

## 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

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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	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**

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.

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**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

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

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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <b>Y</b> ] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [ <b>Y</b> ] No
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#### **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.

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**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	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Accept (General priority) <input 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: ☒ Anonymous ☐ OnymousConflicts-of-Interest: ☐ Yes ☒ 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.