Reviewer's report

Title: Morbidity and health-related quality of life of patients accessing laparoscopic sleeve gastrectomy: a single-centre cross-sectional study in one province of Canada

Version: 0 Date: 12 Oct 2017

Reviewer: Beat Peter Müller-Stich

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The authors present their analysis of a prospective group of obese patients seeking to undergo bariatric surgery. The analysed data include morbidity, socioeconomic data and different measures of quality of life. In general, the findings of the study are interesting and worthwhile reading. The results are important both nationally and internationally as access to bariatric surgery is still somewhat restricted in many countries, although due to different reasons. This is despite the durable results in favor of surgical treatment for obesity and lack of alternative treatment methods, that provide successful long-term weight-loss. I have some comments: In general, the manuscript appears somewhat sloppily written, e.g. decimal places should be used in a meaningful way, abbreviations should be introduced at first appearance and should then be used consistently. Colloquial language should be avoided. Some specific comments:

Abstract: Results: Use decimal places consistently. Include statistics with p-values for group comparisons.

Methods: „The SF-12v2 (version 2) is a short version of the Short-Form 36 (SF-36) a validated tool used to assess general health.” I belive the SF is used to measure Quality of Life, not health in general. Please rephrase the following part and avoid these incomprehensible combinations „...higher..less..some" and similar ones. „A higher proportion of women compared to men reported less often "some problems" with self-care (9.5% vs. 25%, p < 0.05). Although women reported "some or extreme problems" less often for mobility (44.0% vs. 61.1%) and usual activities (50.6% vs 63.9%) these were not significant." Discussion: use less colloquial language and be consistent and precise with the number and percentages („close to 50%" vs „half”).

Discussion: The sections on quality of life would profit from the following references (PMID: 28029597, 27878423, 28058616, 24951069). The authors state in their methods section they follow up on the quality of life of their patients postoperatively at different points in time as part of this study. Do the authors plan to publish these results as well?

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:

Needs some language corrections before being published

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