

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 72876

**Title:** Definition and classification of acute-on-chronic liver diseases

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

**Peer-review model:** Single blind

**Reviewer's code:** 02522427

**Position:** Editorial Board

**Academic degree:** FACP, MBChB, MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Saudi Arabia

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

**Manuscript submission date:** 2021-11-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-11-06 08:56

**Reviewer performed review:** 2021-11-10 19:21

**Review time:** 4 Days and 10 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

## SPECIFIC COMMENTS TO AUTHORS

The article is aimed to define and classify Acute on chronic liver disease. Comments: The article did not add to the existing data about this condition in the literature. the flow of the article is somewhat confusing to readers like this statement( At this point, the disease has progressed to severe hepatitis, decompensated cirrhosis, and even acute-on-chronic liver failure (ACLF) characterized by high short-term mortality [4, 5], The main clinical types of CLD are chronic hepatitis, liver fibrosis, and liver cirrhosis [17]). It has several definitions that are not well organized and unclear in different parts of the article. In some parts of the article, the author is confusing the histological classification of liver disease to the clinical classification. This is very clear under the clinical classification section that mainly addresses the histological classifications for liver disease. On the other hand in the section on ACLF the author suddenly and for unclear reason jumped from ACLF to a discussion of chronic hepatitis B, this is very clear on pages 6-7. On page 7. Another confusing point on page 7 about the use of fibroscan, fist the tool is named transient elastography because other similar machines to the fibroscan are available in the market. Second transient elastography using fibroscan is not meant to assess the degree of inflammation, rather on the contrary it is not indicated in patients with acute hepatitis or exacerbation as it will give misleading results. (, dynamic monitoring of ALT/AST levels and FibroScan will facilitate the assessment of liver inflammatory activity and fibrosis, which is helpful in distinguishing ALF from ACLF [42, 44].) In addition to the article need some language polishing

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**Reviewer's code:** 00722786

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Chief Doctor, Research Assistant Professor

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

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

**Manuscript submission date:** 2021-11-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-11-26 00:29

**Reviewer performed review:** 2021-11-27 22:34

**Review time:** 1 Day and 22 Hours

<b>Scientific quality</b>	<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
<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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

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

#### **SPECIFIC COMMENTS TO AUTHORS**

Dear Authors, Manuscript " The definition and classification of acute-on-chronic liver diseases" describes a very important topic for clinical practice. The authors approached the problem of acute on chronic liver disease in a detailed way. The manuscript deserves to be published in the WJG. I would have the following suggestions for authors: 1. I advise that the work be systematized again. Despite the detailed approach, the text is quite difficult to follow, especially due to the large number of abbreviations (which are often similar). 2. I advise the authors to point out the definitions that they consider to be the most adequate, it can also be in the form of a table 3. I advise to briefly describe Acute liver failure, as well as its differential diagnosis in relation to acute on chronic liver failure With respect

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 02522427

**Position:** Editorial Board

**Academic degree:** FACP, MBChB, MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Saudi Arabia

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

**Manuscript submission date:** 2021-11-01

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2022-01-11 17:54

**Reviewer performed review:** 2022-01-22 18:13

**Review time:** 11 Days

<b>Scientific quality</b>	<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
<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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<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 authors have placed a very good effort in revising the article making to be more reader friendly. However I still think that it will be difficult for a reader who is not expert in the field to follow all those definitions. I would suggest to the author to summarize all those definitions in a table form.