

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 83526

Title: Role of platelet-rich plasma in the treatment of rotator cuff tendinopathy

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06386646

Position: Peer Reviewer

Academic degree: FRCS, FRCS (Ed), MD

Professional title: Surgeon, Vice Editor-in-Chief

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: Chile

Manuscript submission date: 2023-01-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-02-15 18:35

Reviewer performed review: 2023-02-16 18:49

Review time: 1 Day

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 Grade E: Do not publish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

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

SPECIFIC COMMENTS TO AUTHORS

very good narrative review

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Peer-review model: Single blind

Reviewer's code: 05089997

Position: Editorial Board

Academic degree: Doctor, MD, PhD

Professional title: Consultant Physician-Scientist, Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: Chile

Manuscript submission date: 2023-01-31

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-16 16:02

Reviewer performed review: 2023-03-23 20:39

Review time: 7 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<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
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Peer-reviewer statements	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

Authors The review displays the role of platelet-rich plasma in treating rotator cuff tendinopathy suggesting its future potential role in patients with contraindications to corticosteroids or with an inadequate healing process. It provides useful and updated information on the matter. It is well-written and requires minor revisions. I recommend also considering the following remarks: • R63: Please correct the quoting numbers • R68-69 rephrase • R78: The verb should be “include” • R103: rephrase • R108: I suggest replacing the word “repair” from the syntax “tendon repair” with another one • R115: rephrase • R117: I suggest explaining a bit about the role of “tenocyte” • I recommend explaining more about the PRP mechanism - a scheme could help to clarify the information and the way it attenuates the symptoms • R231- rephrase • R354- rephrase • R659 - please correct the description of table 2 specifying the studies that were compared to PRP studies