

Aging increases the risk of flap necrosis in murine models: a systematic review

John P. Garcia, Francisco R. Avila, Ricardo A. Torres-Guzman, Karla C. Maita, Abdullah S. Eldaly, Luiza Palmieri, Omar Emam, Claudia C. Chini, Eduardo N. Chini, Antonio J. Forte*

*Corresponding author

Antonio J. Forte

Division of Plastic Surgery, Mayo Clinic, 4500 San Pablo Rd, Jacksonville, FL 32224

Handling editor:

Michal Heger

Department of Pharmaceutics, Utrecht University, the Netherlands

Department of Pharmaceutics, Jiaying University Medical College, Zhejiang, China

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1st Editorial decision

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Aging Increases the Risk of Flap Necrosis in Murine Models: A Systematic Review

Journal of Clinical and Translational Research

Dear Dr Forte,

Reviewers have now commented on your paper. The reviewer raised several key issues that resulted in a reject recommendation. However, the editorial board believes that the manuscript can be improved if the suggestions are strictly followed. We therefore would like to extend a chance to the authors to considerably improve the manuscript accordingly through extended revision. If you are prepared to undertake the work required, I would be pleased to reconsider my decision.

For your guidance, reviewers' comments are appended below and attached to this decision email.

If you decide to revise the work, please submit a list of changes or a rebuttal against each point which is being raised when you submit the revised manuscript. Also, please ensure that the track changes function is switched on when implementing the revisions. This enables the reviewers to rapidly verify all changes made.

Your revision is due by Sep 30, 2022.

To submit a revision, go to <https://www.editorialmanager.com/jctres/> and log in as an Author. You will see a menu item call Submission Needing Revision. You will find your submission record there.

Yours sincerely

Michal Heger
Editor-in-Chief
Journal of Clinical and Translational Research

Reviewers' comments:

Reviewer #1: The review article summarizing the role of angiogenesis in skin flap survival has described and listed few articles but the text is redundant and has not been described critically. Different articles has been summarized one by one and the authors have not included their input or thoughts. The article looks like a summary statement. The English language and grammar is very poor and need thorough check. The authors mention they use inclusion and exclusion criteria but has not listed them. Graphical abstract is very basic and should be improved involving molecular mechanisms involved in wound healing. The molecular mechanisms and the mediators involved in wound healing and the effect of aging should be discussed clearly in a separate section. The text is a mix of wound healing and aging, is very general. Please see yellow highlight for example.

There is additional documentation related to this decision letter. To access the file(s), please click the link below. You may also login to the system and click the 'View Attachments' link in the Action column.

Authors' response

List of changes

***Major changes are written in RED text, however the changes in grammar and language were not highlighted given the number of them.**

- 1. Different articles have been summarized one by one and the authors have not included their input or thoughts.**
 - a. We thank the author for this comment. Our thoughts and analysis are included in the discussion section of this review. Although we don't analyze every article independently, we do express our thoughts regarding the conclusions of the articles included as a whole.
- 2. The article looks like a summary statement.**
 - a. We thank the author for this comment. The present article has the purpose of being a systematic review of the current literature, therefore it will inevitably have a summary of the included studies in order to make a final conclusion based on their results. Our thoughts on the most relevant findings are included in the discussion section.
- 3. The English language and grammar is very poor and need thorough check**
 - a. We thank the author for this comment. We have ran the article through a grammar and language software and we have made the pertaining edits.
- 4. The authors mention they use inclusion and exclusion criteria but has not listed them.**

- a. We thank the author for this comment. We have made these criteria clearer in the methods section of our study.
 - 5. Graphical abstract is very basic and should be improved involving molecular mechanisms involved in wound healing.**
 - a. We thank the author for this comment. We have performed a switch where figure 4 has been edited and has replaced the graphical abstract. Figure 4 has been replaced by a new figure explaining the molecular and cellular process of wound healing in a deeper way.
 - 6. The molecular mechanisms and the mediators involved in wound healing and the effect of aging should be discussed clearly in a separate section.**
 - a. We thank the author for this comment. We have added an extensive text in the discussion section, where we discuss the normal wound healing along with the effects of aging on the cascade. A new figure has also been added to reinforce this topic.
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2nd Editorial decision
04-sep-2022

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Dear authors,

I am pleased to inform you that your manuscript has been accepted for publication in the Journal of Clinical and Translational Research.

You will receive the proofs of your article shortly, which we kindly ask you to thoroughly review for any errors.

Thank you for submitting your work to JCTR.

Kindest regards,

Michal Heger
Editor-in-Chief
Journal of Clinical and Translational Research

Comments from the editors and reviewers: