



International Classification of Diseases

11th Revision

ICD-11 in Dermatology

14:00-15:00 CET



International Classification of Diseases 11th Revision

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Classifications and Terminologies

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ICD-11

International Classification of Diseases

ICD-11

Legally mandated WHO health data standard* – in effect from January 2022 (mortality and morbidity)

Up-to-date scientific knowledge

Integration of terminology and classification

End-to-end digital solution (API, tools, online and offline)

Conceptual framework independent of language and culture

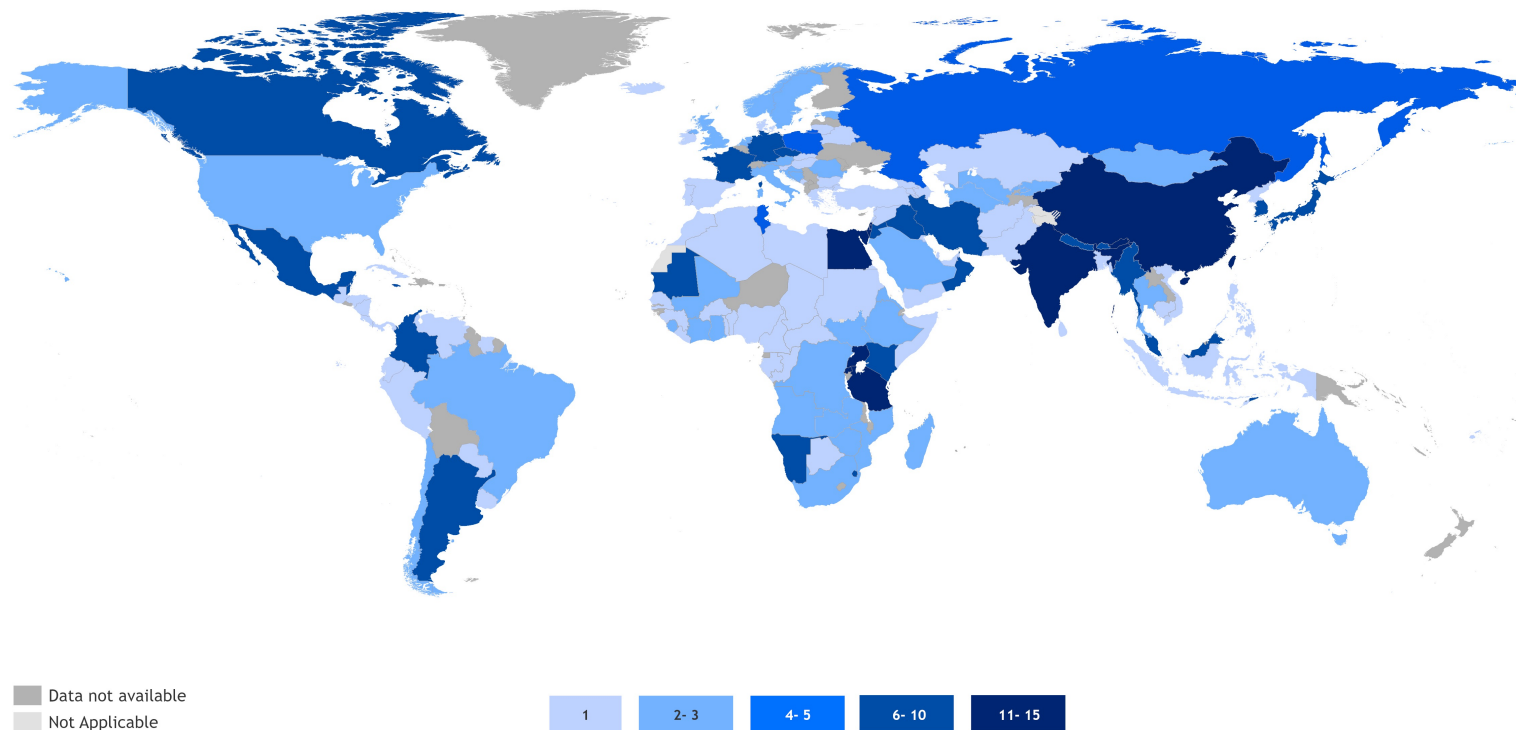
Comparable statistics – semantic interoperability - for 150 years

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Implementation
is
progressing

ICD-11

ICD-11 Implementation Status



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

WHO core classifications

ICD-11

ICD

**International Statistical Classification of Diseases
and related health problems**

ICHI

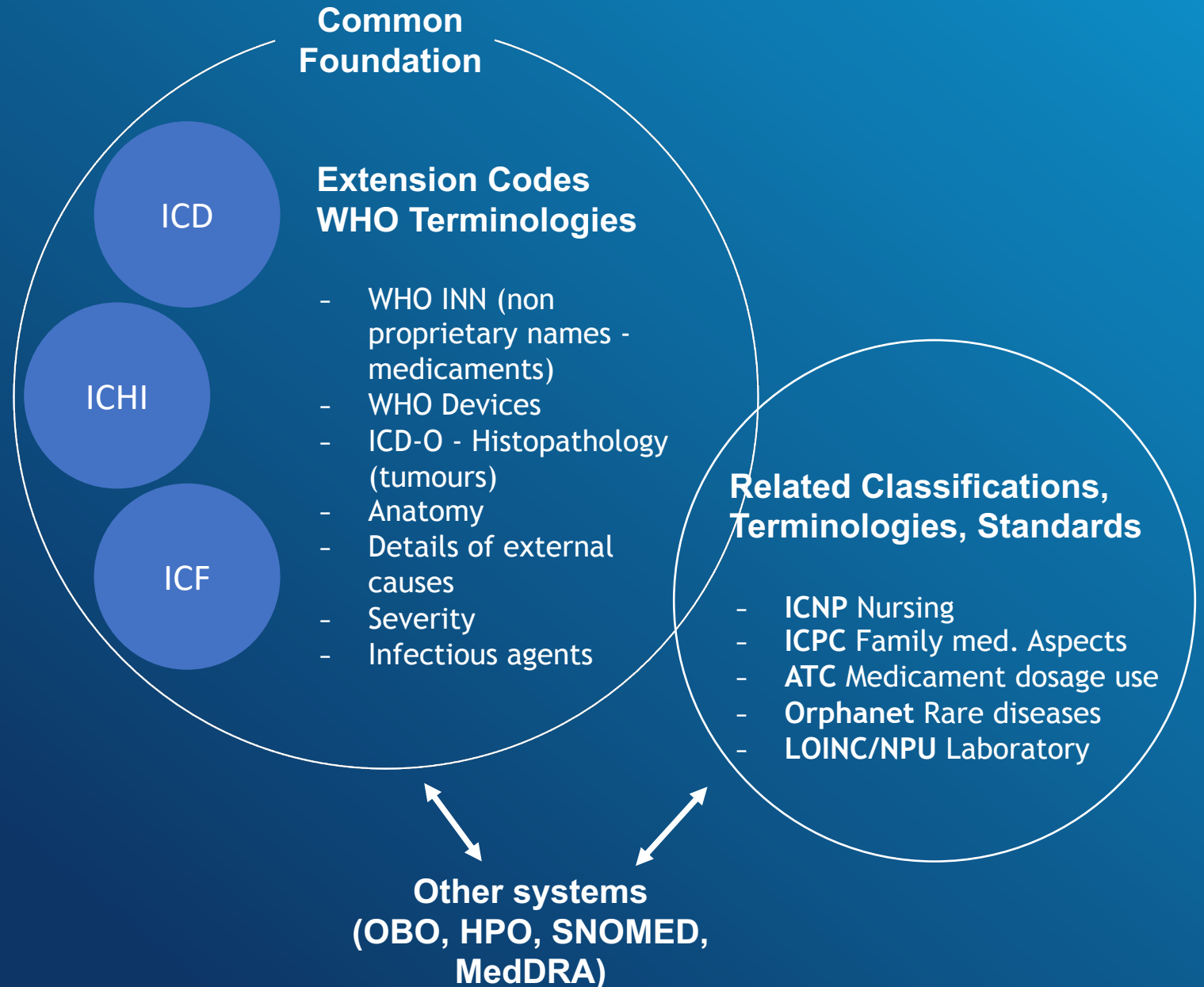
**Interventions for treatment, prevention and diagnostics:
medical, nursing, rehabilitation, laboratory, imaging, ultrasound, public
health...**

ICF

**International Classification of Functioning, Disability and Health:
Describes functional health status and social impact (bio-psycho-social
model).**

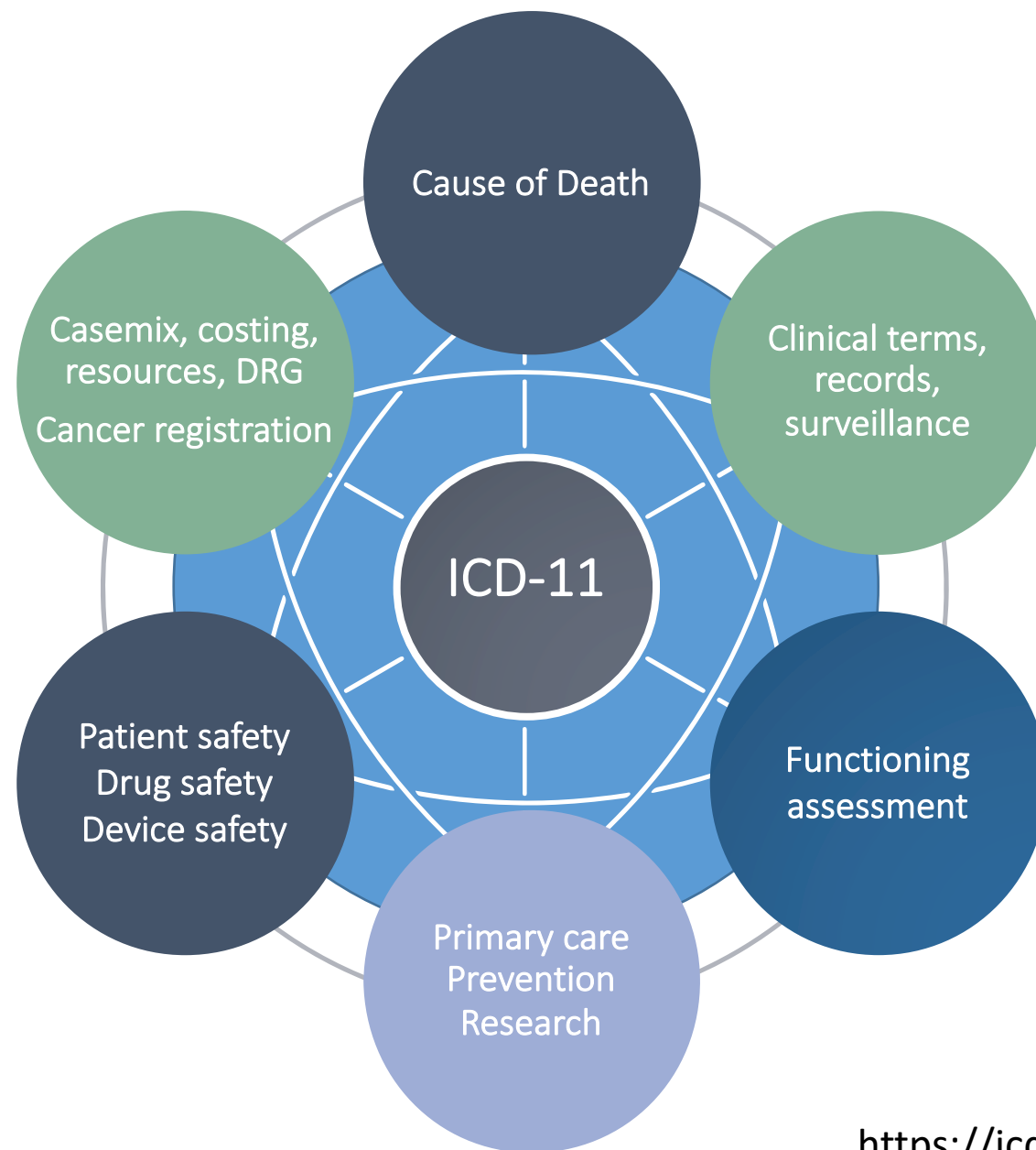
The WHO Family of International Classifications

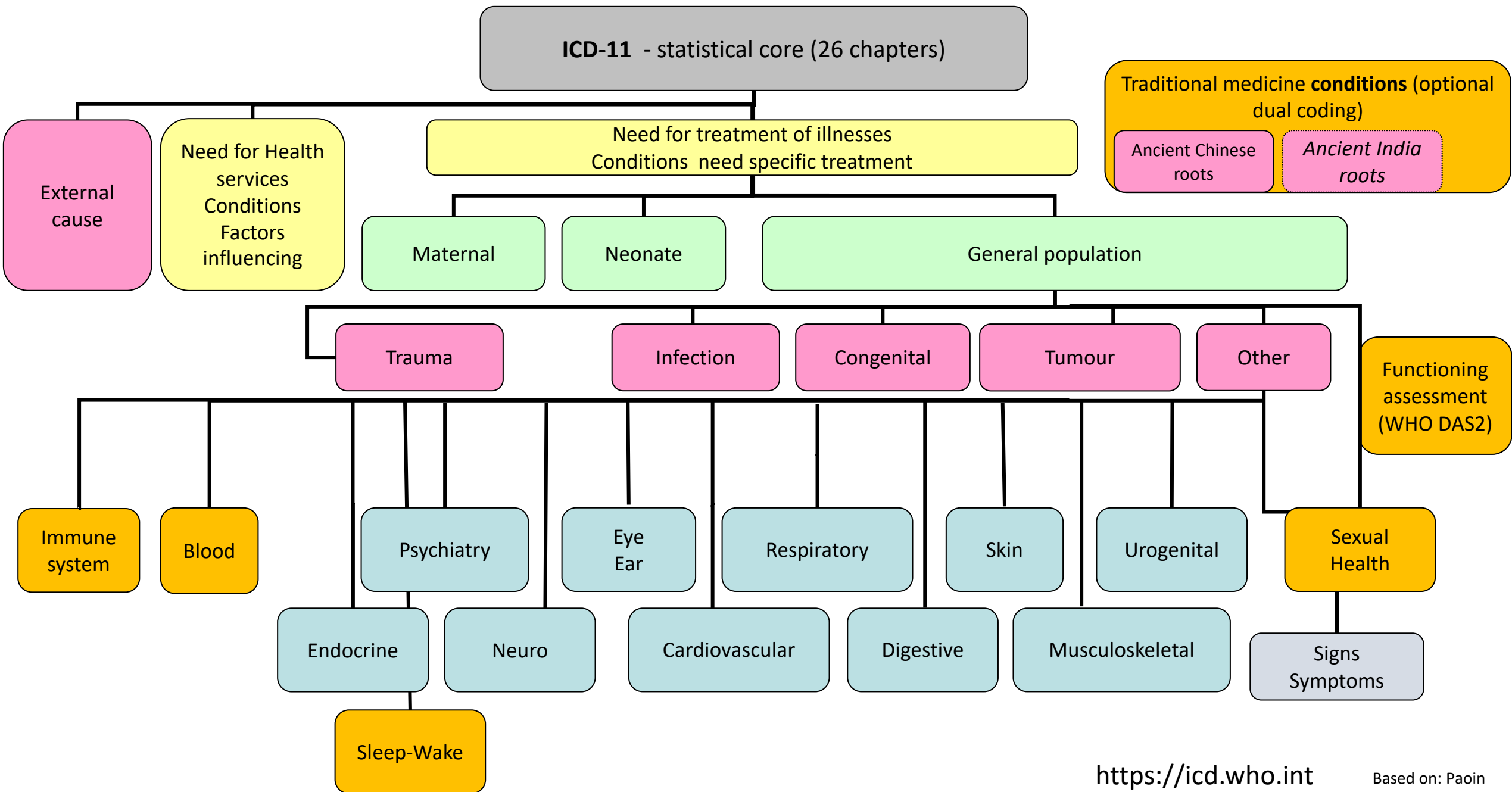
(WHO-FIC)



Designed for Multiple Uses

ICD-11



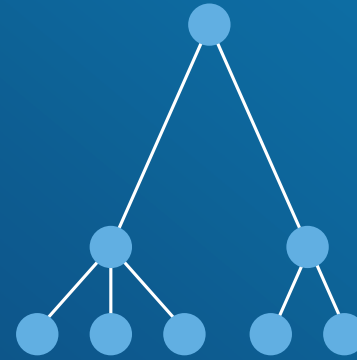


ICD-10

**Statistical system imposed
for clinical use**

Primitive structure with focus
on statistics.

Missing a lot of clinical detail
Print product



Codes and URI
Combinations:

14 000

stat. categories (codes)

Separate text index

Separate rule base

Need terminology link

30 years outdated content

ICD-11

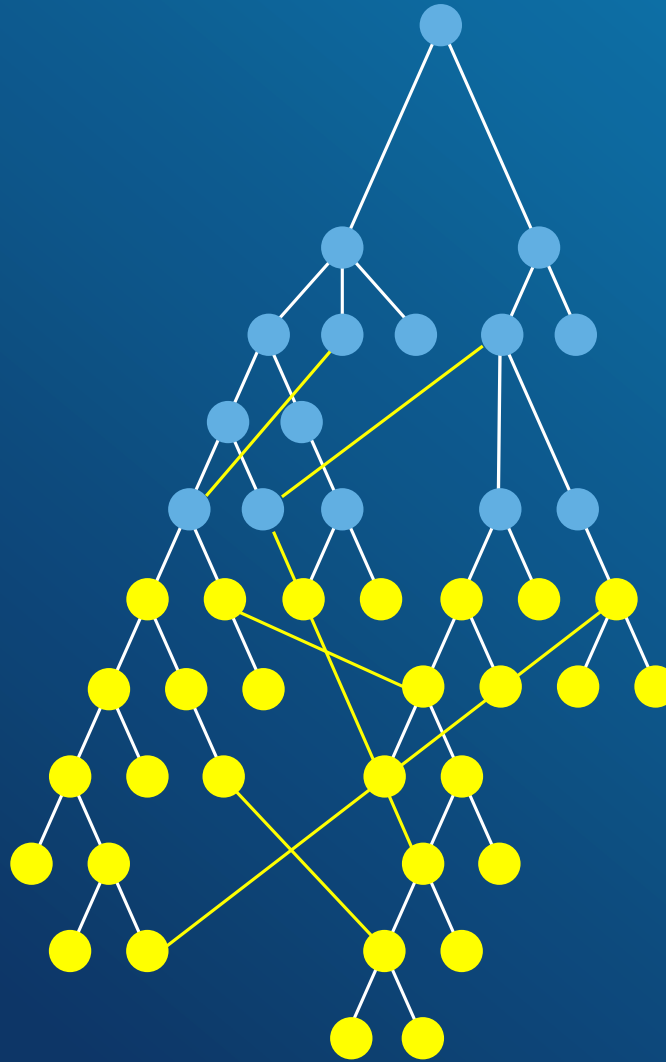
Clinical systems for statistical use

Ontology with multiple parenting

All desired clinical detail codable
Use code combinations

More detail beyond statistical categories (foundation in yellow)

Input from clinical modifications of ICD-10



Codes and URI Combinations:

17 000

stat. categories (codes)

80 000

entities

120 000

terms

>1 600 000

terms with formalized post-coordination

Searchable in “Google style”
without training

New and updated content

ICD-11

New chapters and sections

- **Diseases of the immune system**
- **Sleep wake disorders**
- **Conditions related to sexual health**
- **Optional section Traditional Medicine Conditions**
- **Disability assessment Scheme (WHO-DAS)**

In line with major international initiatives, as

- **Patient safety reporting**
- **Antimicrobial resistance documentation**
- **Detail for DRG (integration of clinical modifications of ICD)**
- **Detail for primary care**

Updates

Some
highlights

ICD-11

Neoplasms

New hierarchy

Inclusion of histopathology, basalioma, melanoma types

Coding for Grade and Stage

Nervous system

More clinical detail

Moved cerebrovascular diseases here

Cardiovascular system

Myocardial infarction STEMI- non-STEMI

updated arrhythmias and pulmonary hypertension

Codes for COVID-19

<https://icd.who.int>

New Chapter 04

Diseases of the immune system

ICD-11

This new chapter (previously part of Chapter III in ICD-10) has the following sections:

Immunodeficiencies

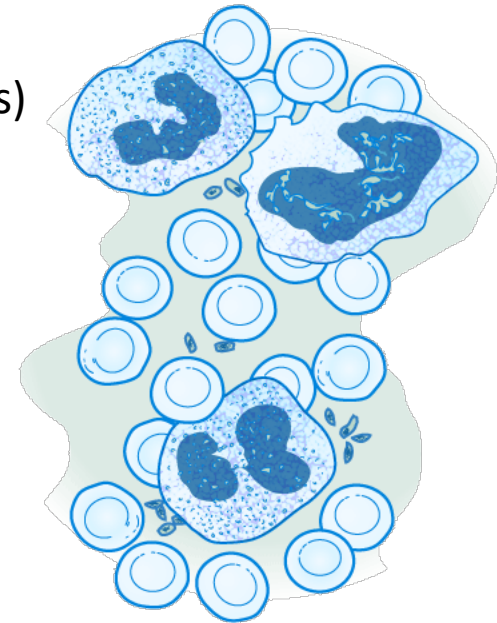
Non-organ specific systemic disorders (NOSSAD)

Autoinflammatory disorders

Allergic or hypersensitivity conditions (+anaphylaxis)

Certain diseases involving the immune system

Diseases of thymus



<https://icd.who.int>



World Health
Organization

Fully redesigned Chapter 14

Diseases of the skin

ICD-11

External causes

Functioning

ICD-11

External Causes

More consistent detail

Better organization of traffic accidents

New section on causes of healthcare related harm or injury (patient safety)

Completely overhauled for modern reporting of harm or near failure

Other sections include Exposure to extreme forces, Maltreatment, Legal intervention, Armed conflict and

Functioning

WHO DAS 2 assessment of functioning and calculating a score

More than
diagnoses

ICD-11

Conditions - Classification

Diagnoses

Injuries

Signs

Symptoms

Findings

Reasons for encounter or health status

External causes of illness & death

Traditional medicine conditions

Functioning assessment – WHO-DAS2

Extension codes - Terminology

Severity

Temporality

Anatomy

Laterality

Consciousness

Infectious agents and AMR

Histopathology (ICD-O)

Chemicals and Medicaments (INN)

Devices

Mechanisms of harm (Safety)

Activities

Places

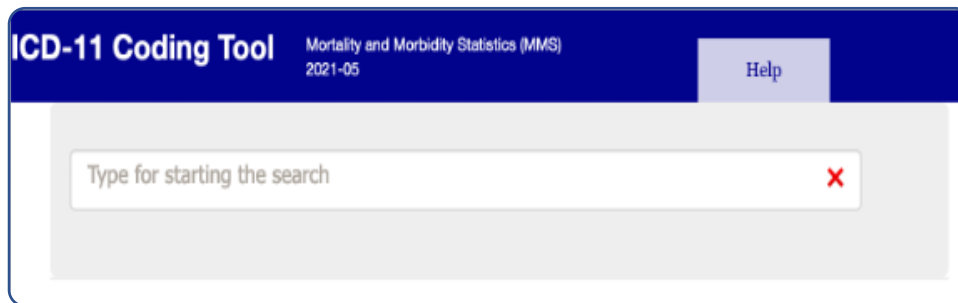
Objects



Easy to use Multiple tools

ICD-11

- ICD-11 self learning training online
- Guide for implementation of ICD-11* timelines – steps – questions
- Mappings
- Field implementation and testing platform
- Webinars and online class for coding
- DRG system (under development)
- API and coding tool that can be embedded LOCALLY or ONLINE



Search Google or type a URL

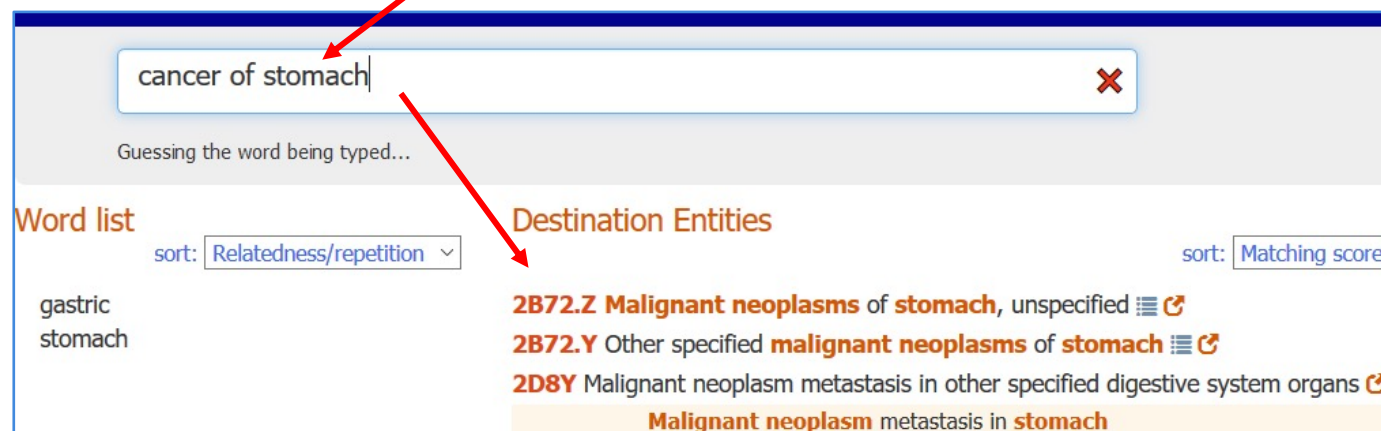
<https://icd.who.int>

Easy to use

ICD-11

Type a diagnostic statement into the Coding Tool

e.g. *cancer of stomach*



cancer of stomach

Guessing the word being typed...

Word list

sort: Relatedness/repetition

gastric
stomach

Destination Entities

sort: Matching score

2B72.Z Malignant neoplasms of stomach, unspecified

2B72.Y Other specified malignant neoplasms of stomach

2D8Y Malignant neoplasm metastasis in other specified digestive system organs

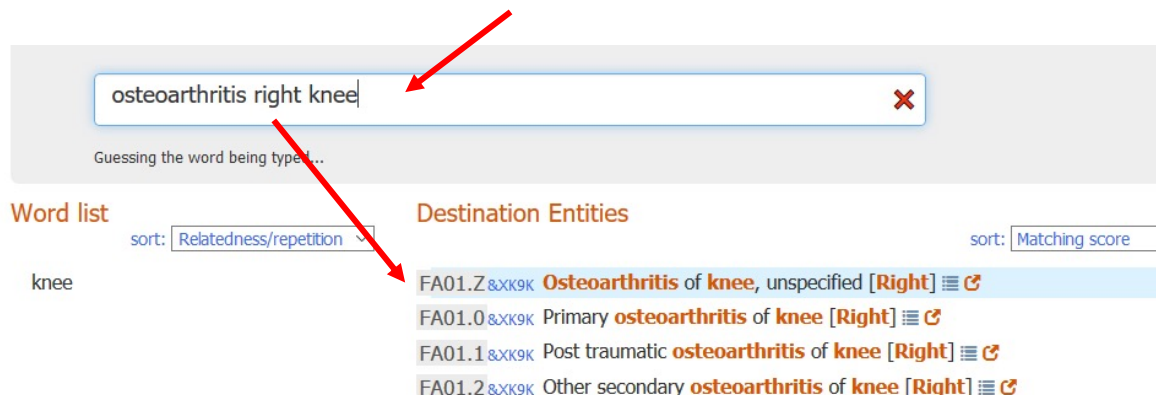
Malignant neoplasm metastasis in stomach

The Coding Tool will find the best match

Easy to use

ICD-11

Type a diagnostic statement into the Coding Tool
e.g. ***Osteoarthritis of right knee***

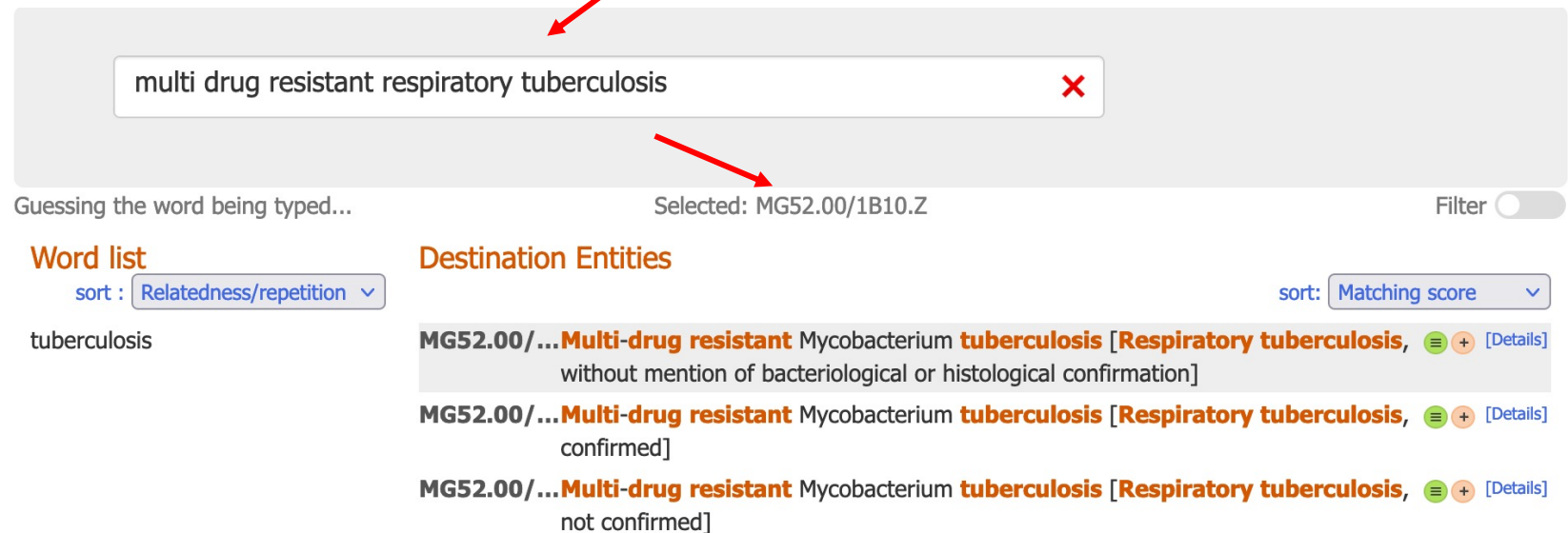


The Coding Tool will find the best match including the code combination (postcoordination) information for left or right (laterality)

Coding Tuberculosis

ICD-11

Type a diagnostic statement into the Coding Tool
e.g. *multi-drug resistant tuberculosis*



multi drug resistant respiratory tuberculosis ✕

Guessing the word being typed... Selected: MG52.00/1B10.Z Filter ☐

Word list
sort : Relatedness/repetition ▾
tuberculosis

Destination Entities
sort: Matching score ▾

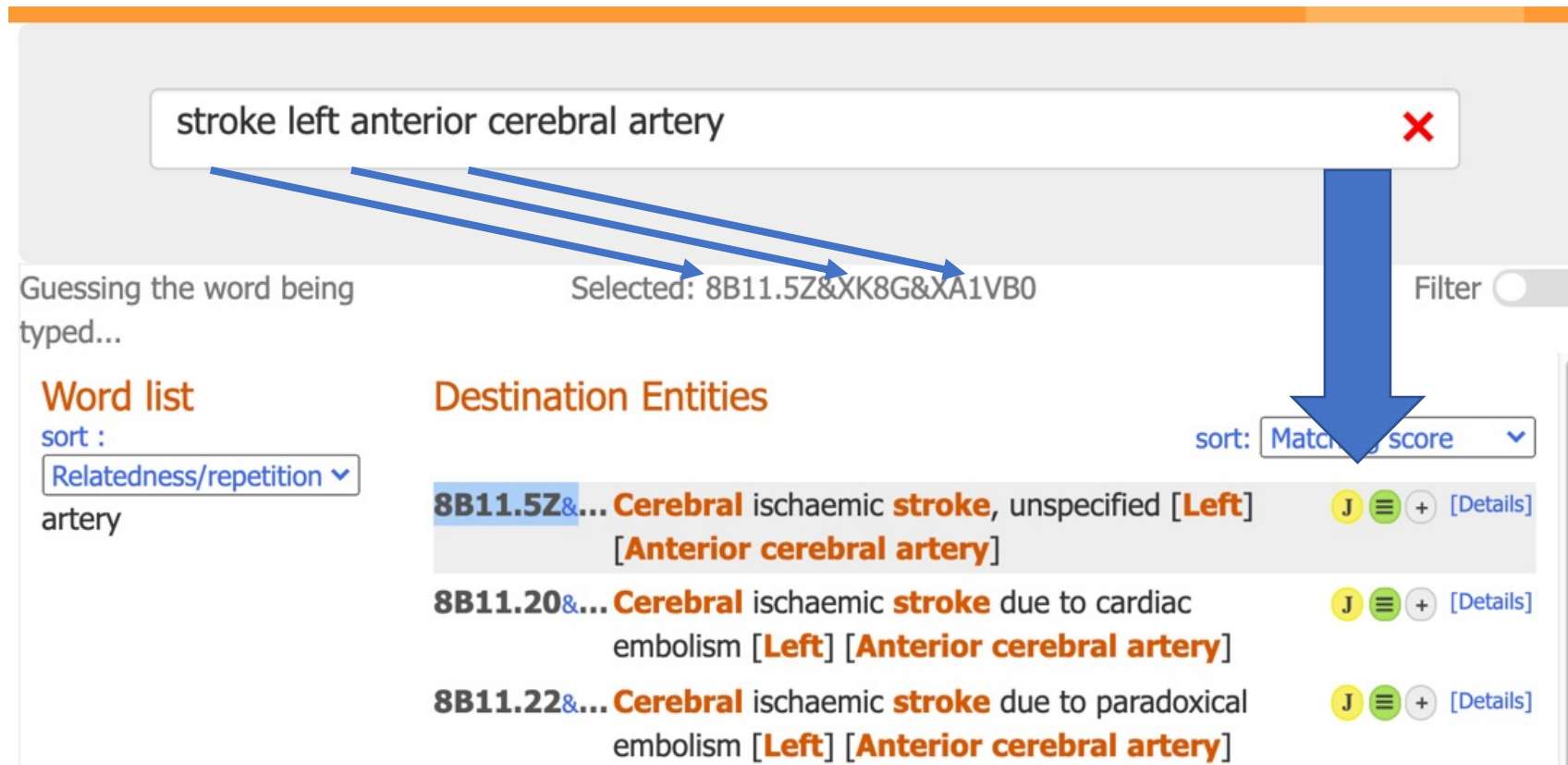
- MG52.00/...**Multi-drug resistant** Mycobacterium **tuberculosis** [**Respiratory tuberculosis**, without mention of bacteriological or histological confirmation]
- MG52.00/...**Multi-drug resistant** Mycobacterium **tuberculosis** [**Respiratory tuberculosis**, confirmed]
- MG52.00/...**Multi-drug resistant** Mycobacterium **tuberculosis** [**Respiratory tuberculosis**, not confirmed]

The Coding Tool will find the best match including the code combination

<https://icd.who.int>

Coding Stroke

ICD-11



stroke left anterior cerebral artery

Guessing the word being typed... Selected: 8B11.5Z&XK8G&XA1VB0

Filter ☐


Word list
sort :
Relatedness/repetition
artery

Destination Entities
sort: Matching score

8B11.5Z&...	Cerebral ischaemic stroke, unspecified [Left] [Anterior cerebral artery]	J	≡	+	[Details]
8B11.20&...	Cerebral ischaemic stroke due to cardiac embolism [Left] [Anterior cerebral artery]	J	≡	+	[Details]
8B11.22&...	Cerebral ischaemic stroke due to paradoxical embolism [Left] [Anterior cerebral artery]	J	≡	+	[Details]

Coding Instructions

ICD-11



Instructions for special coding e.g. maternal cases, coding notes and for postcoordination (using code combinations)

stroke left anterior cerebral artery ✕

Processing the word being typed... Filter

Word list
sort: Relatedness/repetition

Destination Entities
sort: Matching score

artery

8B11.5Z&XK8G&XA1VB0 Cerebral ischaemic stroke, unspecified [Left] [Anterior cerebral artery] J ≡ + 01F 506 ✕

Matching Terms Show all [11]

- cryptogenic **stroke** [Left] [Anterior cerebral artery]
- ischaemic **stroke** NOS [Left] [Anterior cerebral artery]
- cryptogenic **stroke** [unilateral, left] [Anterior cerebral artery]
- cerebrovascular ischaemic **stroke** [Left] [Anterior cerebral artery]
- ischaemic **stroke** NOS [unilateral, left] [Anterior cerebral artery]

Related categories in maternal chapter J

Diseases of the nervous system complicating pregnancy, childbirth or the puerperium / Cerebral ischaemic stroke, unspecified [Left] [Anterior cerebral artery] ([JB64.3/8B11.5Z&XK8G&XA1VB0](#))

Coding Note ≡

If an additional code is used for anatomy, the artery affected by the stroke should be selected.

Postcoordination +

Postcoordination is available: [click here to open the browser](#) 01F 506

Note: In ICD-11, some known frequent combinations are directly provided by the system. Other combinations need to be manually selected.

Multilingual

ICD-11

▼ ICD-11 for Mortality and Morbidity Statistics

▶ 01 Certain infectious or parasitic diseases

▼ 02 Neoplasms

▶ Neoplasms of brain or central nervous system

▶ Neoplasms of haematopoietic or lymphoid tissues

▼ Malignant neoplasms, except primary neoplasms of lymphoid, haematopoietic, central nervous system or related tissues

▼ Malignant neoplasms, stated or presumed to be primary, of specified sites, except of lymphoid, haematopoietic, central nervous system or related tissues

▶ Malignant mesenchymal neoplasms

▶ Malignant neoplasms of lip, oral cavity or pharynx

▼ Malignant neoplasms of digestive organs

▶ 2B70 Malignant neoplasms of oesophagus

▶ 2B71 Malignant neoplasms of oesophagogastric junction

▶ 2B72 Malignant neoplasms of stomach

▶ Malignant neoplasms of intestine

▶ 2C10 Malignant neoplasm of pancreas

▶ 2C11 Malignant neoplasms of other or ill-defined digestive organs

▶ 2C12 Malignant neoplasms of liver or intrahepatic bile ducts

▶ 2C13 Malignant neoplasms of gallbladder

▼ 2C14 Malignant neoplasms of proximal biliary tract, cystic duct

2C14.0 Adenocarcinoma of proximal biliary tract, cystic duct

2C14.1 Mucinous cystic neoplasm with

Foundation URI : <http://id.who.int/icd/entity/1219877641>

2C14.0 Adenocarcinoma of proximal biliary tract, cystic duct

Parent

2C14 Malignant neoplasms of proximal biliary tract, cystic duct

Show all ancestors

Postcoordination

Add detail to Adenocarcinoma of proximal biliary tract, cystic duct

Histopathology (use additional code, if desired .)

Search

Has manifestation (use additional code, if desired .)

MG30.10 Chronic cancer pain

Foundation URI : <http://id.who.int/icd/entity/1219877641>

2C14.0 أدينوكلارسينوما في القسم القريب من السبيل الصفراوي، القناة المرارية

عنصر أصلي

2C14 أورام خبيثة في القسم القريب من السبيل الصفراوي، القناة المرارية

إظهار جميع العناصر الأصلية الأعلى

الربط اللاحق

أضف تفاصيل أدينوكلارسينوما في القسم القريب من السبيل الصفراوي، القناة المرارية

الباثولوجيا النسيجية (هستوباثولوجي) (استخدم رمزًا إضافيًا، عند الرغبة في ذلك.)

بحث

له مظاهر (استخدم رمزًا إضافيًا، عند الرغبة في ذلك.)

MG30.10 ألم مزمن بسبب السرطان

French and Russian become available this year
20 more translations are being prepared

<https://icd.who.int>

A Patient's path

ICD-11

Person worried, feels increasingly sick; some infection is circulating

ICD-11 Code the worry of the patient

Data inform planning of prevention

Practitioner identifies febrile viral infection

ICD-11 Code reason for encounter - infection

Data inform resource planning and epidemiology

Severity increases and referral to secondary care, intensive care, COVID-19 identified

ICD-11 Code reason for stay – COVID-19

ICHI Code therapies

Data inform resource planning, DRG, service availability and epidemiology

Family members are checked for contagion

ICD-11 COVID-19 excluded

ICHI Code diagnostic test

Data inform epidemiology, coding, service availability

A Patient's path

ICD-11

A near incident occurs at the intensive care unit
(failure infusion pump)

ICD-11 Code failure pump, no harm to patient

Data inform patient safety and quality monitoring, device safety monitoring, costing

Recovery requires physiotherapy

ICD-11 Code and assess functioning score

ICF Code specific functioning

ICHI Code physiotherapy

Data inform costing, DRG, service availability, resource planning, impact of services

Fitness has improved and the person is back to work

ICD-11 Code and assess functioning score

ICF Code specific functioning

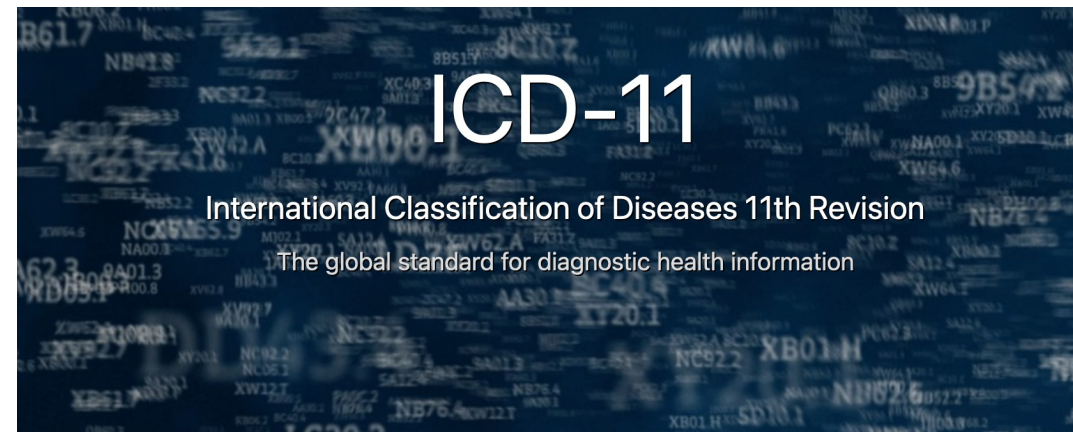
Data inform social insurance, rehabilitation and reintegration

Easy to
participate

ICD-11

Register yourself and submit
a proposal providing

- Rationale
- Scientific evidence
- Impact



Use ICD-11

[ICD-11 Browser](#)

for seeing the content

[ICD-11 Coding Tool](#)

for coding with ICD-11

[ICD-API](#)

*web services to get programmatic
access to ICD-11*

[ICD-11 Implementation or
Transition Guide](#)

Learn More

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[ICD-11 Reference Guide](#)

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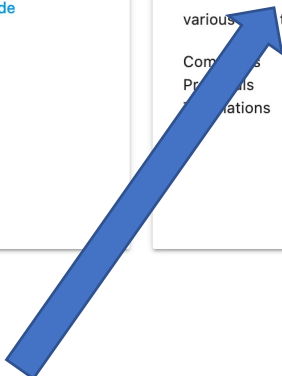
[Older versions](#)

[ICD-10 Browser](#)

Be Involved

Our [maintenance platform](#) provides
various [tools](#) to contribute

[Comments](#)
[Proposals](#)
[Translations](#)



<https://icd.who.int>

Easy to
propose
improvement

ICD-11

WHO-FIC Maintenance Platform

This site contains unreleased, work in progress versions of the WHO Family of International Classifications (WHO-FIC). For the latest release of ICD-11 visit [ICD-11 Home Page](#)

You need to create an account if you wish to contribute to the classifications by writing proposals or comments

Browse

Foundation

Browse the foundation component

Reference

Classifications

[ICD-11 MMS](#)

[ICD-11 Coding Tool](#)

[ICF](#)

[ICHI](#)

Other Linearizations

[Primary Care](#)

[Linearization](#)

more 

Proposals

ICD-11

[Add Proposals / See in hierarchy](#)

[Proposal list / Search](#)

ICF

[Add Proposals / See in hierarchy](#)

[Proposal list / Search](#)

ICHI

[Add Proposals / See in hierarchy](#)

[Proposal list / Search](#)

Translation Platform

Assists the translation process.

[Translation Platform](#) can be used by registered translators only [More info](#)

<https://icd.who.int>

ICD-11 home page: <https://icd.who.int>

Translations: [Arabic](#), [Chinese](#), [English](#), [French](#), [Spanish](#), and [Russian](#);

<https://www.who.int/classifications>

To submit questions and suggestions related to WHO-FIC, contact:

icd@who.int, whofic@who.int and ichi@who.int

