

We would like to thank the editor and reviewer for their valuable help in revising and improving our paper.

The manuscript has been revised thoroughly according to the reviewer's advice. The main corrections in the paper were highlighted in yellow.

SCIENTIFIC QUALITY

Please resolve all issues in the manuscript based on the peer review report and make a point-by-point response to the issues raised in the peer review report. Authors must resolve all issues in the manuscript that are raised in the peer-review report(s) and make point-by-point responses to the issues raised in the peer-review report(s), which are listed below:

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Authors reviewed about the risk of HMS in TMS for mood disorders. As the results, TMS was safe and effective method, and no definite risk of HBS was shown. The results was understandable and informative. But several minor issues should be remained. Authors should show the data about anti-depressants in trials.

Reply: as requested, we added the data about antidepressants in the results section:

"We found four studies allowing the use of antidepressants: fluoxetine[49], paroxetine[46], amitriptyline[48] and not specified molecules (tricyclic antidepressants, selective serotonin reuptake inhibitors, serotonin-norepinephrine reuptake inhibitors)[45]".

" None of the studies that used antidepressants in addition to TMS treatment reported the onset of HMS[45,46,48,49]."

Several miss-spellings and typing errors were found.

Reply: a Professional Translator and Interpreter carefully edited the manuscript.

LANGUAGE QUALITY

Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, so that the manuscript's language will meet our direct publishing needs.

Reply: done

EDITORIAL OFFICE'S COMMENTS

Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are listed below:

(1) *Science editor:* 1 Scientific quality: The manuscript describes a meta-analysis of the hypomanic/manic switch after Transcranial Magnetic Stimulation in mood disorders. The topic is within the scope of the WJP. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: Authors reviewed about the risk of HMS in TMS for mood disorders. As the results, TMS was safe and effective method, and no definite risk of HBS was shown. The results were understandable and informative. The questions raised by the reviewers should be answered; (3) Format: There is 1 table and 4 figures; (4) References: A total of 72 references are cited, including 27 references published in the last 3 years; (5) Self-cited references: There is 1 self-cited reference. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wignet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately.

Reply: ok

2 Language evaluation: Classification: Grade B. No language editing certificate issued was provided.

Reply: as requested, we added a language editing certificate.

3 Academic norms and rules: The authors provided the Biostatistics Review Certificate. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJP.

5 Issues raised: (1) The “Author Contributions” section is missing. Please provide the author contributions;

Reply: done

(2) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor;

Reply: done

(3) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout;

Reply: we revised the reference list according to the request

(4) The “Article Highlights” section is missing. Please add the “Article Highlights” section at the end of the main text.

Reply: we added a "Article Highlights" section at the end of the main text

6 Recommendation: Conditional acceptance.