

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 70092

Title: Outreach onsite treatment with a simplified pangenotypic direct-acting anti-viral regimen for hepatitis C virus micro-elimination in a prison

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05283007

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-06 15:01

Reviewer performed review: 2021-08-07 03:20

Review time: 12 Hours

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 Grade E: Do not publish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 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="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

The paper by Chun-Ting Chen, et al. entitled 'Outreach onsite treatment with a simplified pangenotypic direct-acting antiviral regimen for hepatitis C virus micro-elimination in a Prison' is an important practical report about successful strategies toward HCV micro-elimination among prisoners. Generally, this manuscript is well-written and is of interest for the readers in the field. Some comments are listed as below: Major comments: 1. It is of contradiction that the abstract states there was no virological failure but in fact one patient in the "Sporadic HCV therapy in outpatient clinics" experienced virological failure. 2. As mentioned by the authors, unexpected releasing from prisons or transferring to other prisons frequently led to the interruption of treatment or lost-to- follow up, shortened treatment duration would be theoretically beneficial in this scenario. By the way, the results suggested that most HCV-infected prisoners are treatment-naïve with good liver reserve, the authors should address why they chose sofosbuvir/velpatasvir rather than glecaprevir/pibrentasvir in this study. Furthermore, sofosbuvir/velpatasvir may not be available in some countries, the pros and cons of using sofosbuvir/velpatasvir vs. glecaprevir/pibrentasvir in this setting should be addressed. Minor comments 1. Although the words "virological" and "virologic" can be used interchangeably, they should be used consistently in the same article. 2. In the last paragraph of "Introduction" the word "diagnose" should be "diagnosis".

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06084005

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-08-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-05 08:52

Reviewer performed review: 2021-08-16 15:49

Review time: 11 Days and 6 Hours

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 checked="" type="checkbox"/> Accept (General priority) <input 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="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

In the manuscript Outreach onsite treatment with a simplified pangenotypic direct-acting anti-viral regimen for hepatitis C virus micro-elimination in a Prison, the authors present a well-written and comprehensive study that provide successful strategies toward HCV micro-elimination among prisoners. I think that the tittle reflect the main subject/hypothesis of the manuscript. The abstract summarize and reflect the work described in the manuscript, and keywords are aproppiate. Methods and results are described in adequate detail. The manuscript is well organized. I think it is a very good work.