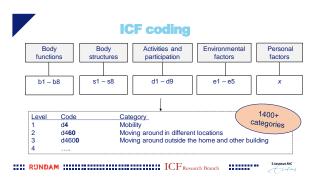




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ICF Core Sets for specific health conditions

Aim of ICF Core Sets:

- Applicability of the ICF in clinical practice and research
- An international standard for assessing and reporting on functioning

Available:

2

4

- ICF Core Sets for children and youth with CP
- Methodology of WHO and ICF Research Branch





3

5

Methodology development of ICF Core Sets

Preparatory Phase	Consensus	Future	
Systematic literature review Researchers' perspective			
Qualitative study Perspective of adults with CP	International ICF Consensus Process	Testing and validation of the 1st version of ICF Core Sets for adults with CP	
Expert survey Professionals' perspective	1st version of the ICF Core Sets for adults	Sets for addits with CF	
Empirical study Clinical perspective	with CP		

RUNDAM IIII ICF Research Branch



Benner JL*, Noten S* et al (2019) Outcomes in adults with cerebral palsy: systematic review using the International Classification of Functioning, Disability and Health. DMCN

6



2. Qualitative study



6 focus groups

31 adults with CP without intellectual disability

'The fact that I realize that I am different also gives room for other people to be different.' (44-year-old male, GMFCS level IV)



7 adults with CP with intellectual disability

+ caregiver

Noten S et al (2021) Development of an ICF Core Set for adults with cerebral palsy: capturing their perspective on functioning, DMCN

7



2. Qualitative study

- Q1. Body functions (b): If you think about your body and mind, what does not work the way it is supposed to?
- Q2. Body structures (s): If you think about your body, in which parts are the problems? Q3. Activities and participation (d): If you think about your daily life, what are your problems?
- Q4. Environmental factors (e): If you think about your environment and your living conditions, what do you find helpful or supportive?
- Q5. Environmental factors (e): If you think about your environment and your living conditions, what barriers do you experience?
- Q6. Personal factors (pf): If you think about yourself, what is important about you and the way you handle your condition/situation?

Noten S et al (2021) Development of an ICF Core Set for adults with cerebral palsy: capturing their perspective on functioning. DMCN

8







32 Countries



126 Health care professionals and researchers



6 Questions

Limsakul C and Noten S et al (2020) Developing an ICF Core Set for adults with cerebral palsy: A Global expert survey of relevant functions and contextual factors. J Rehabil Med

9





The Netherlands, Sweden, Thailand and America

101 adults with CP

69 without intellectual disability 32 with intellectual disability

b2. SENSORY FUNCTIONS AND PAIN	
b210 Seeing	
b230 Hearing	
b235 Vestibular (incl. Balance functions)	
b280 Pain	

Noten S et al (2022) An international clinical perspective on functioning and disability in adults with cerebral palsy. Disability and Health

10



CF categories identified in four preparatory studies

	Body Functions	Body Structures	Activities and participation	Environmental factors	Total
Literature	20	4	43	5	72
Adults with CP	47	7	43	35	132
Experts	20	8	14	21	63
Clinical setting	27	4	53	20	104
Candidate list	48	9	56	41	154

- · A broad range and diversity of problems and difficulties
- Environmental factors facilitators and barriers are important for everyday functioning

RUNDAM ICF Research Branch



Consensus



25 experts from 15 countries



Wide range of professional backgrounds e.g., physical medicine and rehabilitation, neurology, orthopaedics, physical therapy, occupational therapy, speech and language therapy, nursing, psychology



Adults with CP and parents

Noten et al (2022) ICF Core Sets for the assessment of functioning of adults with cerebral palsy. DMCN

11

Consensus process

Account on a second of the control o

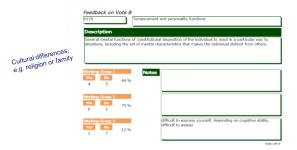
Input: 154 ICF categories

Comprehensive and Brief ICF Core Sets

Online version of the original face-to-face consensus conference

13

15



ICF Core Sets

Comprehensive ICF Core Set

- Comprehensively describe the functioning profile
- Multi-disciplinary team

Brief ICF Core Set

- Most essential categories
- To serve as a minimum international standard for assessing and reporting the functioning of adults with CP

Noten et al (2022) ICF Core Sets for the assessment of functioning of adults with cerebral palsy. DMCN

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Plenary session 3: Presentation of Comprehensive ICF Core Set, introduction of ranking process and cut-off procedure and exchange of arguments for ranking specific categories higher or lower, respectively

**Rank A (Offline): Rank the top 10 ICF categories

Week 4

**Rank B (Offline): Rank the top 10 ICF categories based on the results of Rank A

**Cut-off (Offline): only project team involved)

**Plenary session 4: Discuss proposal for Brief ICF Core Set based on Rank B

**Brief ICF Core Set*

16

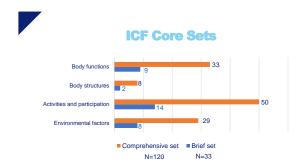
□ b BODY FUNCTIONS
□ b H MENTAL FUNCTIONS
□ b 1462-1109 Global mental functions (b10-b130)
□ b 1462-1109 Global mental functions (b10-b130)
□ b 1462-1109 Global mental functions (b10-b130)
□ b 1462-1109 Global mental functions
□ b 1467 Encoprision of language
□ b 1467 Expression of language
□ b 1467 Expression of language functions
□ b 1467 Encoprision of language, unspecified
□ b 1467 Encoprision of language, unspecified

b167 Mental functions of language - Specific mental functions of recognizing and using signs, symbols and other components of a language

d310 Communicating with - receiving - spoken messages - Comprehending literal and implied meanings of messages in spoken language, such as understanding that a statement asserts a fact or is an idiomatic expression.

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10



19 20



ICF Core Sets for adults with CP

- ICF Core Sets provide core areas and assist users by providing a checklist of **what** to measure
- ICF Core Sets support the **standardization** of the assessment and reporting of functioning of adults with CP in clinical practice and research



Next steps

- How to measure
 - o Select measurement instruments, such as questionnaires or clinical tests
- · Stimulate standardisation of data collection
 - Registers
 - → Solid basis for describing the impact of CP at adult age



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