

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research in Infectious Diseases</b>
Manuscript Number:	<b>Ms_AJRID_109797</b>
Title of the Manuscript:	<b>Epidemiological, clinical and radiological profile of patients hospitalized for covid19 at the Epidemic Treatment Centre of the Fann hospital, Dakar during the third and fourth waves</b>
Type of the Article	<b>Original Research Article</b>

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**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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1: The manuscript exhibits a diminished degree of novelty, given the waning prevalence of Covid-19. Nevertheless, the discoveries presented in the publication may prove advantageous for the scientific community.</p> <p>2: The suggested title is informative and adequately conveys the focus of the study. However, authors, may consider refining it for conciseness and clarity.</p> <p>3: The abstract section warrants improvement in certain aspects, including:</p> <ul style="list-style-type: none"> <li>✓ <b>Clarity and Conciseness:</b> Consider rephrasing the sentence: "We enrolled 248 patients during the study period." to something like "A total of 248 patients were enrolled during the study period." In the conclusion, the phrase "the lethality of covid19 was not negligible" might be more straightforward as "the mortality rate of COVID-19 was significant."</li> <li>✓ <b>Precision in Reporting Data:</b> In the results section, author state, "Three quarters (76.6%) of our patients had not been vaccinated against COVID-19." While this gives a good estimate, consider providing the exact number of patients who were vaccinated and those who were not for more precision.</li> <li>✓ <b>Grammer style:</b> In the conclusion, consider rephrasing "at around one in four patients" to something like "approximately one in four patients."</li> </ul> <p>4: yes 5: yes 6: yes</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Yes. But it can improve.</p> <p><b>Introduction:</b></p> <ol style="list-style-type: none"> <li>1. Consider revising: "COVID19 (Coronavirus Infectious Disease 2019) is an emerging contagious zoonotic disease caused by the severe acute respiratory syndrome 2 (SARS-CoV-2) virus." to "COVID-19 (Coronavirus Disease 2019) is an emerging contagious zoonotic disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)."</li> <li>2. In the sentence: "In Senegal, since the first case was recorded on 2 March 2020, the monthly number of positive cases and deaths linked to COVID-19 has been rising steadily," consider specifying the timeframe for the rise in positive cases and deaths to enhance clarity. For example, "Since the first case was recorded on 2 March 2020, the monthly number of positive cases and deaths linked to COVID-19 has been steadily increasing."</li> <li>3. In the sentence: "The geographical distribution is uneven across the country," consider specifying what is uneven about the distribution for more clarity.</li> </ol> <p><b>Results:</b></p> <ol style="list-style-type: none"> <li>1. The author is required to provide the complete names corresponding to abbreviations in Table 1, including but not limited to CVA and HTA.</li> </ol>	

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<p><b>Optional/General</b> comments</p>	<p>Results part:  <b>Section 3.1: EPIDEMIOLOGICAL ASPECTS</b>          Here are some suggestions to further enhance and improve the publication:</p> <p><b>Vaccination Information:</b></p> <ul style="list-style-type: none"> <li>For the vaccinated patients, consider providing additional details such as the number of doses received, the time elapsed since the last dose, or any specific trends observed among vaccinated patients. This information could add depth to your analysis.</li> </ul> <p><b>Comorbidity Analysis:</b></p> <ul style="list-style-type: none"> <li>While you've mentioned the prevalence of comorbidities, consider discussing the potential impact of these comorbidities on the course of COVID-19. Are there notable differences in outcomes among patients with different comorbidities?</li> </ul> <p><b>Hospitalization History:</b></p> <ul style="list-style-type: none"> <li>Discuss the significance of the high percentage (86.7%) of patients previously hospitalized in another facility. Are there implications for the severity of the disease or the effectiveness of prior treatments?</li> </ul> <p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li><b>Explanation of Variability:</b> When discussing differences in average age found in various studies ([10] in Congo and [11] in Mali), consider providing potential explanations for this variability. Factors such as regional demographics, healthcare infrastructure, and population characteristics may contribute to these differences.</li> <li><b>Further Explanation on Vaccination:</b> While you mention a decrease in vaccine efficacy in elderly patients and those with comorbidities, consider providing more context or specific details on how these factors might influence the effectiveness of vaccination.</li> <li><b>Clinical Symptom Discussion:</b> When discussing clinical symptoms, consider briefly discussing the implications of these symptoms on the severity and prognosis of COVID-19 in your patient population. This can help readers understand the clinical significance of your findings.</li> <li><b>Consistency in Terminology:</b> Ensure consistent use of terminology. For example, you mention "non-negligible case-fatality rate" in the last paragraph. Consider using terms like "significant" or "substantial" for clarity.</li> </ul> <p><b>Conclusion:</b></p> <ul style="list-style-type: none"> <li>The conclusion section appears concise and would benefit from further elaboration to enhance its depth and clarity. Consider expanding on key findings, providing a more detailed summary of the implications, and offering potential avenues for future research. This will contribute to a more comprehensive and robust conclusion that aligns with the depth of the study.</li> <li>All references must be appropriately cited within the manuscript to ensure proper attribution and scholarly integrity.</li> </ul>	
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**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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