PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 61340

Title: Slacklining: An explanatory multi-dimensional model considering classical mechanics, biopsychosocial health and time

Reviewer's code: 02460217

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: Australia

Manuscript submission date: 2020-12-04

Reviewer chosen by: Lian-Sheng Ma

Reviewer accepted review: 2020-12-14 17:36

Reviewer performed review: 2020-12-18 11:03

Review time: 3 Days and 17 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The purpose of this study was to overcome slacklining's limited formulated explanatory models. Slacklining is an activity with increasing recreational use, but also has progressive adoption into rehabilitation. The content is innovative and interesting. The structure of the proposed article is more related to a literature review (or book-chapter). This work could be a special issue. The document is complex and very long, with a high number of words (more than 10,000 words). However, there are some minor mistakes. Slacklining is achieved through self-learned strategies that optimize energy expenditure without conceding dynamic stability, during the neuromechanical action of balance retention on a tightened band. From my point of view, in the future different types of "tightened band" could be developed to train balance, stability, motor control for rehabilitation medicine. Therefore, this article could be interesting for clinicians and researchers.

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 61340

Title: Slacklining: An explanatory multi-dimensional model considering classical mechanics, biopsychosocial health and time

Reviewer's code: 01436649

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Australia

Manuscript submission date: 2020-12-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-04 14:12

Reviewer performed review: 2020-12-22 12:57

Review time: 17 Days and 22 Hours

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study, which deserves full attention. I would strongly encourage the presentation of the manuscript in the present form.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Orthopedics

Manuscript NO: 61340

Title: Slacklining: An explanatory multi-dimensional model considering classical mechanics, biopsychosocial health and time

Reviewer's code: 01436649

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Australia

Manuscript submission date: 2020-12-04

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-01-14 14:47

Reviewer performed review: 2021-01-14 14:54

Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study, which deserves full attention. I would strongly encourage the presentation of the manuscript in the present form.