

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 46292

Title: Advanced diagnostics for pancreatic cysts: Confocal endomicroscopy and molecular analysis

Reviewer's code: 00183086

Reviewer's country: Greece

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-02-11 11:49

Reviewer performed review: 2019-02-17 08:01

Review time: 5 Days and 20 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a very interesting article with regard to advanced diagnostics for pancreatic cysts. Nevertheless, several issues have been raised and revisions are implemented. 1. The Introduction section is too long. Clinical evidence as well as guidelines should be



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re-arranged in a separate chapter. The aim of the article is not clear. 2. In the second part additional information about confocal laser endomicroscopy should be added. Indications and contra-indications of the method are also missing. 3. Grammatical errors should be corrected.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 46292

Title: Advanced diagnostics for pancreatic cysts: Confocal endomicroscopy and molecular analysis

Reviewer's code: 00057983

Reviewer's country: Taiwan

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-02-06 14:11

Reviewer performed review: 2019-02-19 16:01

Review time: 13 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors made a good review of confocal endomicroscopy and cyst fluid molecular analysis in evaluation of pancreatic cysts. I have the following comments: (1) About the learning curve of performing confocal endomicroscopy, how many cases should the



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doctors encounter before being a skilled operator? (2) Please summarize the methods mentioned in this manuscript in a table and list the sensitivity, specificity, benefits and disadvantages.

INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 46292

Title: Advanced diagnostics for pancreatic cysts: Confocal endomicroscopy and molecular analysis

Reviewer's code: 01573525

Reviewer's country: Italy

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-02-06 14:16

Reviewer performed review: 2019-02-24 22:03

Review time: 18 Days and 7 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript by Durkin & Krishna is a good, concisely , coherently organized and presented, and effective review manuscript describing current literature on confocal endomicroscopy and cyst fluid molecular analysis for evaluation of pancreatic cyst.



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As promising adjuncts to existing standard of care for management of pancreatic cysts with the potential to improve diagnostic accuracy and ultimately patient outcomes. The title reflects the main subject of the manuscript as well as the abstracts correctly summarizes the main points of the review and key words reflect the focus of the manuscript. The manuscript's sections are well defined and structured. Discussion and conclusions clearly focus on progresses challenges and .. of the issue addressed. Figures and tables are sufficient, good quality and appropriately illustrative of the paper contents. Issues that remain to be solved (involving both imaging and molecular techniques) are clearly indicated. Minor issues In the section on molecular analysis, reference is made to VHL screening as if NGS could not technically resolve it, and therefore Sanger should be used. This a little misleading quotation of a sentence in ref 37, which actually better describes the issue. "Due to technical issues, we were unable to include VHL within this panel, but assessed the entire coding sequence of VHL by Sanger sequencing with the understanding that the sensitivity of Sanger sequencing is known to be lower than NGS" I would suggest to clarify and check references (37) on this sentences to avoid misinterpretation of the sensitivity of the techniques.

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- [] The same title
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- [] Plagiarism
- [Y] No