Reviewer’s report

Title: Interaction of nutritional status and diabetes on active and latent tuberculosis: A crosssectional analysis

Version: 1 Date: 26 May 2019

Reviewer: Kavitha Saravu

Reviewer's report:

Reviewer's Comments:

Interaction of nutritional status and diabetes on active and latent tuberculosis: A crosssectional analysis
INFD-D-19-00453R1

The authors have improvised the paper. My specific comments on this revision are:
1. Table 1: Other Comorbidities: the numbers for individuals with renal failure and HIV are too low; It may be that all individuals are not tested for this. In that case the number of individuals tested can be mentioned.

The authors in the revision have reported that it is the history of renal failure and history of HIV positive that was captured. Manuscript Revisions: We added the following sentence. "Individuals were questioned regarding a history of renal failure or HIV infection." (Methods section; study procedures)

Reviewer: The same has to be reflected in the table 1; History of renal failure/ and history (self-reported status) of HIV

2. "To determine LTBI status, the study nurse measured induration within five days and the majority within three days."

Reviewer: Usually TST has to be read within 48-72 hours. Would it be possible that the delay of 5 days might have resulted in negative test for LTBI in some patients. Would this have altered the association of DM and LTBI?

3. Discussion, Page 17, Line 4: Prior studies suggest diabetes may increase the risk of LTBI.(18 19 35). As the present study shows a different result from few previous studies with respect to LTBI and DM, what may be the reasons for the difference? Any difference in method of testing for LTBI?

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.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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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

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