

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 78086

Title: Current management of liver diseases and the role of multidisciplinary approach:
a narrative review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05909344

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-24 02:47

Reviewer performed review: 2022-09-02 16:29

Review time: 9 Days and 13 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 Grade E: Do not publish
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Liver is an organ having extremely diversified functions, ranging from metabolic and synthetic to detoxification of harmful chemicals. This article only covers certain aspects of liver functions. Additionally, there doesn't seem to be a relationship between the different aspects covered. A focused narrative review on related features pertaining to the liver would have created a better impact.

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Peer-review model: Single blind

Reviewer's code: 02951945

Position: Editorial Board

Academic degree: MD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 00:05

Reviewer performed review: 2022-09-12 00:39

Review time: 1 Hour

Scientific quality	<input 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 checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input 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 checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1) The title does not sound gramatically correct- « Current management of liver diseases and the rôle of multidisciplinary approach : a narrative review » could be a better title

2) I do not think such an extensive topc can be reviewed into one article, revieweing mutidisciplinary approach of the entire spectrum of to liver and related conditions is beyond the scope of a single manuscript, if a detailed or meaningful review is conducted

3) Please restrict review to one of the aspects like management of decompensated cirrhosis, hepatocellularr cacinoa, transplantation or COVID and liver or pathophysiology of liver disease

4) Lot of the above mentioned issues are superficially touched in this review but does not do justice to the abundance of literature available on any of these individual topics

5) I do not think these statements should surface un a scientific review article- « it is customary to say that "one can survive for a moment without a stomach but not without a viable liver" They are more appropriate for Sunday magazine or articles for non medical professionals

6) The entire manuscript describes lot of important aspects of liver care and the assumptions derived do not seem to based on in depth review of insight For example- The Alberta HCC algorithm has improved the BCLC staging system in several ways and better reflects the current clinical practice guidelines in Alberta BCLC is a time tested clinical algorithm for HCC and it has a revision in 2022, which has answered most of the criticisms against its application. The Alberta HCC algorithm has not been vaildated in large studies to derive such conclusions

7) I would recommend authors to restructure the manuscript and focus on one of the pertinent aspects and conduct a more comprehensive review

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Peer-review model: Single blind

Reviewer's code: 03195661

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-11 08:02

Reviewer performed review: 2022-09-13 11:14

Review time: 2 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Major revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The paper by Nouhoum Bouare reviewed the research progress of various liver diseases, with special emphasis on the diagnosis and treatment of various liver diseases. This paper is informative; however, it was poorly organized, most likely due to that there are various liver diseases with quite different etiologies, pathogenesis, diagnosis, treatment and prognosis. The author discussed many types of liver disorders, however, none of them is systemic and without necessary integrity. For example, in the abstract, the author said that this review was aimed to discuss the involvement of exosomes, remdesivir, hyperthermia, and SARS-CoV-2 infection in hepatic damages. However, there are many other topics in the main body of this review, such as FLD, DILI, fibrosis, liver cancer, and even donor organ preservation. Most importantly, the author did not discuss any relative between exosomes, remdesivir, hyperthermia, and Covid-19 in most of these liver diseases. In the session of "Clinic, enzymology and immunology", I don't understand why the author discussed the treatment of DILI and HCC together in this session. Followed by this session, the "Diagnosis" session mainly discussed the imaging diagnosis of fibrosis and FLD, and ICG elimination for diagnosing hepatic function. Why not HCC, DILI, or other liver diseases? Similarly, in the "Liver therapeutic management" session, the author just discussed the employment of DAAs in HCC in BCLC-B/C stage, the management of solid benign liver tumors, and the hepatotoxicity of statin administration. In addition, I don't see the author has clearly discussed the "the role of multidisciplinary approach" in this review.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Editorial Board

Academic degree: MD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Mali

Manuscript submission date: 2022-08-17

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-10-12 21:48

Reviewer performed review: 2022-10-12 22:07

Review time: 1 Hour

Scientific quality	<input 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 checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input 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 checked="" type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I do not think anyone can discuss entire liver diseases in a single manuscript. Please select a topic within liver disease and then discuss the multidisciplinary approach. This review is very extensive and it is unable to capture all important areas of liver disease. Terms like "liver management", do not have a specific connotation. The discussion section is not well organized and doesn't convey key messages. I recommend authors to select a specific aspect of liver disease like decompensated cirrhosis, hepatocellular carcinoma or COVID-19 and liver and then rewrite the manuscript