PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 77446

Title: Adjuvant chemoradiotherapy versus adjuvant chemotherapy in locally advanced Siewert type II/III adenocarcinoma of gastroesophageal junction after D2/R0 resection

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06140363

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Belgium

Author’s Country/Territory: China

Manuscript submission date: 2022-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-11 09:38

Reviewer performed review: 2022-05-24 11:32

Review time: 13 Days and 1 Hour

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<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Y Grade B: Very good</th>
<th>Grade C: Good</th>
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<th>Conclusion</th>
<th>Accept (High priority)</th>
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<td>Y Minor revision</td>
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SPECIFIC COMMENTS TO AUTHORS
For locally advanced gastroesophageal junction, the local and regional recurrence and distant metastasis rates remain high after D2/R0 resection, leading to poor prognosis. As an important local treatment, radiotherapy can reduce the local recurrence rate and prolong survival time. Long-term follow-up results from the POET study showed that preoperative chemoradiotherapy had the advantage of reducing local and regional recurrence and was prone to improving overall survival compared to preoperative chemotherapy. This study aimed to determine whether chemoradiotherapy was superior to chemotherapy alone after D2/R0 resection for locally advanced Siewert type II/III gastroesophageal junction. The study is very well designed and preformed. The methods are described in detail. The patient selection and data collection are reasonable. The reviewer recommends to accept this study after a minor editing.
Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 77446

Title: Adjuvant chemoradiotherapy versus adjuvant chemotherapy in locally advanced Siewert type II/III adenocarcinoma of gastroesophageal junction after D2/R0 resection

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06129219

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer’s Country/Territory: Japan

Author’s Country/Territory: China

Manuscript submission date: 2022-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-11 09:38

Reviewer performed review: 2022-05-24 11:33

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Re-review | [Y] Yes | [ ] No
SPECIFIC COMMENTS TO AUTHORS
In this study, the authors reviewed 316 patients with locally advanced Siewert type II/III gastroesophageal junction patients to determine whether chemoradiotherapy was superior to chemotherapy alone after D2/R0 resection, comparing the overall survival, relapse-free survival, and recurrence modes between the chemoradiotherapy and chemotherapy alone groups. The sample size is enough, and the results are very interesting. The authors concluded that the postoperative radiotherapy may be feasible for Siewert type III gastroesophageal junction patients. This study is worthy for publication. Some minor typo errors should be checked and edited.
Name of journal: World Journal of Gastrointestinal Oncology

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Title: Adjuvant chemoradiotherapy versus adjuvant chemotherapy in locally advanced Siewert type II/III adenocarcinoma of gastroesophageal junction after D2/R0 resection

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06129218

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer’s Country/Territory: Japan

Author’s Country/Territory: China

Manuscript submission date: 2022-05-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-11 09:37

Reviewer performed review: 2022-05-24 11:34

Review time: 13 Days and 1 Hour

Scientific quality

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

Language quality

[ ] Grade A: Priority publishing  [ Y] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority)  [ Y] Accept (General priority)
[ ] Minor revision  [ ] Major revision  [ ] Rejection

Re-review

[ ] Yes  [ Y] No
SPECIFIC COMMENTS TO AUTHORS
This study is very interesting. Total 316 locally advanced Siewert type II/III gastroesophageal junction patients who were treated with D2/R0 resection were included. The overall survival, relapse-free survival, and recurrence pattern were followed. The data in the results are interesting, and well discussed. Congratulations.