

Peer Review File

Article information: <https://dx.doi.org/10.21037/atm-23-1515>

Review Comments

Reviewer A

I recommend the authors on their effort in publishing this manuscript.

Comment 1: I suggest highlighting the importance of mechanism of injury on the outcome despite having multiple other risk factors that may be in favor of a successful outcome or against it. I believe the mechanism of injury plays the most vital role in outcome and patient selection.

Reply 1: Thank you for the suggestion. We agree that mechanism of injury influences the outcome as multiple studies have shown. We have included these studies.

Changes in the text: Added a subsection “Mechanism of injury and outcomes”, Pages 11-12, Lines 231-253.

Comment 2: I would also suggest discussing the indications and role of vein grafts in various situations and review the literature in this regard.

Reply 2: Thank you for the suggestion. The role of vein grafts in digital replantation is significant. We agree that it is important to explore this.

Changes in the text: Added a subsection “Role of interposition vein graft for vessel anastomosis”, Pages 12-13, Lines 254-281.

Reviewer B

Comment 1: The criteria for choosing the articles and marking them as "relevant" could be disclosed; also, it would be better if it was specified if the search was conducted on Google Scholar.

Reply 1: Thank you for the comment. As this is not a systematic review or scoping review, we selected topics that we deem as current or controversial for digital replantation. Also, we chose to discuss factors that affect replant survival that were identified in other systematic reviews. We have further included our search terms in Table 1.

Changes in the text: Added “Relevant articles pertaining to digital replantation and

deemed by the authors as current or controversial were included”, Page 3, Lines 46.
Added search terms in Table 1.

Comment 2: The last sentence of the second paragraph of the introduction, lines 68-69, where it reads "Replanted digits without sensation or function are often considered unacceptable" could be better placed within that paragraph, as it seems to not be connected to the entirety of the text.

Reply 2: Thank you for the suggestion. We have placed the sentence in another part of the paragraph. The intended message was to convey that replantation techniques have progressed significantly to the point that replanted digits without sensation or function are not acceptable.

Changes in the text: Page 5, Lines 77-80.

Comment 3: In lines 159-162, where the Tamai and Yamano classification is described, it could be better if it were only named and during the next paragraphs, where each zone will be discussed, it can be also described; instead of "Zone I is distal to the lunula; zone II is proximal to..." it can be explained in line 164 as "In zone I, distal do the lunula, usually...", line 171 "In zone II, proximal to the lunula and distal do the DIP joint..." and so on.

Reply 3: Thank you for the suggestion. We have done the above changes

Changes in the text: Pages 10-11, Lines 196, 203, 212, 218.

Comment 4: In line 211, the expression "in amputate and stump" seems to be a typo; i believe it was supposed to be "in the amputated part and stump"?

Reply 4: Thank you for bringing this error to our notice. We have corrected it.

Changes in the text: Page 14, Line 305.