

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57893

Title: Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumours

Reviewer's code: 04092118

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Postdoc, Senior Lecturer

Reviewer's Country/Territory: Romania

Author's Country/Territory: China

Manuscript submission date: 2020-07-11

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-08-24 15:20

Reviewer performed review: 2020-08-24 18:05

Review time: 2 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 Grade E: Do not publish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 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

SPECIFIC COMMENTS TO AUTHORS

I've carefully read the manuscript entitled "Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumour". The paper describes a cohort of type 3 g-NETs with regard to clinical and pathological characteristics. The topic is of interest and warrants more research in the literature. Introduction is appropriate. Inclusion criteria, specifically diagnosis of type 3 g-NET, should be better defined in patient selection. Methods should include details on the evaluation of patients – endoscopy, endoscopic ultrasound and cross-sectional imaging.

In results, when reporting age distribution of patients, I suggest using median age with interquartile range (or min-max range as reported), as it is a better statistic than mean age. Besides the wall layer involvement, further detailing of EUS characteristics would be of value. Also, quality of specimens obtained from endoscopic/EUS biopsy should be discussed in relation to assessment of Ki67 index and number of mitoses. Statistics and discussions are well written. Minor language polishing with some rephrasing is recommended – eg. "and female patients (55.8%) were predominant" – with female predominance (55.8%) would be more suitable.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57893

Title: Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumours

Reviewer's code: 01467363

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Slovenia

Author's Country/Territory: China

Manuscript submission date: 2020-07-11

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-08-25 11:42

Reviewer performed review: 2020-08-31 14:30

Review time: 6 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" 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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Title: appropriate to define the content of the article. **Key words:** 4, appropriate.

Abstract: 215 words, structured, informative. **Introduction:** 255 words, the reader is acquainted with known facts about gastric neuroendocrine neoplasms (g-NENs) and the latest classification into well-differentiated gastric neuroendocrine tumours (g-NETs) and poorly differentiated gastric neuroendocrine carcinomas (g-NECs) and their subtypes. **Materials and methods:** 312 words, the research methodology is adequately explained in the subsections: patient selection, pathological classification and TNM staging, follow-up (only telephone and text messages ?!) - such a form of follow-up is questionable and leaves room for doubt. **Statistical analysis:** the statistical methods used are appropriate. **Results:** all together 1285 words (including 4 tables), the text is illustrated with tables about: clinicopathological features of type 3 gastric neuroendocrine tumour, characteristics of patients with endoscopic resection, univariate analysis for prognosis and multivariate analysis for prognosis. All key results are presented in the chapter. **Discussion:** the scientific findings from recent years are presented only in part. The authors highlight the fact that G3 NET have more aggressive biological behaviour than G1 and G2 NET and important prognostic role on outcome for these tumors. They conclude, that type 3 g-NET had a relatively malignant biological behaviour with poor prognosis and strong heterogeneity. The authors also draw attention to the limitations of this study: different institutions, different pathologists, the updated grading system in 2019, therefore, all pathological diagnoses were finally reviewed by the same NET pathologist. Given the fact that a number of recommendations/treatment strategies have been published in recent years in international literature, the discussion is weak. **References:** 34, from the period 1997 (Gastroenterology) - to 2020 (Gastric cancer), influential



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journals from this field. Conflict of interest: the authors have declared no competing interests. Study ethics: all procedures were in accordance with ethical standards of the responsible committee on human experimentation (institutional and national) and with the Helsinki Declaration. Informed consent was obtained from all patients for inclusion in the study. Grant support: National Natural Science Foundation of China (No. 81673763) and Guangzhou Science and Technology Foundation (201804010078).
Opinion of the reviewer The article deals with an interesting topic in the interdisciplinary field of oncology, gastroenterology/imaging procedures and surgery, however, it fails to meet the expectations of the reader.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57893

Title: Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumours

Reviewer's code: 05266898

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Research Associate

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-07-11

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-03 01:28

Reviewer performed review: 2020-09-07 00:21

Review time: 3 Days and 22 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 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

SPECIFIC COMMENTS TO AUTHORS

In this study, Li et al analysed the clinicopathological characteristics and prognosis of patients with type 3 g-NET in China based on the 2019 WHO pathological classification. The topic is very interesting, and the study is well designed. A total of 77 patients with type 3 g-NET were analysed, and tumours were mainly located in the gastric fundus/body. Compared with G1 NETs, G2 NETs had a higher lymph node metastasis rate, and G3 NETs had a higher distant metastasis rate. The treatment was reasonable, and seems effective. In my opinion, the manuscript is very well written. Tables and figures are very interesting. Some minor language polishing should be revised, and manuscript style should be updated according to the guideline of the journal. Thank you.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57893

Title: Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumours

Reviewer's code: 05266895

Position: Peer Reviewer

Academic degree: FEBG, MD

Professional title: Associate Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

Manuscript submission date: 2020-07-11

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-03 01:28

Reviewer performed review: 2020-09-07 00:28

Review time: 3 Days and 22 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 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

Very important topic with interesting results. I read this study carefully and found that the methods and results are very good, however, the authors should take attention to the discussion. I suggest the author to discuss the recent scientific findings. And some minor language polishing should be corrected.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57893

Title: Clinicopathological Characteristics and Prognosis of 77 Cases with Type 3 Gastric Neuroendocrine Tumours

Reviewer's code: 05266887

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2020-07-11

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-03 01:28

Reviewer performed review: 2020-09-07 00:31

Review time: 3 Days and 23 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

In this study, the authors deal with an interesting topic, and the manuscript is very well written. I have no specific comments. I recommend to accept this study for publication after a minor editing. Thank you.