

# Week 5



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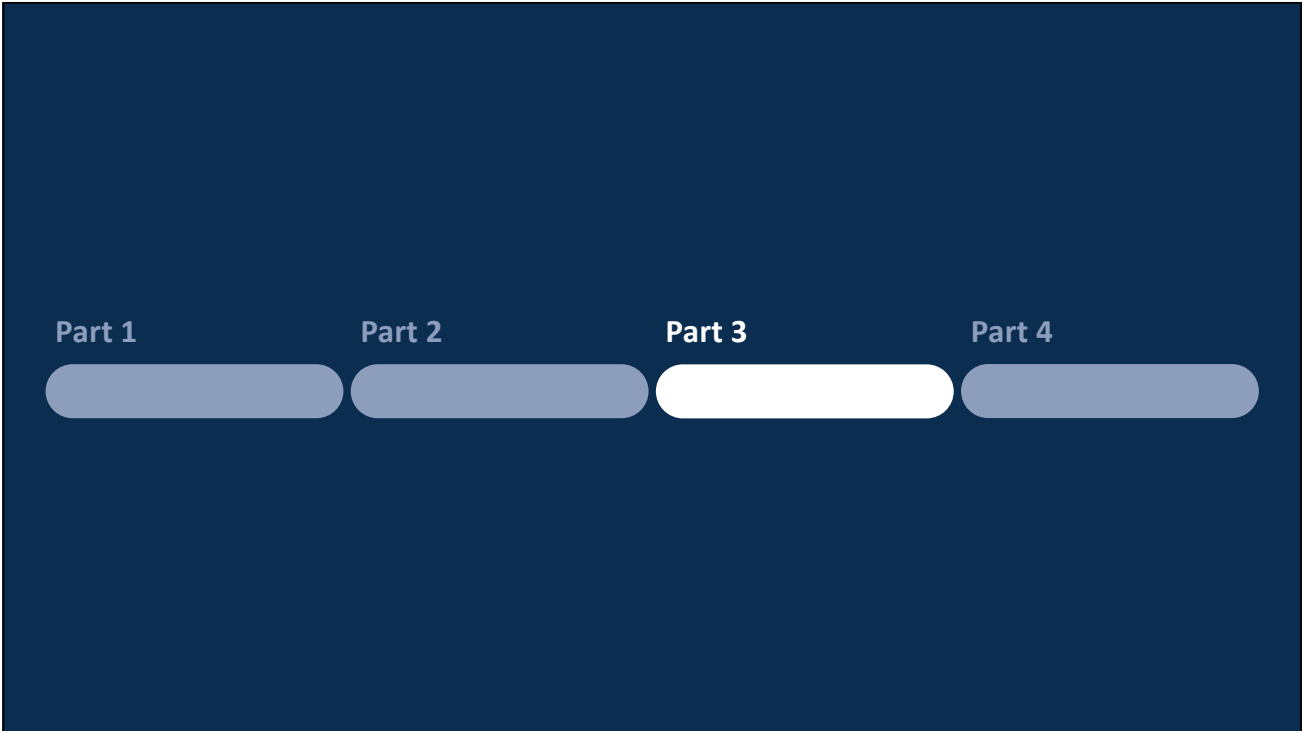


Module: Mental Health in the Community

Week 5: Implementation in Health Care

## Topic 3: Implementation outcomes (Part 3 of 4)

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## Introduction

A graphic showing a computer mouse with a pink cord connected to a pink-bordered box containing a checklist. The checklist has three rows, each with a horizontal line, a square, and a square. The first row has an 'X' in the first square. The second row has an 'X' in the second square. The third row has 'X' marks in both squares.

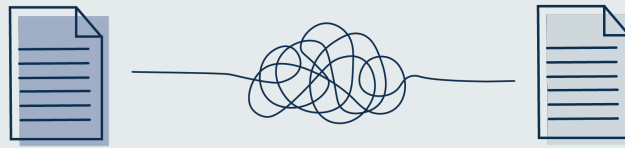
Dr Zarnie Khajesari Implementation Outcomes (Part 3 of 4) 4

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## Why do we validate implementation outcome instruments?

### Reasons:

- Lack of consensus on which instruments used for measuring the same outcome.
- Causes inconsistencies in the outcomes reported and difficulties in comparing these outcomes in systematic reviews and meta-analyses.
- There is variability in the quality (i.e., reliability and validity) of instruments and not clear if best instrument is being used for a given outcome.



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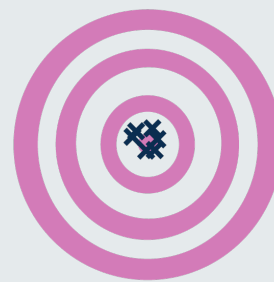
## Reliable and valid instruments are needed



**Questionnaire 1**  
Not reliable



**Questionnaire 2**  
Reliable not valid

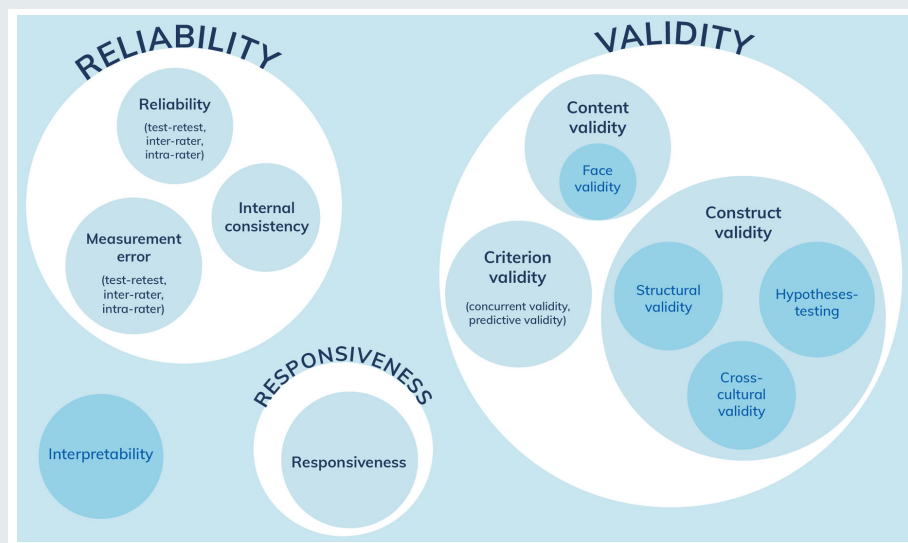


**Questionnaire 3**  
Reliable and valid

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## Measurement properties

COSMIN, n.d.



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Implementation Outcomes (Part 3 of 4)

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## Validated implementation outcome instruments in physical and mental health

Khadjesari et al., 2020; Lewis et al., 2015; Mettert et al., 2020

	Physical health (Khadjesari et al., 2020)	Mental health (Lewis et al., 2015; Mettert et al., 2020)
Acceptability	33	82 (50 + 32)
Adoption	4	45 (19 + 26)
Appropriateness	7	13 (7 + 6)
Cost	0	39 (8 + 31)
Feasibility	4	26 (8 + 18)
Penetration	4	27 (4 + 23)
Sustainability	3	22 (8 + 14)

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Implementation Outcomes (Part 3 of 4)

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## Summary

- Systematic reviews have assessed the psychometric properties of implementation outcome instruments in physical, mental and public health settings.
- Selection of a suitable implementation outcome instrument should be based on their reliability, validity and their pragmatism.

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Part 1

Part 2

End of part 3

Part 4



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