Reviewer’s report

Title: In Vitro comparison of cyclic fatigue resistance of TruNatomy in single and double curvature canals compared with different nickel-titanium rotary instruments

Version: 0 Date: 04 Oct 2019

Reviewer: M Dioguardi

Reviewer's report:

The study is very interesting. It concerns a new instruments for shaping the endodontic canal. A cyclic fatigue test was performed on single and double curvature artificial channels and the rpm at break and the fragment length were measured and a SEM analysis was also performed. Only some changes are recommended.

Introduzione*
Discuss if there are studies in literature dealing with TruNatomy with the relative conclusions of previous studies and how this study differs from the previous ones (for example: INTERNATIONAL DENTISTRY - AFRICAN EDITION VOL.9, NO. 4) materials and methods*
Describe better how the calculation of the rpm at break (for example chronometry or other) was performed.
I recommend the publication of the study, given the innovation of the instrument and the absence in scientific literature of tests performed on TruNatomy

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.

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 recommend additional statistical review

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