



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56519

Title: The Clinical Utility of Viscoelastic Testing in Chronic Liver Disease: A systematic review

Reviewer's code: 03349251

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Germany

Author's Country/Territory: New Zealand

Manuscript submission date: 2020-05-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-04 06:22

Reviewer performed review: 2020-05-05 19:11

Review time: 1 Day and 12 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 Grade E: Do not publish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 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input 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



**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

SPECIFIC COMMENTS TO AUTHORS

The manuscript written by Henry Wei and Lauren Jane Child aims to assess the utility of Viscoelastic Testing (VT) guided transfusion in chronic liver disease patients presenting with bleeding or who require an invasive procedure. Acceptance of the manuscript for publication at WJH is recommended. The authors undertook a full text review and data was extracted from randomised control trials that evaluated the outcomes of VT guided transfusion in those with liver disease. The data are interesting and important to improve haemostatic management in liver disease. Especially outside the setting of liver transplantation (LT), only limited data are available that have investigated the use of VT in those patients. As stated correctly, VT has been shown to reduce blood product use and improve haemostatic management in LT. Therefore, the authors are requested to explain why a study in the setting of LT was included in this review, as the aim of the review was to investigate VT outside the setting of LT.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56519

Title: The Clinical Utility of Viscoelastic Testing in Chronic Liver Disease: A systematic review

Reviewer's code: 00054120

Position: Peer Reviewer

Academic degree: FRCA, MD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: New Zealand

Manuscript submission date: 2020-05-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-04 13:57

Reviewer performed review: 2020-05-15 00:43

Review time: 10 Days and 10 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
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



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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, after reading your paper, I was surprised of how little well-controlled trials were performed using TEG in liver patients. TEG was used extensively in liver transplant recipients for the last 30 years, and physicians started to use it in trauma, obstetric and cardiac cases. I do agree with your conclusion that it may be the time has arrived to establish a protocol or practice guidelines to apply TEG as a point of care in patients with liver diseases undergoing surgical procedures. At our liver transplant center we do have practice guidelines to apply TEG reading in the clinical care of liver transplant recipients as well as in patients with chronic liver disease undergoing major surgical procedures. I hope that your paper will generate the interest in establishing such protocol.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56519

Title: The Clinical Utility of Viscoelastic Testing in Chronic Liver Disease: A systematic review

Reviewer's code: 02861208

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: New Zealand

Manuscript submission date: 2020-05-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-15 16:13

Reviewer performed review: 2020-05-15 16:27

Review time: 1 Hour

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 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
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



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SPECIFIC COMMENTS TO AUTHORS

To the authors: This is a well-written and relevant manuscript for the field that addresses a topic that is not very frequently raised. The methods and the results are correctly presented and explained and I believe this is a relevant issue for the readers.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Hepatology

Manuscript NO: 56519

Title: The Clinical Utility of Viscoelastic Testing in Chronic Liver Disease: A systematic review

Reviewer's code: 03349251

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Germany

Author's Country/Territory: New Zealand

Manuscript submission date: 2020-05-04

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-07-30 11:18

Reviewer performed review: 2020-07-30 11:22

Review time: 1 Hour

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 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 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



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Well written manuscript. All issues raised were solved. I recommend publication.