

# The effect of interprofessional patient discussions on interprofessional learning in healthcare teams

Lisa-Maria van Klaveren, Arianne ten Klooster-Verboom, Vincent Geukers & Rien de Vos





# Disclosure statement

The authors have no conflicts to declare.



# Background

Current practice is predominantly multi-disciplinary:

1. Individual professional expertise not valorized by team
  - vocational knowledge gaps
  - parallel work processes
2. Patient is not integrated as partner in the team
  - shared decision-making not yet standard care



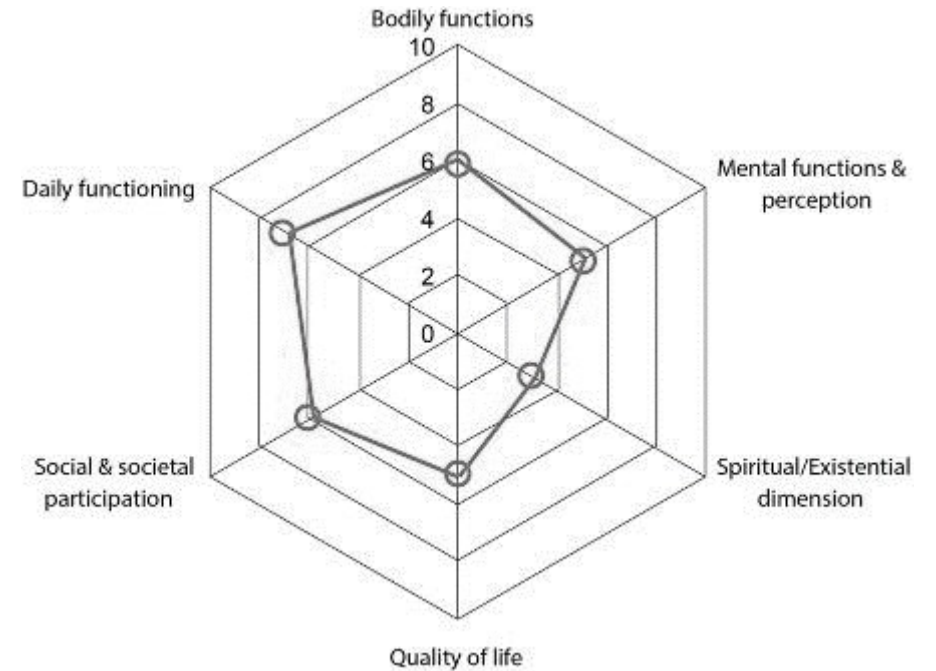
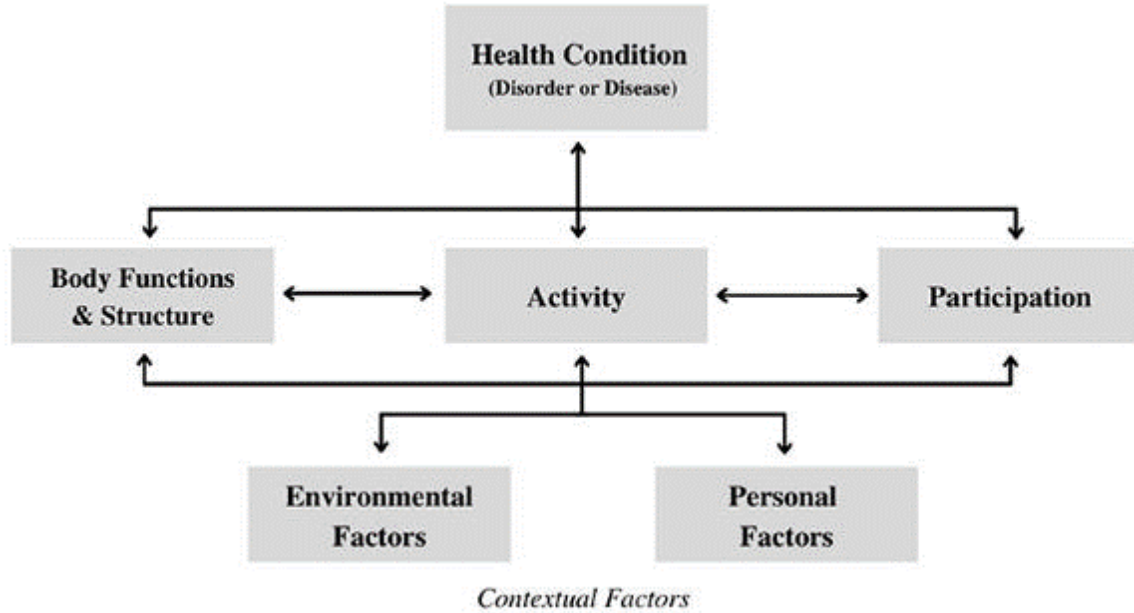
# Pilot study: research question

What is the effect of  
interprofessional patient discussions on  
healthcare professionals' interprofessional competencies?



# Design

- Setting: Urology ward at the Amsterdam UMC
- Intervention: Pre-discharge, 1-hr interprofessional patient discussions (IPPDs)
  - patient (and family), doctors, nurses, independent moderator
  - holistic perspective
  - n = 10 (IPPDs, patients); n = 34 (healthcare professionals)
- Goals:
  - 1) to formulate an integrated care plan for discharge
  - 2) to foster interprofessional team-learning

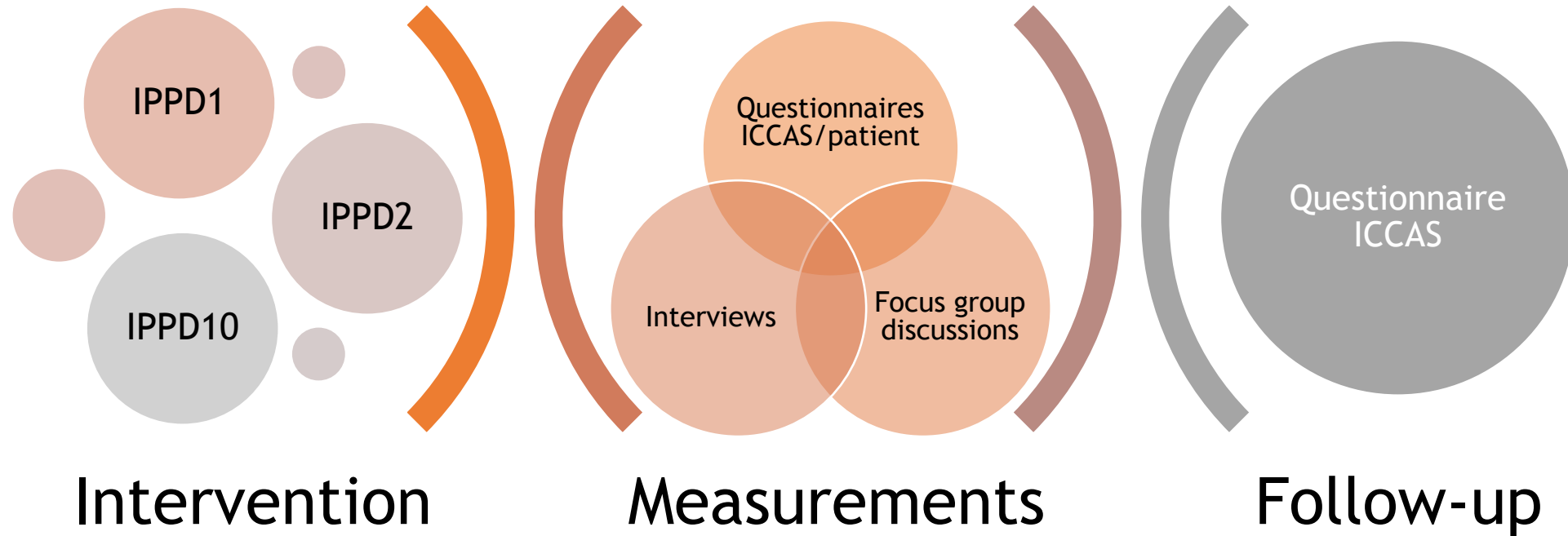


International Classification of  
Functioning, Disability and Health  
(ICF; WHO, 2001)

Positive Health Framework (PH; Van  
Steekelenburg, Kersten & Huber, 2016)



# Design



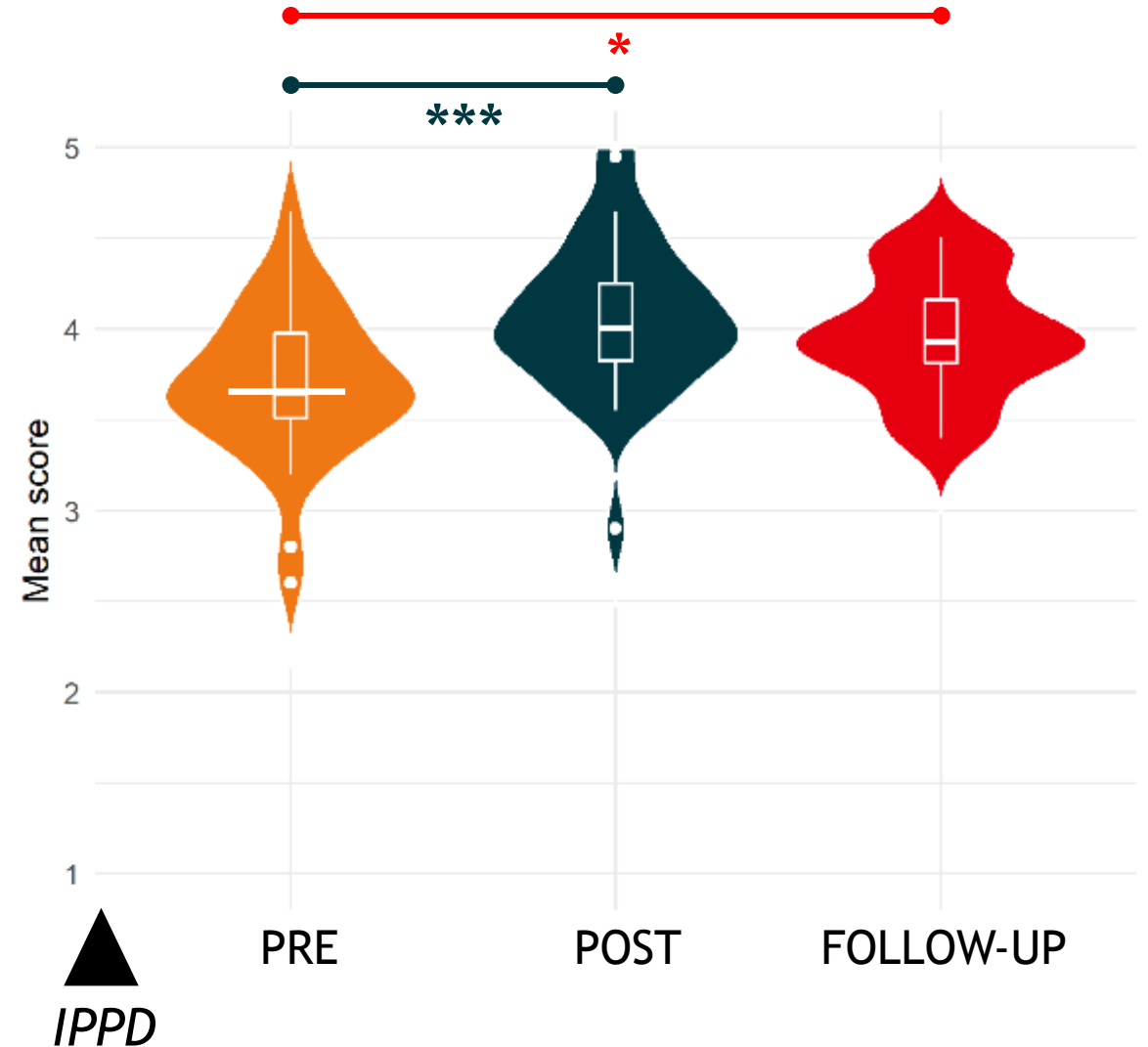
-----  
**ICCAS** - Interprofessional Collaborative Competency Attainment Scale  
(Archibald, Trumppower & MacDonald, 2014)



# Quantitative results

Significant increase of IPC competencies:

- **PRE**  
 $M = 3.44$ ,  $SD = .504$
- **POST**  
 $M = 3.96$ ,  $SD = .586$
- **FOLLOW-UP (6 months)**  
 $M = 3.76$ ,  $SD = .499$



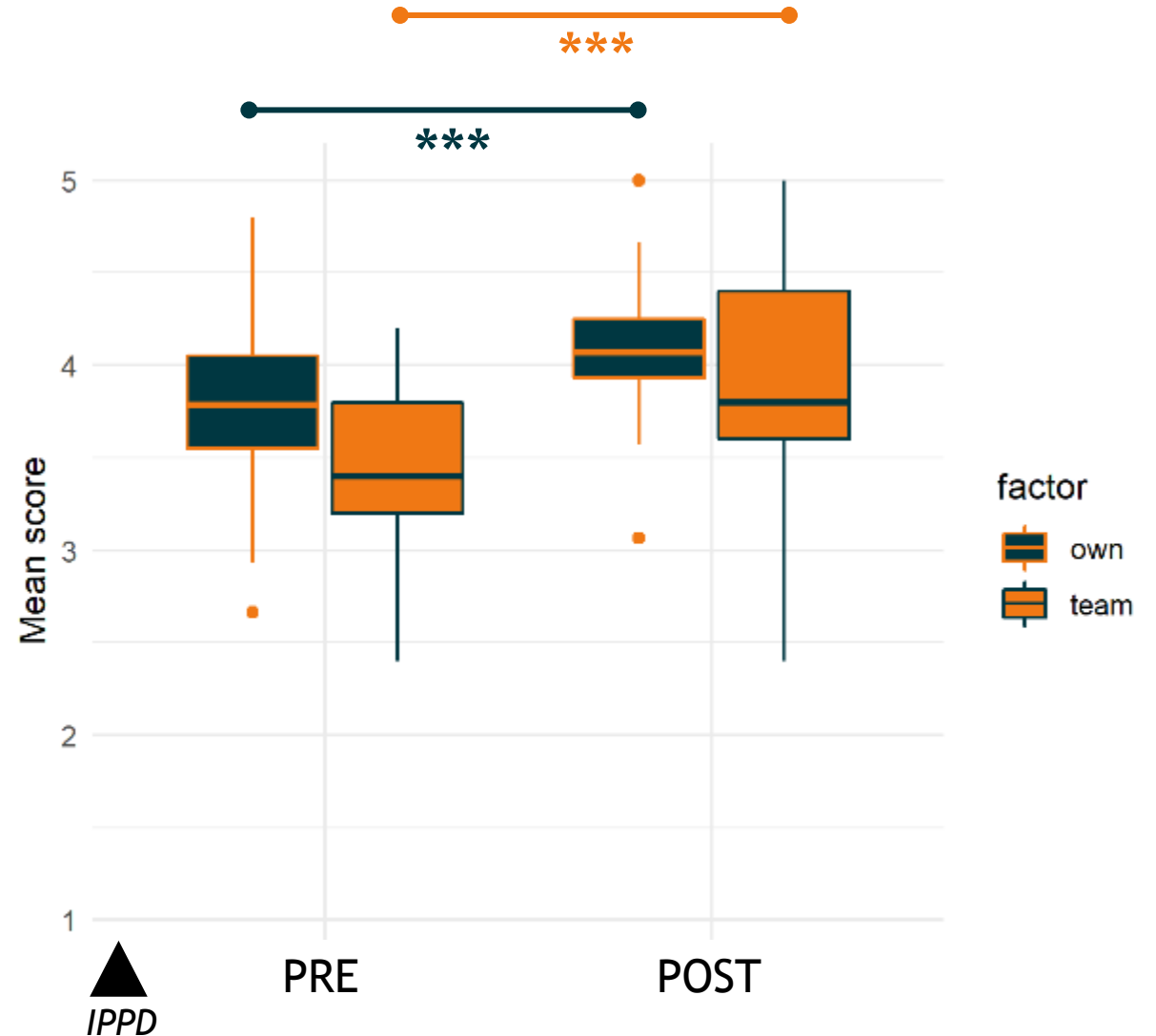




# Quantitative results

Significant increase of IPC competencies:

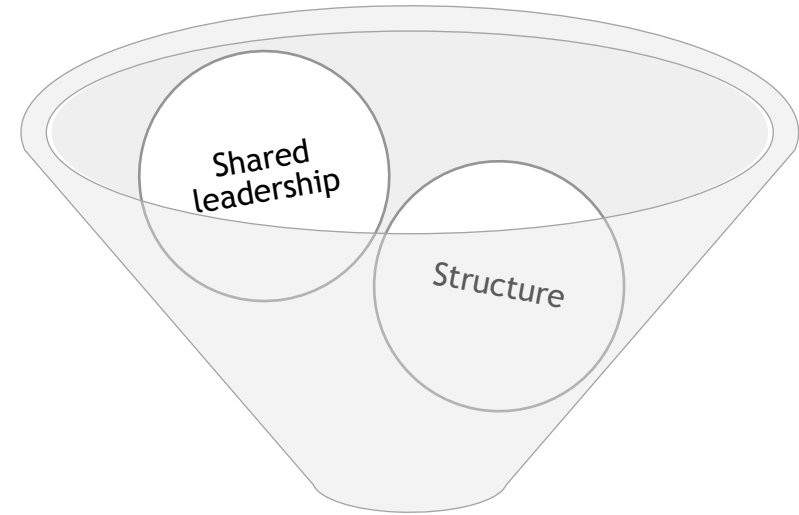
- **OWN:**
  - PRE ( $M = 3.79$ ,  $SD = .429$ )
  - POST ( $M = 4.11$ ,  $SD = .395$ )
- **TEAM**
  - PRE ( $M = 3.44$ ,  $SD = .504$ )
  - POST ( $M = 3.96$ ,  $SD = .586$ )



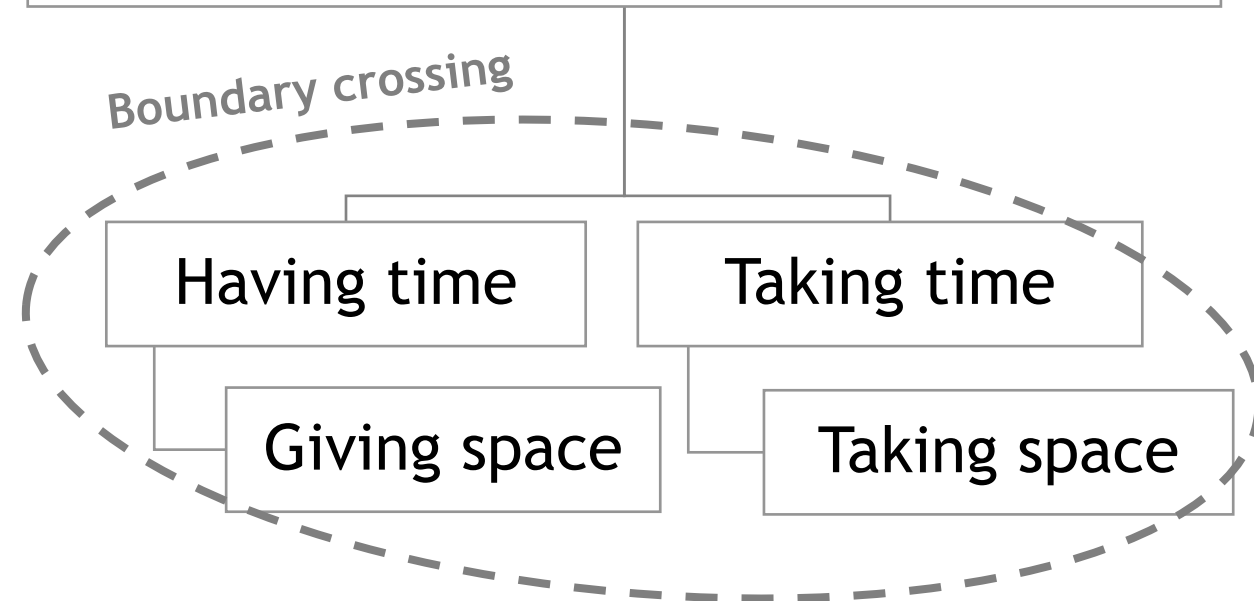


# Qualitative results

- Positive experience for all participants
- Patient included in the team
- Learning about each others' expertise (IPL)
- Repetitive occasions needed
- Integration of IPPD in daily workflow



## Balance as a new team





# Take home messages

- Implementation of IPPDs results in...
  - ...sustainable increase in perceived individual IPC-competencies
  - ...sustainable higher perceived team involvement
  - ...better inclusion of patients' perspectives and more respect and appreciation for team members
  - ...increased learning about each others' expertise (IPL)

POSITIVE EXPERIENCE FOR ALL TEAM MEMBERS