

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63464

Title: Screening and Prevention of Hepatitis C Virus Reactivation during Chemotherapy

Reviewer's code: 05356524

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoctoral Fellow, Research Scientist, Senior Postdoctoral Fellow

Reviewer's Country/Territory: Germany

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-01 06:38

Reviewer performed review: 2021-04-08 10:15

Review time: 7 Days and 3 Hours

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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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
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

The manuscript "Screening prevention of Hepatitis C Virus Reactivation during Chemotherapy" by li et al. reviews the incidence of HCV reactivation during chemotherapy, their related outcome and reviews the pre-chemotherapy recommendation regarding the prevention of HCV reactivation. The paper is clearly written and addresses a critical topic; however, some points can be improved. I) I am aware that the paper is to be used as a practical guide for clinicians; however, it is unclear what the screening is for (e.g., antibodies, viral proteins, antigen, RNA levels, Etc.). Additionally, it is poorly described which diagnostic techniques the authors refer to for HCV screening and their respective advantages and disadvantages. II) Table 1 is, in my view, not necessary III) Since the manuscript is poorly illustrated, information in tables 2 and 4 could be transformed in Figures. IV) Font size and formatting of table 4 are not the same as the other tables.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63464

Title: Screening and Prevention of Hepatitis C Virus Reactivation during Chemotherapy

Reviewer's code: 05190007

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-02 00:05

Reviewer performed review: 2021-04-10 23:42

Review time: 8 Days and 23 Hours

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 type="checkbox"/> Minor revision <input checked="" 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Li and colleagues in a concise review highlighted on the screening and prevention of HCV reactivation during chemotherapy. The title reflects the main subject of the manuscript. The abstract summarize and reflect the work described in the manuscript. The key words reflect the focus of the manuscript. The manuscript cites appropriately the latest references. However, some concerns should be raised firstly. Major comments: What is the definition of HCV reactivation? - It is not clearly defined. - Moreover more than one meaning was mentioned within the manuscript. - It should be clearly defined before discussing the topic What is the definition of quiescent HCV infection? - Is it an HCV infection with positive HCV-RNA but normal liver enzymes? or - Is it an HCV infection with positive HCV-RNA but normal liver biopsy or those with minimal activity and no fibrosis? Or what? A highlight should be given on the different definitions of HCV-related hepatitis flare in cancer patients before discussing this title. Page 7: What is the evidence-base for the need of chemotherapy stoppage in those with HCV-reactivation? Minor comments: - MD Anderson----- please write MD Anderson Cancer Center