

July, 2021

Dear editor,

Please find attached files of revised manuscript in word format

Title: Treatment Effects and Periodontal Status of Chronic Periodontitis after Routine Er:YAG Laser-Assisted Therapy

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Name of Journal: World Journal of Clinical Cases

Manuscript NO: 68201

First of all, thank you for your careful guidance of this article. Revision has been made according to the suggestions of the reviewer:

Reviewer: 06100418

Chronic periodontitis has gradually become a main cause of tooth loss in adults. This retrospective study aim to introduce impacts of treatment effect and periodontal status of chronic periodontitis with Er:YAG laser assisted routine therapy. They evaluated 106 patients with chronic periodontitis from 2018 to 2020. They find that total effective rate of research group was higher than control group. Study is well-designed and sample size is wide. Authors concluded that chronic periodontitis are taken integrated treatments on the basis of routine therapy combined with Er:YAG laser therapy, which can promote periodontal conditions, down inflammatory factors level and colony forming unit in mouth, is beneficial to improve treatment of effect in whole. I have really appreciated the results section. However, some issues have to be addressed: 1. Please add more relevant background information on chronic periodontitis and its common treatment methods; 2. Please add limitations of your study to the discussion; 3. I would recommend language review by a Native speaker before resubmission. 4. I would also suggest having the discussion part more concise and organized.

Reviewer: 06100475

We reviewed with interest the manuscript "Clinical Observation of the Treatment Effects and Periodontal Status of Chronic Periodontitis after

Routine Er:YAG Laser-Assisted Therapy". The title reflects the main subject of the manuscript. The abstract summarizes and reflects the work described in the manuscript. The key words reflect the focus of the manuscript. The manuscript adequately describes the background. However, the reviewer suggests to present status and significance of the study more in the BACKGROUND. The manuscript describes methods in adequate detail. The research objectives achieved by the experiments are used in this study. The manuscript interprets the findings adequately and appropriately, highlighting the key points concisely, clearly and logically. The findings and their applicability/relevance to the literature are stated in a clear and definite manner. The discussion is accurate, and it discuss the paper's scientific significance and/or relevance to clinical practice sufficiently. The tables are sufficient, good quality and appropriately illustrative of the paper contents. The manuscript meets the requirements of biostatistics. The style, language and grammar are accurate and appropriate. The manuscript is a retrospective study, the author prepares the manuscript according to the appropriate research methods and reporting. The manuscript meets the requirements of ethics. The manuscript cites appropriately the latest, important and authoritative references in the introduction and discussion sections. To sum up, the manuscript is well, concisely and coherently organized and presented, and I do believe it would be of interest to the readers of World Journal of Clinical Cases.

Thank you for your advice.

After receiving the comments, we 1. Added more relevant background information about chronic periodontitis and its common treatments; 2. Added research limitations in the discussion; 3. Asked native speakers to re-examine the language; 4. Simplified the discussion section .

Thank you again for publishing our manuscript in the World Journal of Clinical Cases.

Sincerely Yours,

Yongzhi Gao