

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69556

Title: A meta-analysis of melatonin intervention to prevent delirium in hospitalized patients

Reviewer's code: 05322345

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

Manuscript submission date: 2021-07-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-08 06:25

Reviewer performed review: 2021-07-08 06:57

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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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

This review entitled “A meta-analysis of melatonin intervention in preventing delirium in hospitalized patients” seems to have been generally well executed and written. Also, I believe that this topic will be very interesting to the readers. I have only a few suggestions to improve the quality of the paper.

Introduction There is a close relationship between postoperative delirium and postoperative cognitive dysfunction. Moreover, postoperative delirium is considered to be a predictor of occurrence of postoperative cognitive decline. This issue has been discussed in the recent paper by Glumac et al (Postoperative Cognitive Decline After Cardiac Surgery: A Narrative Review of Current Knowledge in 2019, Med Sci Monit, 2019), so please include this information in your Introduction and Discussion.

Materials and Methods Please named the two authors who conducted literature screening and data extraction, and please name the author who resolved a disagreement.

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69556

Title: A meta-analysis of melatonin intervention to prevent delirium in hospitalized patients

Reviewer's code: 05207387

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-07-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-07-05 10:36

Reviewer performed review: 2021-07-10 15:49

Review time: 5 Days and 5 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Thanks for recommending me as a reviewer. This paper was proposed that the best intervention measures to prevent delirium in hospitalized patients provide evidence-based basis, and provide reference for the prevention and clinical treatment of delirium in hospitalized patients. If the authors complete minor revisions, the quality of the study will be further improved. 1. page 3: I suggest that the next sentence go to the Methods section. - This study has been registered on the PROSPERO website (No.: CRD42021264902) 2. page 4: Authors should be more specific about their search terms. In particular, search terms in the (English) database are very poor. If necessary, you must provide a MeSh term. 3. The title of Figure 1 is ambiguous. Figure 1 .Document screening flow chart 4. It may be helpful to readers if the author adds implications for follow-up studies in the Conclusion section.