

Format for ANSWERING REVIEWERS

October 18, 2014



Dear Editor,

Please find enclosed the edited manuscript in Word format (13410: -review.doc).

Title: Changing trends in management of gestational diabetes mellitus

Author: Poomalar G K

Name of Journal: *World Journal of Diabetes*

ESPS Manuscript NO: 13410

The manuscript has been improved according to the suggestions of reviewers:

I) The format has been updated

II) Revision has been made according to the suggestions of the reviewer

SUGGESTION 1: Revise the text to fix the grammatical errors and improve the overall readability of the text.

Correction has been done.

SUGGESTION 2: use only standard abbreviations.

Correction has been done.

SUGGESTION 3: An explicit definition of GDM should be provided. The author has described the prevalence of GDM in excessive detail, but has not sufficiently explained the maternal and fetal complications of this disease.

Definition for GDM has been added. Maternal and fetal complications have been added.

SUGGESTION 4: Information regarding the role of diet in GDM prevention. In addition description or definition of the prevention population (either pre-pregnancy women alone or both pre-pregnancy and pregnant women).

Role of diet in prevention of GDM has been added. Prevention measures have to be followed in pre-pregnant and pregnant women.

SUGGESTION 5: Various diagnostic criteria used in different countries worldwide have been listed; however, these should be further discussed rather than simply listed. Which would the author recommend.

Diagnostic criteria have been discussed. IADPSG criteria appear to be more logical.

SUGGESTION 6: In the last section of this manuscript, the present thesis was well summarized; however, the content of the manuscript would be more comprehensive if an outlook regarding future studies in this field were included.

Requirement of future studies has been added in the summary.

SUGGESTION 7: Some of the references do not seem very new.
Old references have been changed

SUGGESTION 8: Mention of pre-pregnancy weight loss. Weight gain during pregnancy for development of GDM.

The importance of pre-pregnancy weight loss and weight gain during pregnancy has been added.

SUGGESTION 9: There are many different bacterial strains of probiotics. Which ones have been shown to be beneficial and which have not. Also, store bought probiotics sometimes have a very low live cell count. Some advice on selection of probiotic products might be useful.

A mention about the choice of probiotic strain is made. Selection of probiotic products has been added.

SUGGESTION 10: Under diagnosis of GDM there is now a literature emerging on possible early biomarkers of risk of GD that can be detected in maternal blood, either peptides or metabolites. Mention of this and some examples as an emerging field would be useful as other reviews have not done this.

Use of MicroRNA in diagnosing GDM has been added.

SUGGESTION 11: The best algorithms for pump therapy to use in GDM for CGM (The Helen Murphy group in Cambridge).

Algorithms for pump therapy for GDM has been added.

SUGGESTION 12: Metformin activates AMPK pathways in the fetus, which results in neural tube defects, but there is also some discussion about when AMPK signaling actually matures in fetal tissues. There is sufficient biology to merit some sense of caution though.

Activation of AMPK pathway by metformin and issues associated with that has been added.

SUGGESTION 13: Figure to be added at the end of the article.

Flow chart has been converted to sentences and placed properly.

III) References and typesetting were corrected

Thank you again for publishing manuscript in the *World Journal of Diabetes*.

Yours sincerely,



G.K.Poomalar,
Associate Professor,
Dept. of OBGY,
Sri Manakula Vinayagar Medical College Hospital
Madagadipet,
Puducherry,
India - 605107.