

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



Day 2

ICF Train-the-Trainer Workshop

ICF Research Branch


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As a trainer, you will be able to..

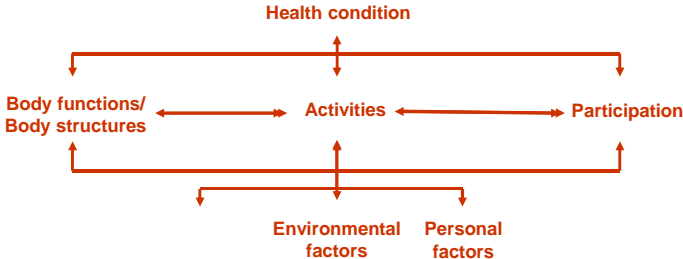
- review the content of the first day's modules in an interactive way
- reactive the participant's attention with exercises that show what is wrong or missing

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Recap



The integrative bio-psycho-social model of functioning and disability




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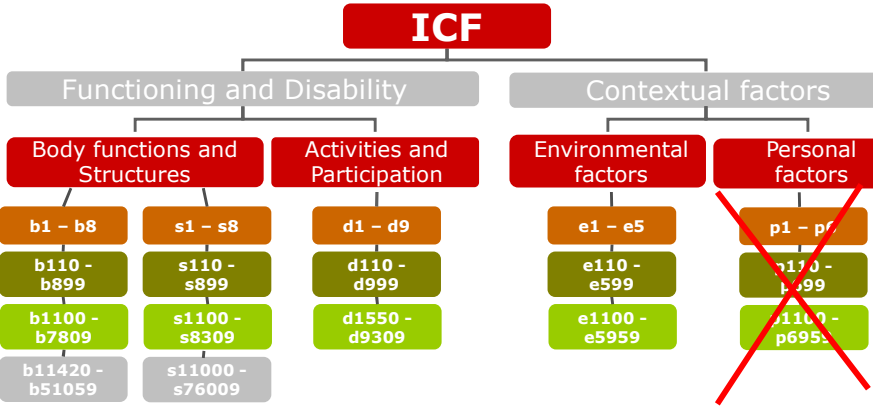
    graph TD
      HC[Health condition] <--> BFB[Body functions/Body structures]
      HC <--> A[Activities]
      HC <--> P[Participation]
      BFB <--> A
      A <--> P
      EF[Environmental factors] <--> BFB
      EF <--> A
      EF <--> P
      PF[Personal factors] <--> BFB
      PF <--> A
      PF <--> P
      BFB <--> EF
      A <--> EF
      P <--> EF
      BFB <--> PF
      A <--> PF
      P <--> PF
      
```

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Recap



The structure and codes of the classification



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    graph TD
      ICF[ICF] --> FD[Functioning and Disability]
      ICF --> CF[Contextual factors]
      FD --> BFB[Body functions and Structures]
      FD --> AP[Activities and Participation]
      CF --> EF[Environmental factors]
      CF --> PF[Personal factors]
      BFB --> B1[b1 - b8]
      BFB --> B2[b110 - b899]
      BFB --> B3[b1100 - b7809]
      BFB --> B4[b11420 - b51059]
      AP --> S1[s1 - s8]
      AP --> S2[s110 - s899]
      AP --> S3[s1100 - s8309]
      AP --> S4[s11000 - s76009]
      AP --> D1[d1 - d9]
      AP --> D2[d110 - d999]
      AP --> D3[d1550 - d9309]
      EF --> E1[e1 - e5]
      EF --> E2[e110 - e599]
      EF --> E3[e1100 - e5959]
      PF --> P1[p1 - p9]
      PF --> P2[p110 - p699]
      PF --> P3[p1100 - p6959]
      
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The Structure and Codes of the ICF

Case example

Mrs. Baker,
Age: 42 years,
Diagnosis: Rheumatoid Arthritis,
Duration of disease: 10 years

- s73021 Joint of hands and fingers
- b28016 Pain in joints
- d540 Dressing
- d4300 Lifting
- d6402 Cleaning living areas
- e155 Design, construction and building products and technology of buildings for private use
- d4551 Climbing
- d8452 Terminating a job
- b710 Mobility of joints
- d3601 Using writing machines,
- d440 Fine hand use
- e355 Health professionals
- e155 Products and technology for personal use in daily living
- e340 Personal care providers and personal assistants
- e310 Immediate family

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I'm suffering from rheumatoid arthritis for about 10 years. Presently several of the **finger joints s73021** as well as the wrist joints and the knee are quite swollen and every movement is rather painful, especially in the morning. The **pain is localized in the joints b28016**. Thus, it's already difficult for me **to dress myself d540**. And the shoulder just makes it difficult to **lift things d4300** to the very top shelf of a cupboard for example. **Cleaning the windows d6402** is also very complicated for me. And - I should mention this - our **apartment e155** increasingly proves to be a hindrance for me. It's located in the 4th floor without an elevator and **climbing stairs d4551** becomes rather difficult for me.

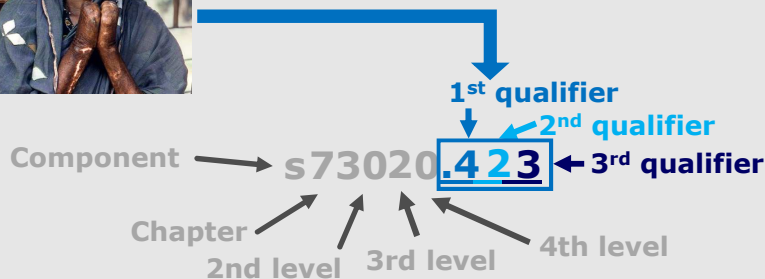
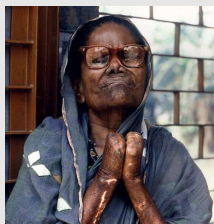
But besides those stupid daily hassles, what affected me most is that I even **had to give up my job d8452**. Due to the **restricted movement of my fingers b7101** I was not longer able to work as a secretary, for example increasingly I had difficulties in **typing d3601, d440**

During a stay in hospital an **occupational therapist e355** offered me useful devices for daily life, for example an **electric opener for bottles e1150**. There's a nice young **student who is helping e340** me with some household things and my **husband is very supportive e310**, too.

Learning ICF




Coding - Part II: ICF qualifiers



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Coding with ICF qualifiers

ICF qualifier for **body functions**



1st qualifier = Extent of impairment
↓

b7101.3

Mobility of several joints
Functions of the range and ease of movement of more than one joint


XXX.0 No impairment
 XXX.1 Mild impairment
 XXX.2 Moderate impairment
 XXX.3 Severe impairment
 XXX.4 Complete impairment

XXX.8 not specified
 XXX.9 not applicable

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Coding with ICF qualifiers

ICF qualifier for **body structures**



1st qualifier = Extent of impairment
↓

2nd qualifier = Nature of impairment
↙

3rd qualifier = Location of impairment
←

s7302.423

Structure of hand

XXX.0 No impairment	XXX.0 No change in structure	XXX.0 More than one region
XXX.1 Mild impairment	XXX.1 Total absence	XXX.1 right
XXX.2 Moderate impairment	XXX.2 Partial absence	XXX.2 left
XXX.3 Severe impairment	XXX.3 Additional part	XXX.3 both sides
XXX.4 Complete impairment	XXX.4 Aberrant dimensions	XXX.4 front
	XXX.5 Discontinuity	XXX.5 back
	XXX.6 Deviating position	XXX.6 proximal
	XXX.7 Qualitative changes in structure	XXX.7 distal
XXX.8 not specified	XXX.8 not specified	XXX.8 not specified
XXX.9 not applicable	XXX.9 not applicable	XXX.9 not applicable

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Coding with ICF qualifiers

ICF qualifier for **activities and participation**



1st qualifier = Performance

↓

2nd qualifier = Capacity

↓

d550.23


Eating
Carrying out the coordinated task and actions of eating food that has been served, bringing it to the mouth and consuming it in culturally acceptable ways, cutting or breaking food into pieces, opening bottles and cans, using eating implements, having meals, feasting or dining

<p>Performance <i>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.</i></p>	<p>XXX.0 No difficulty XXX.1 Mild difficulty XXX.2 Moderate difficulty XXX.3 Severe difficulty XXX.4 Complete difficulty</p> <p>XXX.8 not specified XXX.9 not applicable</p>	<p>Capacity <i>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.</i></p>
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Coding with ICF qualifiers

ICF qualifier for **environmental factors**



1st qualifier = Extent of barrier or facilitator

↓


e310.4 e310+4

Immediate family
Individuals related by birth, marriage or other relationship recognized by the culture as immediate family, such as spouses, partners, parents, siblings, children, foster parents, adoptive parents and grandparents

<p>XXX.0 No barrier XXX.1 MILD barrier XXX.2 MODERATE barrier XXX.3 SEVERE barrier XXX.4 COMPLETE barrier</p> <p>XXX.8 not specified XXX.9 not applicable</p>	<p>XXX+0 No facilitator XXX+1 MILD facilitator XXX+2 MODERATE facilitator XXX+3 SUBSTANTIAL facilitator XXX+4 COMPLETE facilitator</p> <p>XXX+8 not specified XXX+9 not applicable</p>
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Recap




What is **wrong** with these codes?

e325+4~~X~~
s4100.~~X~~ 0 - 4!
d4501~~X~~3 d4501.3?
b1301.31~~X~~4

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Other recap exercise ideas



I'm suffering from rheumatoid arthritis for about 10 years. Presently several of the **finger joints s73021** as well as the wrist joints and the knee are quite swollen and every movement is rather painful, especially in the morning. The **pain is localized in the joints b28016**. Thus, it's already difficult for me **to dress myself d540**. And the shoulder just makes it difficult to **lift things d4300** to the very top shelf of a cupboard for example. **Cleaning the windows d6402** is also very complicated for me. And I should mention this **our apartment e155** increasingly proves to be a hindrance for me. It's located in the 4th floor without an elevator and **climbing stairs d4551** becomes rather difficult for me.

But besides those stupid daily hassles, what affected me most is that I even **had to give up my job d8452**. Due to the **restricted movement of my fingers b7101** I was not longer able to work as a secretary, for example increasingly I had difficulties in **typing d3601, d440**

During a stay in hospital an **occupational therapist e355** offered me useful devices for daily life, for example an **electric opener for bottles e1150**. There's a nice young **student who is helping e340** me with some household things and my **husband is very supportive e310**, too.

I have **severe pain in my joints b28016.?**. Thus, it's **extremely difficult** for me **to dress myself d540.?**. And the shoulder just makes it **slightly difficult** to **lift things d4300.?** to the very top shelf of a cupboard for example.

Other ideas?

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Coding with ICF qualifiers

Using the ICF Qualifiers a **functioning profile** can be created. This gives a description of the complete experience of functioning.

ICF categories		ICF Qualifier				
		problem				
		0	1	2	3	4
b134	Sleep functions					1
b152	Emotional functions					1
b28013	Pain in back					1
b4350	Immune response					1
b610	Urinary excretory functions					1
b710	Mobility of joint functions					1
b735	Muscle tone functions					1
b755	Involuntary movement reaction functions					1
b810	Protective functions of the skin					1
s810	Structure of areas of skin					1
d230	Carrying out daily routine					1
d240	Handling stress and other psychological demands					1
d410	Changing basic body positions					1
d4153	Maintaining a sitting position					1
d420	Transferring oneself					1
d465	Moving around using equipment					1
d475	Driving					1
d540	Dressing					1
d920	Recreation and leisure					1
		facilitator		barrier		
		4+	3+	2+	1+	0
e110	Products or substances for personal consumption					1
e115	Assistive products...for personal use in daily living					1
e120	Assistive products...for personal mobility					1
e155	Design, construction...of buildings for private use					1
e310	Immediate family					1

Schedule Day 2

Time	Topic	Method
8:30 – 8:45	Recap of Day 1	Lecture, exercise
8:45 – 10:15	Module 1: Linking health information to the ICF	Lecture, exercise
10:15 – 10:30	<i>Coffee break</i>	
10:30 – 12:00	Module 2a: ICF in Rehabilitation Management	Lecture, exercise
12:00 – 13:00	<i>Group photo and Lunch break</i>	
13:00 – 13:45	Module 2b: ICF in Rehabilitation Management continued incl. some examples in practice	Lecture, exercise
13:45 – 14:30	Module 3: ICF in Practice incl. exchange of country examples and experience	Lecture, Discussion
14:30 – 14:45	<i>Break</i>	
14:45 – 16:30	Module 4: Train-the-Trainer Module	Lecture, Discussion, Exercise
16:30 – 17:00	Evaluation and Closing Comments	Discussion

ANY QUESTIONS?



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Frequently Asked Questions in this Module

See FAQ from the first day as there is no new content in this module

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Tips & Tricks on Training Methodology

- Ask at the beginning of the module if participants had questions from the content of day 1.
- If possible add exercises and examples that reflect the content of the main discussions or questions from the first day
- Encourage discussion by asking participants to explain why the examples on the slides are wrong
- In the discussions, refer to examples and statements made on day 1
- Adapt the schedule for day 2 accordingly

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