An Introduction to the International Classification of Health Interventions (ICHI)

Incorporating content from:
ICHI - International Classification of Health Interventions Training Manual
ICHI Platform User Guide
Objectives

✓ To understand why ICHI has been developed and its aim

✓ To understand ICHI code structure – three axes, stem codes, extension codes

✓ To understand the correct syntax to use when combining stem codes (/) and extension codes (&) and how to group combined extension codes

✓ To develop an understanding of the ICHI architecture

✓ To develop an understanding of how to browse the ICHI Platform
Background
What is ICHI?

ICHI is a classification of health interventions developed by the World Health Organization (WHO) and The WHO Family of International Classifications (WHO-FIC).

In development since 2007, ICHI aims to provide a common tool for describing, reporting and analysing health interventions.

The aim is to meet a number of use cases such as:

• International comparisons
• National uses:
  • Provide a classification for countries that lack one
  • Countries wishing to align national classification with ICHI
  • Adding components of ICHI to national classifications
  • A basis for re-developing national classifications
• Patient safety and quality
• Health System Performance (incl. Financing)
• ICHI is a member of the WHO Family of International Classifications

• ICHI covers all sectors of the health system:
  – Acute care
  – Mental health
  – Primary care
  – Allied health
  – Assistance with functioning
  – Rehabilitation
  – Prevention
  – Public health
  – Traditional medicine
A health intervention is an act performed for, with or on behalf of a person or a population whose purpose is to assess, improve, maintain, promote or modify health, functioning or health conditions.

Source: ICHI – International Classification of Health Interventions Training Manual
ICHI Code Structure
Stem Code

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** - the entity on which the Action is carried out

**Action** - the deed done by an actor to the Target

**Means** - the processes and methods by which the Action is carried out
Each axis consists of a coded list of descriptive categories.

Each stem code is represented by a title and a unique code denoting the axis categories for that intervention, separated by dots:

- Three characters for the Target
- Two characters for the Action
- Two characters for the Means

<table>
<thead>
<tr>
<th>ICHI code</th>
<th>DAA.JK.AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>DAA - Palatine or pharyngeal tonsil</td>
</tr>
<tr>
<td>Action</td>
<td>JK - Excision, total</td>
</tr>
<tr>
<td>Means</td>
<td>AC - Per Orifice</td>
</tr>
<tr>
<td>ICHI descriptor</td>
<td>Tonsillectomy</td>
</tr>
</tbody>
</table>

In some cases the descriptive title reflects the axis categories for that code (e.g. DAA.JD.AC ‘Removal of foreign body from tonsil’); in other cases the title comprises commonly used clinical terms (e.g. DAA.JK.AC ‘Tonsillectomy’).
By clicking on each axis (e.g. DAA), a pop up window will then display showing the content of the chosen axis.

<table>
<thead>
<tr>
<th>ICHI code</th>
<th>DAA.JK.AC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target</strong></td>
<td>DAA - Palatine or pharyngeal tonsil</td>
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<td><strong>Action</strong></td>
<td>JK - Excision, total</td>
</tr>
<tr>
<td><strong>Means</strong></td>
<td>AC - Per Orifice</td>
</tr>
<tr>
<td><strong>ICH descriptor</strong></td>
<td>Tonsillectomy</td>
</tr>
<tr>
<td><strong>Definition</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Inclusion Terms</strong></td>
<td>Excision of tonsil tag</td>
</tr>
<tr>
<td><strong>Excludes Notes</strong></td>
<td></td>
</tr>
<tr>
<td>Code also</td>
<td>adenoidectomy if performed (DAB.JK.AC)</td>
</tr>
<tr>
<td><strong>Excludes Notes</strong></td>
<td>destruction of tonsil (DAA.GA.AC)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Target</strong></th>
<th>DAA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title</strong></td>
<td>Palatine or pharyngeal tonsil</td>
</tr>
<tr>
<td><strong>Definition</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Incl</strong></td>
<td>lingual tonsil</td>
</tr>
<tr>
<td><strong>Excl</strong></td>
<td>adenoid (DAB)</td>
</tr>
<tr>
<td><strong>Mapping</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ICF</strong></td>
<td></td>
</tr>
</tbody>
</table>

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The following information fields assist in selecting the appropriate stem code:

- **Definition** – Provides a description of the intervention.

- **Inclusion terms** – Lists terms that should be classified to that specific stem code (may include synonyms). The lists are not exhaustive.

- **Includes notes** – Further defines or clarifies the scope of a stem code (e.g. DAA.JB.AC Drainage of tonsil or peritonsillar structures *includes* “Aspiration of peritonsillar abscess”).

- **Code also** (when performed) - Advises the user that an additional code is to be assigned when certain associated interventions are performed.

- **Excludes notes** – Lists specific interventions that are classified elsewhere in ICHI.
Extension Codes
Extension codes

- Extension codes are provided to add further detail to a stem code when needed.
- Extension codes include quantifiers, topology, additional anatomy, medicaments, and assistive and therapeutic products.

<table>
<thead>
<tr>
<th>Extension code</th>
<th>XCA3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Left</td>
</tr>
<tr>
<td>Definition</td>
<td>Left hand side of body or structure</td>
</tr>
</tbody>
</table>
Syntax used in ICHI

- Where an extension code(s) is used, the ICHI stem code is to be reported first, followed by an ampersand ‘&’, followed by the extension code(s)

- When multiple extension codes are used, they are to be separated by ‘&’

- Associated extension codes are grouped using round brackets ( )

- Interventions that are performed together are reported as:
  - Intervention 1 / Intervention 2

- Packages of interventions are reported using ‘+’ between interventions

The next slide provides some examples of ICHI code assignment
(see later slides for further specific examples)
ICH Code assignment examples

When assigning ICH codes (stem with/without extension codes) you may have any combination of the following:

- One stem code only e.g. *Neurological assessment*
  - assign AZZ.AA.AH Neurological assessment

- A stem code and extension code e.g. *Right meniscoplasty of knee*
  - MMD.ML.AA&XCA4
  - Where:
    Stem code - MMD.ML.AA Meniscoplasty of knee
    Topology extension code for laterality - XCA4 Right

- Multiple stem codes e.g. *Partial oesophagectomy with gastrostomy*
  - KBA.JJ.AA/KBF.LI.AA
  - Where:
    Stem code - KBA.JJ.AA Partial oesophagectomy
    Stem code - KBF.LI.AA Gastric bypass

- Multiple stem codes and extension codes e.g. *Assisting and leading skills for mobility of hand and finger joints and exercises for muscles of the hand*
  - MTB.PG.EC&XB11.5&XXMGJ/MUB.PG.EA&XB11.3&XXMGM
  - Where:
    Stem code - MTB.PG.EC Assisting and leading movement skills exercise for mobility of joint functions
    Additional descriptive extension – XB11.5 Movement techniques
    Additional target extension - XXMGJ Joint of hand and fingers
    Stem code - MUB.PG.EA Assisting and leading strength exercise for muscle power functions
    Additional descriptive extension – XB11.3 Strength techniques
    Additional target extension - XXMGM Muscle of hand
Let’s take a look at the ICHI Platform

https://mitel.dimi.uniud.it/ichi/
ICHI Beta-2 2019 Platform

✓ You may access the platform without registering

✓ Registered users can:

1. Contribute to the development of ICHI by commenting and proposing changes to the classification to enhance the content

2. Read other users' comments and proposals
ICHI Homepage

ICHI homepage displays the four sections for browsing on the left side, with general information on ICHI and CAVEATS on the right side:

Further information on ICHI can be accessed by clicking on the relevant link.
ICHI Sections

The broad scope of ICHI ensures coverage of interventions delivered across all sectors of the health system.

ICHI contains 27 chapters:

<table>
<thead>
<tr>
<th>Chapters</th>
<th>Interventions on…</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 12</td>
<td>Body Systems and Functions</td>
</tr>
<tr>
<td>13 - 21</td>
<td>Activities and Participation Domain</td>
</tr>
<tr>
<td>22 - 26</td>
<td>Environment</td>
</tr>
<tr>
<td>27</td>
<td>Health-related Behaviours</td>
</tr>
</tbody>
</table>

Note: Public health interventions generally have Targets in chapters 22 - 27
ICHI Components

• The ICHI Platform allows you to browse the different components of the classification: Interventions; Target; Action; Means; Extension Codes.

• Click on the heading box (e.g. ‘Interventions’ which appears on the left side of the screen) to choose to view different components of the classification, as shown below.
Once a component is selected, it can be expanded by clicking on the small triangle on the left side of the item to browse the codes available within each component.
ICH1 Components

When navigating ICH1, by clicking on any entity on the left side of the screen, the details of that entity will display on the right side of the screen.
Extension Codes

By clicking on the ‘ExtensionCodes’ component, you can browse the list of available extension codes.
Quick Search

• A quick search (located at the top of the screen) can also be performed to help users find interventions in ICHI within the following components: Interventions; Target; Action; Means and Extension codes.

• By entering a term (e.g. ‘tonsillectomy’), a search on that term is performed within titles (descriptor), definitions, inclusion terms, includes notes, code also and excludes notes.

• Alternatively, you can enter the first three letters of a term (e.g. ‘ton’) or multiple part word terms (e.g. ‘rep kn’) and a list of suggested results will display.
For example, let’s try performing a quick search to find the ICHI intervention stem code for ‘tonsillectomy’ with the component ‘ICHI’ selected.

A search results list will appear and by clicking on an ICHI intervention stem code within this list, it will be displayed on the right side of the screen. As seen below, the ICHI intervention stem code for a ‘tonsillectomy’ is DAA.JK.AC.

NB: Before selecting a stem code, check that the Target, Action and Means categories for that code are applicable to the intervention being coded.
Interventions delivered using telehealth

*Telehealth is the use of information and communications technologies to deliver healthcare*

The following extension codes are to be used where the intervention delivered involves telehealth (incl telemedicine):

- **XH01** Intervention performed with advice or assistance provided from a distant location
- **XH02** Intervention provided to recipient/s in a distant location
- **XH03** Interventions delivered via technology, without direct involvement of a human provider
Telehealth interventions involving providers at two different locations

e.g., a surgical intervention delivered by a doctor co-located with the patient and a doctor at another hospital operating robotic controls or providing advice to the co-located doctor

The intervention may be recorded at both locations, e.g., two different hospitals:

• XH01 may be used at the hospital where the patient is
• XH02 must be used at the hospital that is distant from the patient

This prevents double counting of the intervention when information is aggregated across locations
Using ICHI with ICD and/or ICF

ICHI has been designed to align where relevant with ICD and ICF, and to be used alongside both of those classifications.

- ICHI functioning targets are drawn from the ICF
- Several extension codes (medicaments, anatomy) are ICD extension codes

<table>
<thead>
<tr>
<th>ICHI</th>
<th>ICF</th>
<th>ICD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe investigative and assessment intervention(s)</td>
<td>Describe the result of investigative and assessment intervention(s)</td>
<td>Record patient’s health condition(s)</td>
</tr>
<tr>
<td>Record planned or performed therapeutic or supportive interventions to achieve goal(s)</td>
<td>Document functioning-related goals agreed upon &amp; any needs for assistance</td>
<td></td>
</tr>
<tr>
<td>At follow-up, used again to document any performed investigative and assessment intervention(s)</td>
<td>Describe the person’s functioning after provided therapeutic or supportive</td>
<td></td>
</tr>
</tbody>
</table>

The person’s functioning before and after the intervention(s) can be compared and if the functioning-related goals have been achieved, ICHI, ICF and ICD can be used together in the digital structured documentation in the electronic health record.
Using ICHI with ICD and ICF

*Example*: Patient with a communication related functioning limitation
Let’s Practice

We will now take a look at several different examples that involve the use of:

• A stem code alone;
• Multiple stem codes used together and extension codes used with stem codes

We will walk through the process of code assignment for some examples.
Examples of interventions in ICHI
Medical/Surgical interventions

- All types of diagnostic and therapeutic medical/surgical interventions are found in Section 1 across 12 body system chapters.

- The next few slides provide various examples of medical and surgical intervention codes and how to find them on the ICHI Platform.
Example 1: Insertion of a permanent percutaneous endoscopic gastrostomy (PEG) tube

• Using the ‘Quick search’ with the ‘ICHI’ option selected, type the key words ‘endoscopic gastrostomy’ into the search field. The search results will be listed and sorted by how well the text entered matches the entity in ICHI.

• Click on an ICHI intervention code in the search results to see information for that code displayed on the right side of the screen.

ICHI stem code: KBF.DL.AJ
Example 2: Unplanned repair of right inguinal hernia

• Start by searching the key words ‘repair hernia’ to find the ICHI intervention stem code for repair of an inguinal hernia.

• For this example, extension codes can be used to provide additional detail about the topology (“right”) and additional descriptive information (“unplanned intervention”). These are found by browsing the ExtensionCodes component on the left side of the screen.

ICHI stem code with extensions: PAM.MK.AA&XB03.0&XCA4
Example 3: Coronary artery bypass graft to left diagonal coronary artery and right circumflex coronary artery

<table>
<thead>
<tr>
<th>ICHI Code</th>
<th>HIA.LI.AA&amp;(XCA3&amp;XA2DD2)&amp;(XCA4&amp;XA4YJ3)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stem code</strong></td>
<td>HIA.LI.AA</td>
</tr>
<tr>
<td><strong>Topology extension</strong></td>
<td>XCA3</td>
</tr>
<tr>
<td><strong>Additional anatomy extension</strong></td>
<td>XA2DD2</td>
</tr>
<tr>
<td><strong>Topology extension</strong></td>
<td>XCA4</td>
</tr>
<tr>
<td><strong>Additional anatomy extension</strong></td>
<td>XA4YJ3</td>
</tr>
</tbody>
</table>

Combined extension codes should be grouped using round brackets ( ), for example, the coronary artery bypass graft was to the left diagonal artery and right circumflex coronary artery, therefore the extension codes for ‘left’ and ‘diagonal artery’ are grouped together and the extension codes for ‘right’ and ‘circumflex artery’ are also grouped together using round brackets. The group of extension codes are then combined using the & syntax.
Example 4: Total oesophagogastrectomy

<table>
<thead>
<tr>
<th>ICHI Code</th>
<th>KBF.JK.AA/KBA.JK.AA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem code</td>
<td>KBF.JK.AA</td>
</tr>
<tr>
<td>Stem code</td>
<td>KBA.JK.AA</td>
</tr>
</tbody>
</table>

When multiple ICHI interventions are delivered and are represented by stem codes only, the first stem code is separated from the second stem code by a slash ‘/’. 
Example 5: Laparoscopic cholecystectomy with ERCP

<table>
<thead>
<tr>
<th>ICHI Code</th>
<th>KCF.JK.AB</th>
<th>KCO.BA.BB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem code</td>
<td>KCF.JK.AB</td>
<td>Laparoscopic cholecystectomy</td>
</tr>
<tr>
<td>Stem code</td>
<td>KCO.BA.BB</td>
<td>Endoscopic retrograde cholangiopancreatography</td>
</tr>
</tbody>
</table>

Two or more independent interventions performed on the same date, or on different dates, are not to be reported as interventions performed together.
**Example 6: Percutaneous transluminal angioplasty of left lower leg artery and percutaneous transluminal angioplasty of right lower leg artery with insertion of two stents**

<table>
<thead>
<tr>
<th>ICHI Code</th>
<th>IFA.LG.AF&amp;XCA3/IFA.LH.AF&amp;XAC4&amp;XT01.24</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stem code</strong></td>
<td>IFA.LG.AF</td>
</tr>
<tr>
<td></td>
<td>Percutaneous transluminal angioplasty of artery of lower limb</td>
</tr>
<tr>
<td><strong>Topology extension</strong></td>
<td>XCA3</td>
</tr>
<tr>
<td></td>
<td>Left</td>
</tr>
<tr>
<td><strong>Stem code</strong></td>
<td>IFA.LH.AF</td>
</tr>
<tr>
<td></td>
<td>Dilatation with insertion of stent or prosthesis of artery of lower limb</td>
</tr>
<tr>
<td><strong>Topology extension</strong></td>
<td>XAC4</td>
</tr>
<tr>
<td></td>
<td>Right</td>
</tr>
<tr>
<td><strong>Therapeutic product extension</strong></td>
<td>XT01.24</td>
</tr>
<tr>
<td></td>
<td>Endovascular stent</td>
</tr>
</tbody>
</table>

ICHU stem codes that have associated extension codes can be performed together. The syntax (&) is used for recording an extension code with the stem code to which it is applicable. The stem codes with their associated extension code(s) are then clustered using ‘/‘.
Example 7: Routine vaccination

ICH stem code: DTB.DB.AE

<table>
<thead>
<tr>
<th>ICHI code</th>
<th>DTB.DB.AE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>DTB - Immunological system function</td>
</tr>
<tr>
<td>Action</td>
<td>DB - Application of substance</td>
</tr>
<tr>
<td>Means</td>
<td>AE - Percutaneous</td>
</tr>
<tr>
<td>ICHI descriptor</td>
<td>Percutaneous administration of immunological agent</td>
</tr>
</tbody>
</table>

**Definition**

Inclusion Terms: Immunotherapy via injection; Vaccination, NOS; Vaccine injection

**Includes Notes**

**Code also**

**Excludes Notes**

oral immunisation (DTB.DB.AC); intravenous immunotherapy (DTB.DB.AF)
Example 8: Blood pressure measurement

ICHI stem code: ITA.AB.AF
Where to find functioning interventions

Functioning interventions are found in all four sections of ICHI. They include interventions that target:

- Body functions
- Activities and participation domains
- Environment
- Health-related behaviours
Searching for functioning intervention codes in ICHI

• Type search terms into the search box, or

• Browse by Target, Action or Means

• Familiarise yourself with the Targets, Actions and Means most applicable for functioning interventions
Hierarchical structure of ICHI Targets

Categories from the WHO *International Classification of Functioning, Disability and Health* (ICF) are used as Target categories in ICHI.

These Targets are hierarchically nested:

- **ICF chapter-level** Target codes have two letters followed by the numeral ‘1’
- **ICF block-level** Target codes have two letters followed by the numeral ‘2’
- **ICF 3-digit** Target codes have three letters
ICHl Targets based on ICF categories

Click on the ‘Mapping ICF’ link to see the definition of the ICF category in the online ICF Browser

<table>
<thead>
<tr>
<th>ICHI code</th>
<th>ATD.AC.ZZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>ATD - Orientation functions</td>
</tr>
<tr>
<td>Action</td>
<td>AC - Test</td>
</tr>
<tr>
<td>Means</td>
<td>ZZ - Other and unspecified means</td>
</tr>
<tr>
<td>ICHI descriptor</td>
<td>Test of orientation functions</td>
</tr>
<tr>
<td>Definition</td>
<td>Using a questionnaire, rating scale or other instrument to test functions of time, to place, to self, to others, to objects and to space</td>
</tr>
<tr>
<td>Inclusion Terms</td>
<td>NAB Orientation test (Stern and White); Neuropsychological Assessment Battery Orientation test</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Target</th>
<th>ATD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Orientation functions</td>
</tr>
<tr>
<td>Definition</td>
<td></td>
</tr>
<tr>
<td>Incl</td>
<td></td>
</tr>
<tr>
<td>Excl</td>
<td>b114</td>
</tr>
</tbody>
</table>
Example 9: **Transcutaneous Electrostimulation (TENS) for pain**

**ICHI stem code:** AXA.SC.BP
Example 10: Skills training in preparing meals

ICH1 stem code: SOA.PH.ZZ
Example 11: Family counselling

ICHI Code: SSJ.PP.ZZ
Using ‘/’ to represent interventions performed together

When more than one ICHI code is needed to describe a functioning intervention, multiple codes can be recorded separated by ‘/’ (slash)

e.g., *Training in eating and drinking*

SMF.PH.ZZ/SMG.PH.ZZ

SMF.PH.ZZ  Training in eating

SMG.PH.ZZ  Training in drinking
Using ‘+’ to represent a package of interventions

The ‘+’ syntax can be used to describe a package of functioning interventions, such as a rehabilitation treatment package.

e.g., Prescription and training in use of assistive or adaptive device, aid or equipment for communication

\[
\text{UAF.TI.ZZ+UAF.PH.ZZ}
\]

UAF.TI.ZZ Prescription of products and technology for communication

UAF.PH.ZZ Training in the use of products and technology for communication
Use of ‘assistive products’ extension codes

• Interventions involving assistive products are in the Environment section of ICHI

• The ‘Assistive products’ extension codes can be used to record the type of assistive product

* e.g., *Prescription of wheelchair (manual)*

<table>
<thead>
<tr>
<th>ICHI Code</th>
<th>UAE.TI.ZZ&amp;XP245.10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem code</td>
<td><strong>UAE.TI.ZZ</strong></td>
</tr>
<tr>
<td></td>
<td>Prescription of products and technology for personal indoor and outdoor mobility and transportation</td>
</tr>
<tr>
<td>Assistive products</td>
<td><strong>XP245.10</strong></td>
</tr>
<tr>
<td></td>
<td>Manual wheelchairs, other and unspecified</td>
</tr>
</tbody>
</table>
Public health interventions in ICHI

• All types of public health interventions are covered

• Combinations of ICHI codes can be used to describe multi-component interventions
Targets for public health interventions

*Examples:*

- **UAB**: Food safety and security
- **UBL**: Indoor air quality
- **UBQ**: Animals as vectors of disease
- **VAA**: Alcohol use behaviours
- **VBB**: Family and partner violence behaviours
- **VCB**: Workplace safety behaviours
- **VEB**: Physical activity behaviours
- **VFS**: Health literacy
Actions for public health interventions

*Examples:*

- AA  Assessment
- PM  Education
- RF  Providing opportunities for participation
- TM  Environment modification
- VE  Infection control measures
- WC  Restrictions on the sale or distribution of products
- WG  Applying incentives
- WJ  Policy change
Means for public health interventions

*Examples:*

QD  Enactment
QE  Enforcement
QF  Economic instruments
ZZ  Other and unspecified means

The Means category ‘ZZ’ is used for many public health interventions in ICHI
Where to find public health interventions

There is no separate public health section within ICHI

Most public health interventions are found in:

- **Section 3** Interventions on the Environment, and

- **Section 4** Interventions on Health-related Behaviours

However, codes from elsewhere in ICHI may be used to describe public health interventions
Searching for public health intervention codes in ICHI

- Type search terms into the search box, or

- Browse by Target, Action or Means

Familiarise yourself with the Targets, Actions and Means most applicable for describing public health interventions
**Example 12: Implementing a policy to limit air pollution in residential areas**

**ICHI stem code: UBM:WJ.ZZ**
Example 13: Enforcing bans on alcohol advertising at sporting events

ICHI stem code: VAA.WD.QE
Using ‘/ ’ to represent interventions performed together

When more than one ICHI code is needed to describe a public health intervention, multiple codes can be recorded separated by ‘/ ’ (slash)

\[ \text{e.g., Educational theatre performance about the importance of healthy eating and physical activity} \]

\[ \text{VEA.PM.ZZ/VEB.PM.ZZ} \]

VEA.PM.ZZ  Education to influence eating behaviours

VEB.PM.ZZ  Education to influence physical activity behaviours
Using ‘+’ to represent a package of interventions

To describe a multi-component intervention, multiple codes are recorded separated by ‘+’ (plus)

\textit{e.g., Intervention to promote responsible drinking by young nightclub patrons by (i) making physical changes to the venue, and (ii) providing rewards for drinking responsibly}

\textbf{VAA.TM.ZZ+VAA.WG.ZZ}

VAA.TM.ZZ Environment modification to influence alcohol use behaviours

VAA.WG.ZZ Non-economic incentives to encourage improved health behaviours relating to alcohol use
For further information on the use of ICHI Beta-2 2019, select the relevant heading on the right side of the screen of the ICHI homepage.

ICHICHI Beta-2 2019

Welcome to the browser for the International Classification of Health Interventions Beta-2 2019.

You can browse the ICHI proposed content here.

Here you can find further information:

- ICHI Beta-2 2019
- Acknowledgements
- Introduction
- Draft ICHI Guidelines
- ICHI Platform User Guide