



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 72688

Title: The comparison of the short and long-term outcomes between laparoscopic and open total gastrectomy for locally advanced gastric cancer after neoadjuvant chemotherapy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01557283

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-10-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-31 09:58

Reviewer performed review: 2021-11-07 00:21

Review time: 6 Days and 14 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 Grade E: Do not publish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 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

Summary of comments. The present study well analyzed the surgical outcomes after OTG and LTG following NACT. However, the present study was retrospective and single institutional study. Therefore, the authors should analyze historical bias. Major comments. 1. Introduction. Line 3, Page 5. The authors mentioned that neoadjuvant chemotherapy (NACT) reduced surgical risk. The authors should cite appropriate references about this. Postoperative complication rate after NAC may be equivalent to that of surgery-first therapy. 2. Material and methods. Patients. Since when have the authors perform LTG following NACT? If the authors performed LTG after NACT since 2012, how did the authors select LTG patients? The authors mentioned the present study was retrospective. Did not the present study include historical factor? This means the present study contained improvement of surgical technique of LTG between 2012 and 2019. The authors should number of patients undergoing LTG from 2012 to 2015, and that from 2016 to 2019 in Table 1. 3. Results. The authors should perform multivariate analyses of OS and DFS including historical factor (i.e., from 2012 to 2015 vs. from 2016 to 2019). Minor comments 1. Result & Conclusion. The abbreviations of pCR, ORR, AGC should be fully spelled when first appeared.



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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03036083

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-10-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-22 19:06

Reviewer performed review: 2021-11-22 21:16

Review time: 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 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 type="checkbox"/> Minor revision <input checked="" 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

There are many article reporting that NACT have an advantage in advanced gastric cancer. Recent results from the RESOLVE study showed that Perioperative SOX has a better survival than adjuvant SOX which suggest the benefit of NACT. On the other hand, there are several articles showing that LTG has a same oncological outcomes as OTG. However, there are no phase III RCT trial showing that LTG is inferior to OTG in advanced gastric cancer. In this study, authors showed that the operative outcomes were similar between treatment groups which provides new aspect to this field. 1. In general, NACT is administered to locally unresectable nonmetastatic gastric cancer or patients who are at a high risk of developing distant metastasis. In this study, it seems that there are several patients who does not have a indication for NACT, although there is no clear indication for NACT. It might be better to limit the sample to those with general indications for NACT. 2. Several patients used S-1 alone as a NACT. However, S-1 is usually combined with other chemotherapy. Therefore, I recommend excluding patients treated with S-1 alone for NACT. 3. According to Table 5, surgery costs were higher and hospitalization costs were lower in LTG group compared with OTG group. However, total costs seems to be similar. Please provide the data for total costs.



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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05576252

Position: Editorial Board

Academic degree: MD

Professional title: Consultant Physician-Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-10-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-22 08:35

Reviewer performed review: 2021-11-25 11:53

Review time: 3 Days and 3 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection



**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

Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is well written and interesting. No important edits are needed in my opinion.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Title: The comparison of the short and long-term outcomes between laparoscopic and open total gastrectomy for locally advanced gastric cancer after neoadjuvant chemotherapy

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Peer-review model: Single blind

Reviewer's code: 03036083

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-10-24

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2022-01-21 19:14

Reviewer performed review: 2022-01-21 19:22

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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection



**Baishideng
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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: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No
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SPECIFIC COMMENTS TO AUTHORS

Authors revised the manuscript according to comments of reviewers. I consider accepting this manuscript.