

PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 87115

Title: Global burden of cirrhosis and other chronic liver diseases due to nonalcoholic fatty liver disease in 204 countries and territories, 1990–2019

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05531699

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2023-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-02 08:14

Reviewer performed review: 2023-08-05 09:11

Review time: 3 Days

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 Grade E: Do not publish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

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

This is a very good and comprehensive study on the burden of NAFLD worldwide over an extended period of time (1990-2019). This paper has the potential to become a milestone in the literature on the topic. Therefore, I feel that the Authors should make a major effort to improve readability of the paper. Indeed, the text is very hard to follow, and also Tables (although provided as supplementary material) are very difficult to read.

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Reviewer's code: 03765308

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2023-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-10 13:40

Reviewer performed review: 2023-08-12 08:40

Review time: 1 Day and 18 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 checked="" type="checkbox"/> Grade B: Good <input 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 type="checkbox"/> Minor revision <input checked="" 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 review looks great, but Table 1 is not found. So, I am unable to catch the complete idea of this manuscript. Comments 1. Table 1 is not found. 2. Please give NAFLD burden before COCLDs. 3. Please put Figure number in each figure. 4. In the expected Figure 2, the name marks of each color line are incomplete. Please arrange those lines sequence according to the degree of SDI.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Title: Global burden of cirrhosis and other chronic liver diseases due to nonalcoholic fatty liver disease in 204 countries and territories, 1990–2019

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Reviewer's code: 05531699

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2023-07-26

Reviewer chosen by: Xin-Liang Qu

Reviewer accepted review: 2023-08-29 14:59

Reviewer performed review: 2023-08-29 15:03

Review time: 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input 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

Many thanks for considering my comments. readability has improved. Again congratulations on this study.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Author's Country/Territory: China

Manuscript submission date: 2023-07-26

Reviewer chosen by: Xin-Liang Qu

Reviewer accepted review: 2023-08-29 14:35

Reviewer performed review: 2023-08-31 14:24

Review time: 1 Day and 23 Hours

Scientific quality	<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
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
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statements

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

SPECIFIC COMMENTS TO AUTHORS

Summary This review collects global data of cirrhosis or other chronic liver diseases (COCLD) from patients with NAFLD. They found that the age standardized COCLD prevalence rates increased during the past three decades. Whereas the age-standardized death rate and age-standardized DALY rate decreased. **Comment** When global prevalence of COCLD of NAFLD and its outcome were concerned, it will be clearer to list global prevalence of NAFLD in each region. In the conclusion of abstract, the first sentence 'COCLDs due to NAFLD have emerged as a large and growing public health burden worldwide' may be deleted or move to background. In the characteristic line of Table 1, counts are not directly understandable and not specific. Please directly name the item counted. For example: Death cases among COCLD, Total COCLD No., DALY No. among COCLD. Please add abbreviation (COCLD) to the Table title. Please change ASR to ASDR or ASDAR to where it is appropriated. Similar changes may be applying to supplementary Tables. The supplementary Table included both sexes and mentioned in all the supplementary Tables except supplementary Table 2. Why sex should be mentioned? There is no sex column in these Tables. In the second paragraph of discussion, the last sentence mentioned 'although the diagnostic criteria of MAFLD were more accurate than those of NAFLD.' To my understanding these two classifications have different definitions. There is no which is more accurate than other's issue. In the last paragraph of discussion, the reviewer suggest weight loss is the most effective strategy of therapy. The reviewers neglect the contribution of exercise without weight loss in reduction of liver steatosis. Furthermore, there is no reference in this paragraph.