

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 86627

Title: Effects of different intervention methods on psychological flexibility, negative emotions and sleep quality in chronic hepatitis B

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746973

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Researcher

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2023-08-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-11 01:23

Reviewer performed review: 2023-08-18 09:55

Review time: 7 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

SPECIFIC COMMENTS TO AUTHORS

The authors collected abundant baseline patient data to explore the effects of different intervention methods on psychological flexibility, negative emotions and sleep quality in chronic hepatitis B. After reasonable setting groups of combination and conventional, the authors showed that compared with the conventional group, the AAQ-II score, SAS score, SDS score, and scores of PSQI dimensions of the combined group were lower. While, the ESCA scores for all dimensions were higher in combination group compared with that in conventional group. In short, the topic of this manuscript is timely and interesting. The authors have organized the manuscript rationally, with good methodology and well-written English. However, some minor editing needs to be done before publication: 1. I noticed that in the Observation target part, the authors analyzed the psychological flexibility of patients before intervention, three months after intervention, and six months after intervention. But for other targets, they are evaluated only before and after the intervention. Are there any special reasons for the differences? 2. In the title, a word "in" is missing, which should be Effects of different intervention methods on psychological flexibility, negative emotions and sleep quality in chronic



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hepatitis B.

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Peer-review model: Single blind

Reviewer's code: 07746442

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Sweden

Author's Country/Territory: China

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Reviewer performed review: 2023-08-21 08:12

Review time: 11 Days and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Generally, patients with chronic hepatitis B (CHB) experience many problems, including low psychological flexibility, negative emotions, and poor sleep quality. To address this challenge, in this study, the authors aimed at investigating the therapeutic roles of different intervention methods on patient of chronic hepatitis B. The authors used primary clinical data, intervention methods, and statistical analysis to verify their hypothesis. The results showed that compared with conventional group, patients in combination group showed lower level of AAQ-II score, SAS score and SDS score, as well as higher level of ESCA scores for all dimensions. So, in my opinion, this paper is well-written. The experimental group setting is reasonable, and the results reflects the conclusion as well. I recommend its acceptance after the minor revision. The detailed comments are: 1) In Figure 1, the authors should label the significant difference in the figures to improve the readability of the manuscript. 2) There are several grammar and typo errors that need to be corrected. For example, the sentence “The data were presented as mean \pm standard deviation and the t-test was compare the difference between two sets of data” is somehow confusing.



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