

Peer Review File

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Reviewer A

- 1. First, please check whether this case report was strictly written according to the CARE guideline, at least, the abstract is not standardized. Second, in the abstract, please clearly indicate why the case deserved to be reported. I cannot see the necessity for reporting a COVID-19 case with hypercoagulable state.***

We have updated the case report, including the Abstract, according to the CARE guideline. We have highlighted the necessity of publishing this case report in the Abstract. According the author guideline, the Abstract for Case Reports are not standardized.

- 2. In the part of case presentation, please provide more details of the case, including severity of COVID-19, main complaints, diagnosis, treatment, and long-term prognosis.***

We have updated the case representation with additional clinical information the severity of Covid-19 on page 4.

- 3. Please also consider whether the current conclusion is appropriate because it is overstated to say “the association of Coronavirus disease and the hypercoagulability” and the two may co-occur occasionally.***

We have tempered the association in the conclusion.

- 4. The second is “rule out COVID-19”, which can be detected via SARS-CoV-2 RNA test, not difficult.***

We have corrected the wording on page.

- 5. Third, in the introduction part, I suggest the authors to focus on why the case deserved to be reported including the clinical significance of this case. In this part, the authors should not only repeat what has been known about the liver injury in COVID-19 but please focused on limitations of existing studies and unknown knowledge in this regard.***

We have updated our Introduction and focused on the limitations of existing studies and unknown knowledge in this field.

- 6. Fourth, in the part of case presentation, please use a timeline figure to describe the diagnosis, treatment, progression, and prognosis of the case, including the changes in the laboratory findings.***

We have a timeline table describe the diagnosis and disease course of the case report.

- 7. Please consider possible mechanisms underlying the findings, including the treatment-induced. The authors should have a separate paragraph to summarize the main findings, provide insights on clinical implications and lessons learned from this case, unaddressed issues in relation to this case, and possible solutions.***

We have included mechanisms for our findings on Page 5, Lines 16-24. We have included a new separate program summarize the main findings, provide insights on clinical implications and lessons learned from this case and possible solutions.

Reviewer B

- 1. Further and Clinical and Laboratory data are necessary. The patient was most probably strongly dehydrated. Coagulation data and possibly D-Dimer plasma levels are necessary. Albumin serum level is also very important (Ramadori G. Int J Mol Sci july 2021).***
- 2. The proteinuria is not a consequence of COVID-19 but of the thrombosis of the renal vein (please discuss).***

We have included discussion on proteinuria, as consequence of renal vein thrombosis on Page 5, Line 23 and 24.

Reviewer C

- 1. On the abstract, the second phrase of the "Introduction" (lines 3-4) and the last of "Results" (lines 17-18) should be rewritten.***

We have re-written the second phrase of the "Introduction" (lines 3-4) and the last of "Results" (lines 17-18).

- 2. On "History of Present Illness", on the last phrase of the first paragraph (lines 28-29), where we read "liver" should be corrected to "living".***

We have corrected the sentence.

- 3. I miss some more discussion on the matter of hypercoagulation state on***

COVID-19, an important central topic on this subject. There have been great interest and a few guidelines that suggest extra care on this question, especially for patients with comorbidities.

We have included additional discussion on the association of Covid-19 infection and hypercoagulation on Page 5, Lines 16-24.