



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57361

Title: An Overlooked Risk for Needle Tract Seeding Following Endoscopic Ultrasound (EUS)-Guided Minimally Invasive Tissue Acquisition

Reviewer's code: 03001816

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-07-05 11:08

Reviewer performed review: 2020-07-05 11:24

Review time: 1 Hour

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 Grade E: Do not publish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



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SPECIFIC COMMENTS TO AUTHORS

In general, this is a good review and analysis of a little considered problem in diagnostic tissue acquisition for cancer patients - "needle seeding" of tumor cells resulting in tumor growth spread. Two minor revisions are suggested. First, the authors write: "However, what is puzzling is that three patients (11.5%) have tested positive for post EUS-FNA luminal fluid cytology within 26 patients with pancreatic cancer. " Can the authors expand here about what exactly is puzzling - for the reader who doesn't necessarily have the surgical or gastroenterological medical expertise of the authors. Is this related to the head vs. body/tail distinctions of the pancreas mentioned later? Just add a little bit more clarification for the reader. Second, the authors use the phrase "Someone has suggested..." Should not use "Someone" - be more specific. Who suggested it?



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Reviewer’s code: 03529793

Position: Peer Reviewer

Academic degree: BCPS

Professional title: Chief Doctor

Reviewer’s Country/Territory: Italy

Author’s Country/Territory: China

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-07-05 09:38

Reviewer performed review: 2020-07-06 12:36

Review time: 1 Day and 2 Hours

Scientific quality	<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
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
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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, thanks for your efforts in summarizing available evidence in this field. Among the rare complications of EUS-TA, seeding is reported but its actual impact although probably low, remains unclear. In the past previous papers had addressed the topic for FNA, but the recent introduction of FNB requires some revisions. I suggest acceptance of your paper after minor revisions: first, in introduction you describe FNB needles as "...reverse bevel technology needles"). Actually FNB needles are characterized by microcore acquisition technology which is consistent with side bevel for the Procore needle by Cook but you must include also other type of needles (i.d. Acquire by Bosto Scientific, Shark needle by Medtronic etc...). So I would suggest to change your definition with "micro-core acquisition technology". Second, EUS-FNB has greatly improved the diagnostic efficacy of EUS guided TA (most of your referenced papers confirm these data both in prospective and retrospective studies) with fewer passes and limited complications. This is probably a change which will impact also the already low rate of seeding. Finally, what matters the most to me, is that EUS-TA is still the best option we have to obtain tissue samples in the setting of GI wall or pancreatic lesions. Percutaneous US or TC guided approaches are far less efficient with higher risk of seeding, as reported in literature. I would suggest to address this topic in discussion. Best regards



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Name of journal: World Journal of Gastroenterology

Manuscript NO: 57361

Title: An Overlooked Risk for Needle Tract Seeding Following Endoscopic Ultrasound (EUS)-Guided Minimally Invasive Tissue Acquisition

Reviewer's code: 00054986

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: China

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

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Reviewer performed review: 2020-07-16 11:41

Review time: 11 Days and 5 Hours

Scientific quality	<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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

Congratulations for your effort in evaluating a difficult but very useful topic. I have made several suggestions in the manuscript which I hope will be useful for you.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Author's Country/Territory: China

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-07 09:20

Reviewer performed review: 2020-08-07 09:24

Review time: 1 Hour

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
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SPECIFIC COMMENTS TO AUTHORS



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The corrections made have made the manuscript suitable for publication and I have no additional comments at this time.



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Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

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Review time: 4 Hours

Scientific quality	<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
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Dear Authors, no further change is required Best regards