Reviewer's report

Title: Oral health and obesity indicators

Version: 4 Date: 4 October 2012

Reviewer: Silvia Sales-Peres

Reviewer's report:

1. Is the question posed by the authors well defined? Yes.
2. Are the methods appropriate and well described? How the authors divided female and male to analyze the WHR?
3. Are the data sound? Yes.
4. Does the manuscript adhere to the relevant standards for reporting and data deposition? Yes.
5. Are the discussion and conclusions well balanced and adequately supported by the data? Yes. The authors claimed that the concordance with other studies found low quality of life in obese people. However, this topic is not included into the methods.
6. Are limitations of the work clearly stated? I believe that the limitations of work should be better explained.
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished?
8. Do the title and abstract accurately convey what has been found? Yes.
9. Is the writing acceptable? Yes.

These points need review by the authors. They cited others studies and related only one.

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Self-perceived mouth dryness was related to obesity, in accordance with the findings in other studies [25] however, this association was modified by other factors in the full models.

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This was supported by the finding that the interaction between dental anxiety and dental visiting habits was significant, in accordance with other studies [5]. The self-perceived general health was also lower in this group, which is
concordant with other studies finding low quality of life in obese people [26, 27].

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.