Peer Review Report

Review Report on Long COVID through a public health lens: An Umbrella Review

Review, Public Health Rev

Reviewer: Ayan Paul
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EVALUATION

Q 1 **Please summarize the main theme of the review.**

The work focuses on reviewing reviews on long COVID and the disease burden that it brings. In addition, it examines the clinical and the socioeconomic aspects of Long COVID

Q 2 **Please highlight the limitations and strengths.**

Strengths:
- The work focuses on three very important questions about Long COVID
- Being a review of reviews it covers quite a bit of literature

Limitations:
- Some of the works cited and used in this review seem to be from preprint archives. I personally prefer to base reviews on peer-reviewed articles only.
- The figures are of very poor quality and are unreadable. They need to be replaced with much higher quality figures.

Q 3 **Please provide your detailed review report to the authors, structured in major and minor comments.**

I have two major changes to suggest.

1. The figures should be updated to make them readable. I could not read them myself and hence cannot judge what they say.

2. It seems like preprint articles should not be included in reviews. I personally, prefer to include only articles that have already been peer-reviewed. If over time, these articles have been published in peer-reviewed journals the authors should update the references and make sure that the results of those works have not changed. If the articles have not been peer-reviewed yet, they should be removed and the text and tables adjusted accordingly.

Overall, I find the article informative and a good resource for future research on Long COVID.

PLEASE COMMENT

Q 4 **Does the reference list cover the relevant literature adequately and in an unbiased manner?**

Yes. The authors adhere to the PRISMA guidelines and provide sufficient information on their search criteria in the supplemental files.

Q 5 **Does this manuscript refer only to published data? (unpublished data is not allowed for Reviews)**

No.

Q 6 Does the manuscript cover the issue in an objective and analytical manner

Yes.

Q 7 Was a review on the issue published in the past 12 months?

No.

Q 8 Does the review have international or global implications?

Long COVID is a global concern. The authors were quite inclusive in their choice of reviews and hence the work has global implications

Q 9 Is the title appropriate, concise, attractive?

Yes

Q 10 Are the keywords appropriate?

Maybe Long COVID should be added to the keywords. Prevalence seems to be too general as a keyword.

Q 11 Is the English language of sufficient quality?

yes

Q 12 Is the quality of the figures and tables satisfactory?

No.

QUALITY ASSESSMENT

Q 13 Quality of generalization and summary

Q 14 Significance to the field

Q 15 Interest to a general audience

Q 16 Quality of the writing

REVISION LEVEL

Q 17 Please take a decision based on your comments:

Major revisions.