

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48090

Title: Genomic profile concordance between pancreatic cyst fluid and neoplastic tissue

Reviewer's code: 00646357

Reviewer's country: Egypt

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-30 16:12

Reviewer performed review: 2019-04-30 16:18

Review time: 1 Hour

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 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

-Add the unique of this study compared to other studies discuss the same issue. -Add more on the basic of this disease in the introduction -Discus role of imaging using these ref Razek AAKA, Elfar E, Abubacker S. Interobserver agreement of computed tomography reporting standards for chronic pancreatitis. Abdom Radiol 2019; doi:



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10.1007/s00261-019-01979-4.

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: 48090

Title: Genomic profile concordance between pancreatic cyst fluid and neoplastic tissue

Reviewer's code: 03492099

Reviewer's country: Germany

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-30 08:06

Reviewer performed review: 2019-05-01 14:36

Review time: 1 Day and 6 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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" 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 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

1. Sensitivity = Number of true positive / (Number of true positive+ Number of false negative)*100%. Thus, in Table 3, Sensitivity = 7/(7+2)*100% = 77.8%. It is NOT 8/9! 2. The sensitivity and specificity in Figure 2 and Figure 3 is redundant!



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INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48090

Title: Genomic profile concordance between pancreatic cyst fluid and neoplastic tissue

Reviewer's code: 03252981

Reviewer's country: Japan

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-02 00:16

Reviewer performed review: 2019-05-06 01:46

Review time: 4 Days and 1 Hour

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 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 study was conducted to elucidate the correlation of genetic alteration in pancreatic cystic fluid and resected neoplastic tissue. The genotypes in cystic fluid and resected tissue were comparable. Mutation analysis of cystic fluid by next generation sequencer appears to be useful for the assessment of malignancy. There are a couple of critical

issues. The results of mutations in cystic fluid and resected tissue should be separated. The authors presented the mutation data with "discordant" and "concordant" genotypes. This is interpreted data not raw data. The best way to show the data is to show raw data of mutation status hierarchically in cystic fluid and resected tissue. It is strongly recommended that the cytological diagnoses of cystic fluid are shown in the results. The cytological description was found in Studied population in Method, but the findings were not well shown. The cytological diagnosis itself is important to predict neoplastic or malignant nature, but more importantly, it would certify that genetic data come from neoplastic cell. The excluded three cases should be excluded from the study. Inclusion of the cases will not give any result. In Table 2, the order of the cases appears random. As mentioned above, the order and the presentation of genetic data need to be revised. There are many grammatical errors. In addition, there are many strange sentences and wordings. There are also misspellings. The manuscript needs thorough revision.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48090

Title: Genomic profile concordance between pancreatic cyst fluid and neoplastic tissue

Reviewer's code: 03388124

Reviewer's country: United States

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-02 13:00

Reviewer performed review: 2019-05-06 13:34

Review time: 4 Days

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 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 study performed NGS sequencing in pancreatic fluid and neoplastic tissue and found that there was high concordance in genomic profiles between these types of specimens. This is a very nice study; however, it is severely limited by the small number of specimen (17) which precludes statistical analysis, thus the conclusion is also limited.



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This should be clearly stated in the manuscript. Although the aim of this study was to compare fluid with tissue, which matters most is whether the genomic profiles from fluid analysis predict a malignant diagnosis thus indication for surgical resection. This should be stressed in the discussion. The manuscript also stated "... various proportions of mutated alleles but generally higher in CF-DNA than in NT-DNA". This also needs some explanation. This study requires extensive pathology expertise. It is unclear whether any of the coauthors is a pathologist. The meaning of some of the sentences is unclear and requires further clarification: (1) Page 8, under "DNA extraction", "... except for 3 points". (2) Page 11, last sentence, "... collected by EUS-FNA was positive and negative for 5/8 benign pancreatic cyst." (3) Page 12, line 6, "... collected by surgery or EUS-FNA was positive and negative for 6/8 benign pancreatic cyst". Regarding the grammar, there appears to be excessive short paragraphs - some of them can be combined into the same paragraph. Some of the words also requires further polishing.

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BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48090

Title: Genomic profile concordance between pancreatic cyst fluid and neoplastic tissue

Reviewer's code: 00043819

Reviewer's country: Italy

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-06 12:27

Reviewer performed review: 2019-05-10 11:04

Review time: 3 Days and 22 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input 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

Authors evaluated the genomic profile concordance between pancreatic cyst fluid and neoplastic tissue: 20 patients were enrolled in the study. finally, mutational analyses of in cyst fluid and in neoplastic tissue were highly concordant. The study is interesting, but the small number of patients included in the analisys limits any definitive conclusion.



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In table 2 clinical-pathological findings of twenty patients are detailed, but only 17 patients had pathological confirmation after surgery; so, three patients should be excluded.

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BPG Search:

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