

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 72246

Title: Clinical utility of two-dimensional shear-wave elastography in monitoring disease course in autoimmune hepatitis-primary biliary cholangitis overlap syndrome

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05085435

Position: Peer Reviewer

Academic degree: MD

Professional title: Lecturer

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2021-10-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-20 06:33

Reviewer performed review: 2021-10-28 18:26

Review time: 8 Days and 11 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 Grade E: Do not publish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 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 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



**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>

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
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

1. Background should be added in abstract. 1 Mention the full word before abbreviations for the first time. 2 Major language revision is needed. 3 Place settings for this study are missing. 4 Time of study should be mentioned in the beginning of the methods paragraph. 5 Discussion section needs more organization.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 72246

Title: Clinical utility of two-dimensional shear-wave elastography in monitoring disease course in autoimmune hepatitis-primary biliary cholangitis overlap syndrome

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04025443

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2021-10-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-29 07:29

Reviewer performed review: 2021-10-29 11:28

Review time: 3 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 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: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

Dear authors! I read with pleasure and interest your manuscript entitled "Usefulness of two-dimensional shear-wave elastography in monitoring disease course in autoimmune hepatitis-primary biliary cholangitis overlap syndrome". The manuscript is based on the results of a single-centre prospective study. It contains novelty and may be interesting for the readers. However, I have a few minor comments. Please, consider revision of the manuscript title. "Usefulness" seems to be not fully appropriate (may be, "clinical utility"?), as it may depend on the demand and other factors. Please, ensure study type (retrospective study) is correct (abstract, page 3, line 7). It is in conflict with the information on page 8, lines 2-3 (patients were ... consecutively collected). Study population. Please, add the references for alcoholic hepatitis, NAFLD diagnostic criteria used for exclusion of these conditions. Please, clarify, whether other toxic liver injuries (including potential DILI), beside alcohol, were excluded? If yes, add comments and references. Please, check, whether treatment provided for the condition of interest before the enrolment is mentioned in the inclusion/exclusion criteria? Diagnostic standards for AIH seem incomplete, please, explain. Did you have patients with positive ANA and/or anti-LKM (or other antibodies) but negative ASMA? In case laboratory examination was performed, please, add the description of the equipment used, and reagents manufacturers. For laboratory parameters, that depend on the manufacturer, age and sex of the patient (like ALP, GGT, ALT, AST, etc), the use of relative values is more appropriate (times of ULN), please, consider revision of the information in the tables 1 and 4 (at least) and check for correctness of the use of statistics throughout the work. It seems incorrect to compare patients with biochemical response and without



**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

it by serum bilirubin, ALP and GGT, as this was a criterion for selection. To ensure, that change between baseline characteristics and at the control point is really significant, it seems reasonable to use Wilcoxon matched pairs test within each group. Please, note, that the fibrosis stage is normally marked with F (F0-F4), followed by the name of the grading system (for example, METAVIR). The use of "S" is normally associated with the stage of steatosis. The same, but less widespread is for the necroinflammatory activity, which normally marked with "A". To avoid confusion among the readers, please, consider revision throughout the text. Please, explain the need for FIB-4 and APRI indexes for the fibrosis assessment in your study. These markers are useful, but are derivatives by nature. In case of histology-proven liver fibrosis stage available, the use of these instruments may be excessive. Please, consider revision of the references' format according to the Journal requirements. Figure 1 - there are two S3 groups - please, revise. Minor language polishing is required.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 72246

Title: Clinical utility of two-dimensional shear-wave elastography in monitoring disease course in autoimmune hepatitis-primary biliary cholangitis overlap syndrome

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05455405

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2021-10-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-29 07:50

Reviewer performed review: 2021-11-07 15:38

Review time: 9 Days and 7 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

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

Dear editors and authors, The article is of scientific interest and aims to expand the understanding of the diagnosis of in autoimmune hepatitis-primary biliary cholangitis overlap syndrome. At the same time, a significant role in the article is assigned to risk factors for the course of the disease, both in the direction of improvement and aggravation of the patient's status. Referring to their previous works, the authors reinforce this position (at least three links to their articles and articles of co-authors are given). This manuscript is part of the work that was carried out earlier. Tables, graphs and figures are sufficient and informative. It is easy to understand the data reflected in the latter. Statistical methods and units of measurement are used correctly. In conclusion, it is desirable to add more data on two-dimensional shear-wave elastography in monitoring disease course, despite the fact that the authors pointed this out in the shortcomings of their work. Many scales of assessment of morphological changes of the liver in the studied autoimmune conditions have also been used, which will create difficulties for a layman in this field when familiarizing himself with the work. In general, after finalizing the comments, the manuscript can be considered for approval. And also the wish to the authors, to submit the accompanying documents in English, for the correct understanding of their content by the reviewers.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 72246

Title: Clinical utility of two-dimensional shear-wave elastography in monitoring disease course in autoimmune hepatitis-primary biliary cholangitis overlap syndrome

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04025443

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2021-10-13

Reviewer chosen by: Han Zhang (Online Science Editor)

Reviewer accepted review: 2022-01-21 12:00

Reviewer performed review: 2022-01-22 16:57

Review time: 1 Day and 4 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 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
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
Peer-reviewer	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

The authors made substantial revision of the manuscript and provided sufficient explanation in the "Answering reviewers". The manuscript significantly improved. I can recommend it for publishing.