Reviewer's report

Title: Inequalities and factors associated with adherence to diabetes self-care practices amongst patients at two public hospitals in Gauteng, South Africa

Version: 0 Date: 28 Oct 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?

No - there are issues with the statistics in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable

OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?

Probably - with minor revisions
PEER REVIEWER COMMENTS:

GENERAL COMMENTS:

This is a well written paper that addresses a very important area of clinical research.

The paper is well structured and written in a scientific manner.

REQUESTED REVISIONS:

- The authors make reference to 'diabetic patients' on several occasions. I suggest that they rephrase this to 'people living with diabetes'.

Methods

- Why did the authors settle for an age range beginning from 21 years (please provide the rationale).

- In line 21, reference is made to a 'pre-tested questionnaire'. Please comment on the validity and reliability of this questionnaire.

- What is the range of the DDS? (line 155 to 160)

Statistical Analysis

- Provide more details on how data was handled with specific reference to missing data, sample size calculation etc.

- The analysis plan is to brief. It does not mention descriptive analysis but in the results section this is presented.

- Table 1 (not common to report percentages and SD)

ADDITIONAL REQUESTS/SUGGESTIONS:

No

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

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

Yes

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

Yes

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.

I am able to assess the statistics

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

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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