

To,

The Editor-in chief

Microbes, Infection and Chemotherapy

Subject: Submission of the revised manuscript

Dear Sir/Madam,

Thank you for your consideration, reviewing and valuable comments of the referee(s) for the manuscript entitled " RELATIONSHIP OF TROPONINS WITH IN-HOSPITAL MORTALITY IN ADULTS WITH COVID-19 IN A COLOMBIAN CARIBBEAN CITY: A NESTED CASE-CONTROL STUDY." which we submitted to your esteemed journal 'Microbes, Infection and Chemotherapy'. We greatly appreciate the constructive comments. We have now addressed these comments, and this has strengthened the paper. We would request you to please review the document being as we have modified the text as required with the track changes review mode in corrected manuscript file to facilitate the work for the reviewers as below.

Author Contribution Statement incorporated in the corrected manuscript file as-

The authors confirm their contribution to the paper as follows: study conception and design: Ospino Maria, Murgas Carlos, Cano Rodolfo; data collection: Ospino María, Murgas Carlos; analysis and interpretation of results: Vargas Rusvelt, Varela Lourdes; draft manuscript preparation: Ospino Maria, Murgas Carlos, Ospino Jessica. All authors reviewed the results and approved the final version of the manuscript. All authors agreed to be responsible for all aspects of the work to ensure the accuracy and integrity of the published manuscript.

Author replies to comments of the reviewers are as follows:

Reviewer A:

Thank you for clarifying the points that were mentioned, I hope it has helped to improve the manuscript. However, you still have to take into account the sample size, there is a formula (or you can work with open programs like OpenEdi or EpiDat), the sample size they calculated is for proportion studies but not for a "control case." They could check whether the sample size is adequate and consider the resulting statistical power.

For the rest, I appreciate that the considerations have been taken into account.

Author clarification to the Reviewer's Comments: Thanks for the appreciation by the reviewers. We verified the size of the formula using Epidat 4.2, estimating a power of 80% and a confidence level of 95% as independent groups, obtaining agreement with the sample used taking into account the Yates correction.

We hope our revised version will be received favorably and look forward to hearing from you soon

Thanking you,

A handwritten signature in brown ink, reading "María Clara Ospino Guerra". The script is cursive and elegant, with the first name "María" starting with a large, decorative capital 'M'.

María Clara Ospino Guerra
Corresponding Author