Reviewer’s report

Title: Psychometric properties of the Patient Assessment of Chronic Illness Care measure (PACIC-5A) among patients with obesity

Version: 0 Date: 10 Sep 2018

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER COMMENTS: To view the full report from the academic peer reviewer, please see the attached file.

REVIEWER COMMENTS FROM REPORT: This was an interesting study. The Review was comprehensive and discussions were widely and relatively through.

REQUESTED REVISIONS:

I suspect the one factor structure of this original 5 factor structure was reported by this study. It is obvious that the number of factor structure is a controversial topic based on the authors' review. However, different number of factors achieved by different studies mainly due to different statistical methods used from the information provided by the authors. This highlights the importance of methods.

The best instrument development or confirmation should use several methods, such as EFA, CFA, scree plot, eigenvalue and interpretation criteria together. We did not see the CFA and interpretation application in this study. We also did not see the scree plot. We are not clear if the raw score (not average score) was used in the analysis.

Since this is longitudinal study, test-retest should be used.

For detecting association between outcome or patient characteristics and instrument scores, the regression analysis is better than simple correlation analysis. We suggest the authors do a repeated regression analysis too.

ADDITIONAL REQUESTS/SUGGESTIONS:

NA
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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