

ICD-11 Browser Overview

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1. Introduction

This overview describes how to use the ICD-11 Browser.

2. ICD-11 Browser

The browser is the tabular list of ICD-11 and is referred to as the MMS (Mortality and Morbidity Statistics linearization).

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search]

Browse Coding Tool Special Views Info

▼ ICD-11 - Mortality and Morbidity Statistics

- ▶ 01 Certain infectious or parasitic diseases
- ▶ 02 Neoplasms
- ▶ 03 Diseases of the blood or blood-forming organs
- ▶ 04 Diseases of the immune system
- ▶ 05 Endocrine, nutritional or metabolic diseases
- ▶ 06 Mental, behavioural or neurodevelopmental disorders
- ▶ 07 Sleep-wake disorders
- ▶ 08 Diseases of the nervous system
- ▶ 09 Diseases of the visual system
- ▶ 10 Diseases of the ear or mastoid process
- ▶ 11 Diseases of the circulatory system
- ▶ 12 Diseases of the respiratory system
- ▶ 13 Diseases of the digestive system
- ▶ 14 Diseases of the skin
- ▶ 15 Diseases of the musculoskeletal system or connective tissue
- ▶ 16 Diseases of the genitourinary system
- ▶ 17 Conditions related to sexual health
- ▶ 18 Pregnancy, childbirth or the puerperium
- ▶ 19 Certain conditions originating in the perinatal period
- ▶ 20 Developmental anomalies
- ▶ 21 Symptoms, signs or clinical findings, not elsewhere classified
- ▶ 22 Injury, poisoning or certain other consequences of external causes
- ▶ 23 External causes of morbidity or mortality
- ▶ 24 Factors influencing health status or contact with health services
- ▶ 25 Codes for special purposes
- ▶ 26 Traditional Medicine conditions - Module I
- ▶ V Supplementary section for functioning assessment
- ▶ X Extension Codes

ICD-11 for Mortality and Morbidity Statistics (ICD-11 MMS) 2018 version

Version for preparing implementation

Release Notes

- The code structure for the ICD-11 MMS is stable.
- Updating mechanism is in place, based on the proposals submitted on the [maintenance platform](#)

On the left side of the screen is the classification hierarchy tree. You can expand and view the content of each chapter by clicking on the small triangles on the left side of the descriptions and you can navigate down to the level you want to go to.

You can collapse part of the tree by selecting the triangle and you can collapse the whole hierarchy tree by selecting the collapse all nodes button .

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search]

Browse Coding Tool Special Views Info

- ICD-11 - Mortality and Morbidity Statistics
 - 01 Certain infectious or parasitic diseases
 - Gastroenteritis or colitis of infectious origin
 - Bacterial intestinal infections
 - 1A00 Cholera**
 - 1A01 Intestinal infection due to other Vibrio
 - 1A02 Intestinal infections due to Shigella
 - 1A03 Intestinal infections due to Escherichia coli
 - 1A04 Enterocolitis due to Clostridium difficile

Foundation Id : <http://id.who.int/icd/entity/257068234>

1A00 Cholera

Parent
Bacterial intestinal infections Show all ancestors

Inclusions

Clicking on any item in the hierarchy will display the code, title and other details such as synonyms, definition, inclusions and exclusions in the panel on the right side of the screen.

When you link to the browser from the coding tool using the icon (see page 2 of the ICD-11 Coding Tool Overview for more information), the condition you selected will be displayed on the main large section on the right of the screen.

In the following example the code and title are **1A00 Cholera** and the parent category is Bacterial intestinal infections, with cholera syndrome listed under 'Inclusions' at this code. This code also has a post coordination option to add further detail.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search]

Browse Coding Tool Special Views Info

- ICD-11 - Mortality and Morbidity Statistics
 - 01 Certain infectious or parasitic diseases
 - Gastroenteritis or colitis of infectious origin
 - Bacterial intestinal infections
 - 1A00 Cholera**
 - 1A01 Intestinal infection due to other Vibrio
 - 1A02 Intestinal infections due to Shigella
 - 1A03 Intestinal infections due to Escherichia coli
 - 1A04 Enterocolitis due to Clostridium difficile
 - 1A05 Intestinal infections due to Yersinia enterocolitica
 - 1A06 Gastroenteritis due to Campylobacter
 - 1A07 Typhoid fever
 - 1A08 Paratyphoid Fever
 - 1A09 Infections due to other Salmonella
 - 1C10.1 Abdominal actinomycosis
 - 1A0Y Other specified bacterial intestinal infections
 - 1A0Z Bacterial intestinal infections, unspecified
 - Bacterial foodborne intoxications
 - Viral intestinal infections
 - Protozoal intestinal infections
 - 1A40 Gastroenteritis or colitis without specification of infectious agent
 - Intestinal fungal infections

Foundation Id : <http://id.who.int/icd/entity/257068234>

1A00 Cholera

Parent
Bacterial intestinal infections Show all ancestors

Inclusions
• cholera syndrome

Postcoordination ?

Add detail to **Cholera**

Infectious agent (use additional code, if desired)

XN7N1	Vibrio cholera
XN8P1	Vibrio cholera 01, biovar cholerae
XN62R	Vibrio cholera 01, biovar eltor

Associated with (use additional code, if desired)

Search

When verifying your code selection in the MMS it is important to **always** look at the notes at category, higher grouping levels and at chapter level.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search]

Browse Coding Tool Special Views Info

Foundation Id : <http://id.who.int/icd/entity/257068234>

1A00 Cholera

Parent

Bacterial intestinal infections Show all ancestors

Inclusions

- cholera syndrome

Postcoordination

Add detail to **Cholera**

Infectious agent (use additional code, if desired)

XN7N1	Vibrio cholera
XN8P1	Vibrio cholera 01, biovar cholerae
XN62R	Vibrio cholera 01, biovar eltor

Associated with (use additional code, if desired)

Search

The other icon above the tree  is for hiding or showing the foundation children that are located elsewhere in the classification. As the MMS is derived from the foundation component and conditions can have multiple parents, some conditions can be found in two places within the foundation layer. These are shown in the MMS in grey. If these entries are selected the details of the code can be seen; selecting the Parent will take you to the category where the code is located in the MMS.

In the following example of **1B70.01 Erysipelas of external ear** this code is greyed out in Chapter 10 because it is located here in the foundation layer as it is a disease of the ear or mastoid process. However, in the MMS it is located in chapter **01 Certain infectious or parasitic diseases**, selecting the parent takes you to its location in chapter 01.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search] Browse Coding Tool Special Views Info

Foundation Id : <http://id.who.int/icd/entity/348525836>

1B70.01 Erysipelas of external ear

Parent
1B70.0 Erysipelas

Description
A rapidly expanding diffuse superficial dermal streptococcal infection involving the external ear. In contrast with infective otitis externa, the skin of the fissure behind the ear or where the ear lobule is attached to the side of the head) and systemic features including fever and malaise are common.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search] Browse Coding Tool Special Views Info

Foundation Id : <http://id.who.int/icd/entity/348525836>

1B70.01 Erysipelas of external ear

Parent
1B70.0 Erysipelas

Description
A rapidly expanding diffuse superficial dermal streptococcal infection involving the external ear. In contrast with infective otitis externa, the skin of the fissure behind the ear or where the ear lobule is attached to the side of the head) and systemic features including fever and malaise are common.

You can choose to view or hide these foundation children by selecting the  icon above the tree.

3. Post-Coordination

An important function of the browser is the post-coordination function, whereby more than one code is used to classify a concept and the browser provides you with the ability to select the additional extension codes that can be post coordinated.

3.1. Browser Post-Coordination

Where post coordination is available the post coordination section is displayed at the bottom of the right-hand pane.

The post-coordination section will only show the possible post-coordination axes that are applicable to that entity. There may be one set of extension codes that can be assigned or there may be a number of sets of extension codes that can be used to add detail. In the

example below there are two sets of extension codes that can be added for laterality and specific anatomy.

If the set of post coordination options is small, the browser will list all possible values, as seen with laterality below.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search [Advanced Search]

Browse Coding Tool Special Views Info

Foundation Id : <http://id.who.int/icd/entity/984580942>

AA02 Malignant otitis externa

Parent
Infectious diseases of external ear Show all ancestors

Description
Malignant otitis externa is a rare life-threatening infective complication of otitis externa. It is due in the majority of cases to *Pseudomonas aeruginosa*. Organisms penetrate from the external ear canal into the surrounding deeper tissues resulting in osteomyelitis of the temporal bone and risks of damage to adjacent cranial nerves and septic thrombo-emboli to the brain. Advanced age, uncontrolled diabetes mellitus and immunosuppression are risk factors.

Postcoordination

Add detail to **Malignant otitis externa**

Laterality (use additional code, if desired)

XK9J	Bilateral
XK8G	Left
XK9K	Right
XK70	Unilateral, unspecified
XK6G	Unspecified laterality

Specific anatomy (use additional code, if desired)

Search

The relevant extension codes can be selected from these post coordination options and the browser displays the selected codes under the post-coordination heading. The cluster of codes you have selected for the diagnosis you are coding is formed at the top right of the post coordination section.

When post-coordinating codes, the correct separators must be used, a slash '/' is used before stem codes and an ampersand '&' before extension codes, the browser automatically uses the correct separators in the post-coordination section.

If a code is incorrectly selected it can be removed by clicking on the red cross .

Clicking on the codes will copy the code string to the clipboard so that you can paste them elsewhere.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search
[Advanced Search]

Browse
Coding Tool
Special Views
Info

- ▼ ICD-11 - Mortality and Morbidity Statistics
 - ▶ 01 Certain infectious or parasitic diseases
 - ▶ 02 Neoplasms
 - ▶ 03 Diseases of the blood or blood-forming organs
 - ▶ 04 Diseases of the immune system
 - ▶ 05 Endocrine, nutritional or metabolic diseases
 - ▶ 06 Mental, behavioural or neurodevelopmental disorders
 - ▶ 07 Sleep-wake disorders
 - ▶ 08 Diseases of the nervous system
 - ▶ 09 Diseases of the visual system
 - ▼ 10 Diseases of the ear or mastoid process
 - ▼ Diseases of external ear
 - ▼ Otitis externa
 - ▼ Infectious diseases of external ear
 - AA00 Abscess of external ear
 - AA01 Cellulitis of external ear
 - AA02 Malignant otitis externa
 - ▶ AA03 Otomycosis
 - AA04 Perichondritis of external ear
 - 1B70.01 Erysipelas of external ear
 - AA0Y Other specified infectious diseases of external ear
 - AA0Z Infectious diseases of external ear, unspecified
 - ▶ Noninfectious inflammation of external ear
 - AA3Z Otitis externa, unspecified
 - ▶ Noninflammatory disorders of the external ear
 - AA6Z Diseases of external ear, unspecified
 - ▶ Diseases of middle ear or mastoid
 - ▶ Diseases of inner ear
 - ▶ Disorders with hearing impairment
 - ▶ Disorders of ear, not elsewhere classified

Foundation id : <http://id.who.int/icd/entity/984580942>

AA02 Malignant otitis externa

Parent

Infectious diseases of external ear

Show all ancestors

Description

Malignant otitis externa is a rare life-threatening infective complication of otitis externa. It is due in the majority of cases to *Pseudomonas aeruginosa*. Organisms penetrate from the external ear canal into the surrounding deeper tissues resulting in osteomyelitis of the temporal bone and risks of damage to adjacent cranial nerves and septic thrombo-emboli to the brain. Advanced age, uncontrolled diabetes mellitus and immunosuppression are risk factors.

Post-coordination

AA02 Malignant otitis externa

Laterality XK9J Bilateral

Add detail to **Malignant otitis externa**

Laterality *(use additional code, if desired)*

XK9J	Bilateral
XK8G	Left
XK9K	Right
XK70	Unilateral, unspecified
XK6G	Unspecified laterality

Specific anatomy *(use additional code, if desired)*

Search

If the set of post-coordination options is large, the browser provides the ability to assign these additional extension codes without leaving the current location. You can see this functionality underneath ‘specific anatomy’.

ICD-11 for Mortality and Morbidity Statistics (2018)

Search

[\[Advanced Search \]](#)

Browse

Coding Tool [?]

Special Views

Info

- ▼ ICD-11 - Mortality and Morbidity Statistics
 - ▶ 01 Certain infectious or parasitic diseases
 - ▶ 02 Neoplasms
 - ▶ 03 Diseases of the blood or blood-forming organs
 - ▶ 04 Diseases of the immune system
 - ▶ 05 Endocrine, nutritional or metabolic diseases
 - ▶ 06 Mental, behavioural or neurodevelopmental disorders
 - ▶ 07 Sleep-wake disorders
 - ▶ 08 Diseases of the nervous system
 - ▶ 09 Diseases of the visual system
 - ▼ 10 Diseases of the ear or mastoid process
 - ▼ Diseases of external ear
 - ▼ Otitis externa
 - ▼ Infectious diseases of external ear
 - AA00 Abscess of external ear
 - AA01 Cellulitis of external ear
 - AA02 Malignant otitis externa
 - ▶ AA03 Otomycosis
 - AA04 Perichondritis of external ear
 - 1B70.01 Erysipelas of external ear
 - AA0Y Other specified infectious diseases of external ear
 - AA0Z Infectious diseases of external ear, unspecified
 - ▶ Noninfectious inflammation of external ear
 - AA3Z Otitis externa, unspecified
 - ▶ Noninflammatory disorders of the external ear
 - AA6Z Diseases of external ear, unspecified

Foundation Id : <http://id.who.int/icd/entity/984580942>

AA02 Malignant otitis externa

Parent

Infectious diseases of external ear

[Show all ancestors](#) [⌵]

Description

Malignant otitis externa is a rare life-threatening infective complication of otitis externa. It is due in the majority of cases to *Pseudomonas aeruginosa*. Organisms penetrate from the external ear canal into the surrounding deeper tissues resulting in osteomyelitis of the temporal bone and risks of damage to adjacent cranial nerves and septic thrombo-emboli to the brain. Advanced age, uncontrolled diabetes mellitus and immunosuppression are risk factors.

Postcoordination [?]

AA02 Malignant otitis externa

Laterality

Add detail to

Laterality (use

XK9J

XK8G

XK9K

XK70

XK6G

Specific anatomy

Search

Specific anatomy ✕

- ▼ Specific anatomy
 - ▶ XA6ZY6 External Ear
 - ▶ XA4E71 Pinna
 - XA5K66 Ceruminal gland
 - ▶ XA8W55 Concha
 - XA0TW7 Earlobe
 - ▶ XA3UC1 External auditory canal
 - XA2N71 Tragus
 - XA9E26 Skin of auricle
 - XA7RR9 Antitragus
 - XA5VK5 Intertragic notch
 - XA4DV9 Retroauricular sulcus
 - XA3RC6 Triangular fossa

You can browse all of the additional extension codes that are available for the axes by using the tree icon and navigate through to find the code you require, or you can search for the additional codes by typing in the search box and selecting the code you require

The browser has built-in sanctioning rules which do not allow a cluster to be created when a single code exists to describe the condition. Where this is the case the browser will automatically use the pre-coordinated concept. For example, **2C61 invasive carcinoma of breast** post-coordinated with extension code **XH7KH3 Infiltrating duct carcinoma, NOS** gives just one code because there is a code (**2C61.0 Invasive ductal carcinoma of breast**) for this combination in the MMS.

The screenshot shows the ICD-11 Browser interface for 'invasive carcinoma breast'. The main content area displays '2C61 Invasive carcinoma of breast' with a red arrow pointing to it. Below this, the 'Postcoordination' section shows '2C61 Invasive carcinoma of breast' with 'Code: 2C61.0' circled in red. A search results dropdown is visible at the bottom, showing 'XH7KH3 Infiltrating duct carcinoma, NOS' with a red arrow pointing to it.

3.2. Manual post-coordination

There may be occasions where post-coordination is required in order to describe a condition fully, but the post-coordination section does not contain the additional axes or condition you want to post-coordinate or post-coordination is not available at all. Where this is the case, you can post-coordinate the codes manually.

When manually post-coordinating codes, remember that they must be combined using the correct separator. When the additional code is a stem code use a forward slash '/', when the additional code is an extension code use an ampersand '&'.

For example, searching for the condition profound hearing loss in the Coding Tool indicates that there is no specific pre-coordinated code for this condition as no results are returned. However, using the flexible search (or searching for hearing loss alone) returns the code for hearing loss NOS.

ICD-11 Coding Tool Mortality and Morbidity Statistics (MMS) 2018 Help

Search: profound hearing loss Flexible search is on!

Guessing the word being typed...

Destination Entities

- AB51.Z** Acquired **hearing** impairment, unspecified ⋮ 🔗
- hearing loss** NOS ⋮
- AB37** Noise effects on inner ear 🔗
- Noise-induced **hearing loss**
- AB50.0** Congenital conductive **hearing loss** 🔗
- AB50.Z** Congenital **hearing** impairment, unspecified ⋮ 🔗
- pre-lingual **hearing loss** ⋮
- AB51.0** Acquired conductive **hearing loss** 🔗
- AB52** Deafness not otherwise specified 🔗

Chapter distribution / filter

- Ear and mastoid 18
- Eye and adnexa 10

ICD-11 for Mortality and Morbidity Statistics (2018)

Search: [Advanced Search] Browse Coding Tool Special Views Info

10 Diseases of the ear or mastoid process

- ▶ Diseases of external ear
- ▶ Diseases of middle ear or mastoid
- ▶ Diseases of inner ear
- ▼ Disorders with hearing impairment
 - ▶ AB50 Congenital hearing impairment
 - ▼ AB51 Acquired hearing impairment
 - AB51.0 Acquired conductive hearing loss
 - AB51.1 Acquired sensorineural hearing loss
 - AB51.2 Acquired mixed conductive and sensorineural hearing loss
 - AB51.Y Other specified acquired hearing impairment
 - AB51.Z Acquired hearing impairment, unspecified**

AB51.Z Acquired hearing impairment, unspecified

Parent

AB51 Acquired hearing impairment Show all ancestors

This category is an **'unspecified'** residual category.

When linking to the code in the browser, you can see the post-coordination section is not displayed so there is no option to add the severity of profound. Copy and paste the code (**AB51.Z**) into the location you are using this code.

The next step is to search for the other condition that you want to post-coordinate using the Coding Tool, in this case search for 'profound'. Ensure that the extension codes chapter is selected in the chapter distribution filter so that if the required code is an extension code this will be displayed. In the example below, because the flexible search function was used when searching for 'profound hearing loss', when the extension code chapter is selected in the chapter distribution filter the code for 'profound' appears in the search results. Select the code and verify it in the browser.

ICD-11 Coding Tool Mortality and Morbidity Statistics (MMS) 2018 Help

Search: Flexible search is on!

Guessing the word being typed...

Destination Entities

- AB51.Z Acquired hearing impairment, unspecified ⋮ 🔗
- hearing loss NOS ⋮
- XS2R Profound** 🔗
- AB27 Noise effects on inner ear 🔗
- Noise-induced hearing loss 🔗
- AB50.0 Congenital conductive hearing loss 🔗
- AB50.Z Congenital hearing impairment, unspecified ⋮ 🔗
- pre-lingual hearing loss ⋮
- AB51.0 Acquired conductive hearing loss 🔗
- AB52 Deafness not otherwise specified 🔗
- Central hearing loss ⋮
- AB53 Ototoxic hearing loss 🔗

- Developmental anomalies 4
- Factors influencing health ... 3
- Extension Codes 3
-
- Skin 1
- Injury, poisoning, ... 1
- Immune system 1

ICD-11 for Mortality and Morbidity Statistics (2018)

Search: [Advanced Search] Browse Coding Tool Special Views Info

- 21 Symptoms, signs or clinical findings, not elsewhere classified
- 22 Injury, poisoning or certain other consequences of external causes
- 23 External causes of morbidity or mortality
- 24 Factors influencing health status or contact with health services
- 25 Codes for special purposes
- 26 Traditional Medicine conditions - Module I
- V Supplementary section for functioning assessment
- X Extension Codes
 - Severity Scale Value**
 - Mild Moderate Severe Scale Value
 - XS8H None
 - XS5W Mild
 - XS0T Moderate
 - XS25 Severe
 - XS2R Profound**
 - XS4X Unspecified severity

Foundation Id : <http://id.who.int/icd/entity/1355303673>

XS2R Profound

Parent

Mild Moderate Severe Scale Value Show all ancestors

Inclusions

- Complete

The code is within the severity scale in the extension codes chapter, so this is required code.

Copy and paste the code after the code for hearing loss using an ampersand '&' to separate the codes, because this is an extension code.

1st code field