

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 84751

Title: Efficacy of continuous gastric artery infusion chemotherapy in relieving digestive obstruction in advanced gastric cancer

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00069988

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Associate Professor, Consultant Physician-Scientist, Doctor, Research Associate, Senior Scientist, Staff Physician, Surgeon

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

Manuscript submission date: 2023-03-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-27 08:02

Reviewer performed review: 2023-03-27 09:44

Review time: 1 Hour

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 Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty

Creativity or innovation of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation
Scientific significance of the conclusion in this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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

See attached word document with inserted comments.

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Reviewer's code: 05194798

Position: Editorial Board

Academic degree: MD

Professional title: Director

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-03-27

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-16 07:27

Reviewer performed review: 2023-05-04 01:37

Review time: 17 Days and 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

Thank you for giving me the chance to read this manuscript. I believe that continuous gastric artery infusion chemotherapy (cGAIC) is a promising treatment for relieving digestive obstruction in patients of gastric cancer although this study was a single-center setting with a small study population. It will be of interest to readers of this journal, and I believe that it may contribute to encouraging the further studies in this field. This manuscript is an original article that retrospectively investigated the efficacy and safety of continuous gastric artery infusion chemotherapy (cGAIC) in relieving digestive obstruction in 29 patients with advanced gastric cancer. The authors showed the overall response rate was 89.7% and Stooler's Dysphagia Score were significantly improved after the cGAIC. Moreover, the authors demonstrated that 13(44.8%) initially unresectable patients converted into radical resectable. This study was conducted well, and the methods are appropriate. The results will be of interest to clinicians in the field. However, the following minor issues require clarification: Minor 1. (P4L11) "Continuous gastric artery infusion chemotherapy" should be replaced with "cGAIC". 2. (P4, Core Tip) I recommend that the last sentence is modified to "Our new treatment can

not only help digestive obstruction to be relieved but also provide a good prognosis in treating tumor.” 3. “Obstruction or fullness after feeding are common, accounting for 31.6% of the gastric cancer patients, affecting the nutritional status and quality of life of patients.” Reference of this information should be added. 4. (Introduction) In this study, advanced gastric cancer included locally advanced unresectable gastric cancer or metastatic gastric cancer. This sentence should be explained in the Material and Method section. Furthermore, please provide the numbers of patients with locally advanced unresectable gastric cancer and metastatic gastric cancer. 5. Patients’ characteristics should be summarized in a table. 6. (P7) It’s difficult to understand when and where Inclusion and exclusion criteria was applied in the selection tree. 7. (P7L9) “Table 1” should be “Figure 1”. 8. Please describe regarding dose reduction in treatment regimens. 9. cGAIC was performed in 1-6 cycle. Please describe criteria for judge to continue or stop cGAIC. 10. (P12L10) Please provide the data of previous studies. 11. (P12L15) The nutritional status in serum albumin was not analyzed in this study. Was this comment related to previous studies? 12. (P13L28) “Figure 1C” should be “Figure 2C”. 13. (Table 5) “Date” should be “Data”. 14. (Figure 1) “6 patients were excluded” should be “7 patients were excluded”. 15. “Gastric cancer” should be abbreviated to “GC”. 16. Typographical and grammatical errors are conspicuous. Please proofread them.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Oncology*

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Title: Efficacy of continuous gastric artery infusion chemotherapy in relieving digestive obstruction in advanced gastric cancer

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Peer-review model: Single blind

Reviewer's code: 05194798

Position: Editorial Board

Academic degree: MD

Professional title: Director

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-03-27

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2023-05-18 21:10

Reviewer performed review: 2023-05-20 22:35

Review time: 2 Days and 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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

Thank you for revising the manuscript according to my suggestions. The revised manuscript is much improved. However, the following minor issues require clarification:

1. (P6L4) "Gastric cancer" should be abbreviated to "GC". 2. Retrospective setting in this study should be added in the limitation.