<tr>
<td></td>
<td>Sprain</td>
</tr>
<tr>
<td></td>
<td>Strain</td>
</tr>
<tr>
<td></td>
<td>Traumatic:                     {joint (capsule), ligament} NOS</td>
</tr>
<tr>
<td></td>
<td>• haemarthrosis</td>
</tr>
<tr>
<td></td>
<td>• rupture</td>
</tr>
<tr>
<td></td>
<td>• subluxation</td>
</tr>
<tr>
<td></td>
<td>• tear</td>
</tr>
<tr>
<td>T14.4</td>
<td>Injury of nerve(s) of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Injury of nerve</td>
</tr>
<tr>
<td></td>
<td>Traumatic:                     {division of nerve, haematomyelia, paralysis (transient)} NOS</td>
</tr>
<tr>
<td></td>
<td>* excludes: multiple injuries of nerves NOS (T06.2)</td>
</tr>
<tr>
<td>T14.5</td>
<td>Injury of blood vessel(s) of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Avulsion</td>
</tr>
<tr>
<td></td>
<td>Cut</td>
</tr>
<tr>
<td></td>
<td>Injury</td>
</tr>
<tr>
<td></td>
<td>Laceration</td>
</tr>
<tr>
<td></td>
<td>Traumatic:                     {aneurysm or fistula (arteriovenous), arterial haematom, rupture} NOS</td>
</tr>
<tr>
<td>T14.6</td>
<td>Injury of tendons and muscles of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Avulsion</td>
</tr>
<tr>
<td></td>
<td>Cut</td>
</tr>
<tr>
<td></td>
<td>Injury</td>
</tr>
<tr>
<td></td>
<td>Laceration</td>
</tr>
<tr>
<td></td>
<td>Traumatic:                     {of muscle(s) NOS and tendon(s) NOS}</td>
</tr>
<tr>
<td>T14.7</td>
<td>Crushing injury and traumatic amputation of unspecified body region</td>
</tr>
<tr>
<td></td>
<td>Crushing injury NOS</td>
</tr>
<tr>
<td></td>
<td>Traumatic amputation NOS</td>
</tr>
<tr>
<td>T14.8</td>
<td>Other injuries of unspecified body region</td>
</tr>
<tr>
<td>T14.9</td>
<td>Injury, unspecified</td>
</tr>
</tbody>
</table>
Effects of foreign body entering through natural orifice
(T15–T19)

T17.– Foreign body in respiratory tract
Includes: asphyxia due to foreign body
inhalation of liquid or vomitus NOS

Poisoning by drugs, medicaments and biological substances
(T36–T50)

Includes: overdose of these substances
wrong substance given or taken in error

Excludes: adverse effects [“hypersensitivity”, “reaction”, etc.] of correct substance properly administered; such cases are to be classified according to the nature of the adverse effect, such as:

- aspirin gastritis (K29.–)
- blood disorders (D50–D76)
- unspecified adverse effect of drug (T88.7)

drug dependence and related mental and behavioural disorders
due to psychoactive substance use (F10–F19)
drug reaction and poisoning affecting the fetus and newborn (P00–P96)
pathological drug intoxication (F10–F19)

T36 Poisoning by systemic antibiotics
Excludes: antineoplastic antibiotics (T45.1)

T36.0 Penicillins
T36.1 Cefalosporins and other β-lactam antibiotics
T36.2 Chloramphenicol group
T36.4 Tetracyclines
T36.5 Aminoglycosides
Streptomycin
T36.6 Rifamycins
T36.7 Antifungal antibiotics, systemically used
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T36.8 Other systemic antibiotics
T36.9 Systemic antibiotic, unspecified

T37 Poisoning by other systemic anti-infectives and antiparasitics

T37.0 Sulfonamides

T37.1 Antimycobacterial drugs
  *Excludes:* rifamycins (T36.6)
  streptomycin (T36.5)

T37.10 Dapsone

T37.2 Antimalarials and drugs acting on other blood protozoa
  *Excludes:* hydroxyquinoline derivatives (T37.8)

T37.3 Other antiprotozoal drugs

T37.4 Anthelminthics

T37.8 Other specified systemic anti-infectives and antiparasitics
  T37.80 Hydroxyquinoline derivatives
  T37.81 Clioquinol

T37.9 Systemic anti-infective and antiparasitic, unspecified

T38 Poisoning by hormones and their synthetic substitutes and antagonists, not elsewhere classified

*Excludes:* mineralocorticoids and their antagonists (T50.0)
  oxytocic hormones (T48.0)
  parathyroid hormones and derivatives (T50.9)

T38.0 Glucocorticoids and synthetic analogues

T38.1 Thyroid hormones and substitutes

T38.2 Antithyroid drugs

T38.3 Insulin and oral hypoglycaemic [antidiabetic] drugs

T38.4 Oral contraceptives
  Multiple- and single-ingredient preparations

T38.5 Other estrogens and progestogens
  Mixtures and substitutes
T38.6  Antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified
Tamoxifen

T38.7  Androgens and anabolic congeners

T38.8  Other and unspecified hormones and their synthetic substitutes
Anterior pituitary [adenohypophyseal] hormones

T39  Poisoning by nonopioid analgesics, antipyretics and antirheumatics

T39.0  Salicylates

T39.1  4-Aminophenol derivatives

T39.2  Pyrazolone derivatives

T39.3  Other nonsteroidal anti-inflammatory drugs [NSAID]

T39.4  Antirheumatics, not elsewhere classified
Excludes: glucocorticoids (T38.0)
salicylates (T39.0)

T39.8  Other nonopioid analgesics and antipyretics, not elsewhere classified

T40  Poisoning by narcotics and psychodysleptics [hallucinogens]
Excludes: drug dependence and related mental and behavioural disorders due to psychoactive substance use (F10–F19)

T40.0  Opium

T40.1  Heroin

T40.2  Other opioids
Codeine
Morphine

T40.3  Methadone

T40.4  Other synthetic narcotics
Pethidine

T40.5  Cocaine

T40.6  Other and unspecified narcotics

T40.7  Cannabis (derivatives)
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T40.8 Lysergide [LSD]
T40.9 Other and unspecified psychodysleptics [hallucinogens]
   T40.90 Mescaline
   T40.91 Psilocin
   T40.92 Psilocybine
   T40.93 Phencyclidine
   T40.94 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine [MPTP]

T41 Poisoning by anaesthetics and therapeutic gases
   Excludes: benzodiazepines (T42.4)
             cocaine (T40.5)
             opioids (T40.0–T40.2)

   T41.0 Inhaled anaesthetics
          T41.00 Nitrous oxide

   T41.1 Intravenous anaesthetics
          Thiobarbiturates

   T41.2 Other and unspecified general anaesthetics

   T41.3 Local anaesthetics

   T41.5 Therapeutic gases
          Carbon dioxide
          Oxygen

T42 Poisoning by antiepileptic, sedative–hypnotic and antiparkinsonism drugs
   Excludes: drug dependence and related mental and behavioural disorders due to psychoactive substance use (F10–F19)

   T42.0 Hydantoin derivatives
          Excludes: fetal hydantoin syndrome (Q86.1)

   T42.1 Iminostilbenes
          Carbamazepine

   T42.2 Succinimides and oxazolidinediones

   T42.3 Barbiturates
          Excludes: thiobarbiturates (T41.1)

   T42.4 Benzodiazepines

   T42.5 Mixed antiepileptics, not elsewhere classified
T42.6 Other antiepileptic and sedative-hypnotic drugs
Methaqualone
Paraldehyde
Valproic acid
*Excludes:* carbamazepine (T42.1)

T42.7 Antiepileptic and sedative-hypnotic drugs, unspecified
Sleeping:
- draught
- drug
- tablet
\{NOS\}

T42.8 Antiparkinsonism drugs and other central muscle-tone depressants
Amantadine

**T43** Poisoning by psychotropic drugs, not elsewhere classified
*Excludes:* barbiturates (T42.3)
benzodiazepines (T42.4)
methaqualone (T42.6)
psychodysleptics [hallucinogens] (T40.7–T40.9)

T43.0 Tricyclic and tetracyclic antidepressants
T43.1 Monoamine-oxidase-inhibitor antidepressants
T43.2 Other and unspecified antidepressants
T43.3 Phenothiazine antipsychotics and neuroleptics
T43.4 Butyrophenone and thioxanthene neuroleptics
T43.5 Other and unspecified antipsychotics and neuroleptics
Lithium
*Excludes:* rauwolfia (T46.5)

T43.6 Psychostimulants with abuse potential
*Excludes:* cocaine (T40.5)

T43.8 Other psychotropic drugs, not elsewhere classified
T43.9 Psychotropic drug, unspecified

**T44** Poisoning by drugs primarily affecting the autonomic nervous system
T44.0 Anticholinesterase agents
T44.1 Other parasympathomimetics [cholinergics]
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T44.2 Ganglionic blocking drugs, not elsewhere classified

T44.3 Other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, not elsewhere classified
Papaverine

T44.4 Predominantly α-adrenoreceptor agonists, not elsewhere classified
Metaraminol

T44.5 Predominantly β-adrenoreceptor agonists, not elsewhere classified
Excludes: salbutamol (T48.6)

T44.6 α-Adrenoreceptor antagonists, not elsewhere classified
Excludes: ergot alkaloids (T48.0)

T44.7 β-Adrenoreceptor antagonists, not elsewhere classified

T44.8 Centrally acting and adrenergic-neuron-blocking agents, not elsewhere classified
Excludes: clonidine (T46.5)
guanethidine (T46.5)

T44.9 Other and unspecified drugs primarily affecting the autonomic nervous system
Drug stimulating both α- and β-adrenoreceptors

T45 Poisoning by primarily systemic and haematological agents, not elsewhere classified

T45.0 Antiallergic and antiemetic drugs
Cinnarizine
Excludes: phenothiazine-based neuroleptics (T43.3)

T45.1 Antineoplastic and immunosuppressive drugs
Cytarabine

T45.2 Vitamins, not elsewhere classified
Excludes: nicotinic acid (derivatives) (T46.7)
vitamin K (T45.7)

T45.3 Enzymes, not elsewhere classified

T45.4 Iron and its compounds

T45.5 Anticoagulants

T45.7 Anticoagulant antagonists, vitamin K and other coagulants
T45.8 Other primarily systemic and haematological agents
Liver preparations and other antianaemic agents
Natural blood and blood products
Plasma substitute
Excludes: immunoglobulin (T50.9)
iron (T45.4)

T46 Poisoning by agents primarily affecting the cardiovascular system
Excludes: metaraminol (T44.4)

T46.0 Cardiac-stimulant glycosides and drugs of similar action

T46.1 Calcium-channel blockers
Diltiazem

T46.2 Other antidysrhythmic drugs, not elsewhere classified

T46.3 Coronary vasodilators, not elsewhere classified
Excludes: β-adrenoreceptor antagonists (T44.7)
T46.30 Aminodarone
T46.31 Dipyridamole

T46.4 Angiotensin-converting-enzyme inhibitors

T46.5 Other antihypertensive drugs, not elsewhere classified
Clonidine
Guanethidine
Rauwolfia
Reserpine tetrabenazine
T46.50 Perhexiline

T46.6 Antihyperlipidaemic and antiarteriosclerotic drugs

T46.7 Peripheral vasodilators
Nicotinic acid (derivatives)
Flunarizine

T46.8 Antivaricose drugs, including sclerosing agents

T47 Poisoning by agents primarily affecting the gastrointestinal system

T47.0 Histamine H₂-receptor antagonists

T47.1 Other antacids and anti-gastric-secretion drugs

T47.5 Digestants
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T47.6  Antidiarrhoeal drugs

*Excludes:* systemic antibiotics and other anti-infectives (T36–T37)

T47.7  Emetics

T48  Poisoning by agents primarily acting on smooth and skeletal muscles and the respiratory system

T48.0  Oxytocic drugs

*Excludes:* estrogens, progestogens and antagonists (T38.4–T38.6)

T48.1  Skeletal muscle relaxants [neuromuscular blocking agents]

Aminophylline

T48.3  Antitussives

T48.4  Expectorants

T48.5  Anti-common-cold drugs

T48.6  Antiasthmatics, not elsewhere classified

Salbutamol

*Excludes:* β-adrenoreceptor agonists (T44.5)

Anterior pituitary [adenohypophyseal] hormones

(T38.8)

T49  Poisoning by topical agents primarily affecting skin and mucous membrane and by ophthalmological, otorhinolaryngological and dental drugs

*Includes:* glucocorticoids, topically used

T49.0  Local antifungal, anti-infective and anti-inflammatory drugs, not elsewhere classified

T49.1  Antipruritics

T49.2  Local astringents and local detergents

T49.3  Emollients, demulcents and protectants

T49.4  Keratolytics, keratoplastics and other hair treatment drugs and preparations

T49.5  Ophthalmological drugs and preparations

Eye anti-infectives

T49.6  Otorhinolaryngological drugs and preparations

Ear, nose and throat preparations

T49.7  Dental drugs, topically applied

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T49.8 Other topical agents
   Spermicides

T49.9 Topical agent, unspecified

T50 Poisoning by diuretics and other and unspecified drugs, medicaments and biological substances

T50.0 Mineralocorticoids and their antagonists

T50.2 Carbonic-anhydrase inhibitors, benzothiazides and other diuretics
   Acetazolamide

T50.3 Electrolytic, caloric and water-balance agents
   Oral rehydration salts

T50.4 Drugs affecting uric acid metabolism

T50.5 Appetite depressants

T50.6 Antidotes and chelating agents, not elsewhere classified
   Alcohol deterrents

T50.7 Analgesics and opioid receptor antagonists

T50.8 Diagnostic agents

T50.9 Other and unspecified drugs, medicaments and biological substances
   Acidifying agents
   Alkalizing agents
   Immunoglobulin
   Immunologicals
   Lipotropic drugs
   Parathyroid hormones and derivatives

Toxic effects of substances chiefly nonmedicinal as to source
(T51–T65)

T51 Toxic effect of alcohol

T51.0 Ethanol
   Ethyl alcohol

   Excludes: acute alcohol intoxication or "hangover" effects (F10.0)
   drunkenness (F10.0)
   pathological alcohol intoxication (F10.0)
### INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

<table>
<thead>
<tr>
<th>Section</th>
<th>Substance</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T51.1</td>
<td>Methanol</td>
<td>Methyl alcohol</td>
</tr>
<tr>
<td>T51.2</td>
<td>2-Propanol</td>
<td>Isopropyl alcohol</td>
</tr>
</tbody>
</table>
| T51.3   | Fusel oil | Alcohol:  
  - amyl  
  - butyl [1-butanol]  
  - propyl [1-propanol] |
| T51.8   | Other alcohols | |
| T52    | Toxic effect of organic solvents | |
| T52.0   | Petroleum products | Gasoline [petrol]  
  Kerosine [paraffin oil]  
  Paraffin wax  
  Petroleum:  
  - ether  
  - naphtha  
  - spirits |
| T52.1   | Benzene | Excludes: homologues of benzene (T52.2)  nitroderivatives and aminoderivatives of benzene and its homologues (T65.3) |
| T52.2   | Homologues of benzene | Toluene [methylbenzene]  
  Xylene [dimethylbenzene] |
| T52.3   | Glycols | |
| T52.4   | Ketones | T52.40 Methyl isobutyl ketone |
| T52.8   | Other organic solvents | Includes: adhesives  
  T52.80 n-Hexane  
  T52.88 Other specified hexacarbons |
**T53**  Toxic effect of halogen derivatives of aliphatic and aromatic hydrocarbons

T53.0  Carbon tetrachloride
        Tetrachloromethane

T53.5  Chlorofluorocarbons

T53.9  Halogen derivative of aliphatic and aromatic hydrocarbons, unspecified

**T54**  Toxic effect of corrosive substances

T54.0  Phenol and phenol homologues

T54.2  Corrosive acids and acid-like substances
        Acid:
        • hydrochloric
        • sulfuric

T54.3  Corrosive alkalis and alkali-like substances
        Potassium hydroxide
        Sodium hydroxide

T54.9  Corrosive substance, unspecified

**T55**  Toxic effect of soaps and detergents

**T56**  Toxic effect of metals

*Includes:* fumes and vapours of metals
        metals from all sources, except medicinal substances

*Excludes:* arsenic and its compounds (T57.0)
        manganese and its compounds (T57.2)
        thallium (T60.4)

T56.0  Lead and its compounds

T56.1  Mercury and its compounds

T56.2  Chromium and its compounds

T56.3  Cadmium and its compounds

T56.4  Copper and its compounds

T56.5  Zinc and its compounds

T56.6  Tin and its compounds

T56.7  Beryllium and its compounds

T56.8  Other metals
T56.9  Metal, unspecified

**T57**  Toxic effect of other inorganic substances

T57.0  Arsenic and its compounds
T57.1  Phosphorus and its compounds
T57.2  Manganese and its compounds
T57.3  Hydrogen cyanide
T57.8  Other specified inorganic substances
T57.9  Inorganic substance, unspecified

**T58**  Toxic effect of carbon monoxide

**T59**  Toxic effect of other gases, fumes and vapours  
*Includes:*  aerosol propellants

T59.0  Nitrogen oxides
T59.3  Lacrimogenic gas  
Tear gas
T59.7  Carbon dioxide
T59.8  Other specified gases, fumes or vapours
  T59.80  Polyester fumes
  T59.81  Thylene oxide
T59.9  Gases, fumes and vapours, unspecified

**T60**  Toxic effect of pesticides  
*Includes:*  wood preservatives

T60.2  Other insecticides
  T60.20  Pyrethroids
T60.3  Herbicides and fungicides
T60.4  Rodenticides  
Pyriminil
Thallium  
*Excludes:*  strychnine and its salts (T65.1)
T60.8  Other pesticides
T60.9  Pesticide, unspecified

INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES
T61  Toxic effect of noxious substances eaten as seafood
   T61.0  Ciguatera fish poisoning
   T61.2  Other fish and shellfish poisoning
   T61.9  Toxic effect of unspecified seafood

T62  Toxic effect of other noxious substances eaten as food
   T62.2  Other ingested (parts of) plant(s)
      T62.20  Toxic effect of nuts
            T62.200  Garsava
            T62.201  Cyead
      T62.21  Toxic effect of seeds
            T62.210  Lathyrus sativus
   T62.8  Other specified noxious substances eaten as food
   T62.9  Noxious substance eaten as food, unspecified

T63-  Toxic effect of contact with venomous animals

T64  Toxic effect of aflatoxin and other mycotoxin food contaminants

T65  Toxic effect of other and unspecified substances
   T65.0  Cyanides
      Excludes: hydrogen cyanide (T57.3)
      T65.00  Cyanates
            Toluene di-isocyanate
   T65.1  Strychnine and its salts
   T65.2  Tobacco and nicotine
   T65.3  Nitroderivatives and aminoderivatives of benzene and its homologues
      Aniline [benzenamine]
      Nitrobenzene
      Trinitrotoluene
   T65.6  Paints and dyes, not elsewhere classified
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T65.8 Toxic effect of other specified substances
T65.80 Organophosphorus compounds
T65.81 Acrylamide
T65.82 Propionitrile
  T65.820 β,β’-iminodipropionitrile
  T65.821 Dimethylaminopropionitrile

Other and unspecified effects of external causes (T66–T78)

T67 Effects of heat and light

Excludes: malignant hyperthermia due to anaesthesia (T88.3)

T67.0 Heatstroke and sunstroke
Heat:
  • apoplexy
  • pyrexia
  Siriasis
  Thermoplegia

T67.1 Heat syncope
Heat collapse

T67.2 Heat cramp

T67.3 Heat exhaustion, anhydrotic
Heat prostration due to water depletion
Excludes: heat exhaustion due to salt depletion (T67.4)

T67.4 Heat exhaustion due to salt depletion
Heat prostration due to salt (and water) depletion

T67.5 Heat exhaustion, unspecified
Heat prostration NOS

T67.6 Heat fatigue, transient

T68 Hypothermia
Accidental hypothermia
Excludes: hypothermia not associated with low environmental temperature (R68.0)

T70 Effects of air pressure and water pressure

T70.0 Otitic barotrauma
Aero-otitis media
Effects of change in ambient atmospheric pressure or water pressure on ears

T70.1 **Sinus barotrauma**
Aerosinusitis
Effects of change in ambient atmospheric pressure on sinuses

T70.2 **Other and unspecified effects of high altitude**
Alpine sickness
Altitudinal insomnia
Anoxia due to high altitude
Barotrauma NOS
Hypobaropathy
Mountain sickness
*Excludes:* polycythaemia due to high altitude (D75.1)

T70.3 **Caisson disease [decompression sickness]**
Compressed-air disease
Diver's palsy or paralysis

T70.4 **Effects of high-pressure fluids**
Traumatic jet injection (industrial)

T70.8 **Other effects of air pressure and water pressure**
Blast injury syndrome

T70.9 **Effects of air pressure and water pressure, unspecified**

**T71**

**Asphyxiation**
Suffocation (by strangulation)
Systemic oxygen deficiency due to:
• low oxygen content in ambient air
• mechanical threat to breathing
*Excludes:* anoxia due to high altitude (T70.2)
asphyxia from:
• carbon monoxide (T58)
• inhalation of food or foreign body (T17)
• other gases, fumes and vapours (T59.–)

**T73**

**Effects of other deprivation**

T73.0 **Effects of hunger**
Deprivation of food
Starvation

T73.1 **Effects of thirst**
Deprivation of water
### INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<td>Exhaustion due to excessive exertion</td>
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<td>T73.8</td>
<td>Other effects of deprivation</td>
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<td>T73.9</td>
<td>Effect of deprivation, unspecified</td>
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<td><strong>T74</strong></td>
<td><strong>Maltreatment syndromes</strong></td>
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<tr>
<td></td>
<td>Use additional code, if desired, to identify current</td>
</tr>
<tr>
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<td>injury.</td>
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<td>T74.0</td>
<td>Neglect or abandonment</td>
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<td>T74.1</td>
<td>Physical abuse</td>
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<td>Battered:</td>
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<td></td>
<td>- baby or child syndrome NOS</td>
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<td>- spouse syndrome NOS</td>
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<td>T74.2</td>
<td>Sexual abuse</td>
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<td>T74.8</td>
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<td>Mixed forms</td>
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<td>T74.9</td>
<td>Maltreatment syndrome, unspecified</td>
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<td></td>
<td>Effects of:</td>
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<tr>
<td></td>
<td>- abuse of adult NOS</td>
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<td></td>
<td>- child abuse NOS</td>
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<td><strong>T75</strong></td>
<td><strong>Effects of other external causes</strong></td>
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<td></td>
<td><em>Excludes</em>: adverse effects NEC (T78.—)</td>
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<td>Shock from lightning</td>
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<td>T75.1</td>
<td>Drowning and nonfatal submersion</td>
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<td>Immersion</td>
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<td>Pneumatic hammer syndrome</td>
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<td>Traumatic vasospastic syndrome</td>
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<td>T75.3</td>
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<td>Airsickness</td>
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<td></td>
<td>Seasickness</td>
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<td>Travel sickness</td>
</tr>
</tbody>
</table>

421
Effects of electric current
Electrocution
Shock from electric current

Other specified effects of external causes
Effects of:
• abnormal gravitational [G] forces
• weightlessness

Adverse effects, not elsewhere classified
Note: This category is to be used as the primary code to identify the effects, not elsewhere classifiable, of unknown, undetermined or ill-defined causes. For multiple coding purposes this category may be used as an additional code to identify the effect of conditions classified elsewhere.

Excludes: complications of surgical and medical care NEC (T80–T88)

Anaphylactic shock due to adverse food reaction

Anaphylactic shock, unspecified
Allergic shock
Anaphylactic reaction NOS
Anaphylaxis
Excludes: anaphylactic shock due to:
• adverse effect of correct medicinal substance properly administered (T88.6)
• adverse food reaction (T78.0)
• serum (T80.5)

Angioneurotic oedema
Giant urticaria
Quincke's oedema

Allergy, unspecified
Allergic reaction NOS
Hypersensitivity NOS
Idiosyncrasy NOS
Excludes: allergic reaction NOS to correct medicinal substance properly administered (T88.7)

Other adverse effects, not elsewhere classified
Certain early complications of trauma (T79)

**T79**  
**Certain early complications of trauma, not elsewhere classified**  
*Excludes:* complications of surgical and medical care NEC (T80-T88)

**T79.0** Air embolism (traumatic)

**T79.1** Fat embolism (traumatic)

**T79.2** Traumatic secondary and recurrent haemorrhage

**T79.3** Post-traumatic wound infection, not elsewhere classified

**T79.4** Traumatic shock  
Shock (immediate)(delayed) following injury  
*Excludes:* shock:
  - anaesthetic (T88.2)
  - anaphylactic:
    - NOS (T78.2)
  - due to:
    - adverse food reaction (T78.0)
    - correct medicinal substance properly administered (T88.6)
    - serum (T80.5)
    - complicating abortion or ectopic or molar pregnancy (O08.3)
    - electric (T75.4)
    - lightning (T75.0)
    - nontraumatic NEC (R57.--)
    - obstetric (O75.1)
    - postoperative (T81.1)

**T79.6** Traumatic ischaemia of muscle  
Compartment syndrome  
Volkmann’s ischaemic contracture
Complications of surgical and medical care, not elsewhere classified
(T80–T88)

**T80** Complications following infusion, transfusion and therapeutic injection

*Includes:* perfusion

**T80.2** Infections following infusion, transfusion and therapeutic injection

*Infection*

* Sepsis

* Septicaemia

following infusion, transfusion and therapeutic injection

**T80.5** Anaphylactic shock due to serum

**T81** Complications of procedures, not elsewhere classified

*Excludes:* adverse effect of drug NOS (T88.7)

complication following infusion, transfusion and therapeutic injection (T80.–)

specified complications classified elsewhere, such as:

- complications of prosthetic devices, implants and grafts (T82–T85)
- poisoning and toxic effects of drugs and chemicals (T36–T65)

**T81.0** Haemorrhage and haematoma complicating a procedure, not elsewhere classified

Haemorrhage at any site resulting from a procedure

**T81.1** Shock during or resulting from a procedure, not elsewhere classified

*Collapse NOS*  
*Shock (endotoxic)(hypovolaemic)(septic)*  
*Postoperative shock NOS*

*Excludes:* shock:

- anaesthetic (T88.2)
- anaphylactic:
  - NOS (T78.2)
- due to:
  - correct medicinal substance properly administered (T88.6)
  - serum (T80.5)
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

- electric (T75.4)
- following abortion or ectopic or molar pregnancy (O08.3)
- obstetric (O75.1)
- traumatic (T79.4)

T81.2 Accidental puncture and laceration during a procedure, not elsewhere classified
Accidental perforation of:

- blood vessel
- nerve
- organ

by:

- catheter
- endoscope
- instrument
- probe
during a procedure

T81.4 Infection following a procedure, not elsewhere classified
Abscess:

- intra-abdominal
- stitch
- subphrenic
- wound

Postprocedural

Septicaemia

T81.5 Foreign body accidentally left in body cavity or operation wound following a procedure
Adhesions
Obstruction
Perforation
due to foreign body accidentally left in operation wound or body cavity

T81.7 Vascular complications following a procedure, not elsewhere classified
Air embolism following procedure NEC

T81.8 Other complications of procedures, not elsewhere classified
Complication of inhalation therapy
Emphysema (subcutaneous) resulting from a procedure
Persistent postoperative fistula

Excludes: malignant hyperpyrexia due to anaesthesia (T88.3)

T85 Complications of other internal prosthetic devices, implants and grafts
T85.1 Mechanical complication of implanted electronic stimulator of nervous system
Breakdown (mechanical) due to electronic neurostimulator
Displacement
Leakage
Malposition
Obstruction (mechanical)
Perforation
Protrusion

T85.6 Mechanical complication of other specified internal prosthetic devices, implants and grafts
Conditions listed in T85.1 due to:
• epidural and subdural infusion catheter
• nonabsorbable surgical material NOS
• permanent sutures

T85.7 Infection and inflammatory reaction due to other internal prosthetic devices, implants and grafts

T85.8 Other complications of internal prosthetic devices, implants and grafts, not elsewhere classified
Complication due to internal prosthetic devices, implants and grafts NEC
Embolism
Fibrosis
Haemorrhage
Pain
Stenosis
Thrombosis

T88 Other complications of surgical and medical care, not elsewhere classified

T88.2 Shock due to anaesthesia
Shock due to anaesthesia in which the correct substance was properly administered
Excludes: complications of anaesthesia (in):
• from overdose or wrong substance given (T36–T50)
• labour and delivery (O74.–)
• pregnancy (O29.–)
• puerperium (O89.–)
postoperative shock NOS (T81.1)

T88.3 Malignant hyperthermia due to anaesthesia
INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

T88.6 Anaphylactic shock due to adverse effect of correct drug or medicament properly administered
Excludes: anaphylactic shock due to serum (T80.5)

T88.7 Unspecified adverse effect of drug
Adverse effect of
Allergic reaction to correct drug or medicament properly
Hypersensitivity to administered
Idiosyncrasy to Drug:
• hypersensitivity NOS
• reaction NOS

Sequelae of injuries, of poisoning and of other consequences of external causes (T90–T98)

Note: These categories are to be used to indicate conditions in S00–S99 and T00–T88 as the cause of late effects, which are themselves classified elsewhere. The “sequelae” include those specified as such, or as late effects, or those present one year or more after the acute injury. (See also Section II, note 1.5: coding of late effects.)

T90 Sequelae of injuries of head
T90.2 Sequelae of fracture of skull and facial bones
Sequelae of injury classifiable to S02.–
T90.3 Sequelae of injury of cranial nerves
Sequelae of injury classifiable to S04.–
T90.5 Sequelae of intracranial injury
Sequelae of injury classifiable to S06.–
T90.8 Sequelae of other specified injuries of head
Sequelae of injury classifiable to S03.–, S07–S08 and S09.0–S09.8
T90.9 Sequelae of unspecified injury of head
Sequelae of injury classifiable to S09.9

T91 Sequelae of injuries of neck and trunk
T91.0 Sequelae of superficial injury and open wound of neck and trunk
Sequelae of injury classifiable to S11.–
T91.1 Sequelae of fracture of spine
Sequelae of injury classifiable to S12.–, S22.0–S22.1, S32.0, S32.7 and T08

T91.2 Sequelae of other fracture of thorax and pelvis
Sequelae of injury classifiable to S32.1–S32.5 and S32.8

T91.3 Sequelae of injury of spinal cord
Sequelae of injury classifiable to S14.0–S14.1, S24.0–S24.1, S34.0–S34.1 and T09.3

T91.8 Sequelae of other specified injuries of neck and trunk
Sequelae of injury classifiable to S13.–, S14.2–S14.6, S15–S18, S19.7, S23.–, S24.2–S24.6, S33.–, S34.2–S34.8, T09.2 and T09.4

T91.9 Sequelae of unspecified injury of neck and trunk

T92 Sequelae of injuries of upper limb

T92.4 Sequelae of injury of nerve of upper limb
Sequelae of injury classifiable to S44.–, S54.–, S64.– and T11.3

T93 Sequelae of injuries of lower limb

T93.4 Sequelae of injury of nerve of lower limb
Sequelae of injury classifiable to S74.–, S84.–, and S94.–

T94 Sequelae of injuries involving multiple and unspecified body regions
Sequelae of injury classifiable to T00–T01, T03–T04, T06 and T14.–

T95.– Sequelae of burns, corrosions and frostbite

T96 Sequelae of poisoning by drugs, medicaments and biological substances
Sequelae of poisoning classifiable to T36–T50

T97 Sequelae of toxic effects of substances chiefly nonmedicinal as to source
Sequelae of toxic effects classifiable to T51–T65

T98 Sequelae of other and unspecified effects of external causes
T98.1  Sequelae of other and unspecified effects of external causes
Sequelae of effects classifiable to T66–T78

T98.2  Sequelae of certain early complications of trauma
Sequelae of effects classifiable to T79.–

T98.3  Sequelae of complications of surgical and medical care, not elsewhere classified
Sequelae of complications classifiable to T80–T88
CHAPTER XX

External causes of morbidity and mortality
(V01–Y98)

This chapter, which in previous revisions of ICD constituted a supplementary classification, permits the classification of environmental events and circumstances as the cause of injury, poisoning and other adverse effects. Where a code from this section is applicable, it is intended that it shall be used in addition to a code from another chapter of the Classification indicating the nature of the condition. Most often, the condition will be classifiable to Chapter XIX, Injury, poisoning and certain other consequences of external causes (S00–T98). Causes of death should preferably be tabulated according to both Chapter XIX and Chapter XX, but if only one code is tabulated then the code from Chapter XX should be used in preference. Other conditions that may be stated to be due to external causes are classified in Chapters I to XVIII. For these conditions, codes from Chapter XX should be used to provide additional information for multiple-condition analysis only.

Place of occurrence code

The following fourth-character subdivisions are for use with categories W85–X49 to identify the place of occurrence of the external cause where relevant:

.0 Home
.1 Residential institution
.2 School, other institution and public administrative area
.3 Sports and athletics areas
.4 Street and highway
.5 Trade and service area
.6 Industrial and construction area
.7 Farm
.8 Other specified places
.9 Unspecified place

Exposure to electric current, radiation and extreme ambient air temperature and pressure
(W85–W99)

| W85 | Exposure to electric transmission lines |
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

W86 Exposure to other specified electric current

W87 Exposure to unspecified electric current
Burns or other injury from electric current NOS
Electric shock NOS
Electrocution NOS

W88 Exposure to ionizing radiation
Radioactive isotopes
X-rays

W89 Exposure to man-made visible and ultraviolet light
Welding light (arc)

W90 Exposure to other nonionizing radiation
Infrared
Laser
Radiofrequency

W91 Exposure to unspecified type of radiation

W92 Exposure to excessive heat of man-made origin

W93 Exposure to excessive cold of man-made origin
Contact with or inhalation of:
- dry ice
- liquid:
  - air
  - hydrogen
  - nitrogen
Prolonged exposure in deep-freeze unit

W94 Exposure to high and low air pressure and changes in air pressure
High air pressure from rapid descent in water
Reduction in atmospheric pressure while surfacing from:
- deep-water diving
- underground
Residence or prolonged visit at high altitude as the cause of:
- anoxia
- barodontalgia
- barotitis
• hypoxia
• mountain sickness
Sudden change in air pressure in aircraft during ascent or descent

**W99** Exposure to other and unspecified man-made environmental factors

Accidental poisoning by and exposure to noxious substances (X40–X49)

*Note:* Evidence of alcohol involvement in combination with substances specified below may be identified by using the supplementary codes Y90–Y91.

*Includes:* accidental overdose of drug, wrong drug given or taken in error, and drug taken inadvertently accidents in the use of drugs, medicaments and biological substances in medical and surgical procedure

*Excludes:* correct drug properly administered in therapeutic or prophylactic dosage as the cause of any adverse effect (Y40–Y59)

**X40** Accidental poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics

- 4-Aminophenol derivatives
- Nonsteroidal anti-inflammatory drugs [NSAID]
- Pyrazolone derivatives
- Salicylates

**X41** Accidental poisoning by and exposure to antiepileptic, sedative–hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified

- Antidepressants
- Barbiturates
- Hydantoin derivatives
- Iminostilbenes
- Methaqualone compounds
- Neuroleptics
- Psychostimulants
- Succinimides and oxazolidinediones
- Tranquillizers
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

X42 Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified
Cannabis (derivatives)
Cocaine
Codeine
Heroin
Lysergide [LSD]
Mescaline
Methadone
Morphine
Opium (alkaloids)

X43 Accidental poisoning by and exposure to other drugs acting on the autonomic nervous system
Parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics
Parasympathomimetics [cholinergics]
Sympatholytics [antiadrenergics]
Sympathomimetics [adrenergics]

X44 Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances
Agents primarily acting on smooth and skeletal muscles and the respiratory system
Anaesthetics (general)(local)
Drugs affecting the:
• cardiovascular system
• gastrointestinal system
Hormones and synthetic substitutes
Systemic and haematological agents
Systemic antibiotics and other anti-infectives
Therapeutic gases
Topical preparations
Vaccines
Water-balance agents, and drugs affecting mineral and uric acid metabolism

X45 Accidental poisoning by and exposure to alcohol
Alcohol:
• NOS
• butyl [1-butanol]
• ethyl [ethanol]
- isopropyl [2-propanol]
- methyl [methanol]
- propyl [1-propanol]

Fusel oil

X46 Accidental poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours

Benzene and homologues
Carbon tetrachloride [tetrachloromethane]
Chlorofluorocarbons
Petroleum (derivatives)

X47 Accidental poisoning by and exposure to other gases and vapours

Carbon monoxide
Lacrimogenic gas [tear gas]
Motor (vehicle) exhaust gas
Nitrogen oxides
Sulfur dioxide
Utility gas

Excludes: metal fumes and vapours (X49)

X48 Accidental poisoning by and exposure to pesticides

Fumigants
Fungicides
Herbicides
Insecticides
Rodenticides
Wood preservatives

Excludes: plant foods and fertilizers (X49)

X49 Accidental poisoning by and exposure to other and unspecified chemicals and noxious substances

Corrosive aromatics, acids and caustic alkalis
Glues and adhesives
Metals including fumes and vapours
Paints and dyes
Plant foods and fertilizers
Poisoning NOS
Poisonous foodstuffs and poisonous plants
Soaps and detergents
Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40–Y59)

**Y40** Systemic antibiotics

*Excludes:* antibiotics, topically used (Y56.–)
antineoplastic antibiotics (Y43.3)

- **Y40.0** Penicillins
- **Y40.1** Cefalosporins and other β-lactam antibiotics
- **Y40.2** Chloramphenicol group
- **Y40.3** Macrolides
- **Y40.4** Tetracyclines
- **Y40.5** Aminoglycosides
  - Streptomycin
- **Y40.6** Rifamycins
- **Y40.7** Antifungal antibiotics, systemically used
- **Y40.8** Other systemic antibiotics
- **Y40.9** Systemic antibiotic, unspecified

**Y41** Other systemic anti-infectives and antiparasitics

*Excludes:* anti-infectives, topically used (Y56.–)

- **Y41.0** Sulfonamides
- **Y41.1** Antimycobacterial drugs
  *Excludes:* rifamycins (Y40.6)
  streptomycin (Y40.5)
- **Y41.2** Antimalarials and drugs acting on other blood protozoa
  - Chloroquine
  *Excludes:* hydroxyquinoline derivatives (Y41.8)
- **Y41.3** Other antiprotozoal drugs
- **Y41.4** Anthelminthics
- **Y41.5** Antiviral drugs
  *Excludes:* amantadine (Y46.7)
  cytarabine (Y43.1)
Y41.8 Other specified anti-infectives and antiparasitics
Hydroxyquinoline derivatives
*Excludes*: antimalarial drugs (Y41.2)

Y41.9 Systemic anti-infective and antiparasitic, unspecified

Y42 Hormones and their synthetic substitutes and antagonists, not elsewhere classified
*Excludes*: mineralocorticoids and their antagonists (Y54.0–Y54.1)
oxytocic hormones (Y55.0)
parathyroid hormones and derivatives (Y54.7)

Y42.0 Glucocorticoids and synthetic analogues
*Excludes*: glucocorticoids, topically used (Y56.–)

Y42.1 Thyroid hormones and substitutes

Y42.2 Antithyroid drugs

Y42.3 Insulin and oral hypoglycaemic [antidiabetic] drugs

Y42.4 Oral contraceptives
Multiple- and single-ingredient preparations

Y42.5 Other estrogens and progestogens
Mixture and substitutes

Y42.6 Antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified
Tamoxifen

Y42.7 Androgens and anabolic congeners

Y42.8 Other and unspecified hormones and their synthetic substitutes
Anterior pituitary [adenohypophyseal] hormones

Y42.9 Other and unspecified hormone antagonists

Y43 Primarily systemic agents
*Excludes*: vitamins NEC (Y57.7)

Y43.0 Antiallergic and antiemetic drugs
*Excludes*: phenothiazine-based neuroleptics (Y49.3)

Y43.1 Antineoplastic antimetabolites
Cytarabine

Y43.2 Antineoplastic natural products
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y43.3 Other antineoplastic drugs
Antineoplastic antibiotics
*Excludes:* tamoxifen (Y42.6)

Y43.4 Immunosuppressive agents

Y43.5 Acidifying and alkalizing agents

Y43.6 Enzymes, not elsewhere classified

Y43.8 Other primarily systemic agents, not elsewhere classified
Heavy metal antagonists

Y43.9 Primarily systemic agent, unspecified

Y44 Agents primarily affecting blood constituents

Y44.0 Iron preparations and other anti-hypochromic-anaemia preparations

Y44.1 Vitamin B₁₂, folic acid and other anti-megaloblastic-anaemia preparations

Y44.2 Anticoagulants

Y44.3 Anticoagulant antagonists, vitamin K and other coagulants

Y44.4 Antithrombotic drugs [platelet-aggregation inhibitors]
*Excludes:* acetylsalicylic acid (Y45.1)
dipyridamole (Y52.3)

Y44.5 Thrombolytic drugs

Y44.6 Natural blood and blood products
*Excludes:* immunoglobulin (Y59.3)

Y44.7 Plasma substitutes

Y44.9 Other and unspecified agents affecting blood constituents

Y45 Analgesics, antipyretics and anti-inflammatory drugs

Y45.0 Opioids and related analgesics

Y45.1 Salicylates

Y45.2 Propionic acid derivatives
Propanoic acid derivatives

Y45.3 Other nonsteroidal anti-inflammatory drugs [NSAID]
Y45.4 Antirheumatics
*Excludes:* chloroquine (Y41.2)
        glucocorticoids (Y42.0)
        salicylates (Y45.1)

Y45.4 4-Aminophenol derivatives

Y45.8 Other analgesics and antipyretics

Y45.9 Analgesic, antipyretic and anti-inflammatory drug, unspecified

**Y46 Antiepileptics and antiparkinsonism drugs**
*Excludes:* acetazolamide (Y54.2)
        barbiturates NEC (Y47.0)
        benzodiazepines (Y47.1)
        paraldehyde (Y47.3)

Y46.0 Succinimides

Y46.1 Oxazolidinediones

Y46.2 Hydantoin derivatives

Y46.3 Deoxybarbiturates

Y46.4 Iminostilbenes
        Carbamazepine

Y46.5 Valproic acid

Y46.6 Other and unspecified antiepileptics

Y46.7 Antiparkinsonism drugs
        Amantadine

Y46.8 Antispasticity drugs
*Excludes:* benzodiazepines (Y47.1)

**Y47 Sedatives, hypnotics and antianxiety drugs**

Y47.0 Barbiturates, not elsewhere classified
*Excludes:* deoxybarbiturates (Y46.3)
        thiobarbiturates (Y48.1)

Y47.1 Benzodiazepines

Y47.2 Cloral derivatives

Y47.3 Paraldehyde

Y47.4 Bromine compounds
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y47.5 Mixed sedatives and hypnotics, not elsewhere classified

Y47.8 Other sedatives, hypnotics and antianxiety drugs
   Methaqualone

Y47.9 Sedative, hypnotic and antianxiety drug, unspecified
   Sleeping:
   • draught
   • drug
   • tablet
   NOS

Y48 Anaesthetics and therapeutic gases

Y48.0 Inhaled anaesthetics

Y48.1 Parenteral anaesthetics
   Thiobarbiturates

Y48.2 Other and unspecified general anaesthetics

Y48.3 Local anaesthetics

Y48.4 Anaesthetic, unspecified

Y48.5 Therapeutic gases

Y49 Psychotropic drugs, not elsewhere classified

Excludes: appetite depressants [anorectics] (Y57.0)
   barbiturates NEC (Y47.0)
   benzodiazepines (Y47.1)
   caffeine (Y50.2)
   cocaine (Y48.3)
   methaqualone (Y47.8)

Y49.0 Tricyclic and tetracyclic antidepressants

Y49.1 Monoamine-oxidase-inhibitor antidepressants

Y49.2 Other and unspecified antidepressants

Y49.3 Phenothiazine antipsychotics and neuroleptics

Y49.4 Butyrophenone and thioxanthene neuroleptics

Y49.5 Other antipsychotics and neuroleptics
   Excludes: rauwolfia (Y52.5)

Y49.6 Psychodysleptics [hallucinogens]

Y49.7 Psychostimulants with abuse potential

Y49.8 Other psychotropic drugs, not elsewhere classified
Y49.9  Psychotropic drug, unspecified

Y50  Central nervous system stimulants, not elsewhere classified

Y50.0  Analeptics

Y50.1  Opioid receptor antagonists

Y50.2  Methylxanthines, not elsewhere classified

- Caffeine

Excludes: aminophylline (Y55.6)
           theobromine (Y55.6)
           theophylline (Y55.6)

Y50.8  Other central nervous system stimulants

Y50.9  Central nervous system stimulant, unspecified

Y51  Drugs primarily affecting the autonomic nervous system

Y51.0  Anticholinesterase agents

Y51.1  Other parasympathomimetics [cholinergics]

Y51.2  Ganglionic blocking drugs, not elsewhere classified

Y51.3  Other parasympatholytics [anticholinergics and antimuscarinics] and spasmylytics, not elsewhere classified

- Papaverine

Y51.4  Predominantly \(\alpha\)-adrenoreceptor agonists, not elsewhere classified

- Metaraminol

Y51.5  Predominantly \(\beta\)-adrenoreceptor agonists, not elsewhere classified

Excludes: salbutamol (Y55.6)

Y51.6  \(\alpha\)-Adrenoreceptor antagonists, not elsewhere classified

Excludes: ergot alkaloids (Y55.0)

Y51.7  \(\beta\)-Adrenoreceptor antagonists, not elsewhere classified

Y51.8  Centrally acting and adrenergic-neuron-blocking agents, not elsewhere classified

Excludes: clonidine (Y52.5)
           guanethidine (Y52.5)
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y51.9 Other and unspecified drugs primarily affecting the autonomic nervous system
Drugs stimulating both α- and β-adrenoreceptors

**Y52** Agents primarily affecting the cardiovascular system
*Excludes:* metaraminol (Y51.4)

Y52.0 Cardiac-stimulant glycosides and drugs of similar action

Y52.1 Calcium-channel blockers

Y52.2 Other antidysrhythmic drugs, not elsewhere classified
*Excludes:* β-adrenoreceptor antagonists (Y51.7)

Y52.3 Coronary vasodilators, not elsewhere classified
Aminodarone
Dipyridamole
*Excludes:* β-adrenoreceptor antagonists (Y51.7)
calcium-channel blockers (Y52.1)

Y52.4 Angiotensin-converting-enzyme inhibitors

Y52.5 Other antihypertensive drugs, not elsewhere classified
Clonidine
Guanethidine
Rauwolfia
*Excludes:* β-adrenoreceptor antagonists (Y51.7)
calcium-channel blockers (Y52.1)
diuretics (Y54.0–Y54.5)

Y52.6 Antihyperlipidaemic and antiarteriosclerotic drugs

Y52.7 Peripheral vasodilators
Nicotinic acid (derivatives)
*Excludes:* papaverine (Y51.3)

Y52.8 Antivaricose drugs, including sclerosing agents

Y52.9 Other and unspecified agents primarily affecting the cardiovascular system

**Y53** Agents primarily affecting the gastrointestinal system

Y53.0 Histamine H₂-receptor antagonists

Y53.1 Other antacids and anti-gastric-secretion drugs

Y53.2 Stimulant laxatives

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Y53.3  Saline and osmotic laxatives
Y53.4  Other laxatives
  Intestinal atonia drugs
Y53.5  Digestants
Y53.6  Antidiarrhoeal drugs
  Excludes: systemic antibiotics and other anti-infectives (Y40–Y41)
Y53.7  Emetics
Y53.8  Other agents primarily affecting the gastrointestinal system
Y53.9  Agent primarily affecting the gastrointestinal system, unspecified

Y54  Agents primarily affecting water-balance and mineral and uric acid metabolism
Y54.0  Mineralocorticoids
Y54.1  Mineralocorticoid antagonists [aldosterone antagonists]
Y54.2  Carbonic-anhydrase inhibitors
  Acetazolamide
Y54.3  Benzo thiadiazine derivatives
Y54.4  Loop [high-ceiling] diuretics
Y54.5  Other diuretics
Y54.6  Electrolytic, caloric and water-balance agents
  Oral rehydration salts
Y54.7  Agents affecting calcification
  Parathyroid hormones and derivatives
  Vitamin D group
Y54.8  Agents affecting uric acid metabolism
Y54.9  Mineral salts, not elsewhere classified

Y55  Agents primarily acting on smooth and skeletal muscles and the respiratory system
Y55.0  Oxytocic drugs
  Ergot alkaloids
  Excludes: estrogens, progestogens and antagonists (Y42.5–Y42.6)
Y55.1  Skeletal muscle relaxants [neuromuscular blocking agents]
  Excludes: antispasticity drugs (Y46.8)
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y55.2 Other and unspecified agents primarily acting on muscles
Y55.3 Antitussives
Y55.4 Expectorants
Y55.5 Anti-common-cold drugs
Y55.6 Antiasthmatics, not elsewhere classified
   Aminophylline
   Salbutamol
   Theobromine
   Theophylline
   Excludes: β-adrenoreceptor agonists (Y51.5)
   anterior pituitary [adenohypophyseal] hormones (Y42.8)
Y55.7 Other and unspecified agents primarily acting on the respiratory system

Y56 Topical agents primarily affecting skin and mucous membrane and ophthalmological, otorhinolaryngological and dental drugs
   Includes: glucocorticoids, topically used
Y56.0 Local antifungal, anti-infective and anti-inflammatory drugs, not elsewhere classified
Y56.1 Antipruritics
Y56.2 Local astringents and local detergents
Y56.3 Emollients, demulcents and protectants
Y56.4 Keratolytics, keratoplastics and other hair treatment drugs and preparations
Y56.5 Ophthalmological drugs and preparations
Y56.6 Otorhinolaryngological drugs and preparations
Y56.7 Dental drugs, topically applied
Y56.8 Other topical agents
   Spermicides
Y56.9 Topical agent, unspecified

Y57 Other and unspecified drugs and medicaments
Y57.0 Appetite depressants [anorectics]
Y57.1 Lipotropic drugs
ICD-NA

Y57.2 Antidotes and chelating agents, not elsewhere classified
Y57.3 Alcohol deterrents
Y57.4 Pharmaceutical excipients
Y57.5 X-ray contrast media
Y57.6 Other diagnostic agents
Y57.7 Vitamins, not elsewhere classified
  Excludes: nicotinic acid (Y52.7)
  vitamin B₁₂ (Y44.1)
  vitamin D (Y54.7)
  vitamin K (Y44.3)
Y57.8 Other drugs and medicaments
Y57.9 Drug or medicament, unspecified

**Y58** Bacterial vaccines

Y58.0 BCG vaccine
Y58.1 Typhoid and paratyphoid vaccine
Y58.2 Cholera vaccine
Y58.3 Plague vaccine
Y58.4 Tetanus vaccine
Y58.5 Diphtheria vaccine
Y58.6 Pertussis vaccine, including combinations with a pertussis component
Y58.8 Mixed bacterial vaccines, except combinations with a pertussis component
Y58.9 Other and unspecified bacterial vaccines

**Y59** Other and unspecified vaccines and biological substances

Y59.0 Viral vaccines
Y59.1 Rickettsial vaccines
Y59.2 Protozoal vaccines
Y59.3 Immunoglobulin
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y59.8 Other specified vaccines and biological substances
Y59.9 Vaccine or biological substance, unspecified

Misadventures to patients during surgical and medical care (Y60–Y69)

Excludes: accidental overdose of drug and wrong drug given in error (X40–X44)
neurological devices associated with adverse incidents in diagnostic and therapeutic use (Y75–)
surgical and medical procedures as the cause of abnormal reaction by the patient, without mention of misadventure at the time of procedure (Y83–Y84)

Y60.– Unintentional cut, puncture, perforation or haemorrhage during surgical and medical care
Y61.– Foreign object accidentally left in body during surgical and medical care
Y62.– Failure of sterile precautions during surgical and medical care
Y63.– Failure in dosage during surgical and medical care
Y64.– Contaminated medical or biological substances
Y65.– Other misadventures during surgical and medical care
Y69 Unspecified misadventure during surgical and medical care

Medical devices associated with adverse incidents in diagnostic and therapeutic use (Y70–Y82)

Y75 Neurological devices associated with adverse incidents
Y75.0   Diagnostic and monitoring devices
Y75.1   Therapeutic (nonsurgical) and rehabilitative devices
Y75.2   Prosthetic and other implants, materials and accessory devices
Y75.3   Surgical instruments, materials and accessory devices (including sutures)
Y75.8   Miscellaneous devices, not elsewhere classified

Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure (Y83-Y84)

Y83   Surgical operation and other surgical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure
Y83.0   Surgical operation with transplant of whole organ
Y83.1   Surgical operation with implant of artificial internal device
Y83.2   Surgical operation with anastomosis, bypass or graft
Y83.3   Surgical operation with formation of external stoma
Y83.4   Other reconstructive surgery
Y83.5   Amputation of limb(s)
Y83.6   Removal of other organ (partial)(total)
Y83.8   Other surgical procedures
Y83.9   Surgical procedure, unspecified

Y84   Other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure

Excludes: post-lumbar puncture headache (G97.0)
spinal fluid leak (G97.0)

Y84.0   Cardiac catheterization
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY

Y84.1  Kidney dialysis
Y84.2  Radiological procedure and radiotherapy
Y84.3  Shock therapy
Y84.4  Aspiration of fluid
Y84.5  Insertion of gastric or duodenal sound
Y84.6  Urinary catheterization
Y84.7  Blood-sampling
Y84.8  Other medical procedures
Y84.9  Medical procedure, unspecified

Supplementary factors related to causes of morbidity and mortality classified elsewhere (Y90–Y98)

Note: These categories may be used, if desired, to provide supplementary information concerning causes of morbidity and mortality. They are not to be used for single-condition coding in morbidity or mortality.

Y90  Evidence of alcohol involvement determined by blood alcohol level

Y90.0  Blood alcohol level of less than 20 mg/100 ml
Y90.1  Blood alcohol level of 20–39 mg/100 ml
Y90.2  Blood alcohol level of 40–59 mg/100 ml
Y90.3  Blood alcohol level of 60–79 mg/100 ml
Y90.4  Blood alcohol level of 80–99 mg/100 ml
Y90.5  Blood alcohol level of 100–119 mg/100 ml
Y90.6  Blood alcohol level of 120–199 mg/100 ml
Y90.7  Blood alcohol level of 200–239 mg/100 ml
Y90.8  Blood alcohol level of 240 mg/100 ml or more
Y90.9  Presence of alcohol in blood, level not specified
Evidence of alcohol involvement determined by level of intoxication

Excludes: evidence of alcohol involvement determined by blood alcohol content (Y90.−)

Y91.0 Mild alcohol intoxication
Smell of alcohol on breath, slight behavioural disturbance in functions and responses, or slight difficulty in coordination.

Y91.1 Moderate alcohol intoxication
Smell of alcohol on breath, moderate behavioural disturbance in functions and responses, or moderate difficulty in coordination.

Y91.2 Severe alcohol intoxication
Severe disturbance in functions and responses, severe difficulty in coordination, or impaired ability to cooperate.

Y91.3 Very severe alcohol intoxication
Very severe disturbance in functions and responses, very severe difficulty in coordination, or loss of ability to cooperate.

Y91.9 Alcohol involvement, not otherwise specified
Suspected alcohol involvement NOS
CHAPTER XXI

Factors influencing health status and contact with health services (Z00–Z99)

Note: This chapter should not be used for international comparison or for primary mortality coding.

Categories Z00–Z99 are provided for occasions when circumstances other than a disease, injury or external cause classifiable to categories A00–Y89 are recorded as “diagnoses” or “problems”. This can arise in two main ways:

(a) When a person who may or may not be sick encounters the health services for some specific purpose, such as to receive limited care or service for a current condition, to donate an organ or tissue, to receive prophylactic vaccination or to discuss a problem which is in itself not a disease or injury.

(b) When some circumstance or problem is present which influences the person’s health status but is not in itself a current illness or injury. Such factors may be elicited during population surveys, when the person may or may not be currently sick, or be recorded as an additional factor to be borne in mind when the person is receiving care for some illness or injury.

Persons encountering health services for examination and investigation (Z00–Z13)

Note: Nonspecific abnormal findings disclosed at the time of these examinations are classified to categories R70–R94.

Z00 General examination and investigation of persons without complaint or reported diagnosis

Excludes: examination for administrative purposes (Z02.–) special screening examinations (Z13)

Z00.1 Routine child health examination
Development testing of infant or child

Z00.2 Examination for period of rapid growth in childhood

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Z00.3 Examination for adolescent development state
Puberty development state

Z01 Other special examinations and investigations of persons without complaint or reported diagnosis
Includes: routine examination of specific system

Z01.0 Examination of eyes and vision
Excludes: examination for driving licence (Z02.4)

Z01.1 Examination of ears and hearing

Z02 Examination and encounter for administrative purposes

Z02.0 Examination for admission to educational institution
Examination for admission to preschool (education)

Z02.1 Pre-employment examination

Z02.2 Examination for admission to residential institution
Excludes: examination for admission to prison (Z02.8)

Z02.3 Examination for recruitment to armed forces

Z02.4 Examination for driving licence

Z02.5 Examination for participation in sport

Z02.6 Examination for insurance purposes

Z02.7 Issue of medical certificate
Issue of medical certificate of:
• cause of death
• fitness
• incapacity
• invalidity
Excludes: encounter for general medical examination (Z00–Z01, Z02.0–Z02.6, Z02.8–Z02.9)

Z02.8 Other examinations for administrative purposes
Examination (for):
• admission to:
  • prison
  • summer camp
• adoption
• immigration
• naturalization
• premarital
FACTORS INFLUENCING HEALTH STATUS AND CONTACT WITH HEALTH SERVICES

Z02.9 Examination for administrative purposes, unspecified

Z03 Medical observation and evaluation for suspected diseases and conditions
Z03.1 Observation for suspected malignant neoplasm
Z03.3 Observation for suspected nervous system disorder

Z04.- Examination and observation for other reasons

Includes: examination for medicolegal reasons

Z08 Follow-up examination after treatment for malignant neoplasm

Includes: medical surveillance following treatment
Z08.0 Follow-up examination after surgery for malignant neoplasm
Z08.1 Follow-up examination after radiotherapy for malignant neoplasm

Excludes: radiotherapy session (Z51.0)
Z08.2 Follow-up examination after chemotherapy for malignant neoplasm

Excludes: chemotherapy session (Z51.1)
Z08.7 Follow-up examination after combined treatment for malignant neoplasm
Z08.8 Follow-up examination after other treatment for malignant neoplasm
Z08.9 Follow-up examination after unspecified treatment for malignant neoplasm

Z09 Follow-up examination after treatment for conditions other than malignant neoplasms

Includes: medical surveillance following treatment
Excludes: follow-up medical care and convalescence (Z42–Z51) medical surveillance following treatment for malignant neoplasm (Z08.–)
Z09.0 Follow-up examination after surgery for other conditions
Z09.1 Follow-up examination after radiotherapy for other conditions
Excludes: radiotherapy session (Z51.0)
Follow-up examination after chemotherapy for other conditions
Excludes: maintenance chemotherapy (Z51.1–Z51.2)

Follow-up examination after psychotherapy

Follow-up examination after treatment of fracture

Follow-up examination after combined treatment for other conditions

Follow-up examination after other treatment for other conditions

Follow-up examination after unspecified treatment for other conditions

Special screening examination for other diseases and disorders

Special screening examination for certain developmental disorders in childhood
Excludes: routine development testing of infant or child (Z00.1)

Special screening examination for congenital malformations, deformations and chromosomal abnormalities

Persons with potential health hazards related to communicable diseases (Z20–Z29)

Asymptomatic human immunodeficiency virus [HIV] infection status
Excludes: human immunodeficiency virus [HIV] disease (B20–B24)
laboratory evidence of human immunodeficiency virus [HIV] (R75)

Persons encountering health services in circumstances related to reproduction (Z30–Z39)

Procreative management
FACTORS INFLUENCING HEALTH STATUS AND CONTACT WITH HEALTH SERVICES

Z31.5 Genetic counselling
Z31.6 Genetic counselling and advice on procreation

**Z36** Antenatal screening

Z36.0 Antenatal screening for chromosomal anomalies
   Amniocentesis
   Placental sample (taken vaginally)

Z36.1 Antenatal screening for raised alphafetoprotein level

Z36.2 Other antenatal screening based on amniocentesis

Z36.3 Antenatal screening for malformations using ultrasound and other physical methods

Z36.4 Antenatal screening for fetal growth retardation using ultrasound and other physical methods

Z36.5 Antenatal screening for isoimmunization

Z36.8 Other antenatal screening
   Screening for haemoglobinopathy

Z36.9 Antenatal screening, unspecified

Persons encountering health services for specific procedures and health care (Z40–Z54)

**Z42** Follow-up care involving plastic surgery

Z42.0 Follow-up care involving plastic surgery of head and neck

**Z46** Fitting and adjustment of other devices

Z46.2 Fitting and adjustment of other devices related to nervous system and special senses

**Z50** Care involving use of rehabilitation procedures

Z50.4 Psychotherapy, not elsewhere classified

Z50.5 Speech therapy

Z50.6 Orthoptic training

Z50.7 Occupational therapy and vocational rehabilitation, not elsewhere classified
ICD-NA

Z50.8 Care involving use of other rehabilitation procedures
Tobacco rehabilitation
Training in activities of daily living [ADL] NEC

Z50.9 Care involving use of rehabilitation procedure, unspecified
Rehabilitation NOS

Z51 Other medical care
Z51.0 Radiotherapy session
Z51.1 Chemotherapy session for neoplasm
Z51.2 Other chemotherapy
Maintenance chemotherapy NOS

Persons encountering health services in other circumstances
(Z70–Z76)

Z71 Persons encountering health services for other counselling and medical advice, not elsewhere classified

Excludes: procreation counselling (Z31.–)

Z71.8 Other specified counselling
Consanguinity counselling

Z73 Problems related to life-management difficulty
Z73.0 Burn-out
State of vital exhaustion

Z73.1 Accentuation of personality traits
Type A behaviour pattern (characterized by unbridled ambition, a need for high achievement, impatience, competitiveness and a sense of urgency)

Z73.2 Lack of relaxation and leisure

Z73.3 Stress, not elsewhere classified
Physical and mental strain NOS

Z73.4 Inadequate social skills, not elsewhere classified

Z73.5 Social role conflict, not elsewhere classified
FACTORS INFLUENCING HEALTH STATUS AND CONTACT WITH HEALTH SERVICES

Z73.6 Limitation of activities due to disability
   *Excludes:* care-provider dependency (Z74.-)

Z73.8 Other problems related to life-management difficulty

Z73.9 Problems related to life-management difficulty, unspecified

**Z74** Problems related to care-provider dependency
   *Excludes:* dependence on enabling machines or devices NEC (Z99.-)

Z74.0 Reduced mobility
   Bedfast
   Chairfast

Z74.1 Need for assistance with personal care

Z74.2 Need for assistance at home and no other household member able to render care

Z74.8 Other problems related to care-provider dependency

Z74.9 Problems related to care-provider dependency, unspecified

**Z76** Persons encountering health services in other circumstances

Z76.0 Issue of repeat prescription

Z76.5 Maligner [conscious simulation]
   Person feigning illness (with obvious motivation)
   *Excludes:* factitious disorder (F68.1)
   peregrinating patient (F68.1)

Persons with potential health hazards related to family and personal history and certain conditions influencing health status (Z80—Z99)

**Z80.-** Family history of malignant neoplasm

**Z81.-** Family history of mental and behavioural disorders

**Z82** Family history of certain disabilities and chronic diseases leading to disablement
Z82.0 Family history of epilepsy and other diseases of the nervous system
Conditions classifiable to G00–G99, e.g. Huntington’s chorea

Z82.1 Family history of blindness and visual loss
Conditions classifiable to H54.–

Z82.2 Family history of deafness and hearing loss
Conditions classifiable to H90–H91

Z82.3 Family history of stroke
Conditions classifiable to I60–I64

Z82.7 Family history of congenital malformations, deformations and chromosomal abnormalities
Conditions classifiable to Q00–Q99

Z83 Family history of other specific disorders

Z83.0 Family history of human immunodeficiency virus [HIV] disease
Conditions classifiable to B20–B24

Z83.5 Family history of eye and ear disorders
Conditions classifiable to H00–H53, H55–H83, H92–H95
Excludes: family history of:
- blindness and visual loss (Z82.1)
- deafness and hearing loss (Z82.2)

Z84 Family history of other conditions

Z84.3 Family history of consanguinity

Z85.– Personal history of malignant neoplasm

Z86 Personal history of certain other diseases

Z86.0 Personal history of other neoplasms
Conditions classifiable to D00–D48

Z86.6 Personal history of diseases of the nervous system and sense organs
Conditions classifiable to G00–G99, H00–H95

Z87 Personal history of other diseases and conditions

Z87.3 Personal history of diseases of the musculoskeletal system and connective tissue
Conditions classifiable to M00–M99
Z87.7  Personal history of congenital malformations, deformations and chromosomal abnormalities
Conditions classifiable to Q00–Q99

Z88.–  Personal history of allergy to drugs, medicaments and biological substances

Z98  Other postsurgical states
Z98.2  Presence of cerebrospinal fluid drainage device
CSF shunt

Z99  Dependence on enabling machines and devices, not elsewhere classified
Z99.0  Dependence on aspirator
Z99.1  Dependence on respirator
Z99.2  Dependence on renal dialysis
Presence of arteriovenous shunt for dialysis
Renal dialysis status
Z99.3  Dependence on wheelchair
Z99.8  Dependence on other enabling machines and devices
Z99.9  Dependence on unspecified enabling machine and device
SECTION V

Morphology of neoplasms
Morphology of neoplasms

The second edition of the International Classification of Diseases for Oncology (ICD-O) was published in 1990. It contains a coded nomenclature for the morphology of neoplasms, which is reproduced here for those who wish to use it in conjunction with Chapter II.

The morphology code numbers consist of five digits; the first four identify the histological type of the neoplasm and the fifth, following a slash or solidus, indicates its behaviour. The one-digit behaviour code is as follows:

/0 Benign

/1 Uncertain whether benign or malignant
   Borderline malignancy
   Low malignant potential

/2 Carcinoma in situ
   Intraepithelial
   Noninfiltrating
   Noninvasive

/3 Malignant, primary site

/6 Malignant, metastatic site
   Malignant, secondary site

/9 Malignant, uncertain whether primary or metastatic site

In the nomenclature given here, the morphology code numbers include the behaviour code appropriate to the histological type of neoplasm; this behaviour code should be changed if the other reported information makes this appropriate. For example, chordoma is assumed to be malignant and is therefore assigned the code number M9370/3; the term “benign chordoma” should, however, be coded M9370/0.

The following table shows the correspondence between the behaviour code and the different sections of Chapter II:
The ICD-O behaviour digit /9 is not applicable in the ICD context, since all malignant neoplasms are presumed to be primary (/3) or secondary (/6), according to other information on the medical record.

Some types of neoplasm are specific to certain sites or types of tissue; in such cases, the appropriate code from Chapter II has been added in parentheses in the nomenclature, and the appropriate fourth character for the reported site should be used. The Chapter II codes assigned to the morphological terms should be used when the site of the neoplasm is not given in the diagnosis. Chapter II codes have not been assigned to many of the morphology terms because the histological types can arise in more than one organ or type of tissue.

Occasionally a problem arises when a site given in a diagnosis is different from the site indicated by the site-specific code. In such instances, the given Chapter II code should be ignored and the appropriate code for the site included in the diagnosis should be used.

For neoplasms of lymphoid, haematopoietic and related tissue (M959–M998) the relevant codes from C81–C96 and D45–D47 are given. These Chapter II codes should be used irrespective of the stated site of the neoplasm.

Further information about the coding of morphology is provided in Volume 2 of ICD-10.

**Coded nomenclature for morphology of neoplasms**

<table>
<thead>
<tr>
<th>Behaviour code</th>
<th>Chapter II categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>/0</td>
<td>Benign neoplasms</td>
</tr>
<tr>
<td>/1</td>
<td>Neoplasms of uncertain or unknown behaviour</td>
</tr>
<tr>
<td>/2</td>
<td>In situ neoplasms</td>
</tr>
<tr>
<td>/3</td>
<td>Malignant neoplasms, stated or presumed to be primary</td>
</tr>
<tr>
<td>/6</td>
<td>Malignant neoplasms, stated or presumed to be secondary</td>
</tr>
</tbody>
</table>

D10–D36

D37–D48

D00–D09

C00–C76

C80–C97

C77–C79

M801–M804 Epithelial neoplasms NOS

M8010/6 Carcinoma, metastatic NOS

Secondary carcinoma

M8010/9 Carcinomatosis
MORPHOLOGY OF NEOPLASMS

M814–M838 Adenomas and adenocarcinomas
M8140/0  Adenoma NOS
M8140/6  Adenocarcinoma, metastatic NOS
M8248/1  Apudoma
M8270/0  Chromophobe adenoma (D35.2)
M8270/3  Chromophobe carcinoma (C75.1)
         Chromophobe adenocarcinoma
M8271/0  Prolactinoma (D35.2)
M8280/0  Acidophil adenoma (D35.2)
         Eosinophil adenoma
M8280/3  Acidophil carcinoma (C75.1)
         Acidophil adenocarcinoma
         Eosinophil adenocarcinoma
         Eosinophil carcinoma

M868–M871 Paragangliomas and glomus tumours
M8680/1  Paraganglioma NOS
M8680/3  Paraganglioma, malignant
M8681/1  Sympathetic paraganglioma
M8682/1  Parasympathetic paraganglioma
M8683/0  Gangliocytic paraganglioma (D13.2)
M8690/1  Glomus jugulare tumour (D44.7)
         Jugular paraganglioma
M8691/1  Aortic body tumour (D44.7)
         Aortic body paraganglioma
M8692/1  Carotid body tumour (D44.6)
         Carotid body paraganglioma
M8693/1  Extra-adrenal paraganglioma NOS
         Chemodectoma
         Nonchromaffin paraganglioma NOS
M8693/3  Extra-adrenal paraganglioma, malignant
         Nonchromaffin paraganglioma, malignant
M8700/0  Phaeochromocytoma NOS (D35.0)
         Chromaffinoma
         Chromaffin phaeochromocytoma
         Chromaffin tumour
M8700/3  Phaeochromocytoma, malignant (C74.1)
         Phaeochromoblastoma
M8710/3  Glomangiosarcoma
         Glomoid sarcoma
M8711/0  Glomus tumour
M8712/0  Glomangioma
### M889–M892 Myomatous neoplasms

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<tr>
<td>M8902/3</td>
<td>Mixed type rhabdomyosarcoma</td>
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<td>M8903/0</td>
<td>Fetal rhabdomyoma</td>
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<td>Adult rhabdomyoma</td>
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<td>Embryonal rhabdomyosarcoma</td>
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<td>M8920/3</td>
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### M906–M909 Germ cell neoplasms

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<td>Embryonal carcinoma NOS</td>
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<td>M9080/0</td>
<td>Teratoma, benign</td>
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<td>M9080/1</td>
<td>Teratoma NOS</td>
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<tr>
<td>M9080/3</td>
<td>Teratoma, malignant NOS</td>
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<tr>
<td>M9081/3</td>
<td>Teratocarcinoma</td>
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<tr>
<td>M9082/3</td>
<td>Malignant teratoma, undifferentiated</td>
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<tr>
<td>M9083/3</td>
<td>Malignant teratoma, anaplastic</td>
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<tr>
<td>M9084/0</td>
<td>Dermoid cyst NOS</td>
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<tr>
<td>M9084/3</td>
<td>Teratoma with malignant transformation</td>
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464
M912–M916 Blood vessel tumours
M9120/0 Haemangioma NOS (D18.0)
   Angioma NOS
   Chorioangioma
M9120/3 Haemangiosarcoma
   Angiosarcoma
M9121/0 Cavernous haemangioma (D18.0)
M9122/0 Venous haemangioma (D18.0)
M9123/0 Racemose haemangioma (D18.0)
   Arteriovenous haemangioma
M9124/3 Kupffer cell sarcoma (C22.3)
M9125/0 Epithelioid haemangioma (D18.0)
M9126/0 Histiocytoid haemangioma (D18.0)
M9130/0 Haemangiopericytoma, benign
M9130/1 Haemangiopericytoma NOS
   Angiopericytoma
M9130/3 Haemangiopericytoma, malignant
   Haemangiopericytoma
M9131/0 Capillary haemangioma (D18.0)
   Haemangioma simplex
   Infantile haemangioma
   Juvenile haemangioma
   Plexiform haemangioma
M9132/0 Intramuscular haemangioma (D18.0)
M9133/1 Epithelioid haemangiopericytoma NOS
M9133/3 Epithelioid haemangiopericytoma, malignant
M9134/1 Intravascular bronchial alveolar tumour (D38.1)
M9140/3 Kaposi's sarcoma (C46.–)
   Multiple haemorrhagic sarcoma
M9141/0 Angiokeratoma
M9142/0 Verrucous keratotic haemangioma (D18.0)
M9150/0 Haemangiopericytoma, benign
M9150/1 Haemangiopericytoma NOS
M9150/3 Haemangiopericytoma, malignant
M9161/1 Haemangioblastoma
   Angioblastoma

M918–M924 Osseous and chondromatous neoplasms
M9220/0 Chondroma NOS (D16.–)
   Endochondroma
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<td>Pineocytoma (D44.5)</td>
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<td>Pineoblastoma (C75.3)</td>
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<td>M9363/0</td>
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<td>Retinal anlage tumour</td>
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<td>M9364/3</td>
<td>Peripheral neuroectodermal tumour</td>
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<td>Neuroectodermal tumour NOS</td>
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<td>Fibrillary astrocytoma (C71.–)</td>
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<td>Fibrous astrocytoma</td>
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M9421/3 Pilocytic astrocytoma (C71.–)
  Juvenile astrocytoma
  Piloid astrocytoma
M9422/3 Spongioblastoma NOS (C71.–)
M9423/3 Spongioblastoma polare (C71.–)
M9424/3 Pleomorphic xanthoastrocytoma (C71.–)
M9430/3 Astroblastoma (C71.–)
M9440/3 Glioblastoma NOS (C71.–)
  Glioblastoma multiforme
  Spongioblastoma multiforme
M9441/3 Giant cell glioblastoma (C71.–)
M9442/3 Gliosarcoma (C71.–)
M9443/3 Primitive polar spongioblastoma (C71.–)
M9450/3 Oligodendroglioma NOS (C71.–)
M9451/3 Oligodendroglioma, anaplastic (C71.–)
M9460/3 Oligodendroblastoma (C71.–)
M9470/3 Medulloblastoma NOS (C71.6)
M9471/3 Desmoplastic medulloblastoma (C71.6)
  Circumscribed arachnoidal cerebellar sarcoma
M9472/3 Medullomyoblastoma (C71.6)
M9473/3 Primitive neuroectodermal tumour (C71.–)
M9480/3 Cerebellar sarcoma NOS (C71.6)
M9481/3 Monstrocellular sarcoma (C71.–)

**M949–M952 Neuroepitheliomatous neoplasms**

M9490/0 Ganglioneuroma
  Gangliocytoma
M9490/3 Ganglioneuroblastoma
M9491/0 Ganglioneuromatosis
M9500/3 Neuroblastoma NOS
  Sympathicoblastoma
M9501/3 Medulloepithelioma NOS
  Diktyoma
M9502/3 Teratoid medulloepithelioma
M9503/3 Neuroepithelioma NOS
M9504/3 Spongioneuroblastoma
M9505/1 Ganglioglioma
  Gliomeuroma
  Neuroastrocytoma
M9506/0 Neurocytoma
M9507/0 Pacinian tumour
M9510/3 Retinoblastoma NOS (C69.2)
M9511/3 Retinoblastoma, differentiated (C69.2)
M9512/3 Retinoblastoma, undifferentiated (C69.2)
M9520/3 Olfactory neurogenic tumour
M9521/3 Esthesioneurocytoma (C30.0)
M9522/3 Esthesioneuroblastoma (C30.0)
    Olfactory neuroblastoma
M9523/3 Esthesioneuroepithelioma (C30.0)
    Olfactory neuroepithelioma

M953 Meningiomas
M9530/0 Meningioma NOS (D32.–)
M9530/1 Meningiomatosis NOS (D42.–)
    Diffuse meningiomatosis
    Multiple meningiomatosis
M9530/3 Meningioma, malignant (C70.–)
    Leptomeningeal sarcoma
    Meningeal sarcoma
    Meningiothelial sarcoma
M9531/0 Meningotheliomatous meningioma (D32.–)
    Endotheliomatous meningioma
    Syncytial meningioma
M9532/0 Fibrous meningioma (D32.–)
    Fibroblastic meningioma
M9533/0 Psammomatous meningioma (D32.–)
M9534/0 Angiomatous meningioma (D32.–)
M9535/0 Haemangioblastic meningioma (D32.–)
    Angioblastic meningioma
M9536/0 Haemangiopericytic meningioma (D32.–)
M9537/0 Transitional meningioma (D32.–)
    Mixed meningioma
M9538/1 Papillary meningioma (D42.–)
M9539/3 Meningeal sarcomatosis (C70.–)

M954–M957 Nerve sheath tumours
M9540/0 Neurofibroma NOS
M9540/1 Neurofibromatosis NOS (Q85.0)
    Multiple neurofibromatosis
    Von Recklinghausen’s disease (except of bone)
M9540/3 Neurofibrosarcoma
    Neurogenic sarcoma
    Neurosarcoma
M9541/0 Melanotic neurofibroma
M9550/0 Plexiform neurofibroma
    Plexiform neuroma
**MORPHOLOGY OF NEOPLASMS**

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**M958 Granular cell tumours and alveolar soft part sarcoma**

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<td>Granular cell myoblastoma, malignant</td>
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<tr>
<td>M9581/3</td>
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**M959–M971 Hodgkin’s and non-Hodgkin’s lymphoma**

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<td>M9591/3</td>
<td>Malignant lymphoma, non-Hodgkin’s NOS (C84.5, C85.9)</td>
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<td>M9594/3</td>
<td>Microglioma (C85.7)</td>
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**M965–M966 Hodgkin’s disease**

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<td>Malignant lymphoma, Hodgkin’s</td>
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Hodgkin's disease, mixed cellularity NOS (C81.2)
Hodgkin's disease, lymphocytic depletion NOS (C81.3)
Hodgkin's disease, lymphocytic depletion, diffuse fibrosis (C81.3)
Hodgkin's disease, lymphocytic depletion, reticular (C81.3)
Hodgkin's disease, lymphocytic predominance NOS (C81.0)
        Hodgkin's disease, lymphocytic–histiocytic predominance
Hodgkin's disease, lymphocytic predominance, diffuse (C81.0)
Hodgkin's disease, lymphocytic predominance, nodular (C81.0)
Hodgkin's paragranuloma NOS (C81.7)
        Hodgkin's paragranuloma, nodular
Hodgkin's granuloma (C81.7)
Hodgkin's sarcoma (C81.7)
Hodgkin's disease, nodular sclerosis NOS (C81.1)
Hodgkin's disease, nodular sclerosis, cellular phase (C81.1)
Hodgkin's disease, nodular sclerosis, lymphocytic predominance (C81.1)
Hodgkin's disease, nodular sclerosis, mixed cellularity (C81.1)
Hodgkin's disease, nodular sclerosis, lymphocytic depletion (C81.1)
        Hodgkin's disease, nodular sclerosis, syncytial variant
Malignant lymphoma, diffuse or NOS, specified type
Malignant lymphoma, small lymphocytic NOS (C83.0)
        Malignant lymphoma, lymphocytic NOS
        Malignant lymphoma, lymphocytic, diffuse NOS
        Malignant lymphoma, lymphocytic, well differentiated, diffuse
        Malignant lymphoma, small cell NOS
        Malignant lymphoma, small cell, diffuse NOS
        Malignant lymphoma, small cell, lymphocytic, diffuse NOS
Malignant lymphoma, lymphoplasmacytic (C83.8)
        Immunocytoma
        Malignant lymphoma, lymphoplasmacytoid
        Malignant lymphoma, plasmacytoid
        Plasmacytic lymphoma
Malignant lymphoma, small cleaved cell, diffuse (C83.1)
        Malignant lymphoma, cleaved cell NOS
        Malignant lymphoma, lymphocytic, poorly differentiated, diffuse
        Malignant lymphoma, small cleaved cell NOS
Malignant lymphoma, lymphocytic, intermediate differentiation, diffuse (C83.8)
        Mantle zone lymphoma
Malignant lymphoma, centrocytic (C83.8)
M9675/3 Malignant lymphoma, mixed small and large cell, diffuse (C83.2)  
Malignant lymphoma, mixed cell type, diffuse  
Malignant lymphoma, mixed lymphocytic-histiocytic, diffuse

M9676/3 Malignant lymphoma, centroblastic-centrocytic, diffuse (C83.8)  
Malignant lymphoma, centroblastic–centrocytic NOS

M9680/3 Malignant lymphoma, large cell, diffuse NOS (C83.3)  
Malignant lymphoma, histiocytic NOS  
Malignant lymphoma, histiocytic, diffuse  
Malignant lymphoma, large cell NOS  
Malignant lymphoma, large cell, cleaved and noncleaved

M9681/3 Malignant lymphoma, large cell, cleaved, diffuse (C83.3)  
Malignant lymphoma, large cleaved cell NOS

M9682/3 Malignant lymphoma, large cell, noncleaved, diffuse (C83.3)  
Malignant lymphoma, large cell, noncleaved NOS  
Malignant lymphoma, noncleaved NOS  
Malignant lymphoma, noncleaved, diffuse NOS

M9683/3 Malignant lymphoma, centroblastic, diffuse (C83.8)  
Malignant lymphoma, centroblastic NOS

M9684/3 Malignant lymphoma, immunoblastic NOS (C83.4)  
Immunoblastic sarcoma  
Malignant lymphoma, large cell, immunoblastic

M9685/3 Malignant lymphoma, lymphoblastic (C83.5)  
Lymphoblastoma  
Malignant lymphoma, convoluted cell

M9686/3 Malignant lymphoma, small cell, noncleaved, diffuse (C83.0, C83.6)  
Malignant lymphoma, undifferentiated cell, non-Burkitt’s  
Malignant lymphoma, undifferentiated cell type NOS

M9687/3 Burkitt’s lymphoma NOS (C83.7)  
Burkitt’s tumour  
Malignant lymphoma, small noncleaved, Burkitt’s, diffuse  
Malignant lymphoma, undifferentiated, Burkitt’s type

*M969 Malignant lymphoma, follicular or nodular, with or without diffuse areas*

M9690/3 Malignant lymphoma, follicular NOS (C82.9)  
Malignant lymphoma, lymphocytic, nodular NOS  
Malignant lymphoma, nodular NOS

M9691/3 Malignant lymphoma, mixed small cleaved and large cell, follicular (C82.1)  
Malignant lymphoma, mixed cell type, follicular  
Malignant lymphoma, mixed cell type, nodular  
Malignant lymphoma, mixed lymphocytic–histiocytic, nodular
M9692/3 Malignant lymphoma, centroblastic–centrocytic, follicular (C82.8)
M9693/3 Malignant lymphoma, lymphocytic, well differentiated, nodular (C82.8)
M9694/3 Malignant lymphoma, lymphocytic, intermediate differentiation, nodular (C82.8)
M9695/3 Malignant lymphoma, small cleaved cell, follicular (C82.0)
M9696/3 Malignant lymphoma, lymphocytic, poorly differentiated, nodular (C82.8)
M9697/3 Malignant lymphoma, centroblastic, follicular (C82.8)
M9698/3 Malignant lymphoma, large cell, follicular NOS (C82.2)
  Malignant lymphoma, histiocytic, nodular
  Malignant lymphoma, large cell, noncleaved, follicular
  Malignant lymphoma, large cleaved cell, follicular
  Malignant lymphoma, noncleaved, follicular NOS

M970 Specified cutaneous and peripheral T-cell lymphomas
M9703/3 T-zone lymphoma (C84.2)
M9704/3 Lymphoepithelioid lymphoma (C84.3)
  Lennert’s lymphoma

M971 Other specified non-Hodgkin’s lymphomas
M9711/3 Monocytoid B-cell lymphoma (C85.7)
M9712/3 Angioendotheliomatosis (C85.7)
M9713/3 Angiocentric T-cell lymphoma (C84.7)
  Malignant midline reticulosis
  Malignant reticulosis NOS
  Polymorphic reticulosis
M9714/3 Large cell (Ki-1+) lymphoma (C85.7)

M972 Other lymphoreticular neoplasms
M9720/3 Malignant histiocytosis (C96.1)
  Histiocytic medullary reticulosis
M9722/3 Letterer–Siwe disease (C96.0)
  Acute differentiated progressive histiocytosis
  Acute progressive histiocytosis X
  Nonlipid reticuloendotheliosis
M9723/3 True histiocytic lymphoma (C96.3)

M973 Plasma cell tumours
M9731/3 Plasmacytoma NOS (C90.2)
  Extramedullary plasmacytoma
  Plasma cell tumour
  Solitary myeloma
  Solitary plasmacytoma
M9732/3 Multiple myeloma (C90.0)
  Myeloma NOS
  Myelomatosis
  Plasma cell myeloma

**M974 Mast cell tumours**
M9740/1 Mastocytoma NOS (D47.0)
  Mast cell tumour NOS
M9740/3 Mast cell sarcoma (C96.2)
  Malignant mast cell tumour
  Malignant mastocytoma
M9741/3 Malignant mastocytosis (C96.2)
  Systemic tissue mast cell disease

**M976 Immunoproliferative diseases**
M9760/3 Immunoproliferative disease NOS (C88.9)
M9761/3 Waldenström’s macroglobulinaemia (C88.0)
M9762/3 Alpha heavy chain disease (C88.1)
M9763/3 Gamma heavy chain disease (C88.2)
  Franklin’s disease
M9764/3 Immunoproliferative small intestinal disease (C88.3)
  Mediterranean lymphoma
M9765/1 Monoclonal gammopathy (D47.2)
M9766/1 Angiocentric immunoproliferative lesion (D47.7)
  Lymphoid granulomatosis
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- GM1 E75.10
- GM2 E75.0
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- - drugs H40.6
- - eye inflammation H40.4
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- - specified NEC H40.9

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Glomerulonephritis N05
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- - multinodular E01.1
- exophthalmic E05.0
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- lymphadenoid E06.3
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Haematoma T14.0
- arterial, traumatic T14.5
- extradural I62.1
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- B D67
- C D68.1
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- cerebral lobe I61.1
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- traumatic S06.4
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- gastrointestinal K92.2
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- due to
- - - - - anoxia or hypoxia P52.1
- - - - - birth injury P10.0
- - - - - maternal injury P00.5
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- - sequelae I69.0
- - specified NEC I60.8
- - traumatic S06.6
- - subdural I62.0
- - traumatic S06.5
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- cluster G44.0
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- cough, benign G44.803
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- REM-sleep-related G47.804
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  - labour and delivery O74.5
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- stabbing, idiopathic G44.800
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  - anhidrotic T67.3
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Hemeralopia H53.1

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Hemiplegia G81.9
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- acute NEC K72
- alcoholic K70.1
- fulminant NEC K72
- malignant NEC K72
- viral B19
  - acute B17
    - A B15
    - B B16
    - chronic B18
    - congenital P35.3

Hepatitis (K72)
- acute NEC K72
- alcoholic K70.1
- fulminant NEC K72
- malignant NEC K72
- viral B19
  - acute B17
    - A B15
    - B B16
    - chronic B18
    - congenital P35.3

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- diaphragmatic, congenital Q79.0
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  - geniculate ganglionitis B02.2† G53.02*
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Heubner's disease I66.1† G46.1*

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Histiocytosis
- Langerhans' cell NEC D76.0
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- family, of
  - behavioural disorder Z81
  - blindness Z82.1
  - chromosomal abnormality Z82.7
  - congenital malformations and deformations Z82.7
  - consanguinity Z84.3
  - deafness Z82.2
  - ear disorder Z83.5
  - epilepsy Z82.0
  - eye disorder Z83.5
  - hearing loss Z82.2
  - HIV infection Z83.0
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  - Huntington's chorea Z82.0
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  - mental disorder Z81
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- asymptomatic, infectious status Z21
- laboratory evidence R75
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Hollenhorst's plaque H34.2
Holmes-Adie syndrome 090.80
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  - acute HIV infection syndrome B23.0
  - bacterial infection NEC B20.1
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  - cytomegaloviral disease B20.2
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  - infection B20.9
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  - mycosis NEC B20.5
  - neoplasm, malignant B21.9
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  - multiple B21.7
  - specified NEC B21.8
  - non-Hodgkin's lymphoma NEC B21.2
  - parasitic disease B20.9
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  - pneumonitis, interstitial, lymphoid B22.1
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  - drug-induced E23.1
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  - eye Q11.2
  - mandibular K07.0
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  - chronic I95.8
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  - - neurogenic, isolated G90.30
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    - - iodine-deficiency E00.9
    - - with goitre E03.0
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- Bartonella A44.-
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- coccidioidomycosis B38.-
- cryptococcosis B45.-
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- maternal care for damage to fetus O35.3
- mononucleosis B27.1
- resulting from HIV disease B20.2
- Diphyllobothrium B70.0
- due to
- infusion, transfusion and therapeutic injection T80.2
- - internal prosthetic devices, implants and grafts T85.7
- - procedure NEC T81.4
- - Echinococcus B67.-
- - filariasis B74
- - fish tapeworm B70.0
- - fluke NEC B66.-
- - gonococcal NEC A54.8
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- - helminthiasis NEC B83.-
- - herpesviral (herpes simplex) B00.-
- - congenital P35.2
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- - leptospirosis A27
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- - neonatal P37.2
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- Parastromythus cantonensis B83.2
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- roundworm B77.–
- salmonella NEC A02.–
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  - acute J01.–
  - chronic J30.–
- spirochaetal NEC A69.–
- Taenia solium B69.–
- trichinellosis B75.–
- toxoplasmosis B58.–
- trypansomiasis
- - African B56.–
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Inflammation
- chorioretinal H30.9
- disseminated H30.1
- focal H30.0
- specified NEC H30.8
- orbit
  - acute H05.0
  - chronic H05.1
- sinus, acute J01.–
- vein 180

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- with pneumonia J10.0
- virus not identified J11.8
- with pneumonia J11.0

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- liquid air, hydrogen or nitrogen W93
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- aperta Q00.21
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  - cord S14.32
  - division S14.31
  - trunk S14.30
  - brain S06.9
  - diffuse S06.2
  - focal S06.3
  - cauda equina S34.3
  - conjunctiva S05.0
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- ear, superficial S00.4
- electric current W87
- eye S03.9
- specified NEC S05.8
- face, crushing S07.0
- head S09.–
  - crushing S07.–
  - multiple S09.7
- sequelae T90.9
  - specified NEC
  - superficial S00.–
  - with neck, crushing T04.0
  - intracranial S06.9
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- lacrimal duct S05.8
- limb
  - lower T13.–
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  - lip, superficial S00.5
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  - neck S19.–
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  - sequelae T91.–
  - nerve T14.4
  - abdomen level S34.–
  - abducant S04.4
  - accessory S04.7
  - acoustic S04.6
  - ankle level S94.–
  - axillary S44.3
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  - - eighth S04.6
  - - eleventh S04.7
  - - fifth S04.3
  - - first S04.80
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  - cranial — continued
    - ninth S04.81
    - second S04.00
    - sequelae T90.3
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  - with brain, and nerves and spinal cord at neck level T06.0
- cutaneous sensory
  - ankle and foot level S94.3
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- facial S04.5
  - femoral, hip and thigh level S74.1
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  - genito-femoral S34.62
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  - anterior S54.10
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  - lower back level S34.5
  - lower leg level S84.1
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- multiple T06.2
- musculocutaneous
  - lower leg level S84.22
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- cytomegaloviral B25.8† G05.1*
- entero viral A85.0† G05.1*
- herpesviral B00.4† G05.1*
- in (due to)
- African trypanosomiasis B56.–† G05.2*
- Chagas' disease B57.4† G05.2*
- HIV B23.8† G05.1*
- influenza J11.8† G05.1*
- virus identified J0.8† G05.1*
- Lyme disease A69.2† G05.2
- measles B05.0† G05.1
- mumps B26.2† G05.1*
- naegleriasis B60.2† G05.2*
- rubella B06.0† G05.1*
- syphilis
- congenital A50.4† G05.0*
- late A52.1† G05.0*
- toxoplasmosis B58.2† G05.2*
- zoster B02.0† G05.1*
- listerial A32.1† G05.0*
- meningococcal A39.8† G05.0*
- mosquito-borne A83.—† G05.1*
- postchickenpox B01.1† G05.1*
- specified NEC G04.8
- subacute necrotizing G37.4
- tuberculous A17.8† G05.0*

Myelocoele Q05.x3

Myelodysplasia of spinal cord Q06.1

Myeloma
- multiple C90.0
- solitary C90.2

Myelomatosis C90.0

Myelomeningocoe Q05.x4

Myelopathy — continued
- in (due to) — continued
- intervertebral disc disorders
- cervical, cervicothoracic M50.0† G99.2*
- lumbar M51.0† G99.2*
- lathyrism G95.83
- neoplastic disease C00-D48† G99.2*
- spondylosis M47.—† G99.2*
- vitamin B12 deficiency E53.80† G99.2*
- radiation-induced G95.82
- subacute necrotic G95.13
- toxin-induced G95.81
- vascular G95.1

Myocarditis
- in (due to)
- bacterial disease I41.0
- Chagas' disease B57.2† I41.2*
- acute B57.0† I41.2*
- toxoplasmosis B58.8† I41.2*
- viral disease I41.1
- influenza J11.8
- virus identified J10.8
- rheumatoid M05.3† I41.8*

Myoclonus G02.53
- Baltic G40.37
- cortical type
- diffuse G25.30
- focal or multifocal G25.31
- essential G25.32
- in (due to)
- Alzheimer's disease G30.–† G26.–3*
- brain tumour C71.—† C79.3† D33.—† G26.–3*
- Creutzfeldt-Jakob disease A81.0† G26.–3*
- cerebrovascular disease I60–I67† G26.–3*
- dyssynergia cerebellaris myoclonica G11.13† G26.–3*
- head injury S06.–† G26.–3*
- olivopontocerebellar atrophy G11.22–G11.23† G26.–3*
- (Ramsay-)Hunt syndrome G11.13† G26.–3*
- toxic encephalopathy G29.–† G26.–3*
- oculopatalal G25.33
- peripheral G25.36
- post-anoxic action G25.38
- propriospinal G25.35
- segmental spinal G25.34
- sleep (hypnic) G25.37
- with ataxia G11.13

Myoglobinuria G72.80

Myokymia
- facial G51.4
- focal C64.–2
- generalized G64.–0
- syndrome G64.–1
**Myopathy**

- Alcoholic G72.1
- Acute G72.10
- Chronic G72.11
- Centronuclear G71.23
- Congenital G71.2
- Drug-induced G72.0
- Familial granulovascular G71.805
- Fingerprint body G71.26
- Hereditary G71.9
- Hypertrophic brachial G71.83
- In (due to)
  - Acromegaly E22.0† G73.5*
  - Amyloidosis E85.–† G73.7*
  - Carcinoma E34.0† G73.7*
  - Carnitine deficiency E71.31† G73.6*
  - Cushing's syndrome E24.–† G73.5*
  - Disorder of fatty-acid metabolism E71.3† G73.6*
  - Endocrine disease G73.5
  - Glycogen storage disease E74.0† G73.6*
  - Hydroxymethylglutaryl-CoA lyase deficiency E71.31† G73.6*
  - Hyperparathyroidism E21.–† G73.5*
  - Hypothyroidism E05.–† G73.5*
  - Hypoparathyroidism E20.–† G73.5*
  - Hypothyroidism EO0–E03† G73.5*
  - Intrauterine exposure to toxins P04.–† G73.7*
  - Isovaleryl-CoA-dehydrogenase deficiency E71.11† G73.6*
  - Lactate dehydrogenase deficiency E74.86† G73.6*
  - Lipid storage disorders E75.–† G73.6*
  - Mannose-6-phosphate isomerase deficiency E74.83† G73.6*
  - Metabolic disease G73.6
  - Methylmalonyl-CoA mutase deficiency E71.12† G73.6*
  - Multiple-chain acyl-CoA dehydrogenase deficiency E88.82† G73.6*
  - Nutritional deficiencies E40–E64† G73.7*
  - Osteomalacia M83.–† G73.7*
  - Phosphoglycerate kinase deficiency E74.85† G73.6*
  - Phosphoglycerate mutase deficiency E74.84† G73.6*
  - Polyarteritis nodosa M30.0† G73.7*
  - Rheumatoid arthritis M05.3† G73.7*
  - Sarcoidosis D86.88† G73.7*
  - Scleroderma M34.8† G73.7*
  - Sicca syndrome M35.0† G73.7*
  - Syphilis A51.4† A52.7† G73.7*
  - Systemic lupus erythematosus M32.1† G73.7*

**Myopathy — continued**

- In (due to) — continued
  - Thalassemia D56.–† D73.7*
  - Toxic agents G72.2
  - Trauma and ischaemia T79.6† G73.7*
  - Vitamin D deficiency E55.–† G73.7*
  - Inflammatory NEC G72.4
  - Mitochondrial G71.3
  - Monomelic hypertrophic G71.82
  - Myotubular G71.23
  - Neuronal G71.24
  - Ocular G71.81
  - In hyperthyroidism E05.–† G73.50*
  - With mitochondrial abnormalities G71.35
  - Oculocraniosomatic G71.81
  - Quadriiceps G71.86
  - Reducing body G71.281
  - Sarco tubular G71.280
  - Specified NEC G72.8
  - With
    - Cylindrical bodies G71.801
    - Cytoplasmic bodies G71.800
    - Rimmed vacuoles G71.803
    - Spheromembranous bodies G71.804
    - Tubular aggregates G71.25
    - Zebra bodies G71.802

**Myopia** H52.1

- Degenerative H44.2

**Myosclerosis** G71.806

**Myositis** M60.9

- Eosinophilic, localized M60.83
- Inclusion body M33.26
- Infective M60.0
- Interstitial M60.1
- Nodular, focal M60.80
- Ossificans
- In (due to)
  - Burns M61.3
  - Quadriiceps or paraplegia M61.2
  - Progressiva M61.1
  - Traumatica M61.0
  - Proliferative, focal M60.80
  - Specified NEC M60.8
  - Syphilitic A51.4† M63.0*

**Myotonia**

- Chondrodystrophic G71.10
- Congenita
  - Dominant G71.130
  - Recessive G71.131
  - Drug-induced G71.11
  - Symptomatic G71.18

**Myxoedema** E03.9

- Coma E03.5
- Psychosis F06.8
Naegleriasis B60.2
Nail patella syndrome Q87.22
Narcolepsy G47.4
Nausea R11
Neck–tongue syndrome G44.851
Necrosis
- aorta, hyaline I71.9
- artery I77.5
- liver (cell), with hepatic failure K72
- pancreas K85
- pituitary, postpartum E23.01
Nelson's syndrome E24.1
Neoplasm
- behaviour unknown or uncertain
- aortic body D44.7
- basal ganglia D43.02
- bone D48.0
- brain D43.2
- basal ganglia D43.02
- corpus callosum D43.04
- hypothalamus D43.03
- infratentorial D43.1
- lobe
- frontal D43.000
- occipital D43.003
- parietal D43.002
- temporal D43.001
- overlapping lesion D43.08
- supratentorial D43.0
- thalamus D43.02
- ventricle
- lateral D43.010
- third D43.011
- brain stem D43.10
- fourth ventricle D43.103
- medulla D43.102
- midbrain D43.100
- overlapping lesion D43.108
- pons D43.101
- breast D48.6
- carotid body D44.6
- cartilage, articular D48.0
- cauda equina D43.7
- corpus callosum D43.04
- cranial nerve D44.4
- endocrine gland D44.9
- eye D48.7
- glomus jugulare D44.70
- glomus tympanicum D44.71
- haematopoietic tissue D47.9
- hypothalamus D43.03
- larynx D38.0
Neoplasm — continued
- behaviour unknown or uncertain — continued
- lip D37.0
- lymphoid tissue D47.9
- medulla D43.102
- meninges D42.9
- cerebral D42.0
- spinal D42.1
- midbrain D43.100
- nerve
- abducens D43.322
- accessory D43.37
- acoustic D43.35
- cranial
- eighth D43.35
- eleventh D43.37
- fifth D43.33
- first D43.30
- fourth D43.321
- ninth D43.360
- second D43.31
- seventh D43.34
- sixth D43.322
- tenth D43.361
- third D43.320
- twelfth D43.38
- facial D43.34
- glossopharyngeal D43.360
- hypoglossal D43.38
- multiple D43.39
- oculomotor D43.32
- olfactory bulb D43.30
- optic D43.31
- peripheral D48.2
- orbit D48.7
- trigeminal D43.33
- trochlear D43.321
- vagus D43.361
- nervous system
- autonomic D48.2
- central D43.9
- specified NEC D43.7
- oral cavity D37.0
- overlapping lesion
- brain
- infratentorial D43.18
- supratentorial D43.08
- brain stem D43.108
- spinal cord D43.48
- paraganglia NEC D44.77
- peritoneum D48.4
Neoplasm — continued
- behaviour unknown or uncertain — continued
  - pharynx D37.0
  - pineal gland D44.5
  - pituitary gland D44.3
  - pluriglandular D44.8
  - pons D43.101
  - retroperitoneum D48.3
  - salivary glands, major D37.0
  - skin D48.5
  - specified site NEC D48.7
- spinal cord
  - cervical D43.40
  - cervicothoracic D43.41
  - lumbar D43.44
  - lumbosacral D43.45
  - overlapping lesion D43.48
- sacral D43.46
- thoracic D43.32
- thoracolumbar D43.43
- thalamus D43.02
- thymus D38.4
- benign
  - accessory sinuses D14.0
  - adrenal gland D35.0
  - aortic body D35.6
  - basal ganglia D33.02
- bone
  - face D16.4
  - jaw, lower D16.5
  - pelvic D16.8
- skull D16.4
- brain D33.2
- basal ganglia D33.02
- corpus callosum D33.04
- hypothalamus D33.03
- infratentorial D33.1
- overlapping D33.18
- lobe
  - frontal D33.000
  - occipital D33.003
  - parietal D33.002
  - temporal D33.001
- supratentorial D33.0
- overlapping D33.08
- thalamus D33.02
- ventricle
  - lateral D33.010
  - third D33.011
- brain stem D33.10
- fourth ventricle D33.103
- medulla D33.102
- midbrain D33.100
- overlapping D33.108
- pons D33.101
- carotid body D35.5
- cauda equina D33.7

Neoplasm — continued
- benign — continued
  - cerebellum D33.11
  - clavicle D16.7
  - coccyx D16.8
  - connective tissue D21.9
  - abdomen D21.4
  - face D21.0
  - head D21.0
  - hip D21.2
  - limb
    - lower D21.2
    - upper D21.1
  - neck D21.0
  - pelvis D21.5
  - shoulder D21.1
  - thorax D21.3
  - trunk NEC D21.6
  - corpus callosum D33.04
  - craniopharyngeal duct D35.3
  - endocrine gland D35.9
  - specified NEC D35.7
  - eye D31.0
  - glomus jugulare D35.60
  - glomus tympanicum D35.61
  - heart D15.1
  - hypothalamus D33.03
  - larynx D14.1
  - lipomatous, specified site NEC D17.7
  - lymph nodes D36.0
  - mediastinum D15.2
  - meninges D32.9
  - cerebral D32.0
  - spinal D32.1
  - medulla D33.102
  - midbrain D33.100
  - middle ear D14.0
  - mouth D10
  - nasal cavity D14.0
  - nerve
    - abducens D33.322
    - accessory D33.37
    - acoustic D33.35
    - cervical D36.101
    - cranial
      - eighth D33.35
      - eleventh D33.37
      - fifth D33.33
      - first D33.30
      - fourth D33.321
      - multiple D33.39
      - ninth D33.360
      - second D33.31
      - seventh D33.34
      - sixth D33.322
      - tenth D33.361
      - third D33.320
      - twelfth D33.38
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- malignant — continued
- bone — continued
- jaw, lower C41.1
- limbs C40
- orbital C41.0
- pelvic C41.4
- secondary C79.5
- skull C41.0
- brain C71.9
- lobe
- frontal C71.1
- secondary C79.300
- occipital C71.4
- secondary C79.303
- parietal C71.3
- secondary C79.302
- temporal C71.2
- secondary C79.301
- overlapping lesion C71.8
- ventricle
- lateral C71.50
- secondary C79.310
- third C71.51
- secondary C79.311
- brain stem
- fourth ventricle C71.73
- secondary C79.353
- medulla C71.72
- secondary C79.352
- midbrain C71.70
- secondary C79.350
- multiple C71.78
- secondary C79.358
- overlapping lesion C71.78
- pons C71.71
- secondary C79.351
- breast C50
- bronchus C34
- carotid body C75.4
- cartilage
- articular C41.1
- limbs C40
- laryngeal C32.3
- cauda equina C72.1
- secondary C79.41
- cerebellum C71.6
- secondary C79.36
- cerebrum
- basal ganglia C71.01
- secondary C79.32
- corpus callosum C71.00
- secondary C79.34
- specified NEC C71.07
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- cervix uteri C53
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- malignant — continued
- clavicle C41.3
- coccyx C41.4
- colon C18
- rectosigmoid C19
- with rectum C19
- connective tissue C49.9
- abdomen C49.4
- face C49.0
- head C49.0
- hip C49.2
- limb
- lower C49.2
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