

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 68201

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

Reviewer's code: 06100418

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-06-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-21 00:02

Reviewer performed review: 2021-06-28 03:43

Review time: 7 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

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.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 68201

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

Reviewer's code: 06100475

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Australia

Author's Country/Territory: China

Manuscript submission date: 2021-06-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-22 09:40

Reviewer performed review: 2021-06-28 03:44

Review time: 5 Days and 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

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.