



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77519

Title: Application of digital positioning guide plates for the surgical extraction of bilateral multiple impacted supernumerary teeth under local anesthesia: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03728140

Position: Peer Reviewer

Academic degree: MDS

Professional title: Associate Professor, Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-05-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-14 05:17

Reviewer performed review: 2022-05-23 04:53

Review time: 8 Days and 23 Hours

Scientific quality	<input checked="" 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 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 Grade E: Do not publish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



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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

The manuscript is quite interesting. To use digital technology CBCT and CAD-CAM for accurate diagnosis of the STs and then making surgical guides that will help during surgical extraction is an useful tool. However, it would make the treatment more expensive to the patient as the investigations and manufacturing of the guide plates would increase the expenditure.

Our response: Thank you for your comments. We have revised the discussion section according to your suggestions. Relative changes may be found in the revised discussion: “However, there are some limitations in the application of digital positioning guide plates. The production of the digital positioning guide plates requires external processing, which increases the preoperative preparation time. In addition, the cost of investigating and manufacturing the guide plates would make the treatment more expensive for the patient. Finally, 3D-printed surgical guide plates have certain limitations in terms of the accuracy of replication, which requires further study.”



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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03850246

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-05-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-09 09:23

Reviewer performed review: 2022-06-09 09:32

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
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

This report presents a rare case of seven impacted STs in the bilateral upper and lower arch that were successfully extracted with the use of digital positioning guide plates. The manuscript is clear and presented in a well structured manner. The study is well designed. Materials and methods are described in detail. Figures properly show the case. The conclusion is that the application of a digital positioning guide plate is useful for the individualized and minimalized extraction procedure of impacted supernumerary teeth. Please consider that you have submitted the edited version (mod rev) and there are some comments to manage which are asking if editing affected the meaning.

Our response: Thank you for your comments. The manuscript has been revised according to your suggestions and further edited by a professional English language editing company.



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Response to editorial office

(1) *Science editor:* The manuscript has been peer-reviewed, and it's ready for the first decision. Language Quality: Grade B (Minor language polishing). Scientific Quality: Grade B (Very good)

Our response: Thank you for your comments. The manuscript has been revised according to your suggestions and further edited by a professional English language editing company.

(2) *Company editor-in-chief:* I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. The title of the manuscript is too long and must be shortened to meet the requirement of the journal (Title: The title should be no more than 18 words). Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. In order to respect and protect the author's intellectual property rights and prevent others from misappropriating figures without the author's authorization or abusing figures without indicating the source, we will indicate the author's copyright for figures originally generated by the author, and if the author has used a figure published elsewhere or that is copyrighted, the author needs to be authorized by the previous publisher or the copyright holder and/or indicate the reference source and copyrights. Please check and confirm whether the figures are original (i.e. generated de novo by the author(s) for this paper). If the picture is 'original', the author needs to add the following copyright information to the bottom right-hand



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Our response: Thank you for your comments. The manuscript has been revised according to your suggestions. The title of the manuscript has been revised to “**Application of digital positioning guide plates for the surgical extraction of multiple impacted supernumerary teeth: A case report**”. The original figure documents have been supplied as PPT file.

According to your comment, we supplemented the latest cutting-edge research results as follows: “**Although the production cost of digital guide plates is high, there is still some room for improvement in accuracy. However, this situation will change as the technology advances and is continuously explored by dentists. Currently, digital guide plates are used not only in alveolar surgery but also in periodontal surgery [36] and implant bone augmentation [37] to achieve more precise, aesthetic and efficient treatment results. In summary, the application of digital guide plates contributes to safe and minimally invasive oral treatment, shortens treatment time and enhances patient comfort.**”

Related references have been added:



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- “36. Christian Coachman, Konstantinos Valavanis, Fernanda Camargo Silveira, Sergio Kahn, Alexandra Dias Tavares, Eduardo Mahn, Hian Parize, Felipe Miguel P Saliba. The crown lengthening double guide and the digital Perio analysis. *J Esthet Restor Dent* 2022; 5:1-7. [PMID: 35506552 DOI: 10.1111/jerd.12920]
37. Mihai Tarce, Joe Merheb, Marc Meeus, Karla de Faria Vasconcelos, Marc Quiryren. Surgical guides for guided bone augmentation: An in vitro study. *Clin Oral Implants Res* 2022; 33(5):558-567. [PMID: 35266206 DOI: 10.1111/clr.13916]”