

## PEER-REVIEW REPORT

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

**Manuscript NO:** 64900

**Title:** Accuracy of virtual chromoendoscopy in differentiating gastric antral vascular ectasia from portal hypertensive gastropathy: A proof of concept study

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

**Peer-review model:** Single blind

**Reviewer's code:** 05382551

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-02-27

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-30 11:18

**Reviewer performed review:** 2021-04-30 11:40

**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 Grade E: Do not publish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 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



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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### **SPECIFIC COMMENTS TO AUTHORS**

Authors describe in the paper an experiment in order to determine the added diagnostic value of virtual chromoendoscopy in the context of accurate detection of gastric antral vascular ectasia (GAVE). The article is within the scope of the journal. It is well written and structured. It is easy to read and it is clear on the objectives and methods used to obtain the results. In this sense, the experiment is well designed and executed. The results obtained represent an advance in the area of knowledge. However, it could be improved as follows: a) There is no conclusions section and future work. It should be included. b) The discussion section is reduced and the article would improve if the results obtained are valued by comparing them with other similar works. c) The state of the art is very poor. It should be expanded with more bibliography.

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**Peer-review model:** Single blind

**Reviewer's code:** 05278356

**Position:** Editorial Board

**Academic degree:** DNB, MBBS, MD

**Professional title:** Assistant Professor, Doctor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-02-27

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-01 04:29

**Reviewer performed review:** 2021-05-09 15:38

**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 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 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

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## SPECIFIC COMMENTS TO AUTHORS

It is an interesting and less described topic indeed which is taken up by authors, but I would like to bring some points for consideration prior to acceptance. 1. Abstract: In the Results  $p > 0.05$  mentioned as significant while  $p < 0.05$  mentioned as not significant. Similar description is given at places in the Results section of the main manuscript. 2. Keywords are not according to journal guidelines. 3. In the Methods it would have been appropriate to mention inclusion and exclusion criteria of the following study. 4. Connective tissue disease and patients on dialysis were included in the study. Authors did not mention in detail regarding exclusion criteria. As rheumatoid arthritis, CKD etc. are causes of GAVE and should have been excluded from the study. 5. In this study there is no correlation done between disease severity i.e. Child status or MELD with PHG and GAVE. As with Child C, PHG and GAVE will be more obvious while with Child B they may have inconspicuous changes. So, correlation of this with I scan would be more optimal. 6. Reference writing is also not according to journal guidelines. 7. Lastly, authors mentioned it as a prospective Cohort study. But in the study there is no mention of follow up of cohorts per se. It looks like more of a cross-sectional study done at a point of time, all cases were evaluated for GAVE and PHG. However, no follow up mentioned. Though in table 1 repeat labs were done at 4-8 weeks, but that does not confer any relation to follow up. 8. Sample size is obviously very small to draw any inference.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 05382551

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-02-27

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-09-15 04:32

**Reviewer performed review:** 2021-09-15 05:05

**Review time:** 1 Hour

<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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

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

The paper can be accepted in current form