PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 72720

Title: Role of surgical treatments in high-grade or advanced gastroenteropancreatic neuroendocrine neoplasms

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05123258

Position: Editorial Board

Academic degree: MSc, PhD, RN

Professional title: Chief Nurse, Nurse, Postdoc

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2021-10-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-19 20:14

Reviewer performed review: 2021-11-19 21:02

Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

An excellent manuscript

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Title: Role of surgical treatments in high-grade or advanced gastroenteropancreatic neuroendocrine neoplasms

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05464606

Position: Editorial Board

Academic degree: MD

Professional title: Professor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2021-10-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-23 14:05

Reviewer performed review: 2021-11-23 15:59

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

| Peer-reviewer statements | Peer-Review: [Y] Anonymous [   ] Onymous |
| | Conflicts-of-Interest: [   ] Yes [Y] No |

SPECIFIC COMMENTS TO AUTHORS

The authors have made an important and detailed review of this topic. However, gastroenteropancreatic neuroendocrine neoplasms are relatively rare and complex tumors that present many clinical challenges. Besides, most of them are sporadic, but could be multiple and a component of a familial syndrome. Thus, I highly suggest that the authors re-write this important topic as a systematic review and meta-analysis, which could provide a more reliable study to the readers.

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Title: Role of surgical treatments in high-grade or advanced gastroenteropancreatic neuroendocrine neoplasms

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02822922

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-10-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-18 10:36

Reviewer performed review: 2021-11-29 11:31

Review time: 11 Days

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

| Peer-reviewer statements | Peer-Review: [Y] Anonymous   [   ] Onymous |
| | Conflicts-of-Interest: [   ] Yes   [Y] No |

SPECIFIC COMMENTS TO AUTHORS

The paper is focused on a very intersting topic and is generally comprehensive and well-written. Some issues to be addressed: - I'd suggest to organize the paper in a different way by better highliting the differences between NET and NEC - I'd suggest the author to improve the section on a neoadjuvant options by creating a separeted paragrah; please also refer to the option of PRRT as neoadjuvant treatment (e.g. Chiapponi C, Lürssen N, Cremer B et al. Peptide receptor radionuclide therapy as a two-step strategy for initially unresectable liver disease from neuroendocrine tumors: a single-center experience. Endocrine 2020;70:187-193); there is also an ongoing trial on PRRT even if limited to resectable NF-PNEN at high risk of recurrence (NCT04385992), which highlight that this is an emerging field - regearding LT i'd suggest the authors to highlight the high risk of tumor recurrence after LT despite the promising long-term outcomes even after recurrence (see Sposito et al Tranpslantation 2021) . I'd also suggest to refer to the paper by Ruzzenente et al. (ref # 97 Ruzzenente A, Bagante F, Bertuzzo F, et al. Liver resection for neuroendocrine tumor liver metastases within milan criteria for liver transplantation. J Gastrointest Surg 2019;23:93-100) by better highlighting that there is still controvery as some authors suggest similar survival outcomes among patients within Milan criteria who undergo surgical resection compared to LT   Minor points - please be consisent throughout the whole paper with NEN (instead of NET) - please edit some grammar errors

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The paper has been properly edited according to Reviewer's suggestions.