# PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Surgery  
**Manuscript NO:** 84989  
**Title:** Autologous bone marrow infusion via portal vein combined with splenectomy for decompensated liver cirrhosis: A retrospective study  
**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed  
**Peer-review model:** Single blind  
**Reviewer’s code:** 02539765  
**Position:** Peer Reviewer  
**Academic degree:** MBBS, MD  
**Professional title:** Additional Professor  
**Reviewer’s Country/Territory:** India  
**Author’s Country/Territory:** China  
**Manuscript submission date:** 2023-04-06  
**Reviewer chosen by:** AI Technique  
**Reviewer accepted review:** 2023-04-06 06:54  
**Reviewer performed review:** 2023-04-07 03:02  
**Review time:** 20 Hours

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<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<tr>
<td>Novelty of this manuscript</td>
<td>[ ] Grade A: Excellent</td>
<td>[ ] Grade B: Good</td>
<td>[ ] Grade C: Fair</td>
<td>[ ] Grade D: No novelty</td>
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<tr>
<td>Creativity or innovation of this manuscript</td>
<td>[ ] Grade A: Excellent</td>
<td>[ ] Grade B: Good</td>
<td>[ ] Grade C: Fair</td>
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SPECIFIC COMMENTS TO AUTHORS

Although stem cell therapy for advanced liver illnesses has received a lot of interest lately, there is still a lack of large-scale, stratified trials, which leaves a knowledge vacuum on its effectiveness and safety. The value of the current study is constrained by its retrospective methodology, which only included a small number of selected patients. Moreover, the suggested surgical splenectomy in patients with decompensated cirrhosis can’t be a viable option just to relieve hypersplenism. Furthermore, I think that the topic of this paper might not be appropriate for the AI gastroenterology journal. The write up of the current study needs significant improvement. The English language is not clear at multiple places, particularly in the abstract. As the splenectomy group has been designated as the observation group and ABMI is the control, the patient stratification is confusing. Are the authors referring to the intervention group as the observation group? A separate table should provide the baseline characteristic. It is necessary to provide data on survival and MELD score changes in the study groups.
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**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 03322877

**Position:** Peer Reviewer

**Academic degree:** MD, MSc

**Professional title:** Professor

**Reviewer’s Country/Territory:** Turkey

**Author’s Country/Territory:** China

**Manuscript submission date:** 2023-04-06

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-05-25 06:23

**Reviewer performed review:** 2023-05-26 05:59

**Review time:** 23 Hours

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Scientific significance of the conclusion in this manuscript

[ ] Grade A: Excellent  [ Y ] Grade B: Good  [ ] Grade C: Fair
[ ] Grade D: No scientific significance

Language quality

[ ] Grade A: Priority publishing  [ Y ] Grade B: Minor language polishing  [ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority)  [ ] Accept (General priority)
[ Y ] Minor revision  [ ] Major revision  [ ] Rejection

Re-review

[ ] Yes  [ Y ] No

Peer-reviewer statements

Peer-Review: [ Y ] Anonymous  [ ] Onymous
Conflicts-of-Interest: [ ] Yes  [ Y ] No

SPECIFIC COMMENTS TO AUTHORS

This is a very interesting and educating paper reporting on the use of ABMI combined with splenectomy on DLC with eighty-three patients. They found that ABMI through portal vein in patients with DLC can significantly improve liver synthesis and secretion function, and removal of spleen promotes improvement of bone marrow hematopoietic and cellular immune functions. The authors should be congratulated for the tremendous effort they spent and the manuscript should be published after minor language polishing. For example the title would be better read like this "Autologous bone marrow infusion via portal vein combined with splenectomy for decompensated liver cirrhosis: a retrospective study".
### RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

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**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 02539765

**Position:** Peer Reviewer

**Academic degree:** MBBS, MD

**Professional title:** Additional Professor

**Reviewer’s Country/Territory:** India

**Author’s Country/Territory:** China

**Manuscript submission date:** 2023-04-06

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2023-06-09 02:29

**Reviewer performed review:** 2023-06-12 02:56

**Review time:** 3 Days

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SPECIFIC COMMENTS TO AUTHORS
I believe the revised manuscript meets the publication standards of the mentioned journal and therefore be accepted.