



## PEER-REVIEW REPORT

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

**Manuscript NO:** 70088

**Title:** Endoscopic ultrasound-guided through-the-needle microforceps biopsy and needle-based confocal laser-endomicroscopy increase detection of potentially malignant pancreatic cystic lesions: A single-center study

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

**Peer-review model:** Single blind

**Reviewer's code:** 03727100

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Doctor

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

**Author's Country/Territory:** Ecuador

**Manuscript submission date:** 2021-07-27

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-28 07:02

**Reviewer performed review:** 2021-07-28 14:03

**Review time:** 7 Hours

<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 Grade E: Do not publish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 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
<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



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<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**

Thank you for giving me a chance to review the manuscript entitled “EUS-guided through-the-needle microforceps biopsy and needle-based confocal laser endomicroscopy increase detection of potentially malignant pancreatic cysts lesions during EUS assessment”. There are some issues in this study. 1. What is the criteria of diagnosing malignancy by EUS, CE-EUS, Spy Glass, nCLE? 2. The diagnosability of EUS alone is too low. Would you please describe the reasons for that? 3. Is the table 2 analyses for malignant diagnosability? 4. The results of ROC curve was shown in Table 3 and Figure 3. The independent variables (EUS alone, EUS+FNA/CE/Cystoscopy, EUS+mFB, EUS+nCLE, EUS+nCLE+mFB) were not continuous variables. How did you make the ROC curve? 5. Statistical analysis is too complicated.



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**Peer-review model:** Single blind

**Reviewer's code:** 05226178

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** Ecuador

**Manuscript submission date:** 2021-07-27

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-30 02:32

**Reviewer performed review:** 2021-08-04 08:52

**Review time:** 5 Days and 6 Hours

<b>Scientific quality</b>	<input 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 checked="" 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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection



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<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**

This is a retrospective study aimed to compare the accuracy of the following EUS and associated techniques for the detection of potentially malignant pancreatic cystic lesions (PCLs): EUS-FNA, contrast-enhanced EUS, EUS-guided fiberoptic probe cystoscopy, direct intracystic micro-forceps biopsy and EUS-guided needle-based confocal laser-endomicroscopy. They focus on the differential diagnosis of potentially malignant PCLs (MCN, IPMN, neuroendocrine tumors) and non-malignant PCLs (SCN, pseudocysts). However, many readers will be more interested in the differential diagnosis of high-grade dysplasia/adenocarcinoma in non-malignant PCLs. So, the authors should focus on the accuracy for diagnosing high-grade dysplasia/adenocarcinoma in MCN and IPMN using these modalities.



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**Peer-review model:** Single blind

**Reviewer's code:** 03026750

**Position:** Editorial Board

**Academic degree:** FRCP, MD

**Professional title:** Associate Professor

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

**Author's Country/Territory:** Ecuador

**Manuscript submission date:** 2021-07-27

**Reviewer chosen by:** AI Technique

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**Reviewer performed review:** 2021-08-06 13:23

**Review time:** 9 Days and 17 Hours

<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
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<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**

Very important topic. detecting malignant potential of pancreatic cystic lesions is very challenging. However, i have some comments: 1. please if possible to describe the malignant criteria for each technique (EUS alone, CE-EUS,nCLE,...etc) 2. if possible to add chart based on your study to guide the readers when to use each technique according to the cyst size, type, suspicious malignant potential, ....etc) 3. adding EUS images, CE-EUS, nCLE will add value to the manuscript.