



**Baishideng
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PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 84599

Title: Application of cross migration theory in limb rehabilitation of stroke patients with hemiplegia

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06129444

Position: Peer Reviewer

Academic degree: FACS, MD

Professional title: Assistant Professor, Doctor, Research Associate

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2023-04-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-11 01:14

Reviewer performed review: 2023-04-17 02:28

Review time: 6 Days and 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 Grade E: Do not publish
Novelty 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 novelty
Creativity or innovation 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 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 checked="" 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 incidence of stroke is very high, and the complications is characterized by high disability and high recurrence rate. It has been found that training the opposite arm can offset muscle atrophy caused by limb fixation, and the phenomenon of cross-migration is unilateral, which can only be transferred from the dominant limb to the non-dominant limb. This study is designed to investigate whether unilateral strength training in hemiplegic stroke patients could lead to cross migration, an increase in bilateral muscle strength, and an improvement in lower limb motor function. This research is overall well designed and the manuscript well written. The results are interesting, and well discussed. Comments: 1. The manuscript requires a minor editing. Some minor language polishing should be revised. 2. The tables and figures should be moved to the end of the manuscript. 3. The discussion is some what long, please short it. 4. The references list should be updated.



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Peer-review model: Single blind

Reviewer's code: 06129478

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Associate Specialist, Researcher

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-04-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-10 02:43

Reviewer performed review: 2023-04-18 02:16

Review time: 7 Days and 23 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
Novelty 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 novelty
Creativity or innovation 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 creativity or innovation



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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

This is an interesting study of the application of cross migration theory in limb rehabilitation of stroke patients with hemiplegia. The study is well performed, and the results are interesting. The authors provided progressive resistance exercise training to the healthy limb through nursing intervention to maintain muscle strength of the healthy limb, promote the growth of muscle strength of the affected limb, prevent disuse syndrome, improve motor function, improve patient's quality of life, and improve nursing satisfaction. The reviewer suggests to accept this study after a minor editing of the manuscript. Thank you.