

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Hepatology*

**Manuscript NO:** 84812

**Title:** Evaluation of the nutritional status of patients with liver cirrhosis

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

**Peer-review model:** Single blind

**Reviewer's code:** 05352358

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Poland

**Manuscript submission date:** 2023-03-28

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

**Reviewer accepted review:** 2023-04-27 03:56

**Reviewer performed review:** 2023-05-04 15:30

**Review time:** 7 Days and 11 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 Grade E: Do not publish
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 type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

Chronic liver disease patients often have varying degrees of malnutrition, which is easily overlooked in clinical practice. This study used multiple methods to evaluate the nutritional status of patients with liver cirrhosis at different stages, and the results showed that as liver disease progresses, the degree of malnutrition also worsens. It has certain clinical significance. However, this study has certain limitations. Secondly, fat and muscle content indicators were mainly measured through the Body 770 device as indicators for evaluating nutritional status, but these indicators lack specificity. Moreover, albumin itself is one of the criteria for C-P grading, and it is inappropriate to use albumin as an evaluation indicator to evaluate the nutritional status of different C-P grades.

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**Peer-review model:** Single blind

**Reviewer's code:** 05560823

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Chief Physician, Deputy Director, Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Poland

**Manuscript submission date:** 2023-03-28

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

**Reviewer accepted review:** 2023-05-06 07:56

**Reviewer performed review:** 2023-05-07 13:16

**Review time:** 1 Day and 5 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
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
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<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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 study investigated the nutritional status of patients with liver fibrosis using multiple parameters of nutritional status. The results showed that liver fibrosis could be correlated to the deterioration of nutritional status parameters and the malnutrition was associated with the progression of liver fibrosis. There are several major concerns that are listed as below. 1. There were many parameters that were used to evaluate the nutritional status in the study. Did the parameters perform consistently when evaluating the nutritional status of the individuals? 2. How did the authors measure the extent of liver fibrosis in the study? The methods should be specified in the methods part. 3. In the figures, the statistical comparison and significance were not shown to draw conclusions. 4. The ethnic statement was not shown in the methods part.

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**Peer-review model:** Single blind

**Reviewer's code:** 02538689

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** Poland

**Manuscript submission date:** 2023-03-28

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

**Reviewer accepted review:** 2023-05-05 07:38

**Reviewer performed review:** 2023-05-15 06:53

**Review time:** 9 Days 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
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

This is a well written manuscript about the nutritional status of adult patients with liver cirrhosis. Assessment of nutritional status is carried out by several methods and it is demonstrated that mainly the arm circumference, lean body mass, skeletal muscle mass, phase angle, hand grip strength, and SGA score were useful parameters. I would also like to know the etiology of cirrhosis in the study group and whether there is any correlation between the etiology and nutritional status.