Reviewer’s report

Title: Diagnostic accuracy of three placement sites for the cold test in subjects amongst different age groups.

Version: 0 Date: 14 Sep 2018

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER COMMENTS: To view the full report from the academic peer reviewer, please see the attached file.

REVIEWER COMMENTS FROM REPORT: The authors have evaluated different placement sites for cold pulp sensitivity test. The authors have included the age of the patients as a variable in the analysis. The methods demonstrate attention to the details. The results of this study should be clinically relevant.

REQUESTED REVISIONS:

A major issue with the research is the sample size evaluation. The cross sectional study should have pre test power analysis. In the present study, the sample were divided into eight subgroups depending upon the age and the gender of the patients. Including less sample reduces the power of the study, making the results unreliable. The authors should now perform a reverse power analysis to support their conclusions.

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.

No

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

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