Author’s response to reviews

Title: Impact of transparent tray-based application of bioactive glasses desensitizer on the permeability of enamel and dentin to hydrogen peroxide: an in vitro study

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Author’s response to reviews:

Dear BMC Oral Health editor and reviewers,

Thank you very much for your letter and for the reviewers’ comments concerning our manuscript entitled “Impact of transparent tray-based application of bioactive glasses desensitizer on the permeability of enamel and dentin to hydrogen peroxide: an in vitro study” (ID: OHEA-D-18-00648R2). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied the comments very carefully and have made correction which we hope meet with approval. The main corrections in the paper and the responds to the editors’ and the reviewers’ comments are as following.

Response to the editor’s comments:

1. We note you have include whether informed consent, written or verbal, was obtained from all participants, please clearly state this in the "ethics approval and consent to participate" section of your manuscript.

According to your request, we have added the statement “Written informed consents were obtained for all participants” in the “ethics approval and consent to participate” section of our manuscript.

2. Please note, the "Availability of Data and Materials” declaration refers to the raw data used in your study. The statement currently provided is not correct in the case of your manuscript.
According to your request, we have added the statement “The data sets used and analyzed during the current study are available from the corresponding author upon reasonable request.” in the “availability of date and materials” section.

Response to Dr. Franz (Reviewer 2)’s comments:
Thank you for your interests in our work. Based on your instructive suggestions, we accordingly revised the manuscript one by one as follows.

1. Results section on Page 7 Line 9, please change:” ...indicated that significant differences existed in these groups...” to " ...indicated that significant differences existed between these groups..."

We have changed the word in into between according to your request.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content of the paper. We appreciate for Editors/Reviewers’ warm work earnestly, and hope that the correction will meet with approval.

Yours sincerely
Tianda Wang