PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55582

Title: Hypertransaminasemia in the course of infection with SARS-CoV-2: Incidence and pathogenetic hypothesis

Reviewer's code: 02536349

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-26 02:11

Reviewer performed review: 2020-03-26 07:50

Review time: 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	[ ] Accept (High priority)	Peer-Review:
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing		[ ] Anonymous
[Y] Grade C: Good		[Y] Accept (General priority)	[Y] Onymous
[ ] Grade D: Fair	[ ] Grade C: A great deal of language polishing	[ ] Minor revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish	[ ] Grade D: Rejection	[ ] Major revision	[Y] Advanced
		[ ] Rejection	[ ] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

The paper does not raise important findings except the recent ratio of Covid-19 positive cases with elevated transaminases. Due to highly current aspects of worldwide infection the paper may be pressed due to raise awareness toward toxic hepatitis and liver functions while managing patients. A general approach to high transaminases could be optionally mentioned.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

BPG Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55582

Title: Hypertransaminasemia in the course of infection with SARS-CoV-2: Incidence and pathogenetic hypothesis

Reviewer's code: 02495656

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-25

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2020-04-01 07:39

Reviewer performed review: 2020-04-01 08:19

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	[ ] Accept (High priority)	Peer-Review:
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[Y] Accept (General priority)	[Y] Anonymous
[ ] Grade C: Good			[ ] Onymous
[ ] Grade D: Fair	[ ] Grade C: A great deal of language polishing	[ ] Minor revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish	[ ] Grade D: Rejection	[ ] Major revision	[Y] Advanced
		[ ] Rejection	[ ] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

General comments: This is a timely and well organized review paper. Literature review and inclusion is quite comprehensive in the related topic. The following suggestions the authors may need to consider: Specific: 1. While the authors comprehensively mentioned SARS-CoV-2, a mention about the previous SARS-CoV and MERS-CoV should be helpful for the readers, as did in other review papers (e.g., Jiang F, Deng L, Zhang L, Cai Y, Cheung CW, Xia Z. J Gen Intern Med. 2020 Mar 4. doi: 10.1007/s11606-020-05762-w.PMID: 32133578) 2. The authors mentioned "cytokine storm" as a mechanism of mortality and cited recent refences. Surgical stress can exacerbate "cytokine storm" and the COVID19 disease progression, and a recent paper should be cited: e.g. Lei S, Jiang F, Su W, Chen C, Chen J, Wei Mei W, Zhan LY, Jia Y, Zhang L, Liu D, Xia ZY and Xia Z.. Clinical characteristics and outcomes of patients undergoing surgeries during the incubation period of COVID-19 infection. EClinicalMedicine 2020

INITIAL REVIEW OF THE MANUSCRIPT

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[Y] No

BPG Search:

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[   ] Duplicate publication

[   ] Plagiarism

[Y] No

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
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[ ] Grade C: Good			[ ] Onymous
[ ] Grade D: Fair	[ ] Grade C: A great deal of language polishing	[ ] Minor revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish	[ ] Grade D: Rejection	[ ] Major revision	[Y] Advanced
		[ ] Rejection	[ ] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors summarized the incidence of hypertransaminasemia in COVID-19 patients with currently available data and proposed several pathogenetic hypothesis of this phenomenon. This manuscript is interesting and timely. Introduction -line 1: COVID-19 is caused by SARS-CoV-2, these two are not equivalent, please modify. -Instead of searching the keywords in database, I think the authors should read all the original articles of COVID-19 to find relevant studies, since the total number of studies is not large and that will be more comprehensive. Table 1 Since all studies were published in 2020. I think it's better to add the specific online date of these studies. Statistical analysis -line 6-8, citation should be indicated in the reference section

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[   ] Plagiarism

[Y] No

BPG Search:

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[   ] Duplicate publication

[   ] Plagiarism

[Y] No