



## 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

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)  
**https://**[www.wjgnet.com](http://www.wjgnet.com)

#### **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

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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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Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

#### **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.