

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 65587

Title: Chemotherapy predictors and a time-dependent chemotherapy effect in metastatic esophageal cancer

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05122192

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Chief Physician, Associate Professor, Teacher

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-03-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-18 23:28

Reviewer performed review: 2021-04-30 08:04

Review time: 11 Days and 8 Hours

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 Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input checked="" type="radio"/> Yes <input type="radio"/> No

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous
Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

Esophageal cancer is the sixth most common global cause of cancer-related mortality. This study was to investigate the effect of chemotherapy on the survival of patients with advanced esophageal cancer. The National Cancer Database (NCDB) between 2004-2015 was interrogated. Patients with M1 disease, who had received or did not receive chemotherapy, were included. A logistic regression model, a Cox proportional hazards model, and propensity score analyses were used to investigate the overall effect of chemotherapy on patients with stage 4 esophageal cancer. The authors confirmed that the effect of chemotherapy on the median overall survival of patients with stage 4 esophageal cancer was time-dependent. This study is a retrospective study with some confounding factors, but it has an important guiding significance for clinical diagnosis and treatment. Relevant prospective research should be carried out. The writing of this paper is fluent and in line with the standard. This paper should be accepted.