

Reviewer#1

Specific comments to authors: Dear Authors, Thank you for conducting this interesting study entitled "The Association Between SARS-CoV-2 Infections and Thrombotic Complications Necessitating Surgical Intervention: A Systematic Review" for possible publication in the esteemed journal "World Journal of Methodology". Although the article is interesting, certain issues should be addressed.

1. The authors should differentiate between systematic review alone and systematic review and meta-analysis. As I found in the objective in the introduction section, the authors said systematic review and meta-analysis. This of course differs from what the authors wrote in the title.

Reply: The title has been changed accordingly.

2. Abstract: a. It is better to remove "The purpose of this study was to perform a systematic review of the literature on SARS-CoV-2 infections that resulted in thrombotic complications necessitating surgical intervention." as you are already mentioned the aim in a separate subheading.

Reply: This sentence has been removed.

b. 60/70 patients = 85.7%. you can approximate it to 86% not as you mentioned 85%.



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Reply: We have changed this number as stated.

3. Introduction: this sentence " Few studies have characterized this association" needs a reference.

Reply: As this is a general statement that does not reflect any body of literature or manuscript we have not added a reference to this sentence.

4. METHODS: Please change this "COVID-19 infection" to either "COVID-19" or "SARS-CoV-2 infection". Please do the same in the whole manuscript.

Reply: We have changed all references to COVID-19 infections and replaced with the suggested terms.

5. Discussion: a. The authors should discuss the effect of the age and gender of the patients on the mortality rate.

Reply: We have added in a discussion with references to this point.

b. You must use "CIC" rather than "COVID-19-induced coagulopathy" as an abbreviation of this term because you are already used this abbreviation in the introduction section.

Reply: We have replaced all references to COVID-19-induced coagulopathy with CIC.



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6. Some references should follow the journal style.

Reply: We believe that the references are in journal style at this time. Please let us know if any will require change.

7. Figure 1 does not appear completely in the manuscript file.

Reply: We have uploaded a separate PPT with this figure. Please let us know if it requires any further change.

Reviewer#2

Specific comments to authors: This systematic review showed despite the use of prophylactic anticoagulation the incidence of thrombotic complications due to COVID-19 is still high, among which intestinal ischemia and acute limb ischemia are more commonly needed operative management. This review is very comprehensive and easy to understand, but limited by the sample size, only 70 were included. Further studies are needed to figure out the dose and choice of anticoagulants in relation to severe thromboembolic events after SARS-CoV-2 infection. It would be more clear if the results are shown in an additional table.

Reply: As there is very little data, we felt it better to display everything in 1 table and not over complicate the study. If there is a specific way that you suggest formatting another table, or what this might include please let us know.

Re-reviewer

Specific comments to authors: Dear Authors, Thank you for revising this interesting study entitled "The Association Between SARS-CoV-2 Infections and Thrombotic Complications Necessitating Surgical Intervention: A Systematic Review" for possible publication in the esteemed journal "World Journal of Methodology". Although the article is interesting, certain issues should be addressed (I think this is because of a problem in uploading the files).

1. The authors should differentiate between systematic review alone and systematic review and meta-analysis. As I found in the objective in the introduction section, the authors said systematic review and meta-analysis. This of course differs from what the authors wrote in the title. Each word should be started with a small letter apart from the first word as per journal style.

Reply: as above

2. Abstract: a. It is better to remove "The purpose of this study was to perform a systematic review of the literature on SARS-CoV-2 infections that resulted in thrombotic complications necessitating surgical intervention." as you are already mentioned the aim in a separate subheading.

Reply: as above

b. 60/70 patients = 85.7%. you can approximate it to 86% not as you mentioned 85%.

Reply: as above

3. Introduction: This sentence " Few studies have characterized this association" needs a reference.

Reply: as above

4. METHODS: Please change this "COVID-19 infection" to either "COVID-19" or "SARS-CoV-2 infection". Please do the same in the whole manuscript.

Reply: as above

5. Discussion: a. The authors should discuss the effect of the age and gender of the patients on the mortality rate.

Reply: as above

b. You must use "CIC" rather than "COVID-19-induced coagulopathy" as an abbreviation of this term because you are already used this abbreviation in the introduction section.

Reply: as above

c. " Various groups have identified older age and male gender to be risk factors for more severe manifestations of the COVID-19 disease (PMID: 32320003; PMID: 32203977; PMID: 32109013)." Please add the reference numbers instead of PMIDs.

Reply: as above

6. There is only the legend of Figure 1 without the figure. Besides, Table 1 is absent from the manuscript. There are no separate files for the figure and the table. The PDFs "77116-



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PRISMA-2009-Checklist-revision" and "77116-Supplementary Material" are the same (both belong to the PRISMA-2009-Checklist). Please take care in the next revision state.

Best Regards

Reply: We are unable to delete one of these in the editorial submission website. We apologize and request that, if possible, this be deleted on the editorial side.