

Review Form 1.7

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_108216
Title of the Manuscript:	Post-Covid-19 clinical Symptom Frequency and Associated Factors in a Cohort of Patients discharged from the ICU and Monitored for 12 Months, in Libreville, Gabon
Type of the Article	Original Research Article

Review Form 1.7

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1-the manuscript important for scientific community</p> <p>-the title of the article is suitable</p> <p>3-abstract of the article is comprehensive</p> <p>4-subsections and structure of the manuscript are appropriate, need reformulation, see below</p> <p>5-the manuscript is scientifically correct</p> <p>6-references are sufficient [see below]</p> <p>Congratulation of a good work. In spite of logic flow of ideas throughout the manuscript, and throughout the discussion section the author reported that the causes of long COVID especially fatigue are unclear, also reported that it may be due to cytokine disruption [17] or disturbance of respiratory T cell responses [18].Introduction and discussion missed a simple clarification of immunopathology of COVID19 which may explanans disease severity and long COVID, so I prepare such paragraph with supplied references which help to understand the immune background in COVID19 and making the introduction more informative: -</p> <p>Toll like receptors (TLRs) play a considerable role in the host defence against microorganism [1]. activation of the TLRs in COVID-19 infection could lead to the production of pro-inflammatory cytokines [2]. serum levels of PD-L1 have a prognostic role in COVID-19 patients and associated to COVID-19 pathogenesis [3]. PD-L1 is responsible for T cell activation, proliferation, and cytotoxic secretion in cancer to produce anti-tumour immune responses [4]. TGF-β1[5] and interleukin-10 (IL-10) are key regulators of immune homeostasis [6]. TGF-β is a prominent regulator of immune reactions [7], and it causes a comorbidity of severe COVID-19 patients [8]. Mean platelet volume (MPV), and platelet distribution width (PDW) were increased in non-survivors of COVID-19[9]. Also, MPV and PDW are valuable diagnostic markers for diagnosis of Spontaneous bacterial peritonitis (SBP) [10].</p> <p>[1] doi: 10.4084/MJHID.2022.022. PMID: 35444773; PMCID: PMC8992612.</p> <p>[2] Patra R, Chandra Das N, Mukherjee S. Targeting human TLRs to combat COVID-19: A solution? J Med Virol. 2020;93:615-617. https://doi.org/10.1002/jmv.26387</p> <p>[3] Sabbatino F, Conti V, Franci G, Sellitto C, Manzo V, Pagliano P, De Bellis E, Masullo A, Salzano FA, Caputo A, Peluso I, Zeppa P, Scognamiglio G, Greco G, Zannella C, Ciccarelli M, Cicala C, Vecchione C, Filippelli A, Pepe S. PD-L1 Dysregulation in COVID-19 Patients. Front Immunol. 2021 Jun 7;12:695242. doi: 10.3389/fimmu.2021.695242. PMID: 34163490; PMCID: PMC8215357.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English editing is needed</p>	
<p>Optional/General comments</p>		

[Review Form 1.7](#)

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Muhamad R. Abdel Hameed
Department, University & Country	Assiut University, Egypt