

Appraising evidence about OMs (PROMs)

| Research validity of the study | | Yes | No | Insufficient |
|---------------------------------------|--|---|-----------|---------------------|
| 1 | Is the instrument described and is there a standardized protocol for administration and scoring which is described fully? | | | |
| 2 | Are the observers/testers appropriately trained or certified? | | | |
| 3 | Were the data collected on an appropriate sample which is representative of the population to whom the measure will apply? | | | |
| 4 | Is the sample size adequate? | | | |
| 5 | Is the OM of interest understandable (readable) by all population for whom it is intended? | | | |
| 6 | Is the OM instrument of interest easy to score and interpret? | | | |
| Reliability of instrument | | | | |
| 1 | Did the investigators evaluate the internal consistency of OM instrument of interest? | ----Adequate design and methods used ----Inadequate description of design & methods used ----Inadequate internal consistency (<0.70) ----No information found about internal consistency | | |
| 2 | Did the investigators evaluate the reproducibility (test-retest) of OM instrument of interest? | ----Adequate design and methods & ICC (> 0.70) ----Inadequate description of design & methods used ----Inadequate reliability ICC (0.70) ----No information found about reliability | | |
| 3 | Did the investigators evaluate the limit of agreement of OM instrument of interest? | ----Adequate design and methods (k &/or SEM) ----Inadequate description of design & methods used ----Inadequate agreement ----No information found about agreement | | |
| Validity of the instrument | | | | |
| 1 | Did the investigators evaluate the content validity of OM instrument of interest? Does the measure make intrinsic sense face validity (expert opinion/consensus)? | ----Patients and investigators or expertise involved in assessment ---- Only patients involved in assessment ---- No patient involved in assessment ----Inadequate description of design & methods used ----No information found about internal consistency | | |

| | | |
|--|--|--|
| 2 | Did the investigators evaluate the construct validity of OM instrument of interest? Is there evidence of the test's construct validity? | <ul style="list-style-type: none"> ----Adequate design and methods used ----Inadequate description of design & methods used ----Inadequate construct validity ----No information found on construct validity |
| 3 | Did the investigators evaluate the criterion validity of OM instrument of interest? | <ul style="list-style-type: none"> ----Adequate design and methods used ----Inadequate description of design & methods used ----Inadequate criterion t validity ----No information found on criterion validity |
| 4 | Did the investigators evaluate the OM instrument of interest on a population other than the one for which it originally was designed? | <ul style="list-style-type: none"> ----Adequate design and methods used ----Inadequate description of design & methods used ----Not applicable |
| Responsiveness and interpretability of instrument | | |
| 1 | Did the investigators evaluate the responsiveness of OM instrument of interest? | <ul style="list-style-type: none"> ----Adequate design and methods and results (effect size, standardized response mean) ----Inadequate description of design & methods used ----Inadequate responsiveness ----No information found about responsiveness |
| 2 | Did the investigators evaluate the ceiling and floor effects of OM instrument of interest? | <ul style="list-style-type: none"> ----No floor or ceiling effects identified ----Floor &/or ceiling effects > 15% of instrument ----No information about |
| 3 | Did the investigators evaluate the interpretability of OM instrument of interest? | <ul style="list-style-type: none"> ----Two or more types of information provided (SD) ----Inadequate description of design & methods used ----Inadequate responsiveness ----No information found about interpretation |
| 4 | Did the investigators evaluate the minimal clinical importance difference (MCID) of OM instrument of interest? | <ul style="list-style-type: none"> ---- MCID calculated ----Inadequate MCID ----No information found about MCID |
| 5 | Do you have enough confidence in the research validity of tis paper to consider using this evidence with your patients/client? | <ul style="list-style-type: none"> ----- Yes ----- No ----- unable to decide |

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Results reported that are specific to your clinical questions

- Cronbach's alpha ()-----

- Correlation coefficient (s)-----

- Effect size (s)-----

- Standardized response mean (SRM)-----

- Others-----

- Statistical significant and/precision of the relevant study results-----

| Application of evidence to patients/client | | Yes | No | Insufficient |
|---|---|------------|-----------|---------------------|
| 1 | Are there clinically meaningful differences between the subjects in the study and your patients/client | | | |
| 2 | Can you administer the OMs of interest appropriately in your clinical setting with your current resources | | | |
| 3 | Does the OMs of interest fit within the patient/client expressed values and preference? | | | |
| 4 | Will you use the PROMs of interest for this patient/client? | | | |

