

Establishing good content validity starts with listening to all voices

MyCommunication-Youth..

..measures Communicative Participation..

- “Taking part in life situations where knowledge, information, ideas or feelings are exchanged” (Eadie et al., 2006)
- Most important outcome of speech and language therapy
- No outcome measures available for children, adolescents, and young adults with communication problems

..and was developed..

Following COSMIN Guidelines (Mokkink et al. 2018)

- Item generation → concept elicitation
- Item pool development → cognitive interviews

..by using accessible research methods

- Playful setups (e.g., “fishing game”)
- Simplified wording, short sentences, visuals
- Accessible consent letters & video explanations



Concept elicitation using diaries combined with semi-structured interviews (n=25)

- Diaries were kept in own preferred way
- Simplified language used in interview
- 37 concepts were identified, divided over 6 categories: *Person, Topic, Location, Moment, Pace, Mode*

Examples of items:

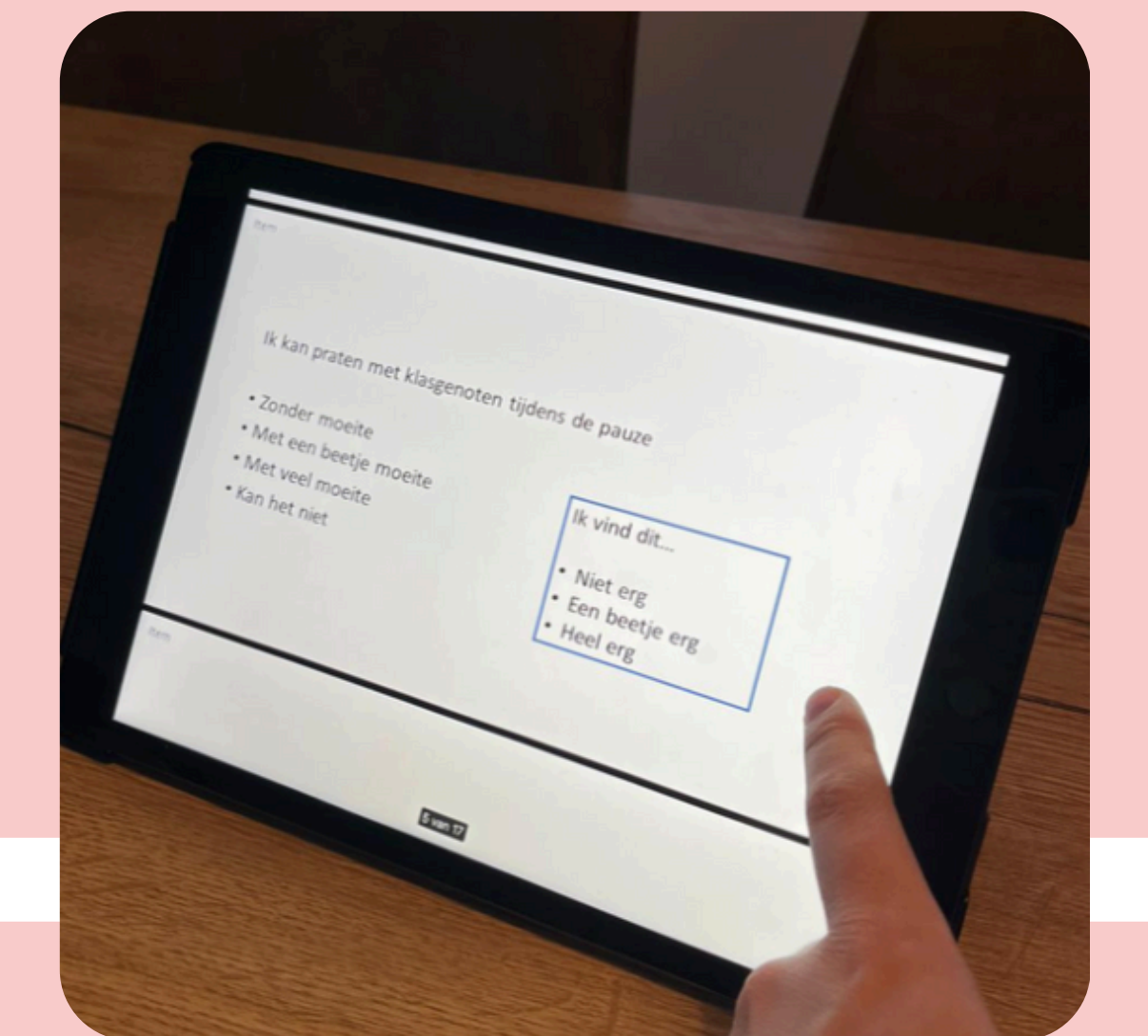
- I can tell the doctor about my symptoms
- I can tell my parents about my day
- I can ask questions to the teacher
- I can introduce myself
- I can solve a conflict with a friend

Cognitive interviews using playfull fishing games (n=60)

- Items shown one-by-one, either in a playful setup or by using PowerPoint format
- Simplified language used in interview

Three final item pools for children (49), adolescents (70), and young adults (73) were considered comprehensible, comprehensive and relevant.

Items cover all participation chapters of ICF Activities and Participation



Every population contains communication vulnerable people; use inclusive methods to facilitate their participation

Eline Alons^{1,2}, Dr. Lizet van Ewijk¹, Dr. Margreet Luinge³, Prof. dr. Caroline B Terwee^{4,5}, Prof. dr. Ellen Gerrits^{1,2}

¹Research Centre Healthy and Sustainable Living, HU University of Applied Sciences, Utrecht, The Netherlands; ²Department of Languages, Literature and Communication, Institute for Language Sciences (ILS), Utrecht University, Utrecht, The Netherlands; ³Research Centre Healthy Ageing; Youth, Education and Society, Hanze University of Applied Sciences Groningen, Groningen, The Netherlands; ⁴Amsterdam UMC location Vrije Universiteit, Epidemiology and Data Science, Amsterdam, The Netherlands; ⁵Amsterdam Public Health Research Institute, Methodology, Amsterdam, The Netherlands. e.m.alons@amsterdamumc.nl

