Reviewer’s report

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

Version: 0 Date: 12 May 2019

Reviewer: Meric Karapinar Kazandag

Reviewer's report:

Abstract:

Author: "the number of RCTs performed per week was the most influential factor"

Reviewer: please clarify the effect of "the number of RCTs performed per week"

"the greater number" should be added here

Introduction:

Author: This questionnaire study was designed to investigate the complications associated with NiTi-RI usage in Saudi Arabian dental practice and to explore the influencing factors.

Reviewer: the aim of the study should be better clarified at the very last sentence of introduction.

Methods:

Reviewer: A clear definition of inclusion and exclusion criteria for participants is missing in methods part

Please insert approval number provided by Ethics committee

Results:

Author: NiTi-RIs use was included in the endodontic postgraduate program curricula. Consequently, those postgraduate students or residents who were enrolled were classified as endodontists.

Reviewer: This should be either in Methodology or in discussion. Definitely not in results.
Author: Thirty-two respondents (24 GDs, one endodontist, and 7 others) were categorized as ineligible because they had never performed RCTs [9,11]. Therefore, the final response rate was: 395/743 (775-24) = 53.2%.

Reviewer: Author should define inclusion and exclusion criteria in Methods part. Result part should include only the number of participants/questionnaires related to each exclusion criteria. Please use the word "percentage" rather than proportion in the explanations of the tables in results part.

Discussion:
Please add some comments regarding the manufacturers recommendations regarding multiple use of NiTi instrumentation. Please add some comments regarding the effect of type and duration of sterilization process applied to instruments for multiple use.

Conclusions:
"It is an inevitable incident,"
Please remove the expression above as your study neither asks nor answers such a question.

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 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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