Reviewer's report

Title: Dietary variables associated with substantial postpartum weight retention at 1-year among women with GDM pregnancy

Version: 1 Date: 02 Feb 2017

Reviewer: Flo Harrison

Reviewer's report:

I am glad that the authors have taken on board the reviewers' comments, and I feel that the paper is much improved. I do, however, have a few further comments.

The one major comment that I have, is that I would like to see the results of all the logistic regressions, not just those that were statistically significant. There is much debate within epidemiology about the validity of significance testing, and I think it is not in the interests of transparency to let the relatively arbitrary threshold of 0.05 determine whether results are presented or not. I would like to see the results for eggs and processed meats added to table 3, and also to know if adjusting these analyses for the consumption of the other food types impacts the results.

A few more minor edits:

Page 5, around line 36 "The purpose of this study was to evaluate if specific food and beverage intake at 6-9 weeks postpartum that predict SPPWR at 1-year in women after GDM pregnancy"

Change to:

"The purpose of this study was to evaluate if the intake of specific food and beverages at 6-9 weeks postpartum predicts SPPWR at 1-year in women after GDM pregnancy"

Page 7 Clinical perinatal maternal and infant data - are all these variables (e.g. Apgar scores etc) used in the analysis? If not, you don't need to mention them.

Page 7, around lines 41-44: "Height was measured in bare feet to the nearest centimetre using a stadiometer (Seca, Model 69072) to the nearest 0.1 in.[14]"
Which is it? Nearest cm or 0.1 inch (they aren't the same!)
At 6-9 weeks, women completed the 18-item PrimeScreen to assess dietary intake, such as total energy intake (kcal/d), total and animal fat (% of kcals), dietary fiber (% of kcals),…"

Change to:

"At 6-9 weeks, women completed the 18-item PrimeScreen to assess dietary intake of total energy (kcal/d), total and animal fat (% of kcals), dietary fiber (% of kcals),…"

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 am able to assess the statistics

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

Acceptable
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