Reviewer's report

Title: Factors influencing incidents of complications while using Nickel-Titanium rotary instruments for root canal treatment; a questionnaire study

Version: 1 Date: 14 Aug 2019

Reviewer: Ahmed Jamleh

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format. Please overwrite this text when adding your comments to the authors.

The stated problems are clear but I don't think they were all studied in this paper. For example, the raised question (To what extent could the improvements in NiTi-RIs have minimized complications during root canal cleaning and shaping?) is not answered in this survey! Furthermore, I cannot see any data about the importance of glide-path you stated. This paraphaph needs attention.

METHOD
It is stated that the survey was sent to all endodontist. How systematic sampling was achieved in this study?

RESULTS
In Table 1, values in the last column looks different
In Tables 1 and 2, you use round brackets () and box brackets []. What is the difference?
No comparison is shown in Tables 3 and 5. Please rephrase the table descriptions
In Table 6, add "total" in the last raw
In Table 6, replace the description with "Table 6 Frequency of factors associated with the number of fractured NiTi-RIs (%)"

DISCUSSION
A reference is needed for this statement: "In Saudi Arabia, routine usage of NiTi-RIs is implemented in the endodontic postgraduate programmes' curricula. Hence, endodontic postgraduate students or residents were classified as endodontists"
Line 50, 1st paragraph: replace "reuses" with "uses"
Line 52, 1st paragraph: delete "most or"
Line 51-53, 4th paragraph: I cannot understand this sentence "The author believed that the further analysis of the data related to the number of fractured NiTi-RIs that the participants experienced since they began using them would reveal..."

CONCLUSION
Replace "misshape" with "mishap"
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.

Unable to assess

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:

Needs some language corrections before being published

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