Reviewer’s report

Title: Unintended Consequences and Challenges of Quality Measurements in Dentistry

Version: 0 Date: 28 Nov 2018

Reviewer: Ilana Moodley

Reviewer's report:

This manuscript provides a good argument for the need to improve quality measures in Dentistry. It is well written and relevant to the current issues pertaining to Dentistry. The authors have identified four main challenges with the current measurement of quality and provide a good case for transforming quality measures into e-measures which can be adopted by even small individual and group practices to ensure the delivery of quality patient care. While there is a research grant number provided, there is no ethical approval provided. There are also some minor typographical errors noted as follows:

In the Abstract, the Discussion and Conclusion paragraphs have different line spacing and font. Also, the word Conclusion is not highlighted as a heading.

Line 185 - provides should be provide

Line 189 - insert the word when before extreme practices are observed.

Line 203 - Dental service organisation should read - Dental Service Organisation (DSO)

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.

Not relevant to this manuscript

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

Acceptable

**Declaration of competing interests**
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?
4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?
5. Do you have any other financial competing interests?
6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license ([http://creativecommons.org/licenses/by/4.0/](http://creativecommons.org/licenses/by/4.0/)). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal