Reviewer’s report

Title: Autotransplantation of mature impacted tooth to a fresh molar socket using a 3D replica and guided bone regeneration: two years retrospective case series

Version: 0 Date: 22 Aug 2019

Reviewer: M. EzEldeen

I would like to thank the authors on their effort to write this paper. However, the paper is not ready for publication in its current form. I will elaborate in the next lines.

Title: Does not describe what is in the paper and should be changed to: One year retrospective case series describing the autotransplantation of 10 mature third molars

Abstract:
Aim: the aim is not to evaluate one tooth transplantation is to report the outcome for a case series
Results: poorly reported please refer to Shahbazian et al., 2013 (DOI 10.1016/j.oooo.2013.01.025) for the appropriate method of reporting
Conclusion: not in line with what is reported please revise

Introduction:
In general poor english and needs to be rewritten
Page 2: line 33: rewrite to --&gt; Tooth autotransplantation instead of Autotransplantation of a tooth
First paragraph needs to be rewritten:
The authors are missing or ignoring key references for tooth autotransplantation in general mainly from the Jens Andreasen 1- (http://www.ncbi.nlm.nih.gov/pubmed/2318261) 2- (http://www.ncbi.nlm.nih.gov/pubmed/2318262) 3- (http://www.ncbi.nlm.nih.gov/pubmed/2318259)
Moreover, key reference for CBCT-guided tooth autotransplantation (PMID: 30786806) where a CBCT guided is compared to conventional transplantation in a clinical trial.

Page 3: line 9: change to stage of root development
Page 3: line 11: and so on !! -&gt; not scientific writing
Page 3 line 22: please add references Shahbazian 2013 (DOI 10.1016/j.oooo.2013.01.025) and EzEldeen M 2019 (PMID: 30786806) for clinical trial CBCT guided TAT

Materials &amp; Methods:
Page 4: what is concentrated growth factor, which growth factor it is?
Pre operative procedure:
- What is the CBCT scan protocol?
- What is the segmentation method?
- Which software used for 3D planning is any was used ?
- Did you validate the printer for accuracy?

Surgical procedure:
- Poor English example line 30: we put.. should be the donor tooth was transplanted
- CGF do you mean L-PRF membrane ?
- Fiber band --&gt; are you using rigid fixation ?, please elaborate
Post operative --&gt; follow up
- page 6 line 17 change to according to the criteria described by Tsukiboshi

Results:

should be presented as a case series

have a look on (DOI 10.1016/j.oooo.2013.01.025) for reference

Discussion

please rewrite

Include key papers on CBCT guided transplantation as mentioned above

Conclusion:
1 year is too short for such a strong conclusion please rephrase

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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