

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 64525

Title: Implications from translational cross-validation of clinical assessment tools for diagnosis and treatment in psychiatry

Reviewer's code: 02548382

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Bulgaria

Manuscript submission date: 2021-02-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-19 18:50

Reviewer performed review: 2021-02-20 07:40

Review time: 12 Hours

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input checked="" type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input checked="" type="radio"/>] Yes [<input type="radio"/>] No
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

An excellent review, but it lacks completely a discussion on genetic risk factors and pharmacogenomics, that could orient in both diagnosis and pharmacotherapeutics. In particular, polygenic risk is a hot issue with pertinence to what the authors discuss. The authors should add somewhere a statement that they will not deal in their selective review with these issues. They should state this in both introduction and report it among Limitations (they should add a small subsection just before Conclusions). In 4.1. Electro-convulsive therapy: "ECT was first performed by Ugo Cerletti in 1938 [48]". The authors should add after Cerletti "and his team", as several eminent doctors, like Lucio Bini and Franco Accornero were present and who had a role in the development of what they called electroshock. In their discussion of rTMS, the authors should mention the recent development of deep TNS, which compared to the rTMS, stimulates deeper portions of the prefrontal cortex and may be more effective in depression. Its advantage is a more diffuse stimulation area that may recruit more neuronal circuits at the expense of precision. The rest is fine.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Bulgaria

Manuscript submission date: 2021-02-19

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-03-18 08:53

Reviewer performed review: 2021-03-18 09:02

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS

Authors addressed all concerns.