



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 74856

Title: Current perspectives on the role of liver transplantation for Langerhans cell histiocytosis: A narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03982286

Position: Peer Reviewer

Academic degree: N/A

Professional title: N/A

Reviewer's Country/Territory: Japan

Author's Country/Territory: India

Manuscript submission date: 2022-01-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-09 12:15

Reviewer performed review: 2022-01-09 12:23

Review time: 1 Hour

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 Grade E: Do not publish
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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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

The authors show the minireview of the liver transplantation for LCH. The review is so interesting, however, I have some concerns. 1. Which review is this, narrative or systematic? If so, please add that in the title. 2. What do you think is the liver transplantation effective for musculoskeletal LCH? Please discuss that citing following articles. Hashimoto K, Nishimura S, Sakata N, Inoue M, Sawada A, Akagi M. Treatment Outcomes of Langerhans Cell Histiocytosis: A Retrospective Study. *Medicina (Kaunas)*. 2021 Apr 7;57(4):356. doi: 10.3390/medicina57040356. PMID: 33917120; PMCID: PMC8067819. Hashimoto K, Nishimura S, Sakata N, Inoue M, Sawada A, Akagi M. Characterization of PD-1/PD-L1 immune checkpoint expression in the pathogenesis of musculoskeletal Langerhans cell histiocytosis: A retrospective study. *Medicine (Baltimore)*. 2021 Oct 29;100(43):e27650. doi: 10.1097/MD.00000000000027650. PMID: 34713856; PMCID: PMC8556058. 3. What do you think immune therapy is effective after the liver transplantation? Please discuss that citing the following article. Hashimoto K, Nishimura S, Ito T, Akagi M. Characterization of PD-1/PD-L1 immune checkpoint expression in soft tissue sarcomas. *Eur J Histochem*. 2021 Jul 2;65(3):3203. doi: 10.4081/ejh.2021.3203. PMID: 34218652; PMCID: PMC8273625.



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Peer-review model: Single blind

Reviewer's code: 03296953

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-01-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-10 08:44

Reviewer performed review: 2022-01-15 10:26

Review time: 5 Days and 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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

Thank you for inviting me to evaluate the review titled "Current Perspectives on the Liver Transplantation for Langerhans Cell Histiocytosis". It is an interesting paper, which summaries the current evidence and discusses the practical & ethical aspects of the role of liver transplantation in the management of langerhans cell histiocytosis, meanwhile shows the author's experience in treating this disease. Liver involvement in langerhans cell histiocytosis is very rare, the information in this review is helpful to clinical communities. The paper is well arranged and the logic is clear, and. The cited literature is comprehensive and modern. The provided figure and tables are well composed and understandable. The quality of language of the manuscript is quite acceptable for me. So, I recommend to you that this manuscript should be accepted. There are some advices for author: 1) The characteristic pathological changes in the Figure are marked by arrows; 2) The sentence " Liver is involved in 20-60% of patients with LCH" under LIVER INVOLVMENT IN LCH, 20-60% should be 20%-60%.



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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06117145

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: India

Manuscript submission date: 2022-01-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-10 01:33

Reviewer performed review: 2022-01-21 02:27

Review time: 11 Days

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
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
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SPECIFIC COMMENTS TO AUTHORS

This paper entitled "CURRENT PERSPECTIVES ON THE ROLE OF LIVER TRANSPLANTATION FOR LANGERHANS CELL HISTIOCYTOSIS" is useful for the management and treatment of LCH patients involving Liver. Considering the outcomes of liver transplantation (LT), LT can be the mainstay in the management of some LCH patients. I agree to the role of LT in this paper.