

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Surgery

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**Title:** Multidetector computed tomography three-dimensional and multiplanar reconstruction diagnosis of a rare cause of gastrointestinal bleeding: A case report

**Reviewer's code:** 03477653

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

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

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

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<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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

The authors presented the clinical report from a cirrhotic patient presenting upper GI bleeding in which an infrequent communication was found between the left spermatic vein and the SMV. English level is acceptable, but there are needed some amendments. There are some concerns and comments about this paper that should be also addressed. The abstract's conclusions may be reduced in length to 20-30 words (now 83). Case presentation: - The fact that multiple EGD were undertaken prior to CT should be reflected also in the case presentation of the manuscript (not only in the abstract). - Figure 1 legend appears to indicate that duodenal ulcer was excluded, which conflicts with the main text and the image (Fig. 1d) apparently showing it. - More information regarding the precedent of colonic cancer should be stated. If the patient had received a left sigmoidectomy, the surgery cannot be discarded as the original cause of the vascular abnormality, especially if the procedure was performed between May 2019 and March 2020. - Figure 2d: The red circle seems to remark just the left colon. Anyways, the image is not able to show "numerous branches of the blood vessels of the jejunum and tortuous irregular vessels". - "Ascities" might be better than "seroperitoneum". - The MPR showed "local" bleeding, where was it? - "We developed CT of AP, PP, EP, and DP scanning". Better requested or performed, abbreviations need to be explained in the body of the manuscript. - Details regarding the embolization procedure need to be provided (e.g. agents, exact location). - Was there administrated any pharmacologic treatment during the patient's management? - Details regarding the patient's follow-up should be provided. There was any intend for definitive treatment? Why? Discussion: - The sentence "However, the ectopic malformations associated with the varices vary greatly in size and location, so the results of gastroscopy can be difficult to determine, and it is not clear exactly what causes gastrointestinal bleeding" should be reformatted to enhance

comprehensiveness. - “conservative medical conservative treatment failed” needs a correction, also “primary take-away”. Conclusion: - CT-MRP is valuable on the early diagnosis of rare variceal bleedings, however, in the presented case the diagnosis was delayed. CT is nowadays useful for its detection, but not as a treatment.