PEER-REVIEW REPORT

Name of journal: World Journal of Virology

Manuscript NO: 65931

Title: A COMPREHENSIVE REVIEW OF THE SCIENTIFIC EVIDENCE IN THE COVID-19 TREATMENT

Reviewer's code: 05238706

Position: Peer Reviewer

Academic degree: MSc, MSN

Professional title: MSN, Statistician, Teacher, Technician

Reviewer's Country/Territory: Iran

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-22 09:27

Reviewer performed review: 2021-04-22 09:29

Review time: 1 Hour

Scientific quality

[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good
[ ] Grade D: Fair [ ] Grade E: Do not publish

Language quality

[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority) [ ] Accept (General priority)
[Y] Minor revision [ ] Major revision [ ] Rejection

Re-review

[Y] Yes [ ] No

Peer-reviewer statements

Peer-Review: [Y] Anonymous [ ] Onymous

Conflicts-of-Interest: [ ] Yes [Y] No
SPECIFIC COMMENTS TO AUTHORS

minor revise
Name of journal: World Journal of Virology
Manuscript NO: 65931
Title: A COMPREHENSIVE REVIEW OF THE SCIENTIFIC EVIDENCE IN THE COVID-19 TREATMENT
Reviewer’s code: 05427157
Position: Peer Reviewer
Academic degree: MD
Professional title: Director, Staff Physician
Reviewer’s Country/Territory: United States
Author’s Country/Territory: Spain
Manuscript submission date: 2021-03-17
Reviewer chosen by: AI Technique
Reviewer accepted review: 2021-04-22 13:34
Reviewer performed review: 2021-04-23 22:05
Review time: 1 Day and 8 Hours

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<th>Scientific quality</th>
<th>[ Y ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
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| Re-review          | [ ] Yes | [ Y ] No |

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SPECIFIC COMMENTS TO AUTHORS

Overall very well written manuscript, easy to read and well organized for practicing clinicians. I think it will be an important addition to existing literature. Few suggestions that can help strengthen the manuscript:

1. There has been few similar manuscripts published before, authors should cite at least one of them and suggest how their paper is different. E.g. previously similar articles of treatment reviews are published but we review updated literature with focus on articles published in high impact journals. One similar article you can consider citing is (Boregowda U, Gandhi D, Jain N, Khanna K, Gupta N. Comprehensive Literature Review and Evidence evaluation of Experimental Treatment in COVID 19 Contagion. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine. January 2020. doi:10.1177/1179548420964140)

2. In my opinion any article that discuss COVID-19 treatments should at least have small paragraph under section of anticoagulation, mentioning role of anticoagulation in patients hospitalized with COVID-19. Almost all institution in US recommend prophylactic dose enoxaparin in all patients if bleeding risk is acceptable even if they are young and ambulatory not only from prevention of VTE perspective but it has somewhat beneficial effect on what is described as thromboinflammatory state. One article that summarize this in general is (Skeik N, Smith JE, Patel L, Mirza AK, Manunga JM, Beddow D. Risk and Management of Venous Thromboembolism in Patients with COVID-19. Ann Vasc Surg. 2021 Feb 10:S0890-5096(20)31039-6. doi: 10.1016/j.avsg.2020.11.007. Epub ahead of print. PMID: 33333197; PMCID: PMC7834325)