Reviewer’s report

Title: Accelerometer-Measured Versus Self-Reported Physical Activity Levels in Women Before and up to 48 Months After Roux-en-Y Gastric Bypass

Version: 1 Date: 28 Jan 2020

Reviewer: Harry Sax

Reviewer's report:

The authors have addressed my major concerns which focus on the small sample size and limitations of the accelerometer. My fellow reviewer has raised questions regarding appropriate statistical methods which are outside of my areas of expertise. The strength of the paper is that it confirms many of our biases regarding self reported activity (or any other habit such as alcohol consumption or smoking.) The big question is what do we do about it? Should patients get accelerometers from early postop with regular feedback on their smartphones? Should objective physical activity be entered into the medical record? If patients demonstrate that they aren't compliant, what are the consequences or interventions?

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.

Unable to assess

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 recommend additional statistical review

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

Needs some language corrections before being published
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