Reviewer’s report

Title: Usefulness of a stool to stabilize dental chairs for cardiopulmonary resuscitation (CPR)

Version: 0 Date: 31 May 2019

Reviewer: Elizabeth Cuevas

Reviewer's report:

This is a very interesting study to improve the outcomes of CPR when cardiac arrest occurs during dental surgery. I think the burden of this outcome should be further enumerated in this study prior to publication - to describe the occurrence of such events in dental surgery and the outcomes/survival of these events. This study would have more impact if the burden of cardiac arrest during dental surgery was resulting in low quality or low compliance with AHA CPR guidelines, thus resulting in more deaths. Future efforts on this topic could include the further description of the difficulties of performing CPR in a dental surgery chair, and the difficulties of removing the patient to the floor or an other suitable environment.

What risks of harm or fall to the health care providers is anticipated with this method compared to traditional CPR?

In the human subject section, it is noted that no subjects are used. However, were the three health care providers not assessed on their performance? Is an IRB required by your institution for their participation?

Other suggested changes include minor grammar editing to improve clarity and verb agreement.

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.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
No

**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:

Needs some language corrections before being published

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