



WS1 – How to validate a questionnaire

Christiane Eickhoff, Isabelle Arnet

Navigating research on pharmaceutical care

Welcome to the workshop

« How to validate a questionnaire »

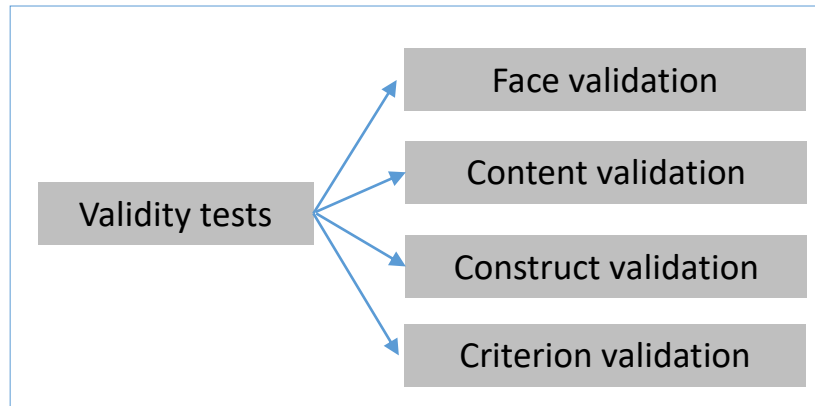
PCNE workshop «How to validate a questionnaire» , February, 11th + 12th, 2022
Working conference / Lisbon, Portugal

PD Dr Isabelle Arnet
University of Basel, Pharmaceutical Care
Switzerland

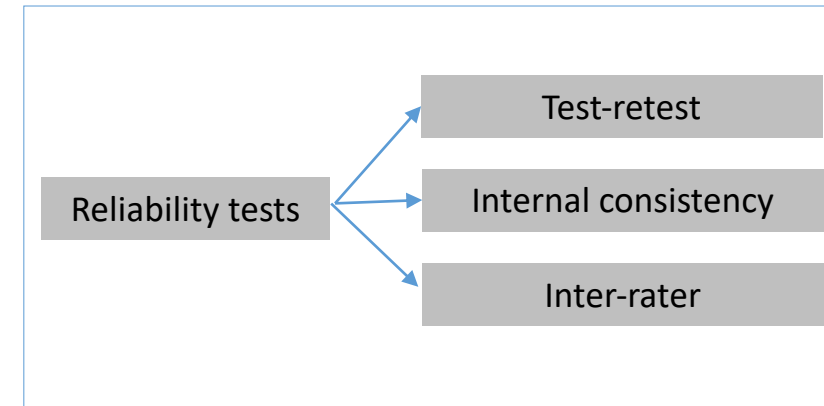
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ABDA, Berlin
Germany

Two different Aspects for one goal

A) Validity



B) Reliability



ORIGINAL ARTICLE



Development and Psychometric Properties of the Turkish-Version of the MAAH-Adherence

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ABSTRACT

Background: To ensure the quality of patient care, the bioavailability of drugs, and the success of the treatment, it is imperative that nurses evaluate the adherence of patients to pharmaceutical

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Development and validation of the MAAH-Adherence instrument

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Abstract

A five-item scale was developed that asked respondents to indicate how often they given a particular circumstance. Two hundred and twenty-two recipients completed correlating composite item scores with refill record adherence rates (RRARs), serum and increased serum creatinine (SCr) levels. One scale item was deleted due to low reliability. The four-item scale was 0.81, demonstrating that the scale has acceptable reliability suggesting that the scale measures a single adherence construct, which accounted

PCNE conference 2022 / Workshop „How to Validate a Questionnaire“
Isabelle Arnet / Christiane Eickhoff

Matrix / group work		
TOPIC / STEP	Done / described	What / how was it done? Remarks.
Participants	<input type="checkbox"/>	Sample size, inclusion / exclusion criteria, recruitment, drop outs
Data collection	<input type="checkbox"/>	How were the data collected? Who was involved? Were the data cleaned and how?
Comparison with „gold standard“	<input type="checkbox"/>	
Face validation	<input type="checkbox"/>	
Piloting	<input type="checkbox"/>	Subject size? What was exactly piloted / checked?
Content validation	<input type="checkbox"/>	
Construct validation	<input type="checkbox"/>	
Criterion validation	<input type="checkbox"/>	

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Summary

- Lack of transparency in the methods of published articles
- we need **guidance** to validate «questionnaires, tools, instruments» for **pharmacy practice**
- Are «we» the right group? => PCNE is

So what?

- Commentary
- Checklist? Book? Network of peers? Reviewers?
- Toolbox for pharmacy practice
- Workshop 2023 on «standards to validate questionnaires»

- 13-STARs questionnaire as illustrative example