Author’s response to reviews

Title: Serum magnesium and high-sensitivity C-reactive protein as a predictor for gestational diabetes mellitus in Sudanese pregnant women

Authors:

Warda Naser (wardanasr@hotmail.com)

Ishag Adam (ishagadam@hotmail.com)

Duria Rayis (Duria11@hotmail.com)

Mohammed Ahmed (Awad22mohd@gmail.com)

Hamdan Hamdan (hamdanology@hotmail.com)

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Point to point response to the Reviewer report

We would like to thank the editor and the reviewers for their comments on the manuscript. We feel that these comments and the response have improved the paper.

Response to reviewer#1 comments:

Comment

The definition of GDM has been changed, the authors should cite the recent ACOG/ADA guidelines

Response

We agreed and cited the new ADA definition and guideline, please check the background section page #4 line #2-4 and methods section in page #6 line # 1.

1. The sample size is small (the authors state that the power is % 80 However, this power is for case-control studies this is a cross sectional study design the number needed is almost 1000 patients for predicting anything).

Response
Yes, we agreed that the study is small sample size and under power. We add this comment as a study limitation, please check conclusion section in page # 9 line # 10.

2. The authors report that there is no correlation between BM I and insulin indices and GDM which is well known vice-versa. Their study population is young and lean (%75 of the patients BM I are below 30) therefore the risk for GDM is very low (GDM prevalence of 15% is not appropriate for this population?). The authors either discuss this issue or add patients to their study.

Response

Yes, we agreed and add some discussion for this point in the discussion section. Please check the discussion section, page #8 line #24.

3. In page 4 line 36 the authors report that little is known about the relationship between GDM and hs-CRP. There are many studies on this issue.

Response

Yes, we agreed and we add a sentence describing this relationship. Please check page #4 line #16-17.

4. A reference is missing in page 4 line 43

Response

Yes, we agreed and added the missing reference. Please check introduction page #4 line #43.