Reviewer’s report

Title: What Really Happens in the Home: A Comparison of Parent-Reported and Observed Tooth Brushing Behaviors for Young Children

Version: 0 Date: 24 Dec 2018

Reviewer: Mark Moss

Reviewer's report:

This is a relatively small study to determine feasibility for data collection around health behaviors related to toothbrushing in children under age 3 years.

It is well written and demonstrates the practical aspects and barriers that observation of toothbrushing practices may involve. It is valuable work for establishing the data collection process in a research project.

The findings are nicely summarized. The limitations are clearly outlined.

I think the dollar amount of the incentive for participation should be listed. This is valuable information for investigators who are planning similar projects.

I have two additional minor concerns:

Abstract
Line 40 - I think it should be "smear" and not "spear" of toothpaste.

Discussion
Line 187 - edit to read "62% of parents/caregivers of children 3-4 years old report".
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.
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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3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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