

## Review Form 1.7

Journal Name:	<b>International Journal of TROPICAL DISEASE &amp; Health</b>
Manuscript Number:	<b>Ms_IJTDH_119403</b>
Title of the Manuscript:	<b>Profile of D-Dimer Levels in Patients Confirmed Positive for COVID-19 at the Indonesian Christian University Hospital</b>
Type of the Article	<b>Original Research Article</b>

### 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><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><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>The manuscript deals with the results of plasma D-Dimer measurement during hospitalisation in patients suffering from COVID-19-infection and different clinical severity. Of 149 samples studied in 129 D-Dimer plasma level was normal and only 19 patients had elevated plasma levels. A statistically significant difference was found between patients treated with anticoagulants and those without such treatment. It was concluded that there is a statistical significance between anticoagulant therapy and D-Dimer plasma level in patients with moderate or severe consequence of COVID-19 infection.</p> <p>Comments:</p> <ol style="list-style-type: none"> <li>The abstract should contain the age of the group of patients studied in the title and in the methods.</li> <li>It has to be taken into account that anticoagulants are administered in patients with moderate or severe clinical conditions especially if D-Dimer-plasma levels are elevated. Therefore it is not surprising that there is a significant correlation between D-Dimer and anticoagulant-treatment.</li> <li>The introduction does not contain the literature concerning albumin serum level and the influence of albumin administration on D-Dimer. The first sentence of the discussion should be the first sentence of the introduction and the authors should elaborate more on that topic and consider publication dealing with dehydration as possible cause of tissue damage and „provisional clot“ formation.</li> <li>Materials section is more a part of the introduction and should be much shorter for this section.</li> <li>It is not clear why only young people were considered for the study</li> <li>The clinical symptoms should be given as it is the case for the duration of the disease before hospitalisation. The follow-up of the measurements during hospitalisation should be given. The same holds true for the list of drugs administered during hospitalisation and for the albumin and creatinin-serum level.</li> </ol> <p>In table 3 ARSD and pregnancy are considered comorbidities. While ARDS is a clinical consequence of the infection (see DOI:10.3390/medsci10040058) pregnancy can not be considered as comorbidity</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>		
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

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