Reviewer's report

Title: An economic evaluation of maxillary implant overdentures based on six vs. four implants

Version: 2 Date: 23 July 2014

Reviewer: Cristiane da Mata

Reviewer's report:

Review of manuscript entitled: “An economic evaluation of maxillary implant overdentures based on six vs. four implants”.

The manuscript is well written, with a well defined question and sound data and statistical analysis.

It brings relevant information on how to conduct detailed economic analyses, which are very scarce in the dental field. It presents an interesting methodological framework which can be used in future economic evaluations in Dentistry. It reads very well, with the authors clearly stating methods used and the limitations of the study. However, I believe a few minor changes would help improve the manuscript, as described below:

Minor Essential Revisions

1) The sentence on line 67 of Background refers to maxillary overdentures and yet, the reference given is of a literature review on mandibular overdentures. Is the reference correct?

2) Explain how the values for the cost multiplication factor were achieved.

3) Line 159: add "it" after "as".

4) Line 169: drop "of" after "above".

5) The terms cost-effectiveness, cost-efficiency and cost-utility are used interchangeably. I suggest clarification of these.

Discretionary Revisions

1) I would suggest that lines 105 to 109 of Methods should be included in the Discussion section.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests.