Reviewer’s report

Title: Oral Health Related Quality of Life of Patients with Class III Skeletal Malocclusion Before and After Orthognathic Surgery

Version: 0 Date: 08 Aug 2018

Reviewer: Clarissa Drummond

Reviewer's report:

The main focus of the article was to "to determine the oral health-related quality of life of patients with class III skeletal malocclusion before and after orthognathic surgery." The study is very relevant, but some issues need to be clarified before it can be published.

1. Abstract

a) The purpose of the research in the abstract is different from the text. I suggest that the authors standardize.

2. Introduction

a) The first paragraph can be divided into 3 parts, according to the concept addressed. Please, check it out.

b) The justification for the study should be improved. It is unclear why this study is important.

3. Materials and Methods

a) The last paragraph of the introduction is written "Considering the variability in perception of beauty among different populations and racial and ethnic groups, the effect of class III skeletal malocclusion and positive effects of orthognathic surgery on the quality of life of these patients must be separately evaluated in different communities and ethnic groups." Was data collection for the present study assessed separately from the communities and ethnic groups?

b) In paragraph 1 of the Methods, define the study population better and and specify the location where it was conducted.

c) The type of study needs to be specified.

d) It is necessary to define the presence of a research team.

d) It is important to detail the OHID-14, MBSRQ and OQLQ indexes better. I suggest the authors to add the possible responses given to each instrument as well as the possible scores that the instruments can reach.

e) Was the clinical oral examination perfomed? If yes, I suggest the authors describe.

f) Please, the authors should add the approval number of the research ethics committee.

4. Discussion

a) The second paragraph mentions the groups the study (line 14), but confusedly. Please, check it out.
5. References

a) The references need to be formatted following the norms of the journal.

6. Tables

a) The tables need to be formatted following the norms of the journal.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

No

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

No

**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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