

September 20th, 2021.

RE: 71271.

Dear editor,

We appreciate the time and efforts provided by the entire editorial team in evaluating/reviewing our manuscript, titled "Implant Site Development Using Titanium Plate and Platelet-Rich Fibrin for Congenitally Missed Maxillary Lateral Incisors: A Case Report". We have carefully addressed all the comments given to us and would kindly request to consider our paper for publication in World Journal of Clinical Cases Journal.

With this letter, we have addressed the reviewers' comments explicitly, and modified the manuscript accordingly with changes highlighted. We hope the newly revised manuscript will be acceptable for publication in your respected journal and look forward to your response.

Sincerely,

Corresponding author: Prof. Yanmin Zhou

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School and Hospital of Stomatology, Jilin University,

Reviewer Number	Original comments of the reviewer	Reply by the author(s) -	Changes done on page number and line number
Reviewer # 1 - 05236774			
1	The paper is about an interesting case report. However, please mention the surgical steps in details that you used to displace the labial bone plate and how to make sure that the base of the labial bone plate was attached.	Thank you very much for the comment, we have added the surgical steps as follow: Firstly, the bone was expanded to form receptor site for implant by ridge splitting set (Helmut, Zepf, Germany) without removing any bone from the implant site. The labial bone plate was displaced carefully, ensuring that its base remained attached.	Page 5, Line 124-126
2	Also, why the authors used bio guid on top of the titanium mesh? Please mention the advantages and the limitations	Thank you very much, we have used the biological membrane as we believe that the main advantage is as a mechanical barrier to preserve the bone granulates in-situ and prevent soft tissue from growing into the bone defect.	Page 7, Line 180
Reviewer # 2 - 04161243			
1	Why don't you use PTFE in this case. Is Titanium mesh was aggressive for this area?	Thank you very much for the comment, we didn't use the PTFE for the following reasons: It is not a low-cost polymer. Besides, it can change shape under pressure, so we believe it is unwieldable. More importantly, the T-plate can fix the labial bone plate and maintain the osteogenic space	-
Reviewer # 3 - 05433558			
1	The title is missleading, because it only addresses the use of a titanium mesh (which was really a titanium plate, not a mesh), and PRF, but you	Thank you very much for the comment. We have changed title because it was misleading.	-

	really did a conventional GBR procedure, which in that case is a very predictable procedure, and addenda a bone expansion, the titanium plate and the PRF. Taking into account the pool of procedures done to perform the site development, is really difficult to address the added benefit of using the titanium plate and the PRF in conjunction with a GBR procedure, which increase the costs and morbidity of the entire procedure.	Well, for the next comment we agree that it's a conventional GBR procedure at the same time the procedure addressed the added benefit, since the main benefits of using L-PRF is to enhance the healing by increasing the angiogenesis and also it is anti-inflammation autogenous biological material. while the titanium bar has a major benefit for preserving the buccal plate during this operation.	
2	There are also some grammatical errors which must be addressed	Thank you very much for the comment. We have addressed the grammatical errors and sent the manuscript to a professional proofread company. And we have certificate for that.	-
3	There is also no informaron regarding the PRF protocol used.	Thank you very much for the hint. We have added the information and highlighting it in the manuscript as follow: Using the standard protocol, a total of 2 PRF were established (2 whole blood samples were taken in 2 glass-coated 10 ml plastic tubes without any anticoagulant and immediately centrifuged at 3000 rpm for 10 minutes). Following that, one PRF clot was mixed with the xengraft bone substitutes, and the orther one was pressed into the membranes with a sterile dry gauze to cover bone granulates.	Page 5. Line 119-122.
Reviewer # 4 - 02728252			
1	It is an interesting case report about expanding the alveolar bone using Titanium mesh and platelet-rich fibrin for	Thank you very much for the comment.	-

	congenitally missed maxillary lateral incisors.		
2	The major concern is typos and grammatical errors presented through the whole manuscript.	Thank you very much for the comment. We have addressed the grammatical errors and sent the manuscript to a professional proofread company. And we have certificate for that.	-
3	CBCT of three dimensional is more valuable than plane one. In addition, the sequences of legends is not consistent with the images, please use software like Collage Maker to get a better composite figure.	Thank you very much for the valuable comment. We have used the Pre & Post – op CBCTs since we believe it is more valuable. Regarding the figures we will consider this program for our future researches, as we are following the journal's guidelines, we have to attach Tiff plus 600dpi or more figures.	-
Reviewer # 5 - Science editor			
1	Self-Citation Count: 3. The self-referencing rate should be less than 3%.	Thank you very much for the valuable comment. We have changed the 7 th and 10 th references. Now we have just one self-citation.	
2	The article needs a great deal of language polishing, also, please avoid long sentences.	Thank you very much for the comment. We have addressed the grammatical errors and sent the manuscript to a professional proofread company. And we have certificate for that.	-
3	Figure should be combined with numbers.	Thank you very much for the valuable comment. We have added numbers for all the figures.	-
Reviewer # 6 - Company editor-in-chief			
1	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.	Thank you very much for the acceptance. We have arranged all the figures as required.	-

