

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71401

Title: Periodontal-orthodontic interdisciplinary management of a “periodontally hopeless” maxillary central incisor with severe mobility: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05433618

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2021-09-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-24 03:31

Reviewer performed review: 2021-09-28 14:20

Review time: 4 Days and 10 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

SPECIFIC COMMENTS TO AUTHORS

Prognosis of periodontally hopeless teeth is of great concern for periodontists and dentists. This paper is well written, and shed thoughtful insight into our understanding of occlusal trauma in the progress of periodontitis. This case report has complete records to support that periodontal-orthodontic interdisciplinary treatment can help stability of periodontally hopeless teeth. However, some points need to be addressed before publication. 1. More discussion is still needed to explain the controversy about treating teeth with severe mobility, and explain how the dentists can differentiate primary and secondary occlusal trauma, since this point is important in individual clinical situation. 2. The authors should explain why they chose Bio-Oss bone particulates, and discuss the function and outcome of bone particulates. 3. Since periodontally accelerated osteogenic orthodontics (PAOO) is reported in literatures, more discussion regarding the difference of PAOO and traditional guided tissue or bone regeneration will definitely facilitate orthodontists to suggest a better periodontal regiment. 4. Clear aligners have been introduced into the orthodontic discipline. The authors may discuss the clinical decision of clear aligners or traditional fixed appliances in patients with advanced periodontitis.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05759186

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2021-09-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-21 10:30

Reviewer performed review: 2021-09-29 21:08

Review time: 8 Days and 10 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1. The title has been chosen appropriately with the subject. 2. The abstract section has been prepared appropriately. 3. The use of keywords is appropriate. 4. Although the background seems to have been prepared enough for this article, it will be helpful to support it with more up-to-date literature. For example: “Kurem I, Topsakal U, Ozturk T. Evaluation of multidisciplinary treatment relationship between orthodontics and periodontology departments by examining inter-departmental consultation notes. Niger J Clin Pract 2021;24:1234-9. “ 5. The Method section appears to have been prepared appropriately, but depending on the dental materials used. More information should be given about the stages of orthodontic treatment applied in this section. 6. The discussion section should be revised with support from the current literature. 7. Illustrations and table are presented appropriately. 8. The use of any statistical analysis is not required in the study. 9. While revising the background and discussion sections of the references section, it is inconsistent with the current literature. 10. The editing and presentation quality of the related article is good. However, when the mentioned points are revised, they will contribute more to the readers. 11. The reporting of this article has been well presented as it is based on the CARE Checklist.