



PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 74948

Title: Direct-acting antivirals for HCV-infected patients with hepatocellular carcinoma

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05395857

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2022-01-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-15 13:50

Reviewer performed review: 2022-01-28 06:32

Review time: 12 Days and 16 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 Grade E: Do not publish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 checked="" 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

In this study, the authors retrospectively analyzed the risk of HCC (re)occurrence after DAA-therapy in 311 HCV patients, the clinical course of HCC before and after DAA-therapy was also evaluated. They found that the frequency of HCC (re)occurrence in both patients with and without an HCC history was similar during the post-DAA-therapy period. Only incidence rate of pre-DAA-therapy HCC (re)occurrence was an independent predictive factor of HCC (re)occurrence after DAA-therapy. In patients with HCC (re)occurrence after DAA-therapy, liver function was well-preserved and the clinical course was good. The study findings are very interesting, as the safety of DAA has gradually attracted attention, especially whether DAA can increase the risk of liver cancer occurrence and recurrence in HCV patients. The following are the specific comments on the manuscript. (1) An important risk factor for HCC includes alcohol abuse, which could be considered as a supplement to the baseline data of patients. (2) Some scholars believe that DAA may lead to the recurrence of liver cancer. In this study, the patients' liver function was well preserved after DAA treatment. The possible mechanism for the good course of disease can be appropriately supplemented in the discussion.



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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05261046

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Japan

Manuscript submission date: 2022-01-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-29 20:06

Reviewer performed review: 2022-01-29 20:21

Review time: 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 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
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

very well written paper in a very relevant topic.