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

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ICF

Contents:

1. WHO Family of International Classifications (FIC)
2. Introduction - Need for the ICF
3. Aims of the ICF
4. The ICF Integrative Bio-Psycho-Social model of functioning and disability
5. Functioning and Disability
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
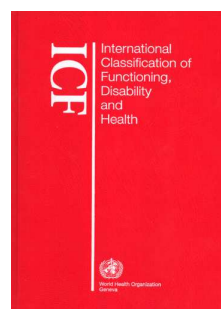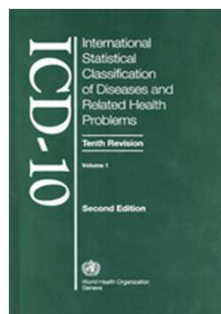
Derived classifications

• 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)**

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.
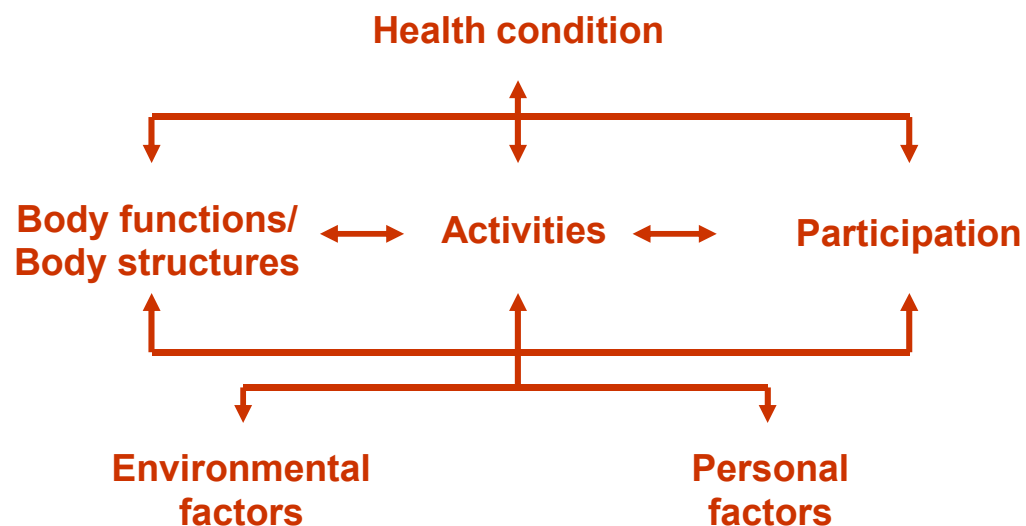
2. Introduction – Need for the ICF

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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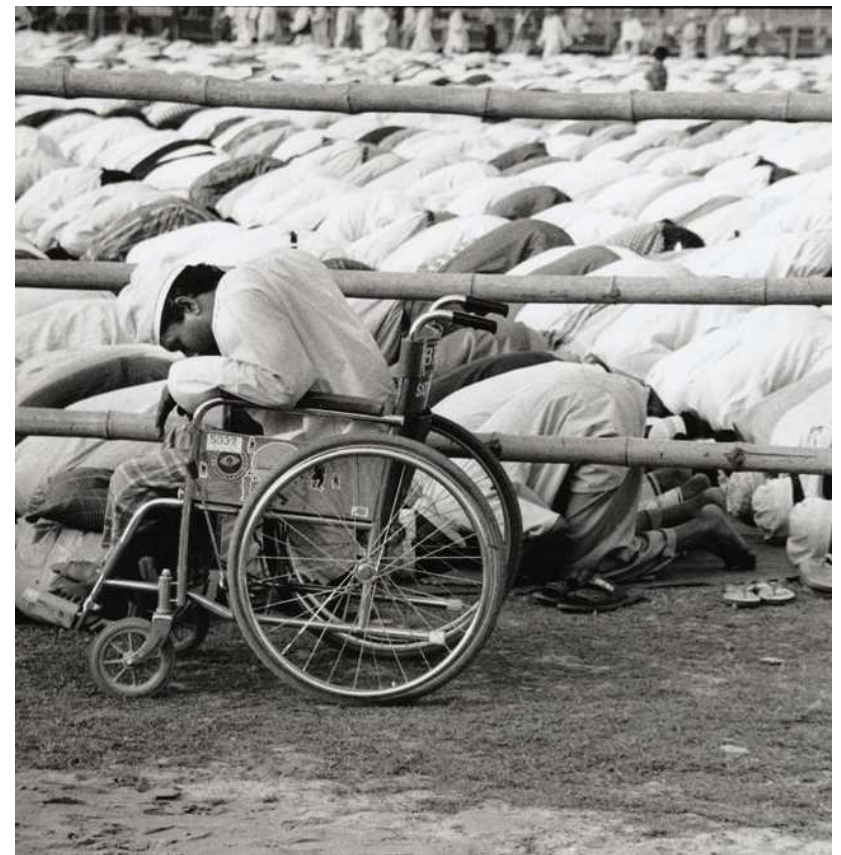
ICF

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.
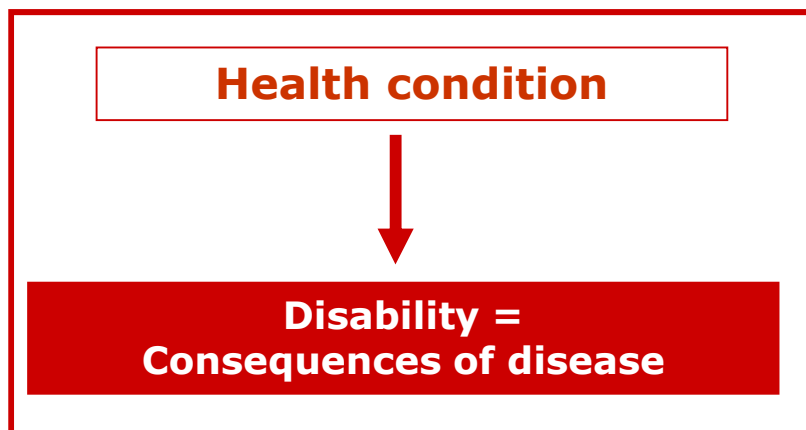
Medical model
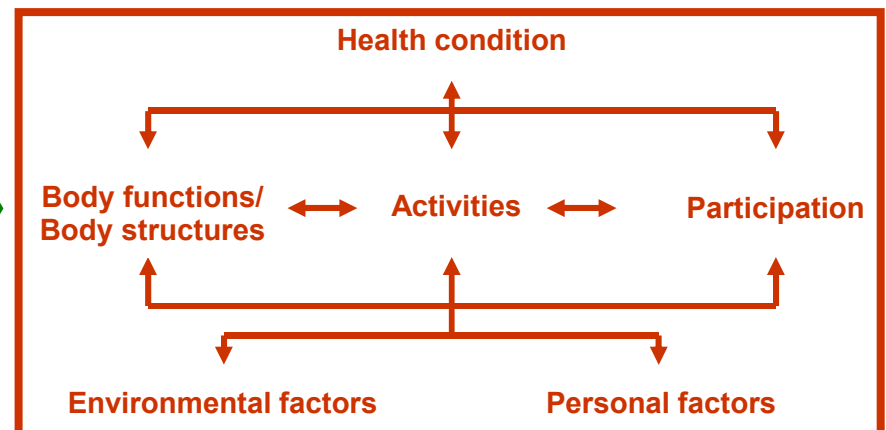
Integrative Bio-Psycho-Social model

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
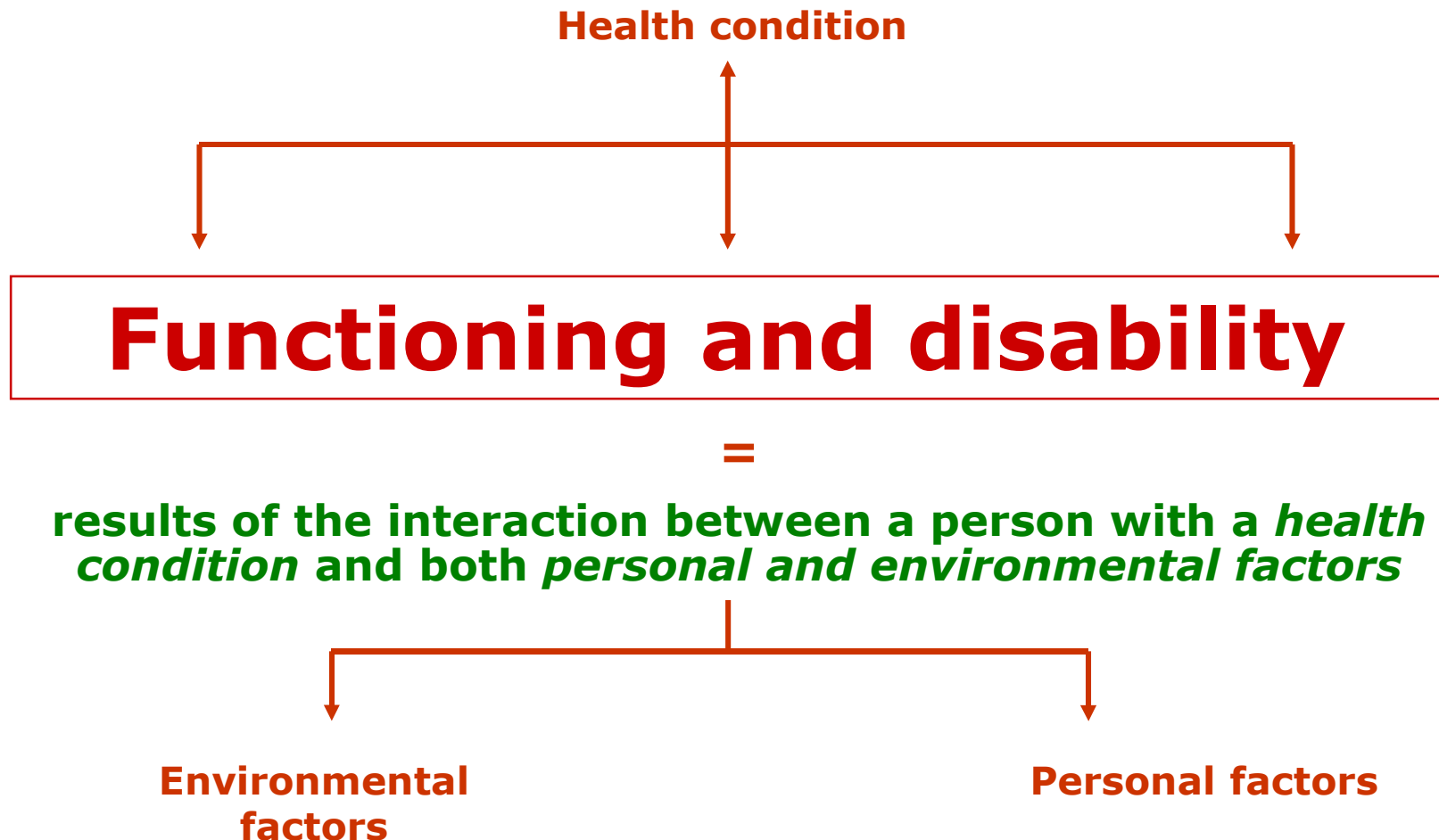
5. Functioning and Disability

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

Disability questions/items	ICD	ICF-Function	ICF-Structure	ICF-Activity	ICF-Participation ←	ICF-Environmental Factors
Field of difficulty, max 3	-					
seeing		b210*				
hearing		b230*				
speaking				d330*		
hearing and speaking		b230*		d330*		
learning				d1		
inability to control behavior	Chapter V	b147?+ qualifier		d7102?+ qualifier		
moving from one place to another				d450*-d469		
body moving				d4		
gripping and holding things				d440 d430?		
personal care				D5		
other	-					

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

Item	Frequency (out of 22)
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

Item	Value
learning and applying knowledge	17
communication	19
'understanding'	6
speaking	21
mobility	10
squating	2
kneeling	2
standing	3
lifting	2
carrying	2
gripping	6
walking	20
climbing stairs	17
reaching	3
moving around	5
selfcare	17
washing	8
dressing	8
eating	1
looking after ones health	1
domestic life	1
shopping	1
education	4
employment	6
community, social and civic life	2
recreation and leisure	2
assistive product/mobility	1
assistive products for communication	19

Tack

Vielen Dank

Obrigado

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