Reviewer’s report

Title: Study Protocol of a Randomized Controlled Trial to Test the Effect of a Smartphone Application on Oral-health behavior and Oral Hygiene in Adolescents with Fixed Orthodontic Appliances.

Version: 1 Date: 30 Aug 2017

Reviewer: Dorota Kopycka-Kedzierawski

Reviewer's report:

The revised paper describes a study protocol for a RCT to test the effect of a mobile application on oral health behavior and oral hygiene practices among adolescents who currently are in treatment with fixed orthodontic appliances.

As written this manuscript is an elongated method section. I do not see the value of publishing it as presented by the authors. The mobile application is not described, not clear if it is widely available, free of charge or need to be purchased. The authors mentioned that the mobile application was piloted-by whom? Was it tested on adolescents? Is it user friendly? Do we know that teenagers will be using it?

As written, what is the value of this manuscript? It describes two arms of the study that was not yet conducted.

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.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Unable to assess

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:

Needs some language corrections before being published

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