



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 58527

Title: Outcome of Gastric Antral Vascular Ectasia and Related Anemia after Orthotopic Liver Transplantation

Reviewer's code: 05393105

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: United States

Manuscript submission date: 2020-07-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-07-27 10:23

Reviewer performed review: 2020-08-06 16:59

Review time: 10 Days and 6 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 Grade E: Do not publish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 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

It is a well written article. Similar data has been mentioned; this too needs to be referenced Eric M Ward et al Prevalence and natural history of gastric antral vascular ectasia in patients undergoing orthotopic liver transplantation. J Clin Gastroenterol . Nov-Dec 2004;38(10):898-900. doi: 10.1097/00004836-200411000-00013.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 58527

Title: Outcome of Gastric Antral Vascular Ectasia and Related Anemia after Orthotopic Liver Transplantation

Reviewer's code: 01438560

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: United States

Manuscript submission date: 2020-07-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-04 00:11

Reviewer performed review: 2020-08-15 22:13

Review time: 11 Days and 22 Hours

Scientific quality	<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
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



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SPECIFIC COMMENTS TO AUTHORS

This is a retrospective study on 16 patients with liver cirrhosis and gastric antral vascular ectasia (GAVE) who were subjected to orthotopic liver transplantation (OLT). The influence of OLT on the resolution of GAVE was evaluated. Although the study was well written, the major limitations are the small number of patients and the retrospective assessment of the study. Upper gastrointestinal endoscopy was performed only in 10 patients after OLT. Some important aspects need to be clarified. 1) Since only 50% of the patients had overt bleeding, one could speculate that pre-OLT anemia could be totally or partially due to hypersplenism. Was this evaluated? In addition, anemia improvement after OLT was also influenced by the correction of portal hypertension and hypersplenism? These aspects should be evaluated and discussed. 2) What is the number of OLT performed during the period of the study (from September 2012 to September 2019). It is important to have an idea of the incidence of GAVE. 3) What was the indication for transfusion in 2 patients after three months from the transplant. Was it related to the GAVE or some other complications of the OLT. 4) Although the authors mentioned in the discussion that “The exact pathophysiological mechanism that leads to GAVE remains unclear”, they also stated that it is quite clear that portal hypertension has no significant role in the development of GAVE. We suggest to change the expression “quite clear” to “possible”.