

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 87290

Title: Correlation study between motor rehabilitation level and psychological state in patients with limb movement disorders after stroke

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06520334

Position: Peer Reviewer

Academic degree: FACS, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

Manuscript submission date: 2023-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-14 10:17

Reviewer performed review: 2023-09-21 08:55

Review time: 6 Days and 22 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 Grade E: Do not publish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

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

Li XW et al. explored the correlation between motor rehabilitation level and psychological state in patients with limb movement disorders after stroke. They compared the motor function, daily living ability and psychological status in 80 patients with upper and lower limb dysfunction post stroke. It was found that there is a strong correlation between motor rehabilitation and the psychological state of patients with post stroke limb movement disorders. The higher the negative emotions, the worse the rehabilitation effect. This phenomenon has never been observed before. So, in my opinion, this paper is well-written. The experiment design is reasonable, and the results reflects the conclusion as well. I recommend its acceptance after the minor revision. The detailed comments are: 1) Should inclusion criteria include patients with limb dysfunction after stroke? 2) The comparison of general data, there were no difference between gender (60% vs. 62.5%)... Please supplement the proportion of 60% and 62.5% is male or female. 3) Reference 22 is an article about Outcomes Following Total Knee Arthroplasty, but the discussion in this manuscript is written in anxiety and depression affect the recovery of limb function instroke patients. This does not match the contents of

the references. Please check carefully. 4) There are several grammar and typo errors that need to be corrected. For example, the sentence “The lower upper limb score consists of 17 items and 34 points” is somehow confusing. "... between the control and psychological groups”, the “control” should be “normal”.

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Title: Correlation study between motor rehabilitation level and psychological state in patients with limb movement disorders after stroke

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06520477

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2023-09-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-15 08:43

Reviewer performed review: 2023-09-21 10:08

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 checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

Dear author, Thank you for sharing your article. Stroke is the most common cerebrovascular disease. Some people may experience a series of changes in their psychological state after illness, which affects rehabilitation training and recovery of limb function. The results of your study showed a strong correlation between the recovery of limb function with rehabilitation and psychological state of stroke patients. Therefore, during rehabilitation, it is necessary to pay close attention to psychological changes, and timely adjustments and interventions are beneficial for future rehabilitation. These suggestions are conducive to clinical use. Also, your article is good in scientific writing rules. The topic is actual and well described. Thank you for a useful and important synopsis of this important topic. The reviewer has no specific comments to the authors. Only a minor editing is required for the manuscript.