

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 82922

Title: Progress in diagnosis and treatment of acute injury to the anterior talofibular ligament

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05866874

Position: Peer Reviewer

Academic degree: PhD

Professional title: Physiotherapist, Professor, Senior Lecturer

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2022-12-30

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-01-07 16:04

Reviewer performed review: 2023-01-07 16:42

Review time: 1 Hour

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 Grade E: Do not publish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

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear authors: First of all I would like to congratulate you on the production of this manuscript. Then I would like to suggest some areas of improvement for your research. - Throughout the manuscript you refer to the use of anti-inflammatory drugs for acute pain relief in this type of injury, in addition to referring to the PRICE protocol. I should point out that the most common guideline for the treatment of acute injuries today is the PEACE&LOVE protocol in which each letter refers to a recommendation, as does the PRICE protocol. In this more up-to-date protocol, they emphasise the recommendation not to use anti-inflammatory or pain-relieving medication, so you should reflect this in your manuscript. In addition, I suggest that you detail this updated protocol in your manuscript. On the other hand, they should include that one of the advantages of ultrasound is that it has no detrimental effects on the patient, as MRI or CT can have. They also refer to traditional Chinese medicine and in this section they should be careful, as in some regions this type of medicine is not recognised by researchers and health professionals. Finally, in my opinion, in order to overcome any type of ligament injury and instability, these types of injuries must be worked on with proprioception and if

they are lower limb injuries, they must be subjected to loading. Therefore, they should refer to proprioception as a fundamental part of the recovery process. Best regards.

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Reviewer's code: 03999237

Position: Peer Reviewer

Academic degree: MS

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-12-30

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-02-16 04:26

Reviewer performed review: 2023-02-26 00:46

Review time: 9 Days and 20 Hours

Scientific quality	<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
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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

The article appears to have lot of information regarding the talofibular ligament injuries. The article needs some modifications. The language and spelling need significant improvement. Pathogenesis. The word talocalus has been used - please correct. The title of the article states acute talofibular ligament injury, however there is a lot of information regarding chronic injury. The recommendations need to be clear regarding the management of acute talofibular ligament injury. It would be informative to add the definition and time frame that can be referred to acute talo fibular ligament injury. The outcome for non-operative treatment, and indications for surgical management, need to be clearly mentioned to ensure a simple clear message to the average reader. The discussion and conclusion could be modified to give a clear message regarding acute injury patterns and its management. The article needs to highlight the evolution of evaluation and management of the acute injury. The recent article from WJO has comprehensive information regarding the same. World J Orthop. 2020 Dec 18;11(12):534-558. doi: 10.5312/wjo.v11.i12.534. Acute ankle sprain in athletes: Clinical aspects and algorithmic approach. This article for review is similar and needs



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significant modifications.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: MS

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-12-30

Reviewer chosen by: Li Li

Reviewer accepted review: 2023-03-15 08:51

Reviewer performed review: 2023-03-15 08:59

Review time: 1 Hour

Scientific quality	<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
Language quality	<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
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statements

Conflicts-of-Interest: [] Yes [Y] No

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all recommendations have been addressed