

International Classification of Health Interventions (ICHI)

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ICHI is a member of the WHO Family of International Classifications

ICHI covers:

- Medical and surgical
- Mental health
- Primary care
- Allied health
- Assistance with functioning
- Rehabilitation
- Prevention and public health

In development since 2007

ICHI aims to provide a common tool for describing, reporting and analysing health interventions



Use cases for ICHI

- **International comparisons**
 - e.g. reporting by the Organisation for Economic Co-operation and Development (OECD) and Eurostat (European Statistical Office)
- **Sustainable Development Goals (SDGs) and Universal Health Coverage (UHC)** - Specifying indicators, monitoring progress
- **National use** of ICHI
 - Countries with no classification of health interventions
 - Countries (other than the U.S.) which have used ICD-9-CM Volume 3
 - Countries which have a national classification and choose to redevelop it using ICHI
 - Addition of components of ICHI to national classifications
- **Patient safety and quality**
- **Health System Performance** - Clinical, Case mix, Financial, Management
- **Public health** use cases for ICHI



Health intervention

A health intervention is an act performed for, with or on behalf of a person or population whose purpose is to assess, improve, maintain, promote or modify health, functioning or health conditions

- Each category is represented by a seven-character, pre-coordinated code, which is called a 'stem code'
- Each ICHI stem code is described in terms of three axes:
 - **Target** - entity on which the Action is carried out
 - **Action** - deed done by an actor to the Target
 - **Means** - processes and methods by which the Action is carried out

AAA.AD.AA Biopsy of brain
SIG.PH.ZZ Training in fine hand use



ICHI

1. Interventions on Body Systems and Functions

Chapter 1-12 arranged by Body system; each includes interventions on Body functions

2. Interventions on Activities and Participation Domains

Chapter 13 - 21 arranged by ICF Activity & Participation chapters

3. Interventions on the Environment

Chapter 22 - 27 arranged by ICF environment factors

4. Interventions on Health-related Behaviour

Chapter 28

About 8 500 interventions.

Note: Public health interventions generally have Targets in chapter 22-28

Rehabilitation across all four sections



ICHI – WHO-FIC Platform

- ICHI is available at WHO-FIC Platform

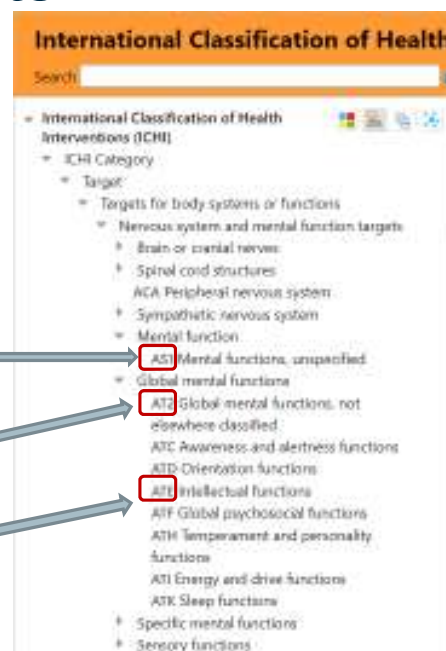
– <https://icd.who.int/dev11/l-ichi/en#/>

Hierarchical structure of ICHI Targets

Categories from ICF are used as Targets categories in ICHI (body functions, activities and participation, environment)

These Targets are hierarchically nested:

- ICF chapter level – have two letters followed by the number '1'
- ICF block level - have two letters followed by the number '2'
- ICF second level - target codes have three letters



Extension codes (optional) – for detail

Additional descriptive information – e.g. relationship to other intervention(s), specific skills and techniques

Assistive products – including the Priority Assistive Products List (APL)

Essential pathology tests

Quantifiers – e.g. number of performed interventions, inserted therapeutic products

Telehealth

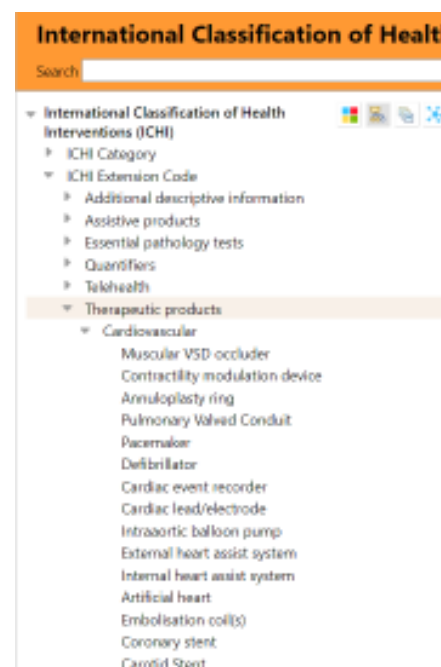
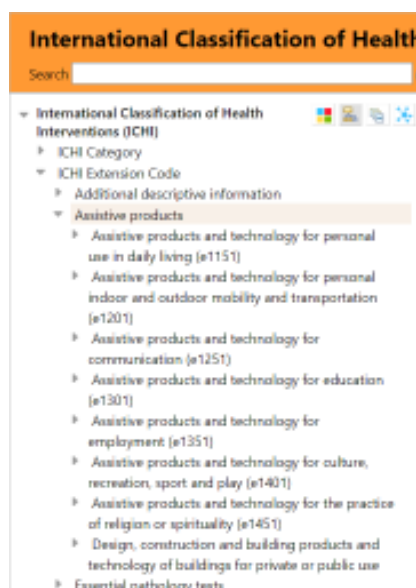
Therapeutic products

Topology – e.g. relational, laterality, measurement

Extension codes ICD-11:

Anatomy and topography

Substances – Medicaments, Non- medical



Example

For 'Unplanned menisceplasty of knee, right side', assign:

Stem code – MMD.ML.AA Menisceplasty of knee

Additional descriptive information extension code – XB03.0 Unplanned intervention

Topology extension code for laterality – XK9K Right

MMD.ML.AA&XB03.0&XK9K

ICHI in relation to Swedish Classification of Health Care Interventions (KVÅ)

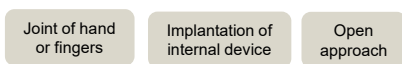
KVÅ-code **NDB89** Primary total arthroplasty of finger joint

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Stem code **MGJ.DN.AA** Implantation of device into finger or hand joint

Extension codes **XA9291** Interphalangeal joint of the hand

XDE8 Total



Stem code & Ext code **MGJ.DN.AA&XA9291&XDE8**

Mapping rules

ICHI in relation to Swedish Classification of Health Care Interventions (KVÅ)

KVÅ-code **QK003** Support or training for carrying out daily routine

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Stem-code **SDG.PH.ZZ** Training in carrying out daily routine
SDG.PM.ZZ Education about carrying out daily routine
SDG.RB.ZZ Practical support with carrying out daily routine
SDG.RC.ZZ Emotional support for carrying out daily routine

Information, education and support as well as training in carrying out simple or coordinated actions to plan and manage time and energy and carry out the activities that are included in daily routines throughout the day.

ICHI will make it possible to use more specific stem codes than in the KVÅ

Conclusions

- ICHI
 - towards finalization
 - covers all parts of the health system
 - complement ICD and ICF

ICHI - the classification of health interventions for the future!



Thank for your attention!

More information about WHO-FIC Maintenance Platform and ICHI

<https://icd.who.int/dev11#/>

<https://icd.who.int/dev11/l-ichi/en>

More information about Swedish health-related classifications

<http://www.socialstyrelsen.se/klassificeringochkoder/>



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