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PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 91433

Title: The Impact of Transcranial Electrical Stimulation on Serum Neurotrophic Factors and Language Function in Patients with Speech Disorders

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06729074
Position: Peer Reviewer
Academic degree: PhD
Professional title: Academic Research
Reviewer's Country/Territory: Denmark
Author's Country/Territory: China

Manuscript submission date: 2024-01-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-01-22 12:42

Reviewer performed review: 2024-02-02 08:47

Review time: 10 Days and 20 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
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	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Currently, the primary clinical treatment measures for language rehabilitation and psychological intervention are in use. However, traditional methods of language rehabilitation and psychological intervention tend to be monotonous, leading to low compliance among patients and significant variations in intervention outcomes. This study is designed to investigate the effects of transcranial electrical stimulation on language function, serum neurofactor levels, and developmental levels in patients with speech disorders. The findings of this study indicate a promising direction for incorporating TES in standard treatment protocols for speech disorders. The study is overall well designed and the results are interesting. After a minor revision, it can be accepted for publication. Comments: 1. The authors should edit the manuscript by a native English speaker. Some minor language polishing should be proofed. 2. Please further discuss the limit of the study. 3. Data in tables should be checked again. Move the tables to the end of the text. 4. Please update and edit the references list. Please provide the PMID numbers to each reference.