

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65834

Title: EUS-guided vascular interventions: Current Insights and Emerging Techniques

Reviewer's code: 02954650

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2021-03-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-17 07:20

Reviewer performed review: 2021-03-24 09:16

Review time: 7 Days and 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" 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 reviewed article showing the efficacy of EUS -guided vascular interventions.

This may be interest to the readers of this journal. However, there is a problem. 1.

Page14 line4, Rectal varies are reported – Rectal varices are reported.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65834

Title: EUS-guided vascular interventions: Current Insights and Emerging Techniques

Reviewer's code: 03713935

Position: Editorial Board

Academic degree: MD

Professional title: Assistant Professor, Chief Doctor, Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United States

Manuscript submission date: 2021-03-16

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-28 19:54

Reviewer performed review: 2021-04-13 02:52

Review time: 15 Days and 6 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 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

SPECIFIC COMMENTS TO AUTHORS

I read with interest the paper by Mann et al., presenting a complete review regarding EUS-guided vascular interventions. The manuscript is well-written and methodologically valid, providing an overview on the indications to EUS-guided vascular interventions and a detailed description of the available techniques in this fields. The abstract summarize and reflect the work described in the manuscript. However the paper has some minor criticisms that should be modified, as suggested: Please correct EUS-guided every time you cite (sometimes is without "-" or with space). Please correct "hrs" with "hours. In the introduction: - Line 5: After "available" please replace "-I" with ":" - Line 10-11. Please define better solid structures (gallbladder and biliary tree are not solid). For example, EUS can visualize solid and fluid structure. Among fluid structures EUS can identify vascular structures , through the aid of the doppler - Line 13. Please remove "(" - Line 15. Please correct "It's" with "Its" - Line 17. Please correct: "Interventions" - Line 19. Better " from the diagnostic to therapeutic tool" -

The authors cite 3 times a Figure 3 (2 in the Introduction and 1 in the "EUS-guided portal vein interventions"), but the Figure 3 is missing In the paragraph "esophageal varices": - Line 11. Add "was" before "reported". - Line 14. Please write RCT in extended form (randomized controlled trial) - Line 24. Remove one "large" In the paragraph "gastric varices": - Line 2. Change one of the two verb "cause" with a synonymous. - Line 9. Please add "In" before "A study" - Line 11. Here is the first time you use GV; please modify at the beginning of the paragraph "gastric varices (GV)" and then you can use the abbreviated form. - Line 21-22. The sentence "to allow precise evaluation of pathological vessels, improved therapeutic targeting" should be modified with "to allow a precise evaluation of pathological vessels, improving therapeutic targeting" - Line 22-23. The sentence "Color doppler also adds to differentiated gastric varices from other structures and can help confirm eradication of

varices." should be modified with "Color doppler also permits to differentiate gastric varices from other structures and can help to confirm eradication of varices" In the paragraph "glue therapy": - Line 2. Better "EUS-guided CYA glue injection" instead of "EUS" - Line 11. Please "On average the patients" is better than "On average patient" - Line 12. Change "to confirming " with "to confirm" and "the patient" with "the patients" In the paragraph "coil embolization": - Line 6. Please wrote "fine needle aspiration (FNA) the first time you use. - Line 11. " e 1)" what means?? remove it. - Line 20. Add "were: "Less adverse events were noted..." - Line 25. Please correct "It's" with "Its" In the paragraph "combined coiling and glue therapy": - Line 8-12. Please correct this sentence "A retrospective chart review of 152 GFV patients (143 with isolated gastric varices -1 (IGV-1) and 9 with gastroesophageal varices type 2 (GOV-2)treated with EUS-guided coil and CYA injection combined therapy from March 2009 to 2015, and the technical success rate was >99% (151/152 patients) technical success rate." with "A retrospective chart review of 152 GFV patients [143 with isolated gastric varices -1 (IGV-1) and 9 with gastroesophageal varices type 2 (GOV-2)], treated with EUS-guided coil and CYA injection combined therapy from March 2009 to 2015, showed a technical success rate >99% (151/152 patients)." - Line 30. Please add "was": "A metanalysis ...was conducted...." - Line 34. Add "." before "Similarly. In the paragraph "thrombin injection": - Line 1. Please change the sentence "...a study of eight patients (three with active bleeding and five as elective prevention) with GFV published who were treated with EUS-guided thrombin injection." with "...a study of eight patients (three with active bleeding and five as elective prevention) with GFV treated with EUS-guided thrombin injection was published." In the paragraph "ectopic varices": - Line 13. Please, remove "," after "although". Title of the paragraph 2. Please correct "Non-Variceal Gastrointestinal Bleed" with "Non-Variceal Gastrointestinal Bleeding In the paragraph "Dieulafoy's lesions" - Line 3. Please correct "al" to "all" -

Line 6. Add "." after "ulcer" - Line 13. "and during this follow-up period" could be removed (is redundant) - Line 16. Correct "Non-variceal" - Line 23. Please check: is another patient (one) or more patients? In the paragraph "GIST": - Line 3. Add "In": "In an elderly..." - Line 5. Correct "A vessel was identified deep to bleeding ..." with "A deep vessel was identified to bleeding ..." -Line 10. Please put ":" after "capability" instead of ".". - Line 11. Please put ", and" after "diagnosis" instead of "." In the paragraph "portal vein access and pressure measurement": - Line 1. Please add "to": "can help to manage" -Line 2. Figure 3 is missing. - Line 18. Please correct "can helpstage" with "can help to stage" - Line 19 and 20. Please add "is" before "associated" - Line 33. Please correct "compared to standard HVPG measurement methodsIntrahepatic portosystemic shunt (IPSS)" with "compared to standard HVPG measurement methods, as Intrahepatic portosystemic shunt (IPSS)." - Line 26. Please correct "PHsuch..." with "PH such..." In the paragraph "portal vein embolization": -

Line 15. Please clarify if is "one week later" In the paragraph "portal venous blood sampling": - Line 12-14. Please correct "In another study, patients undergoing pancreaticoduodenectomy for presumed periampullary or pancreatic adenocarcinoma without metastatic disease, PV, and peripheral venous samples were collected simultaneously at the time of surgery" with "In another study performed on patients undergoing pancreaticoduodenectomy for presumed periampullary or pancreatic adenocarcinoma without metastatic disease, PV and peripheral venous samples were collected simultaneously at the time of surgery. In the paragraph "liver-directed portal vein injection chemotherapy": - Line 12-13. Please check this sentence "Levels of all three medications were higher in the hepatic tissue than in plasma than the control group receiving systemic chemotherapy". Than... than? In the paragraph "role in tumor diagnosis": - Line 1. Please change "," after "staging" with "and". In the paragraph "access to non-GI structures": -Line 1. Add "system" after "pulmonary



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vascular" - Line 9. Please correct "procedure" with "procedures".