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

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<th>Scientific quality</th>
<th>[ Y ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
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<th>Novelty of this manuscript</th>
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<td>Conflicts-of-Interest</td>
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**SPECIFIC COMMENTS TO AUTHORS**

See attached word document with inserted comments.
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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: 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

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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

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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

Grade A: Excellent  
Grade B: Very good  
Grade C: Good  
Grade D: Fair  
Grade E: Do not publish

Language quality

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  
Major revision  
Rejection

Peer-reviewer

Peer-Review: Anonymous  
Anonymous
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.