

# Development of an ICF core set for geriatric patients in primary care

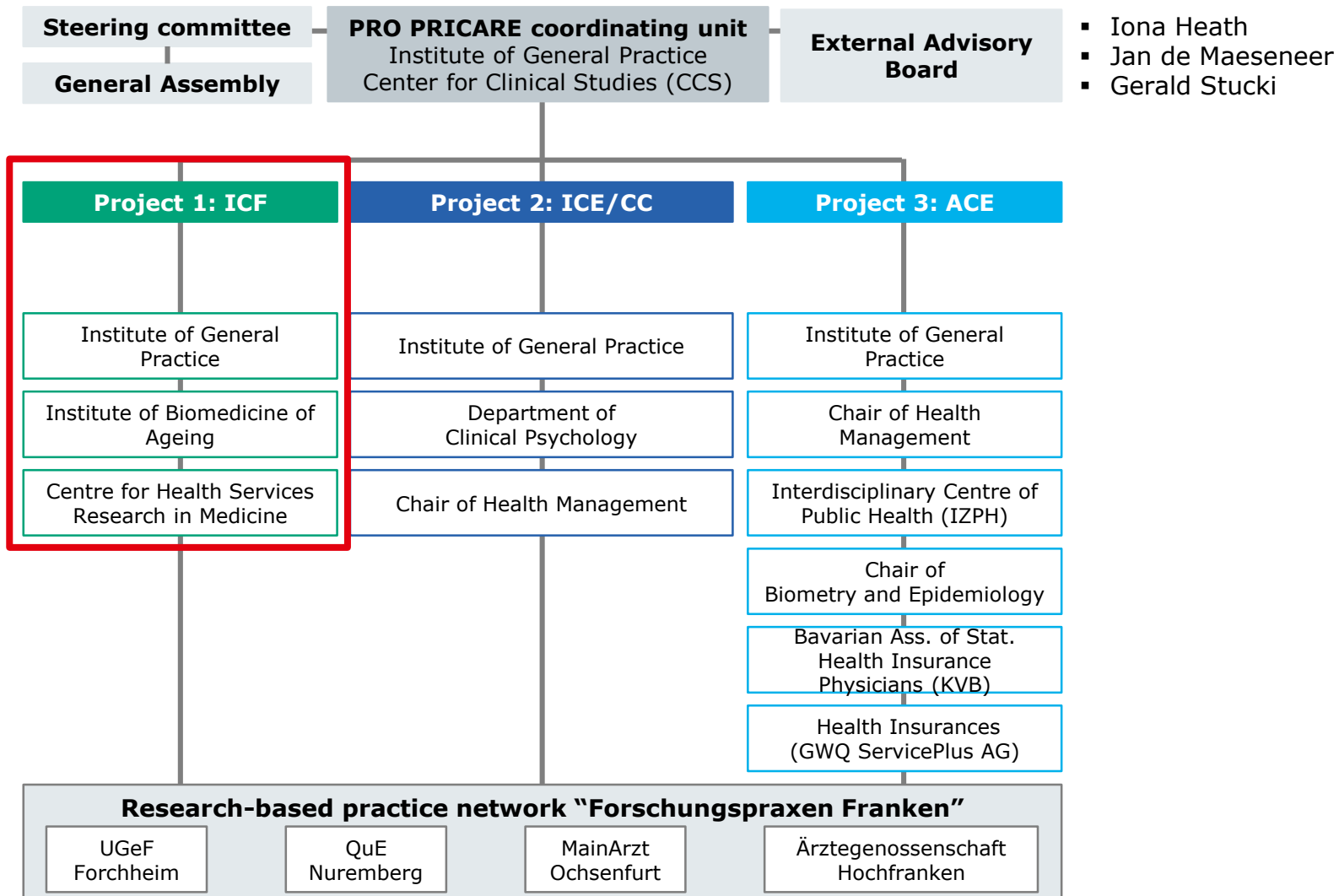
Johanna Tomandl, Stephanie Book, Anina Höfle, Elmar Graessel, Cornel Christian Sieber, Ellen Freiberger,, Susann Gotthardt, Susann Hueber, Thomas Kühlein,

Allgemeinmedizinisches Institut  
Universitätsstraße 29 | 91054 Erlangen  
allgemeinmedizin@uk-erlangen.de

WICC annual meeting  
22.-26. September 2019, Crete



# Preventing Overdiagnosis in Primary Care (PRO PRICARE): a work in progress

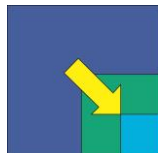


# Why an ICF Core Set for geriatric patients?

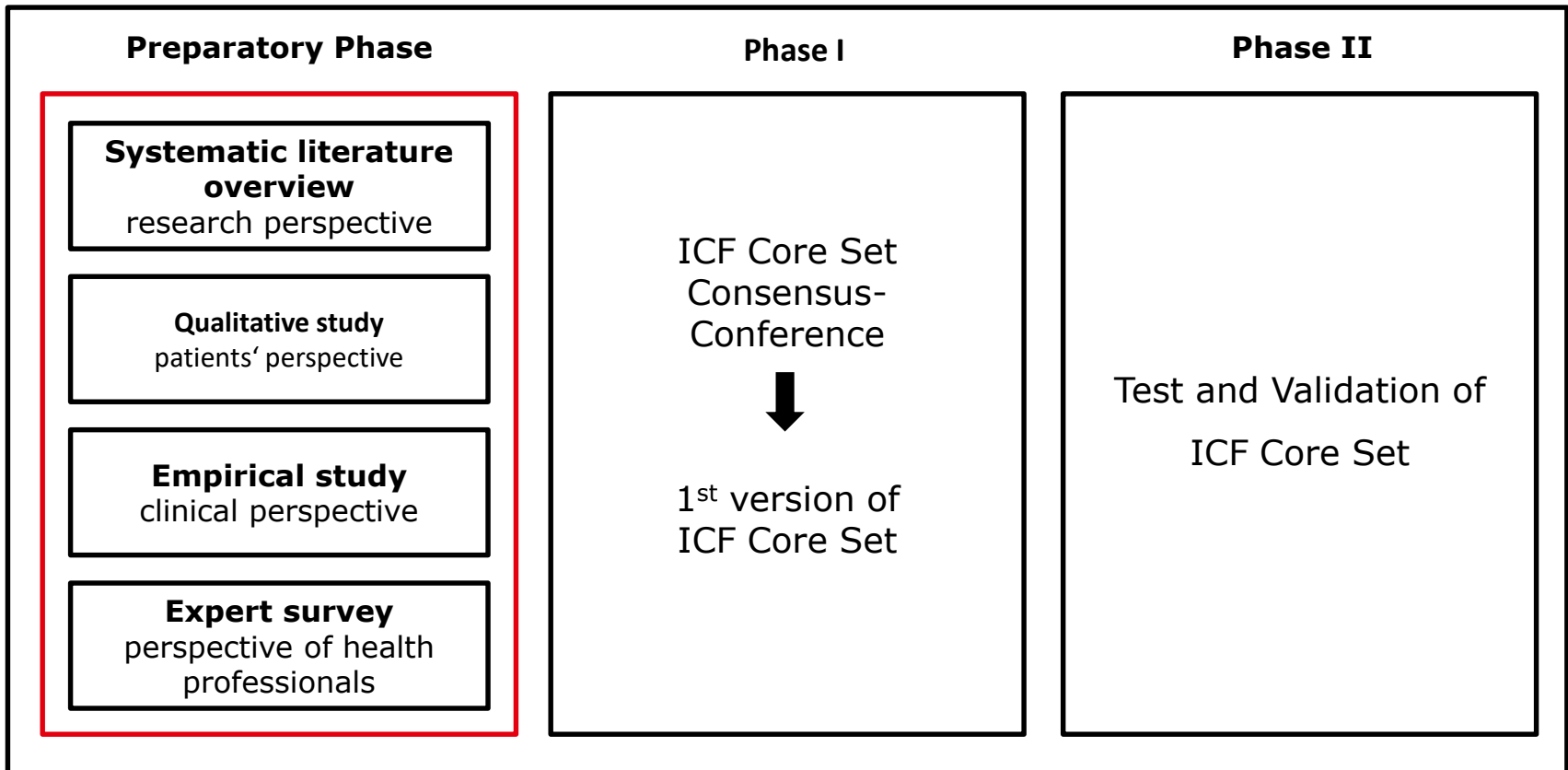
- Information on **functioning** is...
  - ...helpful to understand the **consequences** of chronic conditions **for everyday life**
  - ...a strong **predictor of mortality** in old age



combined information on disease and functioning might be a **better discriminator between necessary and unnecessary medicine** in older persons than disease information alone

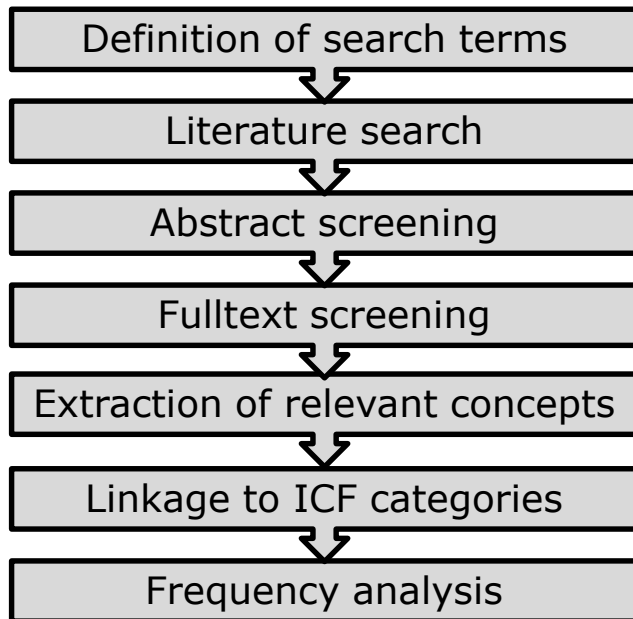


# Development of an ICF Core Set



Process of ICF Core Set development (based on Selb, M., et al., *A guide on how to develop an international classification of functioning, disability and health core set*. Eur J Phys Rehabil Med, 2015. **51**: p. 105-117.).

# Systematic literature overview - methods

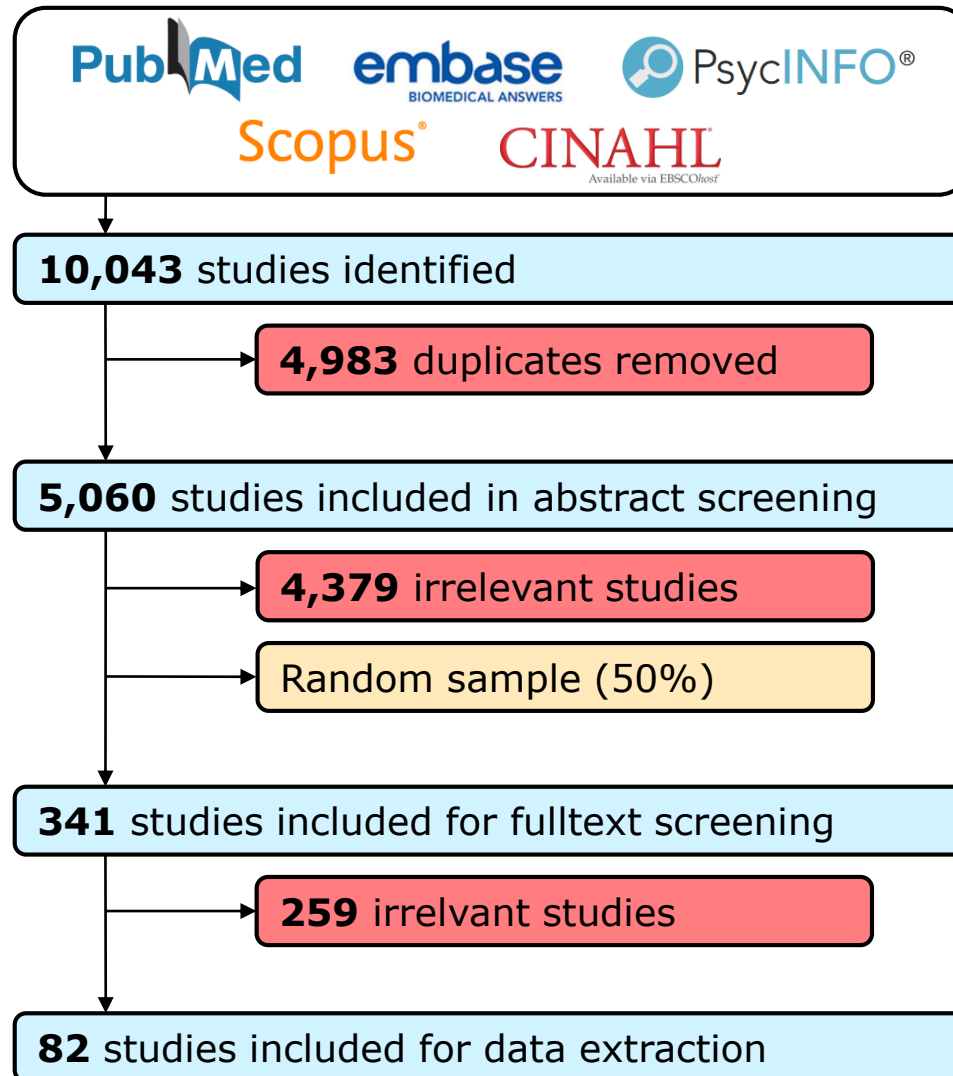


Process of a systematic review (based on Selb et al., 2015).

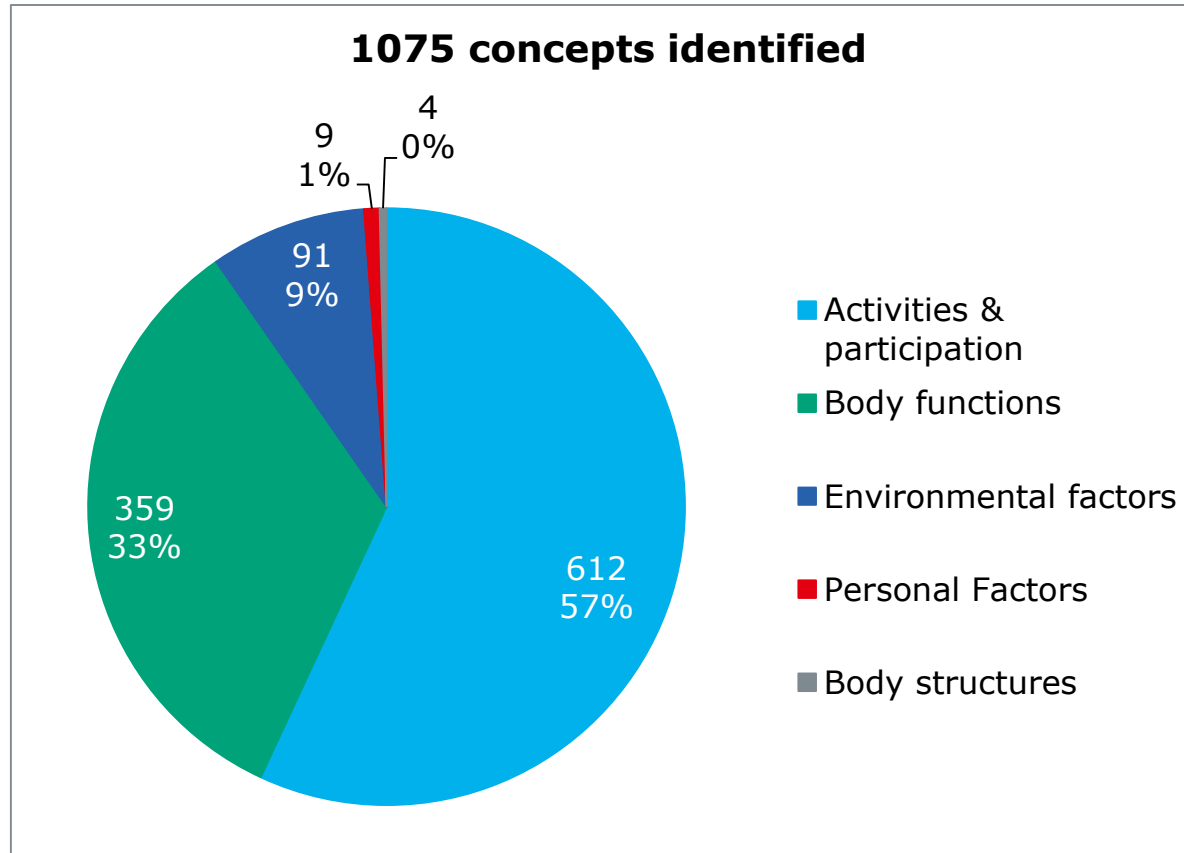
- **Inclusion criteria:** All participants must...
  - ... be  $\geq 75$  years old
  - ... community dwelling
  - ... live in the European Union, EFTA states, USA, Canada, New Zealand or Australia
  - ...
- **Exclusion criteria:** Participants...
  - ... in an inpatient setting (e.g. hospital /nursing home)
  - ... suffer from one *specific* illness
  - ...



# Systematic literature overview - results



# Systematic literature overview - results



# Qualitative study

## ■ Study participants:

- Community-dwelling elderly (75 years and older)
- N = 27

## ■ Methods:

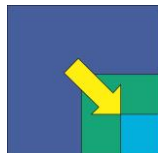
- semi-structured interviews and focus groups
- Data analysis based on Mayring's qualitative content analysis (deductive category assignment)
- Linkage with the ICF categories following established linking rules

**Qualitative study**  
patients' perspective

**Systematic literature  
overview**  
research perspective

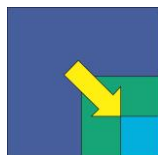
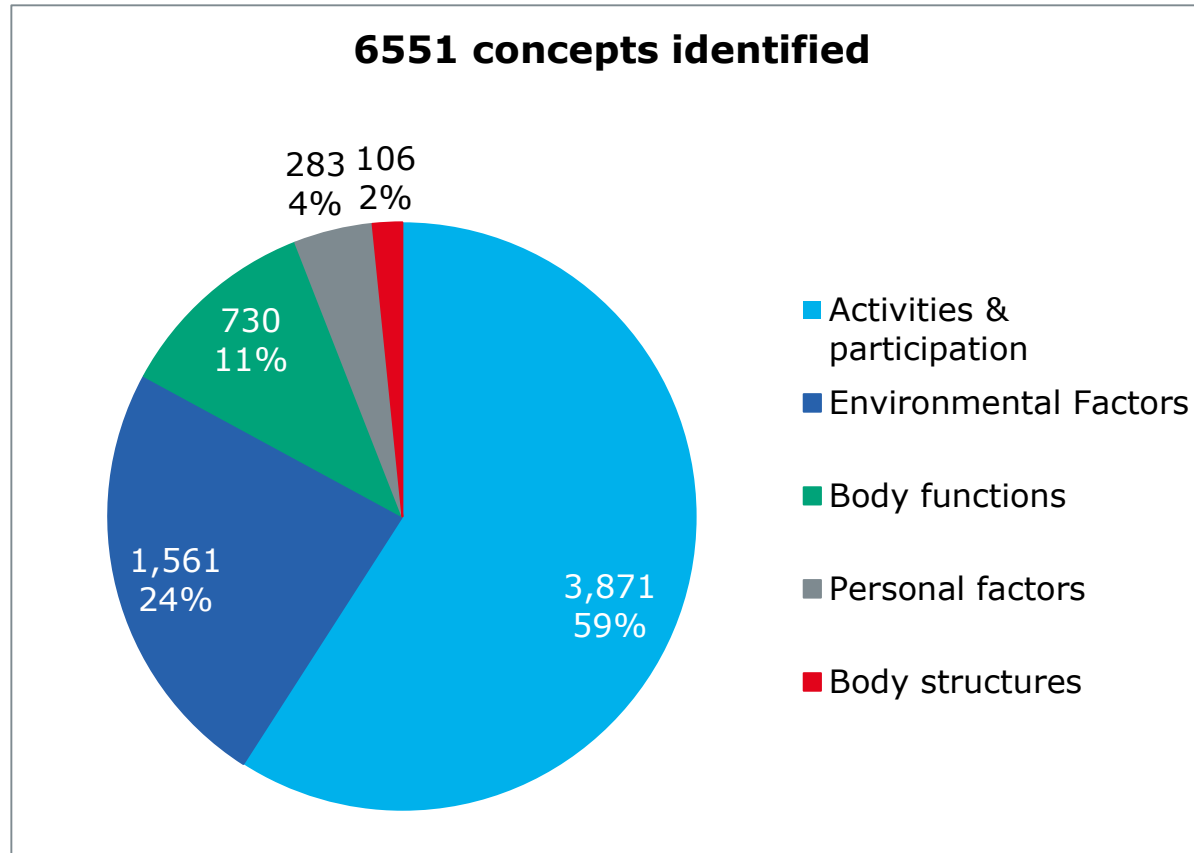
**Empirical study**  
clinical perspective

**Expert survey**  
perspective of health  
professionals





# Qualitative study - results



# Empirical study

## ■ Study participants:

- Community-dwelling elderly (75 years and older)
- N = 65

## ■ Methods:

Cross-sectional study

## ■ Instruments:

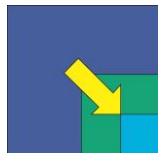
- Extended ICF Checklist
- MoCA, GDS-15, SF-12, WHODAS-12, TUG, ETAM, hydraulic hand dynamometer

**Qualitative study**  
patients' perspective

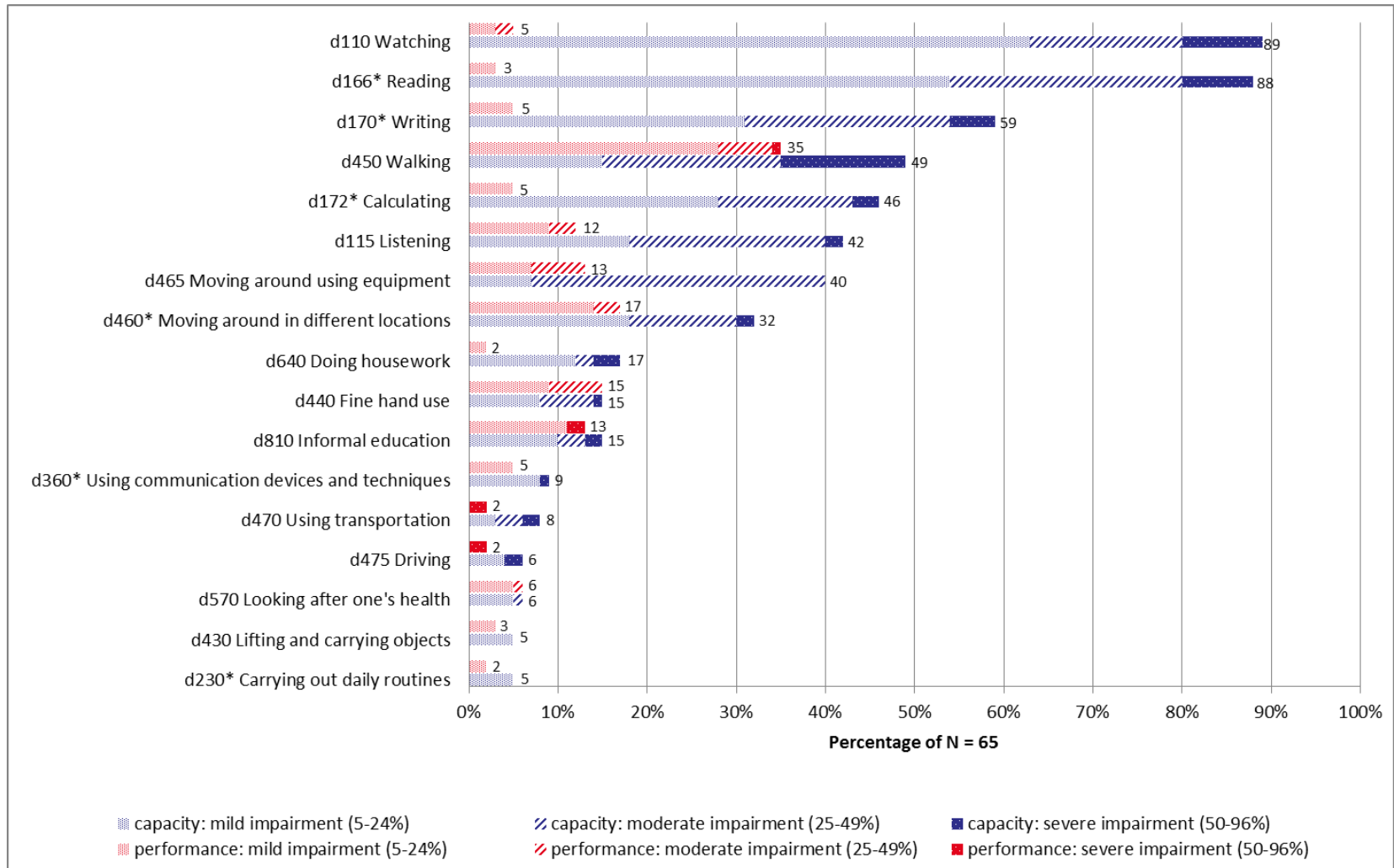
**Systematic literature  
overview**  
research perspective

**Empirical study**  
clinical perspective

**Expert survey**  
perspective of health  
professionals



# Empirical study – results



Prevalence of impairment in the ICF categories of the component 'Activities and participation'

# Expert survey

## ■ Study participants:

general practitioners, geriatricians and nursing staff

## ■ Recruitment by existing networks

## ■ Methods:

- online survey
- 8 open ended questions regarding functioning, activities, participation and limitations of the elderly
- Data analysis based on Mayring's qualitative content analysis using deductive category assignment
- Linkage with the ICF categories following established linking rules

## ■ Results pending

