

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54079

Title: Accurate ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma

Reviewer's code: 00032020

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-01-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-17 06:20

Reviewer performed review: 2020-01-24 07:21

Review time: 7 Days and 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 Grade E: Do not publish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 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 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

Manuscript NO: 54079 Title: Accurate Ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma Correspondence to: Dr. Fu-Quan Liu In the present study, authors established the formula for the estimated PPG using US parameters, and validated the accuracy of estimation. This was an attractive approach to replace invasive measurement of PPG with non-invasive assessment. There were several queries and points to be revised in this report. First of all, there were several incorrect presentations; for example, no presentation 'B' and 'C' in Figure 1. Middle figure in Figure 1, was 'p-value' correct? In the Text, 'Figure 1A' was stated two times in the different session. One of them was incorrect? It was necessary to add the space between data and +. Before resubmission, careful check is necessary in all of manuscript. 1. Next, several invasive approaches were performed in patients with HCC. In addition, the informed consent was waived. Was the assessment for portal hypertension routinely performed for patients with HCC in hospital? Some comments should be added in the text to avoid the ethical problem. 2. Portal vein flow is change to opposite direction in patients with advanced portal hypertension; from liver to spleen. How about the estimated PPG in such a case? In other words, how about ePPG-PPG in patients with high PPG? 3. Child-Pugh and MELD scores at baseline were missing. Authors should add them in Text or Table. 4. It is necessary to add the explanation or the referred paper about CT-based portal pressure score.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54079

Title: Accurate ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma

Reviewer's code: 02541859

Position: Editor-in-Chief

Academic degree: FACC, FACP, FASGE, FRCP, MD, MRCP

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-01-16

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-26 13:52

Reviewer performed review: 2020-03-26 14:48

Review time: 1 Hour

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 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

Good study.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54079

Title: Accurate ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma

Reviewer's code: 03724953

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor, Surgeon

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-01-16

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-26 02:46

Reviewer performed review: 2020-04-03 15:06

Review time: 8 Days 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 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 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

In this study, Yu Zhang and colleagues investigated the accurate ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma. They set up a predictive formula using the portal vein velocity and portal blood flow. The results are reasonable and might be practical. However, the manuscript is poorly prepared with so many mistakes in writing. There are two major concerns about this manuscript: 1. Though the authors provided Non-Native Speakers of English Editing Certificate, there are too many mistakes to believe it was edited. This manuscript must be edited by a native English speaker. 2. What are the limitations of this formula? That is, is there any condition that might reduce the accuracy of this formula?

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54079

Title: Accurate ultrasonography-based portal pressure assessment in patients with hepatocellular carcinoma

Reviewer's code: 02567669

Position: Editorial Board

Academic degree: MD

Professional title: Emeritus Professor

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2020-01-16

Reviewer chosen by: Jin-Zhou Tang (Quit in 2020)

Reviewer accepted review: 2020-03-29 14:17

Reviewer performed review: 2020-04-08 10:32

Review time: 9 Days and 20 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
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Re-review	<input 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 an interesting manuscript which describes a well designed study to non-nvasively determine portal pressure. Evidently, using the formula described here there is a very good correlation to portal pressure as measured by classical invasive methods.