The International Classification of Functioning, Disability and Health (ICF)

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ICF

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6. Reference Framework and Structure for analysis + examples
1. WHO-FIC Family Picture

Related classifications

- International Classification of Primary Care (ICPC)
- International Classification of External Causes of Injury (ICECI)
- The anatomical Therapeutic Chemicals classification system with Defined Daily Doses (ATC)
- ISO9999 Technical aids for persons with disabilities
- International Classification of Nursing Practice (ICNP)

REFERENCE Classifications

Derived classifications

- ICD for Oncology, Third Edition (ICD-O-3)
- The ICD-10 Classification of Mental and Behavioural Disorders
- Application of the ICD to Dentistry and Stomatology (ICD-DA)
- Application of the ICD to Neurology (ICD-10-NA)
- ICF Version for Children and Youth (ICF-CY)
The International Classification of Functioning, Disability and Health (WHO, 2001) provides a comprehensive, universal and globally accepted model and taxonomy to describe functioning.
2. Introduction – Need for the ICF

1. Functioning & disability encompass the human experience at the level of **body functions** and **structures, activities and participation** in the context of environmental and personal factors.

2. Functioning & disability are **multi-dimensional** and represent a **continuum**.

3. Functioning may **differ** between people with **the same health condition**, may be **similar in persons with different health condition**.

4. The description of functioning is the starting point for any approach to achieve or maintain optimal levels of functioning in individuals and populations.
2. Introduction – Need for the ICF

Functioning & Disability are related to a variety of factors:

- the person’s health condition
- the person’s resources
- the environment in which the person lives
ICF

1. Establishes a **common language**
2. Provides a **systematic coding scheme**
3. Provides a **scientific basis** for understanding health
4. Enables **data comparison**
5. Stimulates the **development of services**
4. The ICF integrative Bio-Psycho-Social Model of functioning and disability

- **ICF** is an *universal model* and *applies to all people* irrespective of their culture, health condition, gender, or age. Instead of making disability a distinguishing mark of a discrete minority group, the **ICF** describes *all* the domains of functioning and disability that are applicable to everyone.
4. The ICF integrative Bio-Psycho-Social Model of functioning and disability

- ICF has moved away from being a consequence of disease classification to become a components of health classification.
4. The ICF integrative Bio-Psycho-Social Model of functioning and disability

Health condition

Functioning and disability

= results of the interaction between a person with a health condition and both personal and environmental factors

Environmental factors

Personal factors
5. Functioning and Disability

Functioning and Disability

Body Functions and Structures (Impairments) Activities (Activity-limitations) and Participation (Participation-restrictions)

Contextual Factors

Environmental Factors (Facilitators & Barriers) Personal Factors (Facilitators & Barriers)

• Each component consists of various chapters and, within each chapter, categories, which are the unit of classification.
6. Reference Framework and structure for analysis

For reasons of International comparability of questionnaires and data we use:

**Reference Framework**

*ICF components as presented*

**Structure for analysis**

*Disability definition*

*Introductory phrase/question*

*Screening question*

*Disability questions/items*

*Response categories*

*Other relevant items*
Example of analysis

Oman Census 2003

Disability definition

- 

Introductory phrase/question

- 

Screening question
Does any member of the household suffer from physical or mental difficulties in performing his/her regular activities at home], school or work? no/yes

Disability questions/items

See table

Response categories

- 

Other relevant items

See next slide
Example of analysis

Oman Census 2003

*Other relevant items*

**Frequency of difficulty**
1. always
2. sometimes

**Reason of difficulty**
1. congenital
2. disease
3. traffic accident
4. work injury
5. mishap
6. elderly
7. other reasons

**Period of start of suffering**
1. less than 6 months
2. 6 months or more
## Oman Census 2003
### Disability questions/items

<table>
<thead>
<tr>
<th>Disability questions/items</th>
<th>ICD</th>
<th>ICF-Function</th>
<th>ICF-Structure</th>
<th>ICF-Activity</th>
<th>ICF-Participation</th>
<th>ICF-Environmental Factors</th>
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Observation: * indicates 3 out of 6 WG short set questions (no self care, no mental functions and no communication)
International comparing

Comparing countries with the ICF

Example from 22 Caribbean countries
Caribbean Countries (22)
Disability questions/items

- Mental functions: 11
- Concentrating: 14
- Remembering: 16
- Emotional functions: 7
- Thought functions: 2
- Seeing functions: 22
- Hearing functions: 22
- Voice functions: 3
- Movement related functions: 3
- Structures of head and neck: 1
- Structures of upper extremities: 5
- Structures of lower extremities: 5
- Structures of trunk: 1

Frequency (out of 22)
Caribbean Countries (22)
Disability questions/items

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<tr>
<th>Activity</th>
<th>Count</th>
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<tr>
<td>assistive products for communication</td>
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