

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71485

Title: Protective Effects of Female Reproductive Factors on Gastric Signet-ring Cell Carcinoma

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05126185

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-09-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-14 23:38

Reviewer performed review: 2021-09-17 02:53

Review time: 2 Days and 3 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input checked="" type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

**Peer-reviewer
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

SPECIFIC COMMENTS TO AUTHORS

The topic is very important and the analysis was very sound. However, I would like to suggest the authors to address as a future research topic to conduct machine learning analysis and compare its results to its Cox counterparts.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03875889

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-09-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-20 00:33

Reviewer performed review: 2021-10-09 14:48

Review time: 19 Days and 14 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 type="checkbox"/> Yes <input checked="" 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
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SPECIFIC COMMENTS TO AUTHORS

Various reproductive factors related have provided contradictory results in relation to the risk of gastric cancers. Gastric signet-ring cell carcinoma in early and advanced stages is more frequently observed than gastric adenocarcinomas in younger and female patients. The explanation for the predominance of gastric signet-ring cell carcinoma in young females might provide significant clues to the etiology of the tumors and pave the way for research on innovative preventive and therapeutic treatments. The effect of female reproductive factors on gastric signet-ring cell carcinoma tumorigenesis and tumor development remains unclear despite the advances in the understanding of its epidemiology, and clinicopathology. In this study, the authors explored the effects of female reproductive factors on the prognosis and combined modality treatment of gastric signet-ring cell carcinoma. This study is very interesting. The results confirm that the female reproductive factors may provide the protective effects in gastric signet-ring cell carcinoma patients. After a minor revision, this study can be accepted. Comments: 1. The manuscript requires a minor editing. Some minor language polishing should be corrected. 2. The images of Figure 2 and Figure 3 are too small, please update the images. 3. The tables are good, however, require an editing.