Reviewer’s report

Title: Determinants Of Poor Glycemic Control Among Adult Patients With Type 2 Diabetes Mellitus In Jimma University Medical Center, Jimma Zone, South West Ethiopia: A Case Control Study

Version: 0 Date: 20 Dec 2018

Reviewer: Trevor Orchard

Reviewer's report:

This is an interesting paper with some useful results. I do however have some general comments.

It requires extensive editing for both grammar and sentence structure.

I prefer the terminology often used in the main text of predictors or correlates rather than the word "determinants" used in the title and abstract.

References need to be cited accurately or fully. For example ref 5 is cited as evidence that good control leads to less CVD which is true for type 1 diabetes but not so clear for type 2 as is implied in para 1 on page 4

I think continuous variables are better examined in this design as means or medians rather than categorically like total cholesterol > 200.

Numbers should only be reported to one or two at most decimal paces.

AOR needs to be defined - presumably Adjusted Odds Ratio?

The analysis should be reviewed by a statistician as I don't believe the different types and combinations of medications are being optimally analysed. However, these seem important findings and worthy of careful analysis and it is particularly important to show whether the different medication combo's like metformin and Glibenclamide are likely predictors of a poorer outcome or just reflect disease severity/other confounders. Some analyses of patient characteristics of different medication regimens would therefore be helpful.

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 recommend additional statistical review

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

Not suitable for publication unless extensively edited

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