

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75999

Title: Electroconvulsive therapy plays an irreplaceable role in the treatment of major depressive disorder

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05906528

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor, Staff Physician

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-02-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-26 23:51

Reviewer performed review: 2022-02-27 00:03

Review time: 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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

In this letter to the editor the authors have discussed the physiological and neurobiological role/impact of ECT in various psychiatric disorders including major depressive disorder. They are highlighting that ECT should not be considered as the second line of management or last resort of treatment for major depressive disorder. Apart from several grammatical errors (one of the big ones being use of present and past tense in consecutive sentences) the letter covers the salient point of not overlooking the relevance of ECT in management of major depressive disorder among other psychiatric disorders.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05198640

Position: Peer Reviewer

Academic degree: DSc, MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Bulgaria

Author's Country/Territory: China

Manuscript submission date: 2022-02-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-25 07:28

Reviewer performed review: 2022-02-27 10:16

Review time: 2 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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
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SPECIFIC COMMENTS TO AUTHORS

This paper is a careful letter to the editor, which further expands on the role of electro-convulsive therapy and the mechanisms which underpin it on neuro-biological level. The authors may Also consider to comment on the whole-brain voxel based estimation of the quantitative changes in the brain volume over the time course following ECT: <https://www.sciencedirect.com/science/article/pii/S1053811921001725>