Author's response to reviews

Title: Fast food increases postprandial cardiac workload in T2D independent of pre-exercise: A pilot study

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Author's response to reviews: see over
Dear Editor,

Thank you for giving us the opportunity to correct our work for further consideration to publish in the Nutrition Journal. We hereby re-submit the edited manuscript. We have addressed the additional comments from the reviewers and hope our response is satisfactory. In addition we have carried out a change in an author affiliation upon request from our co-author. We have also carried out a minor change in a sentence to enhance consistency in interpretations of results. We hope this is found acceptable. Our changes in the manuscript have been written in red text.

Response to the reviewer’s 1 and 3 comments.

Reviewer 1, Louise Purtell:

“I would suggest rewording it to: "Fast food increases postprandial cardiac workload in T2D independent of pre-exercise: A pilot study"”.

Reply: We thank you for the good suggestion and have changed the title in the revised manuscript.

“I recommend using the new figures which include the exercise condition comparisons, although the 2nd and 3rd columns of graphs could be merged to show T2D HIIE+MIE, T2D NE, C HIIE+MIE and C NE on the same graphs for spacing purposes.”

Reply: We have now added the new figures, which include exercise, and hope it is presented according to what is intended in the recommendation. For presentation purposes (size of the figures and space to add figure text), we have divided Figure 1 into two figures (1-2) and we hope you can accept this suggestion. Thus four figures are now attached as opposed to three in the former manuscripts. Accordingly, the reference to figures are adjusted in the text and the figure texts are changed.

“The only thing that hasn’t been addressed sufficiently is the biochemical analysis section of the methods section. Please state exactly which tests are used to measure C-peptide, triglycerides etc (eg ELISA, radioimmunoassay).”

Reply: We have now specified the methods for the biochemical analysis of HbA1c, blood glucose, C-peptide, plasma triglycerides, total cholesterol, HDL and LDL and high-sensitive C-reactive protein (hs-CRP) and hope the information is considered adequate.
Reviewer 3, Hidetaka Hamasaki:

“(…) However, medical agents use is not sufficiently described in the revised manuscript. I would suggest to show the data in Table 1. (The authors showed the list of medical use in rebuttal letter, though).”

Reply: Thank you for the suggestion. We have added medical agent use to the revised manuscript in Table 1.