



PEER-REVIEW REPORT

Name of journal: *World Journal of Meta-Analysis*

Manuscript NO: 87026

Title: Exploring influences on return to sport and work after lateral ankle sprain - a systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05458177

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Surgeon

Reviewer’s Country/Territory: Indonesia

Author’s Country/Territory: Netherlands

Manuscript submission date: 2023-07-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-26 03:29

Reviewer performed review: 2023-07-31 06:56

Review time: 5 Days and 3 Hours

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| 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 Grade E: Do not publish |
| Novelty of this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" 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 |



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| 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 type="checkbox"/> Major revision <input checked="" 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

1. The title is misleading, as the study is not mainly evaluating the "motivation and psychological factors". Please clarify 2. Which part of the results were stating the significance of "preoperative and psychological factors"? Please clarify 3. How the authors determine that the delay of RTW were due to the psychological factors and not the proprioceptive disturbance?



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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: Netherlands

Manuscript submission date: 2023-07-19

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-06 23:13

Reviewer performed review: 2023-08-14 15:55

Review time: 7 Days and 16 Hours

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| 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 |
| 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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| Scientific significance of the conclusion in 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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input 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

The objective of this systematic review and meta-analysis is to determine factors that may influence return to work (RTW) and return to sports (RTS) after lateral ankle sprain. The quality and importance of this manuscript are good. The new findings of this study is that preoperative motivation and psychological factors may influence return to sport and work after lateral ankle sprain. Future studies should aim to assess the weight of psychological factors in return to sports and work. In my opinion the conclusions appropriately summarize the data that this study provided. The limitations of the study and its findings is that considerable number of literatures with follow-up of only 1 month were included. This affects the reliability of the results.



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Peer-review model: Single blind

Reviewer’s code: 04214534

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: Netherlands

Manuscript submission date: 2023-07-19

Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-07 07:16

Reviewer performed review: 2023-08-16 01:44

Review time: 8 Days and 18 Hours

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| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish |
| Novelty of this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No novelty |
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| | Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

Specific Comments to Authors 1. The title of this article is: “Preoperative motivation and psychological factors may influence return to sport and work after lateral ankle sprain: a systematic review and meta-analysis”, The content of the study on preoperative motivation is lacking, the conclusion lacks credibility, and the content of the article does not match the title. (Only one included study was found to be associated with preoperative motivation—Bouveau V, Housset V, Chasset F, Bauer T, Hardy A. Return to sports: Rate and time after arthroscopic surgery for chronic lateral ankle instability. *Orthop Traumatol Surg Res* 2022;108(7):103398. [doi: 10.1016/j.otsr.2022.103398] [published Online First: 20220906] [PMID: 36084915]) 2. A large amount of research content and research work are related to the research characteristics and risk of bias of the included articles, and Lack of correlation with the preoperative motivation mentioned in the title of the article. 3. Some of the language logic and grammatical mistake of the article. (eg: ① Two authors independently and individually screened the identified studies for relevance based on their title and abstract using Rayyan QCRI 16 as data management software. ② This variability can introduce potential limitations in the



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interpretation and generalisability of the results.)