

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 81225

Title: Percutaneous transhepatic intraportal biopsy using a gastroscope biopsy forceps for diagnosis of a pancreatic neuroendocrine neoplasm: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05038583

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-11-08

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-13 18:22

Reviewer performed review: 2022-12-13 19:07

Review time: 1 Hour

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 Grade E: Do not publish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 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="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

General comments This is a case of pancreatic neuroendocrine neoplasm (PNENs), which was diagnosed with biopsy forceps designed for EGD scope use via a percutaneous transhepatic intravascular pathway. This case is clinically relevant as we may encounter a situation that precludes the traditional biopsy approach, mainly EUS-guided FNB. Specific comments Line 105: How do you find gastric varices without an image or endoscopy on a physical exam? Line 108: better to say pancytopenia Line 138: Avoid using a trade name for octreotide Good image quality, appropriate literature review What was the reason for using gastroscope biopsy forceps rather than a needle which is usually used for the IR approach? The author made a comparison to EUS-FNA. Does Reference 23 include other approaches that could be potentially safer? Is gastroscope biopsy forceps sterile? We typically do not place this into a sterile environment, which is within the vasculature, so this reviewer is not familiar with sterility. I am unsure if this is a good fit for the WJ gastro as the primary readership is for a gastroenterologist who usually does not perform this procedure. Better fit for case report journal or interventional radiology journal.

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Peer-review model: Single blind

Reviewer's code: 05234825

Position: Peer Reviewer

Academic degree: MD

Professional title: Staff Physician

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2022-11-08

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-14 04:56

Reviewer performed review: 2022-12-14 05:27

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
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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

The authors described an interesting case of pNET with portal vein thrombosis diagnosed by transvenous biopsy using biopsy forceps. I only have some suggestion. 1. The author provided an informed consent for surgery rather than informed consent for publication. If informed consent for publication is not feasible for this patient, an alternative way is to get an IRB approval. Since the image in the case report did not contain any personal information, in most institute, investigator could get institution IRB approval for case report with waive of informed consent. 2. If possible, please provide the gross picture of the specimen obtained form forcep biopsy. It will help readers to get further insight about this procedure. 3. The diagnosed of grade 2 NET is based on mitotic count and Ki-67. It will be better to provide the pathology image of Ki-67 in Fig 3. If there is no enough space for Ki-67 photo, please remove one of IHC (chromogranin A or synaptophysin)

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05242485

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

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Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-19 14:23

Reviewer performed review: 2022-12-22 19:45

Review time: 3 Days and 5 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 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 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="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

Authors report a case of percutaneous transhepatic intraportal biopsy using a gastroscope biopsy forceps for diagnosis of a pancreatic neuroendocrine neoplasm. Endoscope guided aspiration was not feasible due to diffuse gastric varices of the patient. Authors presented relevant anatomical images as well as pathologic images. The manuscript is well written. I only have a few minor comments: 1) Line 55: Please present the size of tumor in all three dimensions. 2) Line 56: Is it in the body OR tail of the pancreas? 3) Line 99: "and"->"or"? 4) Line 102: remove "a case of" 5) Line 142: remove "observed" 6) Line 205: spell author's name properly (Chick?). 7) Line 212: Should there be a reference by Vilana et al.?