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

Marijke de Kleijn-de Vrankrijker
Huib Ten Napel
UNSD - consultants
Dutch WHO-FIC Collaborating Centre
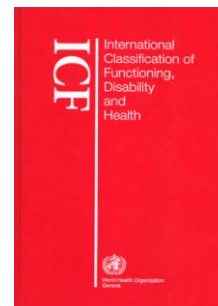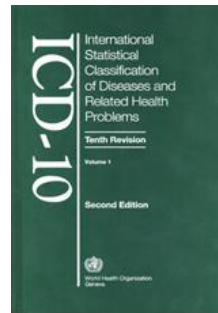
ICF

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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)**
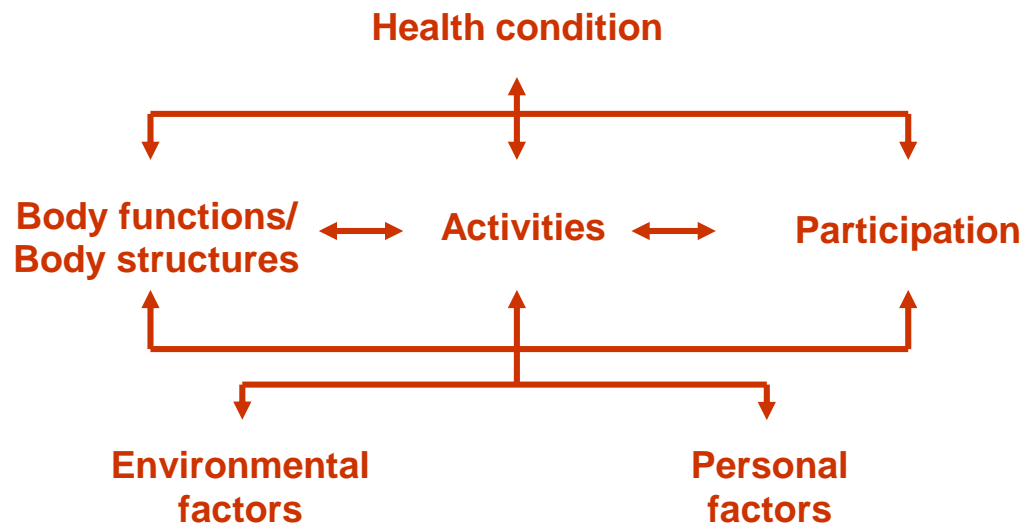
REFERENCE Classifications

ICD-10 — International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Volume 1, Second Edition, World Health Organization Geneva

ICF — International Classification of Functioning, Disability and Health, World Health Organization Geneva

ICHI — International Classification of Interventions, World Health Organization Geneva

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)**

2. Introduction – Need for the ICF

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

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

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3. Aims of the ICF

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

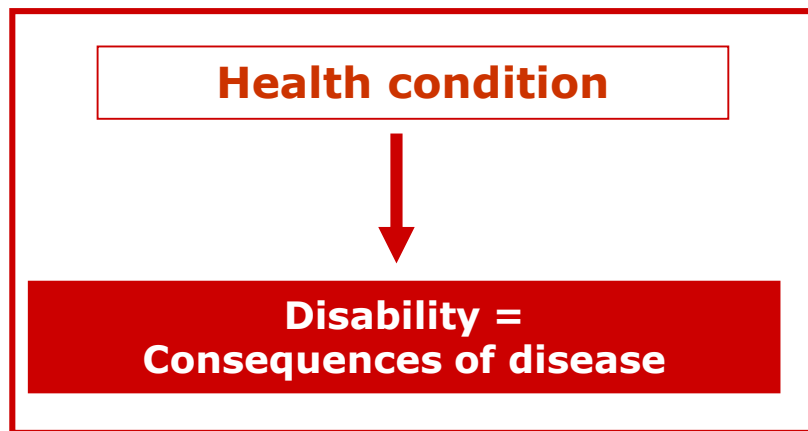- ICF is an **universal model** and **applies to all people** irrespective of their culture, health condition, gender, or age. Instead of making disability a distinguishing mark of a discrete minority group, the ICF describes *all* the domains of functioning and disability that are applicable to everyone.

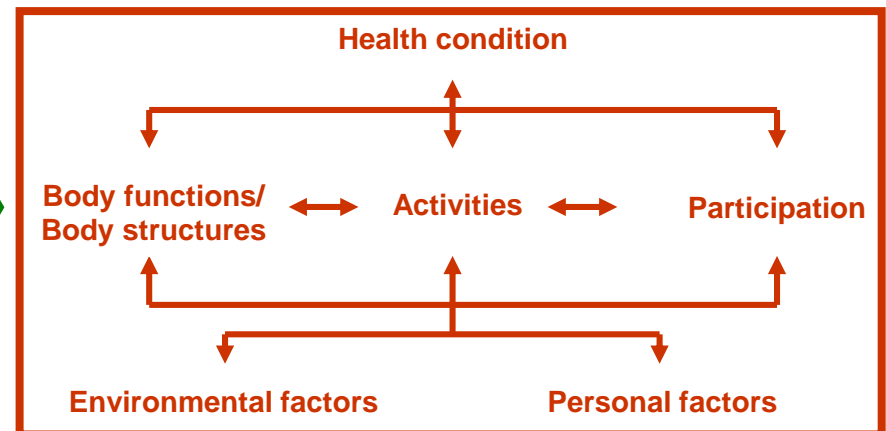- ICF has moved away **from** being a **consequence of disease** classification **to** become a **components of health** classification.
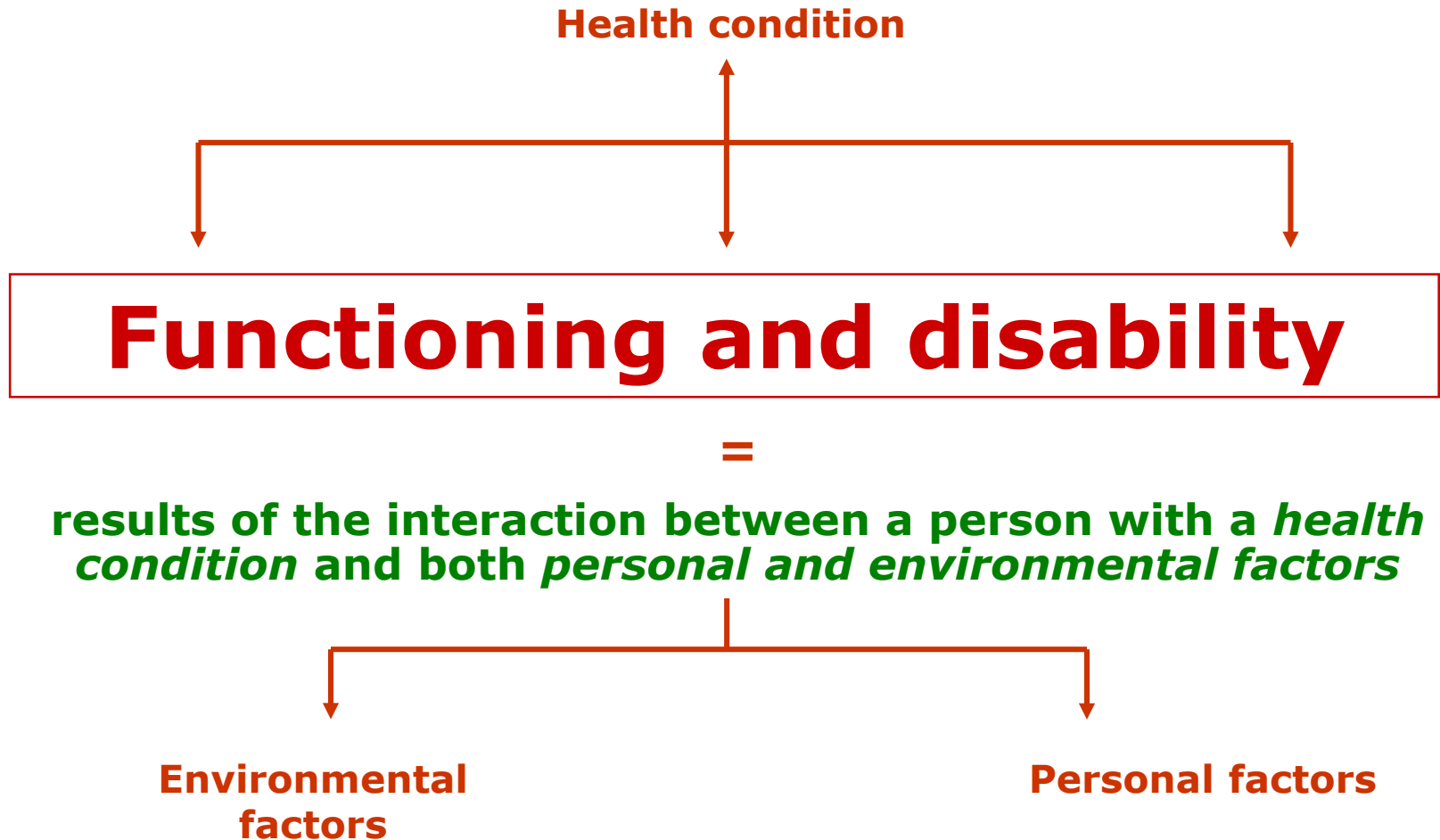

Medical model

Integrative Bio-Psycho-Social model

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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

Romania Census 2011

Disability definition

-

Introductory phrase/question

-

Screening question

Does person encounter any difficulties in carrying out his/her daily activities (at school, at work, at home, etc.? no/yes

Disability questions/items

See table

Response categories

1 no difficulties
2 not too significant
3 significant
4 completely inability

Other relevant items

See next slide

Example of analysis

Romania Census 2011

Other relevant items

Cause of the difficulties (only for the persons who declared they have difficulties).

1 hereditary
2 at birth
3 following an illness
4 work accident
5 road accident
6 other

Romania Census 2011
Disability questions/items

Disability questions/items	ICD	ICF-Function	ICF-Structure	ICF-Activity	ICF-Participation ←	ICF-Environmental Factors
Eyesight difficulties (even if the person wears glasses or lenses)	-	b210*				e1251*
seeing						
Hearing difficulties, even if the person uses hearing aid		b230*				e1251*
Difficulty to walk/ climb stairs				d450* d4551*		
Memory or concentration difficulties		b144* b140*				
Self-care difficulties				d5*		
Communication difficulties				d3*		
Difficulties implies: Some qualifier						

Observation: * indicates 6 out of 6 WG short set questions (but not exactly the same questions)
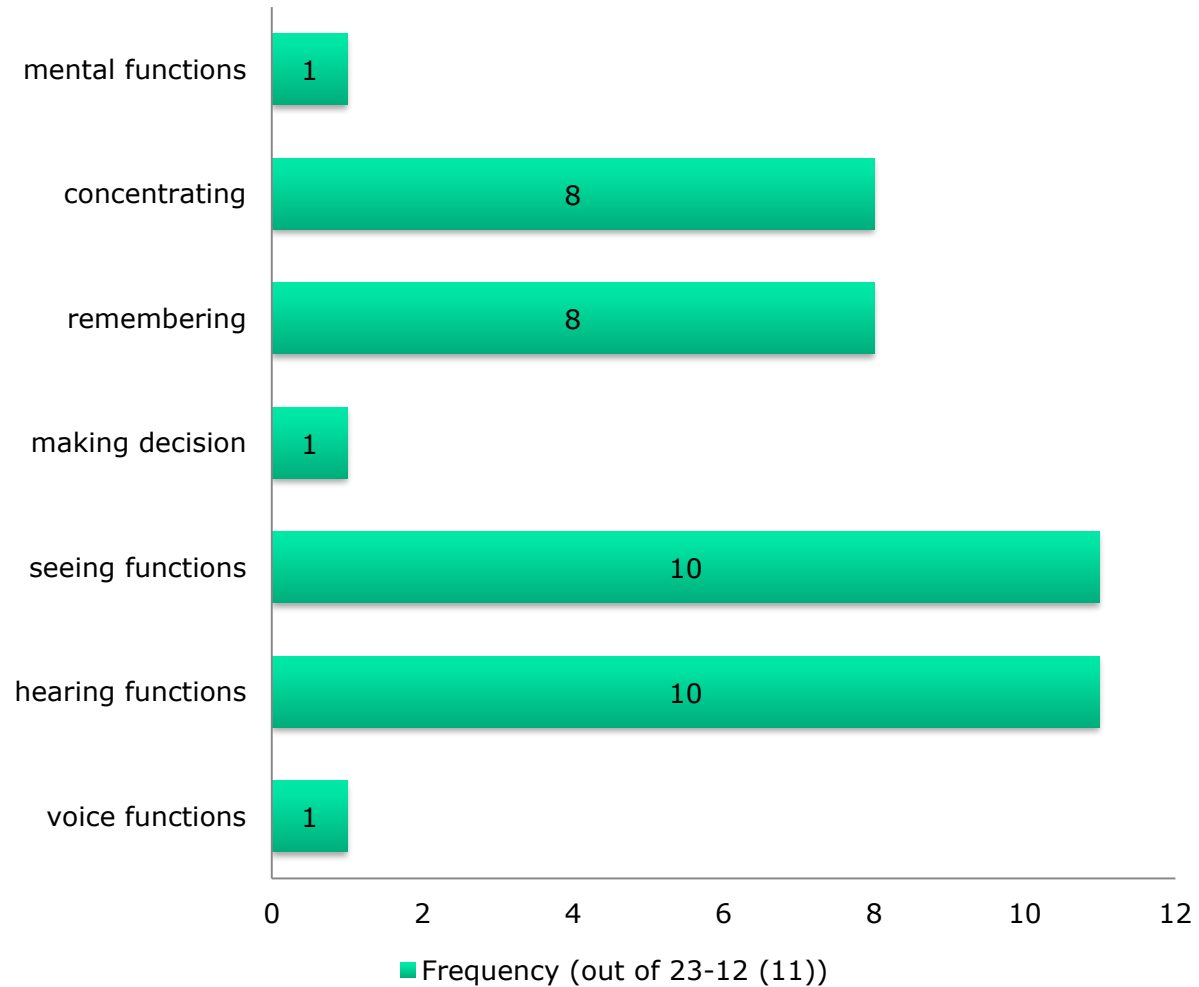
International comparing

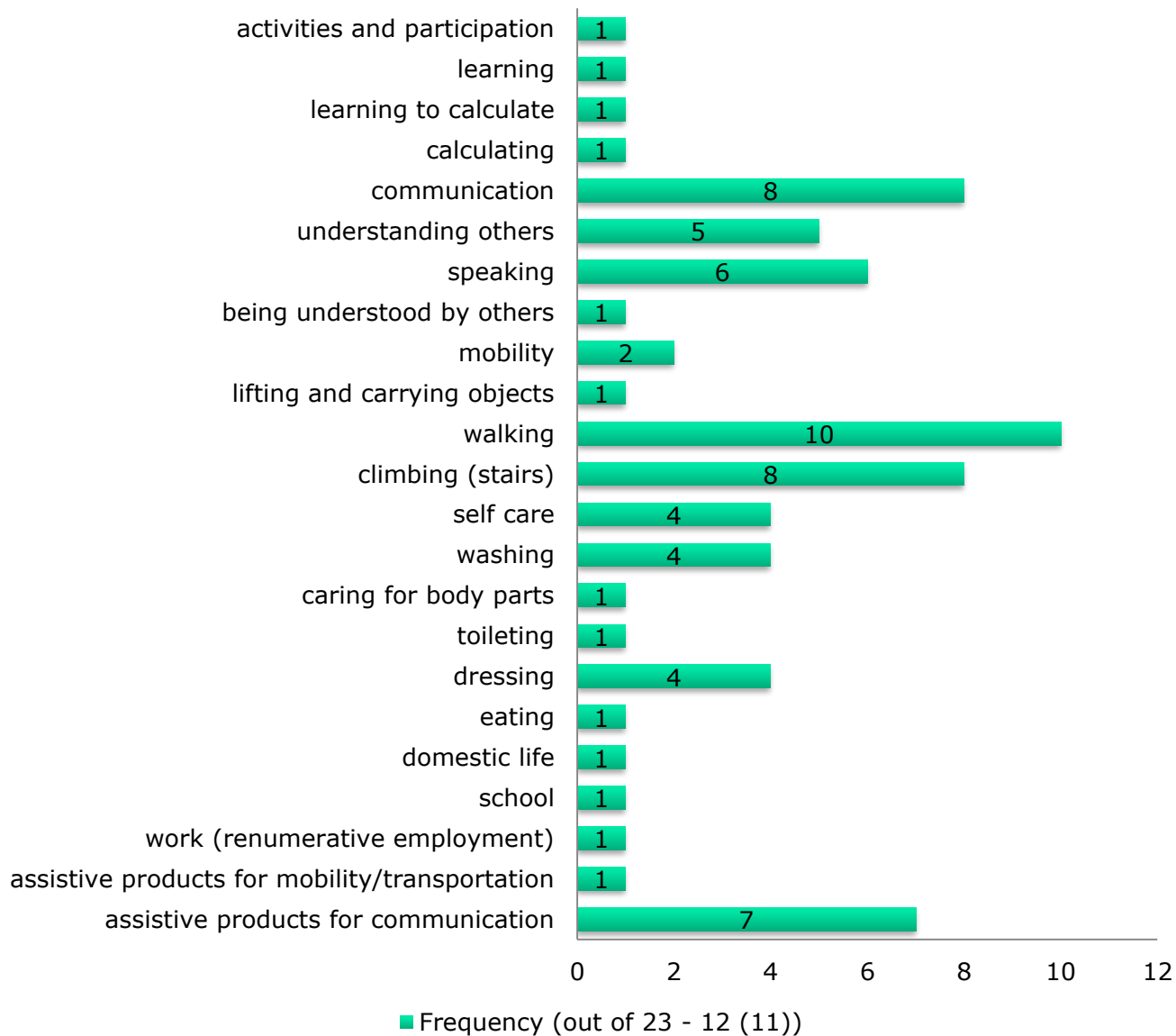## Comparing countries with the ICF

Example from 11 (23-12) countries

11 (23-12) Countries
Disability questions/items

Bar chart — Frequency (out of 23 - 12 (11))

Item	Frequency
activities and participation	1
learning	1
learning to calculate	1
calculating	1
communication	8
understanding others	5
speaking	6
being understood by others	1
mobility	2
lifting and carrying objects	1
walking	10
climbing (stairs)	8
self care	4
washing	4
caring for body parts	1
toileting	1
dressing	4
eating	1
domestic life	1
school	1
work (renumerative employment)	1
assistive products for mobility/transportation	1
assistive products for communication	7

Tack

Vielen Dank

Obrigado

RAKHMET

Merci

ありがとうございます

Bedankt

Takk

感謝您

Terima Kasih

谢谢

Grazie

ขอบคุณ

Спасибо

Thank You

Kiitos

شكرا

Tak

Teşekkür Ederiz

감사합니다

Gracias

Dziękujemy

Σας ευχαριστούμε