

# The Patient Participation Culture Tool for HealthCare Workers (PaCT-HCW): development and psychometric validation study.

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## Background

- ❖ Patient participation is an increasingly **important topic** in modern healthcare.
- ❖ The **initial step** for patient participation is **made by healthcare workers** who are willing to share their power and responsibilities with patients.
- ❖ To improve patient participation, such **behaviour should be stimulated**.
- ❖ Currently, there is **no tool at hand to measure the healthcare worker-related factors** of patient participation and information sharing and dialogue

PaCT-HCW



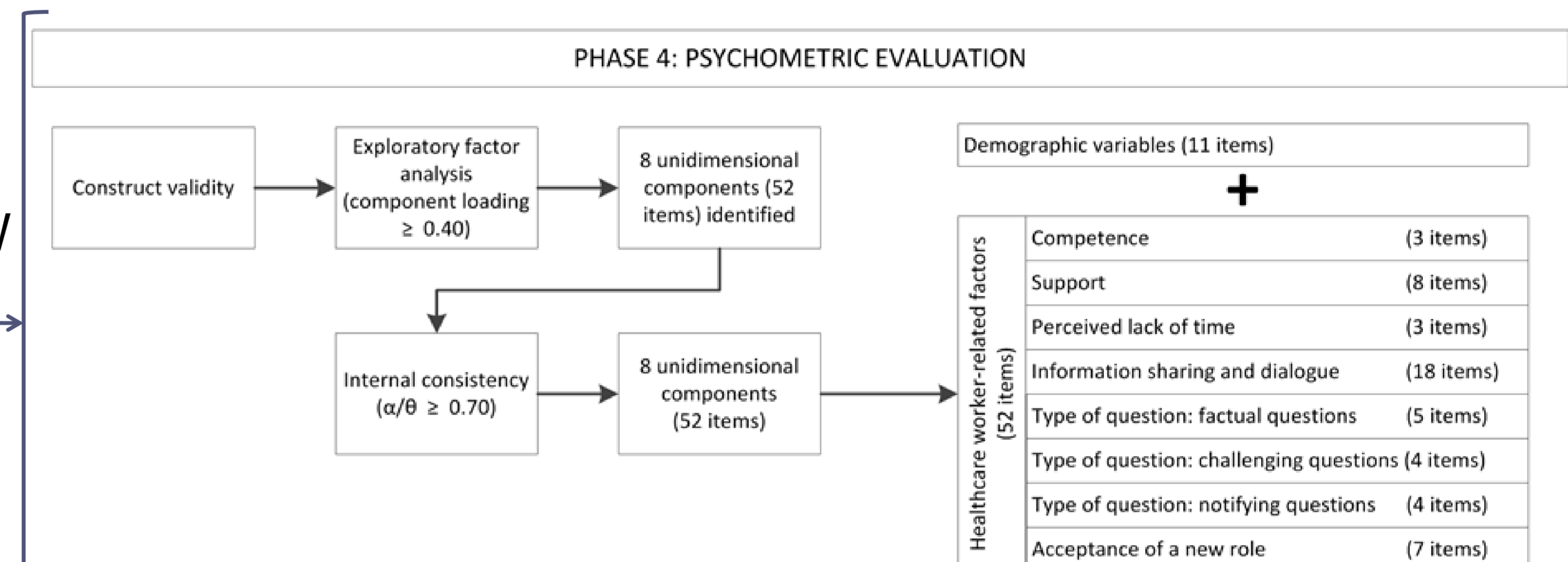
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## Objectives

- ❖ The aim of this study was to **develop and validate a tool** that measures the **healthcare worker-related factors** of **patient participation and information sharing and dialogue** in patient participation from the healthcare worker's perspective in order to represent the patient participation culture on general and university hospital wards.

## Design and methods

- ❖ A four-phased validation study:
  - (1) defining the construct of the PaCT-HCW
  - (2) development of the PaCT-HCW
  - (3) content validation
  - (4) psychometric evaluation



## Results

- ❖ A solid and strong psychometric instrument with 8 unidimensional components, consisting of 52 items.



Components	Nr of items	Nr of respondents	Interitem correlations	% of variances	Cronbach's α
Competence	3	1329	0.49-0.67	3.50	0.82
Support	8	1329	0.33-0.75	7.23	0.83
Perceived lack of time	3	1329	0.30-0.69	2.40	0.67
Information sharing and dialogue	18	831	0.31-0.75	13.34	0.93
Factual questions	5	1329	0.58-0.70	8.25	0.90
Challenging questions	4	1329	0.55-0.66	5.69	0.86
Notifying questions	4	1329	0.53-0.65	4.72	0.85
Acceptance of a new role	7	1329	0.29-0.57	4.75	0.70
Total	52	831	0.22-0.75	49.88	0.92

## Conclusion

- ❖ The **PaCT-HCW** is a **valuable and validated tool** to measure the **healthcare worker-related factors** of patient participation and information sharing and dialogue offers a nuanced and **differentiated perspective** on the patient participation
- ❖ The **PaCT-HCW** enables the establishment of **specific actions and strategies** to address influential factors of patient participation and **improve patient participation**.