

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 76048

Title: Effect of celecoxib on improving depression: A systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06247743

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2022-02-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-27 15:26

Reviewer performed review: 2022-03-07 08:39

Review time: 7 Days and 17 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 Grade E: Do not publish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
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
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SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors highlight the effect of celecoxib on improving depression: a systematic review and meta-analysis. Overall, the topic is interesting and important; the analysis was well-performed and the results are important to understanding the effect of celecoxib on improving depression. I suggest a review of the manuscript by a native English speaker before publication. Minor review is necessary. My comments are below: 1. Why did the authors not mention the start year of studies? 2. The cut-offs for I2 values are not clear. Is 0-25% or 25-50% low? You must describe three levels (low, moderate, and high). In the rest of the manuscript, it is unclear how these designations are used. 3. Please Begg's plot and doi plot in the text. 4. The discussion section of the article is very short, please extend this section. 5. Finally, all the analyzed studies must be in the references chapter.

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Peer-review model: Single blind

Reviewer's code: 04163260

Position: Editorial Board

Academic degree: MD

Professional title: Academic Research, Full Professor, Lecturer, Senior Researcher

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2022-02-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-22 06:29

Reviewer performed review: 2022-03-22 07:07

Review time: 1 Hour

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
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**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

There are numerous minor writing errors in the article.