Reviewer's report

Title: Smoking during Pregnancy and Risk of Abnormal Glucose Tolerance: A Prospective Cohort Study

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Reviewer: ELIANA WENDLAND

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Minor Essential Revisions
In page 4, paragraph 1, line 3: replace “non-methanol” by “non-menthol”.

Major Compulsory Revisions
In general, the article is well written and the research question is interesting and of public health significance. However, there are some considerations to do:

• This is not the first time that the association between smoking and glucose intolerance was studied in women from Latino America. Wendland et al. 2008 (Arq Bras Endocrinol Metab 2008;52/6) have studied over 4000 Brazilian women.

• Many previous studies that explore this association between smoking and gestational diabetes and AGT have not found any association. Wendland et al. showed that parity is an important confounding factor in the association. After controlling for maternal age, BMI weight gain, study center, and race, they found an inverse association between smoking and GDM in nulliparous women that smoke during pregnancy. After this publication, is important to explore the effect of parity in the Puerto Rico Latin women.

• Although not statistically significant, the measure of association between smoking and AGT was less than 1 and the association is increased after adjustments. It would be interesting to explore at greater length the reasons for these findings in the discussion.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
'I declare that I have no competing interests'