

**INPRO ICF Basic course**  
**ICF codes and qualifiers**

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Project number: 621428-EPP-1-2020-1-NI-EPPKA2-KA  
Start date: Jan 1, 2021  
End date: Dec 31, 2023

Date: December 14<sup>th</sup> 2023  
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The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Co-funded by the  
Erasmus+ Programme  
of the European Union




I'm Anu Myllyharju-Puikkonen. Now we move on to the ICF codes and qualifiers.

This video is designed to complement the ICF e-learning material, so you can use it alongside the e-learning tool. I hope this helps you when learning ICF.

Remember to take notes, if you don't understand something. There will be time in the ICF reflection seminar or webinar to go over any unclear issues.

### ICF code



- After this session you will recognize the ICF code
  - In which component
  - In which level of the category
- You will understand the value of the ICF codes

Source of the slides: the ICF Research Branch and the ICF workshop in 2014.

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The purpose of these slides and video is to explain to you what ICF codes and qualifiers are and why you should learn them.

### Using ICF codes

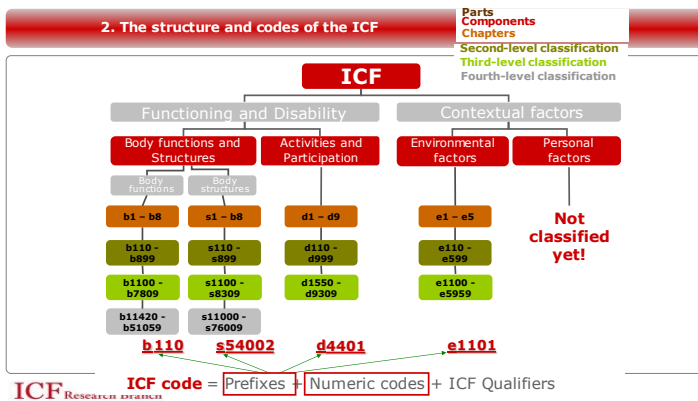


- It is not defined anywhere yet, how the ICF-codes should be used.
- Electronic social and health care record systems mainly do not support the usage of ICF codes yet.
- You can see a few examples, how the ICF-codes have utilized in different countries (see the ICF Introduction and Motivation slides)

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Why do I need to learn ICF codes? ICF codes are a common language between different professionals, different disciplines and different countries when we document information about functioning. Even though our patient or client record systems do not “speak ICF” or do not support the use of ICF yet, they

will do that in the future. You can go back to Introduction slides to see some examples of practice from Finland.



Here you can see the structure of the ICF tree. ICF consists of two parts and five components. ICF components consist of domains/chapters and categories at different level. There are four levels of Body Functions and Body Structures, three levels of Activities & Participation, and three levels of Environmental factors too.

The units of ICF classification are categories, for example d550 eating and b134 sleep functions.

One code includes: prefix (letter b=body, s=structure, d=domain, e= environmental factors) followed by a numeric code and a qualifier or qualifiers.

### ICF codes

- You can find an electronic ICF (in English) <https://icd.who.int/dev11/l-icf/en>
- Go to WHO-FIC Maintenance Platform and take a look at categories
  - Press you will get the next level



International Classification of Functioning, Disability and Health (ICF)

- ICF Category
  - Body functions
  - Activities and participation
    - Learning and applying knowledge
    - General tasks and demands
    - Communication
    - Mobility
    - Self-care
    - Domestic life
    - Interpersonal interactions and relationships
    - Major life areas
    - Community, social and civic life
  - Environmental factors
  - Body structures
  - Other specified ICF Category
  - ICF Category, unspecified
- ICF Qualifier

The WHO-FIC maintenance Platform (in English) helps you to familiarise yourself with the structure and the categories of ICF. Please, go to the web page and go through each component and domain. If the ICF is available in of your own language, please look at them side by side. You can also try typing something in the search field. So, the aim is to become more familiar with the contents of the ICF.

## ICF qualifiers

- When using ICF codes, should you use at least one qualifier. Without qualifier/s the ICF code has no inherent meaning.
- The qualifier express magnitude of the health or severity of the problem at issue.
- There are a common scale for quantifying the problem or support.



D5202.13



E310+4

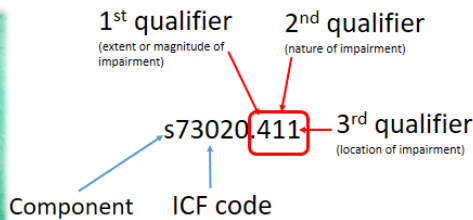


Pictures: Microsoft 366 Stock Image: Library

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The ICF code is complete only if it contains a qualifier, and each code must contain at least one qualifier. The qualifier provides information on functioning status: magnitude, location and nature of the problem.

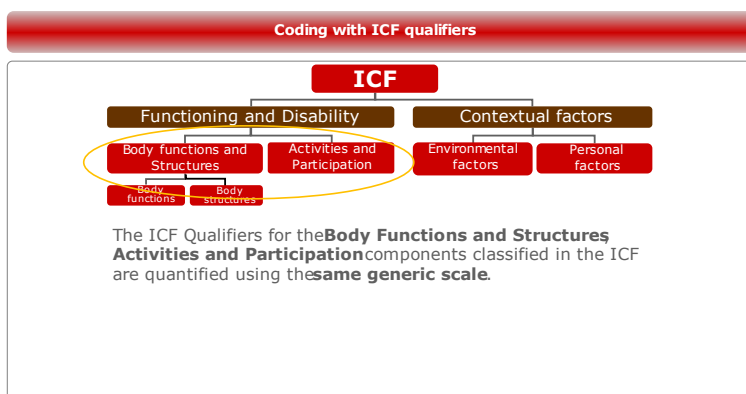
## ICF qualifiers



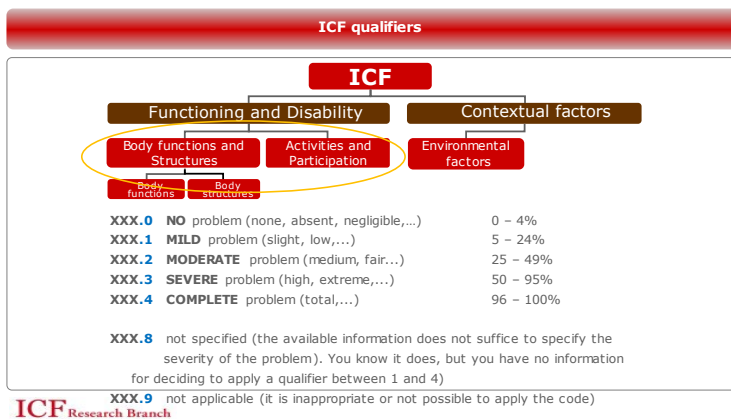
= There are totally absence of hand bones on the right side



Here you can see the example. Qualifiers can be operationalised in two ways: by converting data collected with the assessment tools, used with the person, into the appropriate categories and qualifiers; or by coding the clinical finding e.g. observation or interview directly into ICF categories and qualifiers. In most cases, only one qualifier (the first) qualifier is used.



There are same generic scale for ICF qualifiers in Body Functions and Structures, Activities and Participation, and Environmental factors.



Here you can see the scale: qualifier 0 (zero) when there is no problem, like the normal situation.....(read the slide)... Qualifier 8 can be used if you know there is a problem, but do not know if the problem is mild or severe.

These qualifiers can be also understood and used concerning the time period. For example, qualifier 2 means that 25% to 49% of the time the person has problems to do something.

### How ICF can be used to assess the functional status?

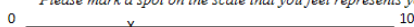


The information gathered through clinical observation or with assessment tools can be translated into ICF categories to describe functional status. Examples:

1. By interviewing the person. How the person describes the functioning. "I have slight problems to...."

→ ICF qualifier .1

2. Utilizing VAS-scale (100 mm arrow and pen, where 0= no problem 10=severe problem). "Please mark a spot on the scale that you feel represents your current symptoms."



35 mm = .2 (25% - 49%)

3. The other measures / questionnaires / evaluation methods. Consider:

- is there a single category or many categories assessed?
- the grading system may be different in the questionnaire you use

Here are some examples of how the qualifiers can be used in different situation.

### ICF qualifier for activities and participation



#### Performance

Describes what an individual does in his current environment. This takes into account the environmental factors – all aspects of the physical, social and attitudinal world.



**s7501.412**  
= **Complete** impairment with **total absence** of structures of **left** lower leg

**d4552. 04**  
= Running

#### Capacity

Describes an individual's ability to execute a task or an action in a standard environment; this indicates the highest probable level of functioning that a person may reach.




Activities and Participation can be described by two qualifiers, based on the generic qualifier and the constructs of performance and capacity. The first, performance, describes what a person does in his or her actual environment. The second, capacity, describes limitations without assistance measured in a uniform or standard environment. The performance of the action reflects a person's involvement in life situations in the real-life setting.

The first code, beginning with the letter s, describes what is the situation concerning body structures.

The second code, beginning with the letter d, describes the activity and participation how the person can run.


**Effects of Environmental factors**

**Performance**



Example  
d150.31 learning  
to calculate

**Capacity**



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These constructs can be used to express the effects of the environment very nicely. Here is the situation, where a child can concentrate well in a separate, quiet room (capacity), but when she is in a classroom, she has great difficulty because she is distracted by a noisy environment.

That is very nice way to show for policy makers that what could be solution for the patient /client, that is how we should consider the environment.

**ICF qualifiers**

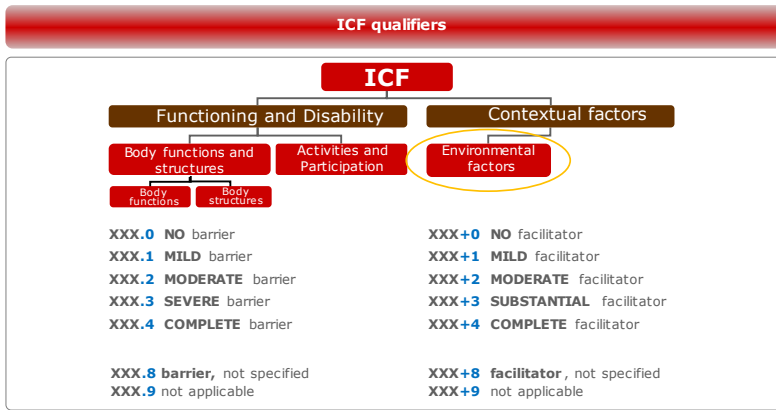
**ICF**

Functioning and Disability		Contextual factors	
Body functions and Structures	Activities and Participation	Environmental factors	Personal factors
body functions	body structures		

In the case of **environmental factors**, the first qualifier can be used to denote either the extent of positive effects of the environment, i.e. **facilitators**, or the extent of negative effects, i.e. **barriers**. To denote facilitators the point is replaced by a plus sign.

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The environment may have a significant impact on a person’s functioning, and it is essential to record the extent to which the environment enables or restricts a person’s functioning. When an environmental factor improves functioning, it is coded as a facilitator with + sign; when it restricts functioning, it is coded as a barrier with a point.



Same generic scale from 0 to 4 (zero to four) and number 8 is used.

In the INPRO project the ICF Implementation material is available too, please go to webpage <http://www.inproproject.eu>

Thank you for listening!