PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Infectious Diseases

Manuscript NO: 65056

Title: Lymphocyte Count Predicts the Severity of Coronavirus Disease 2019 (COVID-19): Evidence from a Meta-analysis

Reviewer's code: 00503536

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-02-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-28 07:57

Reviewer performed review: 2021-03-04 03:46

Review time: 3 Days and 19 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

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SPECIFIC COMMENTS TO AUTHORS

The manuscript written by Yi-si Zhao performed a Meta-analysis and found that the lymphocyte count can predict the severity of coronavirus infections, including COVID-19. Since the management for patients with severe disease with coronavirus infections is very important to prevent death from the infectious disease. Thus, the analysis is important for the management of coronavirus infection. However, there are a couple of concerns that need to be addressed.   Minor points 1.   The lymphocytes are consisted of different populations such as T cells, B cells, or NK cells. It would be informative if the authors could give data on the lymphocyte populations, which might be linked to the reason for the association of low lymphocyte count and poor prognosis.

2.   It would be better if the authors could give any data on viral load in association with the lymphocyte count.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Infectious Diseases

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Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-02-27

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-04-06 11:26

Reviewer performed review: 2021-04-06 11:36

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	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is revised according to the comments.