

Peer Review File

Article information: <https://dx.doi.org/10.21037/aoj-23-39>

Reviewer A:

I'd like to commend the authors on a well performed narrative review regarding ACL reconstruction. Please see specific comments below.

1. TITLE

Comment 1: The current title is broad and vague. Please make this title more inclusive of your study objective.

Reply 1: Thank you for your suggestion. I modified the title as you mentioned.

Changes in the text: Line1-4

2. ABSTRACT

Comment 2: Line 21-22: improper grammar. Please revise this sentence

Reply 2: Thank you for your suggestion. I revised the sentence.

Changes in the text: Line23-25

Comment 3: Please expand the methods section

Reply 3: Thank you for your suggestion. I modified the title as you mentioned.

Changes in the text: Line35-38

Comment 4: The objectives are unclear and ought to be revised

Reply 4: Thank you for your suggestion. I revised the objectives.

Changes in the text: Line32-34

Comment 5: The conclusion is vague and needs to be improved. Please make clear, and concise recommendations drawn from your study results

Reply 5: Thank you for your suggestion. I revised the conclusion.

Changes in the text: Line47-50

3. INTRODUCTION

Comment 6: Good background information and rationale for your review. Again, there are grammatical errors that need attention. Sufficient references are provided.

-The purpose statement is different from the one in the Abstract. Please consider revising and matching the purpose statements in both abstract and introduction for consistency.

Reply 6: Thank you for your suggestion. I modified the manuscript in Introduction.

Changes in the text: Line54-96

4. LITERATURE REVIEW

Comment 7: Please consider revising the methods section to include process for identifying literature search (years considered, language, study design, etc.) and add specific inclusion/exclusion criteria (if applicable).

Reply 7: Thank you for your suggestion. I added the information and tables you mentioned.

Changes in the text: Line98-104, Table 1,2

Comment 8: The literature regarding ACL reconstruction techniques and graft choices are described in sufficient detail.

Reply 8: Thank you for your suggestion. I added a few sections and several kinds of single-bundle techniques.

Changes in the text: Line109-142, Line189-234 (ACL augmentation, ACL repair), Line267-275 (peroneus longus tendon), Line287-301 (Synthetic graft)

Comment 9: Please add a paragraph on study limitations at the end of the literature review, before the conclusion.

Reply 9: Thank you for your suggestion. I added the section of strengths and limitations.

Changes in the text: Line 347-355

Comment 10: Please add next steps for other researchers in the field to fill in gaps in the literature that your review has identified.

Reply 10: Thank you for your suggestion. I mentioned in the conclusion.

Changes in the text: Line357-365

Comment 11: Concluding statements are not clear and need to be revised to support the findings of your review and match your objective statement.

Reply 11: Thank you for your suggestion. I modified the conclusion.

Changes in the text: Line357-365

5. CONCLUSION

No comment

6. REFERENCES: Satisfactory

7. TABLES/FIGURES: Great use of tables and figures to support your review.

Reviewer B:

I am pleased to submit to you my review of your article.

The topic discussed is interesting; it is somewhat debated and could be helpful in orthopedic clinical practice.

Many concerns encumber it with a major revision.

Some suggested corrections have been listed below. Please answer point by point.

1. TITLE

No comment

2. ABSTRACT

Comment 1: The abstract is inappropriately long. Remember that according to the journal guideline, it should be composed of 200~350 words maximum. Background and Objective should be significantly reduced, trying to get straight to the point.

Reply 1: Thank you for your suggestion. The text in abstract was revised to 341 words.

Changes in the text: Line22-52

3. INTRODUCTION

Comment 2: Line 57: "age," referring to what? It sounds like a word inserted in the wrong context. The sentence needs to be rewritten to make sense of the intended expression.

Reply 2: Thank you for your suggestion. I deleted the word.

Changes in the text: Line59

Comment 3: The entire introduction paragraph should be revised. The topic should be better introduced.

Reply 3: Thank you for your suggestion. I revised the entire introduction.

Changes in the text: Line54-96

Comment 4: Please provide the exact hypothesis in detail when explaining the purpose of the study. The reader must also understand why your study is clinically relevant. What makes your analysis more appropriate than others already published? What is new about it? What makes your study necessary? What is different about it? What is comparable? You must indicate what is original about your research. What makes it worthy of publication?

Reply 4: Thank you for your suggestion. I added our hypotheses.

Changes in the text: Line92-94

4. LITERATURE REVIEW

Comment 5: Line 95: Here, you put a paragraph "Surgical procedures," but you are talking about the difference between SB and DB, so you should change the section's name.

Reply 5: Thank you for your suggestion. I modified the section's name.

Changes in the text: Line106-107

Comment 6: Also, you didn't report any surgical procedures. Single ACL reconstruction procedures should be reported and analyzed: TT, transportal, all-inside, over-the-top, etc.

Reply 6: Thank you for your suggestion. I modified the detail of surgical techniques.

Changes in the text: Line107-235

Comment 7: It would also be interesting if you talked about ACL repair, a new and fashionable concept again, and ACL augmentation in partial ACL injuries. I am attaching two interesting studies for you to write these missing sections: doi: 10.1177/03635465221126171; doi: 10.1016/j.jor.2022.11.018.

Reply 7: Thank you for your suggestion. I added these sections.

Changes in the text: Line189-235

Comment 8: Line 123: Abbreviate "range of motion" with a range of motion (ROM).

Reply 8: Thank you for your suggestion. I modified the title as you mentioned.

Changes in the text: Line159-160

Comment 9: Line 153: When you talk about graft selection, add a section on the use of synthetic grafts.

Reply 9: Thank you for your suggestion. I added the section of the synthetic graft.

Changes in the text: Line287-301

Comment 10: Line 154: Among autologous grafts, it also talks about the use of peroneus longus. I am attaching a study that helps write this part: doi: 10.1007/s00167-020-06279-9.

Reply 10: Thank you for your suggestion. I added the detail of the peroneus longus tendon autograft.

Changes in the text: Line1-3

5. CONCLUSION

Comment 11: Get to the point. Write what you found important without being repetitive and your research's importance.

**Reply 11: Thank you for your suggestion. I modified the title as you mentioned.
Changes in the text: Line267-275**

6. TABLES/FIGURES

Comment 12: Must be implemented with the additional considerations and suggested enhancements on techniques, grafts, and procedures to be added in the text.

**Reply 12: Thank you for your suggestion. I modified and modified the tables .
Changes in the text: Table 1-5**

Comment 13: Add 2-3 figures on ACL reconstruction/grafts used to make the study more attractive.

**Reply 13: Thank you for your suggestion. I added figures with and without tunnel coalition of the tibial tunnel.
Changes in the text: Figure 1**