



**PEER-REVIEW REPORT**

**Name of journal:** *World Journal of Orthopedics*

**Manuscript NO:** 82273

**Title:** Rotator cuff repair with an interposition polypropylene mesh – a biomechanical ovine study

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 03678933

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Chief Physician, Professor

**Reviewer’s Country/Territory:** China

**Author’s Country/Territory:** Singapore

**Manuscript submission date:** 2022-12-15

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2023-02-22 01:04

**Reviewer performed review:** 2023-03-02 12:42

**Review time:** 8 Days and 11 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Novelty of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
<b>Creativity or innovation of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The use of Polypropylene mesh as a biomaterial for repairing massive rotator cuff tears has not been widely reported, it is considered a certain amount of innovative approach. However, it is important to note that Polypropylene mesh alone is not adequate for rotator cuff tear repair and should be combined with Fascia lata grafts. To enhance the trial, it is recommended to include an additional group that uses Fascia lata grafts augmented with Polypropylene mesh.