

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77753

Title: Concrescence of maxillary second molar and impacted third molar: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06291740

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

Manuscript submission date: 2022-05-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-23 06:15

Reviewer performed review: 2022-05-23 06:32

Review time: 1 Hour

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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The article is well written with good and comprehensively discussion. The figures presented in the text are enough to clearly present the case report.

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Title: Concrescence of maxillary second molar and impacted third molar: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05182411

Position: Peer Reviewer

Academic degree: DDS, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-05-18

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-06-13 14:45

Reviewer performed review: 2022-06-13 14:50

Review time: 1 Hour

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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

SPECIFIC COMMENTS TO AUTHORS

In the manuscript entitled: "In the manuscript entitled: "Concrescence of maxillary second molar and impacted third molar: A case report", the authors examined a 47-year-old woman who complained of left maxillary first molar loss for half a year presented to our department seeking treatment by dental implant restoration. The authors found that Dentists should be aware of the possibility of concrescence when teeth, especially teeth in the posterior maxillary area, appear to be overlapping on imaging. CBCT is a useful tool for diagnosing and planning the management of tooth concrescence and may be beneficial for reducing unnecessary complication Major comments: In general, the idea and innovation of this study, regards attitude TMJ disorders is interesting, because the role these aspects in medicine are validated but further studies on this topic could be an innovative issue in this field could be open a creative matter of debate in literature by adding new information. Moreover, there are few reports in the literature that studied this interesting topic with this kind of study design. The study was well conducted by the authors; However, there are some concerns to revise that are described below. The introduction section resumes the existing knowledge regarding the important factor linked with CBCT and malocclusion. However, as the importance of the topic, the reviewer strongly recommends, before a further re-evaluation of the manuscript, to update the literature through read, discuss and must cites in the references with great attention all of those 3 recent interesting articles, that helps the authors to better introduce and discuss the role of TMJ and malocclusions and tooth inclusion involved in oral functions and dental care, in tooth anomalies. 1) doi: 10.1016/j.jbspin.2015.04.014. PMID: 26552635 2) Perillo L, Isola G, Esercizio D, Iovane M, Triolo G, Matarese G. Differences in craniofacial characteristics in



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Southern Italian children from Naples: a retrospective study by cephalometric analysis. Eur J Paediatr Dent. 2013 Sep;14(3):195-8. 3) doi: 10.2319/050615-309.1. PMID: 26502299
The authors should be better specified, at the end of the introduction section, the rational of the study and the aim of the study. In the central section, should better clarify inclusion and exclusion criteria of the patients. The discussion section appears well organized with the relevant paper that support the conclusions, even if the authors should better discuss the relationship malocclusions, TMJ dysfunctions and Tooth inclusions among adults seeking dental care. The conclusion should reinforce in light of the discussions. In conclusion, I am sure that the authors are fine clinicians who achieve very nice results with their adopted protocol. However, this study, in my view does not in its current form satisfy a very high scientific requirement for publication in this journal and requests a revision before a further re-evaluation of the manuscript.

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Title: Concrescence of maxillary second molar and impacted third molar: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06104963

Position: Peer Reviewer

Academic degree: DDS, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2022-05-18

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-06-10 06:49

Reviewer performed review: 2022-06-14 21:24

Review time: 4 Days and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" 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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

There are case reports in the literature showing maxillary second molar and impacted third molar concretion. The authors could not present a novelty unlike the cases presented in the literature. When faced with such a situation, is it possible to suggest a different technique or method for surgeons in tooth extraction? Physicians benefit from CBCT when treatment is planned for such closely related teeth in routine radiological examinations. In addition, can a different radiological recommendation be made? Why was it not preferred to separate the teeth during the operation? Wouldn't an undesired break in the operation pose a risk in the operation? Under the heading "2.Case Report", "The patient had undergone left upper posterior tooth root extraction half a year prior, and after that, she did not chew on her left side." In the sentence, the number of the relevant tooth can be given directly. In Figure 1, the contrast ratio of Panoramic radiography could be corrected. An asterix could be placed in the related anomaly area. The cross-sections of Figure 2 could be viewed up close to better show the teeth. It can be fixed as "sagittal plane" in figure legend (B). In Figure 3, it can be added from which side it shows the compression by lettering the photos. In Figure 4, the staining name and magnification dimensions used in histopathological examination can be added. The 20th reference does not contain any information such as the name of the author, editor or section editor etc.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77753

Title: Concrescence of maxillary second molar and impacted third molar: A case report

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Reviewer's code: 05182411

Position: Peer Reviewer

Academic degree: DDS, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-05-18

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-07-28 11:59

Reviewer performed review: 2022-07-28 12:00

Review time: 1 Hour

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
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

The authors have well addressed all comments raised by the reviewer. No further issues are needed.