

Re: Late diagnosis of COVID-19 and hypercoagulable state

Rujittika Mungmunpantipantip^{1,2}, Viroj Wiwanitkit³

R Mungmunpantipantip, V Wiwanitkit. Late diagnosis of COVID-19 and hypercoagulable state. *Can J Respir Ther* 2022;58:84. doi: 10.29390/cjrt-2022-026.

Dear Editor,

We would like to share ideas on the publication “Late diagnosis of COVID-19 in a 34-year-old man in a hypercoagulable state: A case report [1].” According to Desdiani, the increased mortality rate of COVID-19 patients is mostly due to a hypercoagulable state, and early recognition and therapy of the hypercoagulable state, including the use of LMWH, can lessen the severity of COVID-19 symptoms [1]. The patient was first diagnosed with dengue hemorrhagic fever and had thrombocytopenia and increased liver transaminase tests. The delayed diagnosis of COVID-19 because of misclassification as another infection is a serious issue. An early study during the COVID-19 outbreak suggested that misdiagnosis as dengue fever could be a factor in COVID-19 diagnosis delays [2]. In the present study, the hypercoagulability might be due to the disease progression. This finding shows the

difficulty in differential diagnosis between the COVID-19 and dengue since dengue can be the cause of thrombotic thrombocytopenic purpura and multiple inflammatory syndrome [3]. Finally, the chance of concurrent medical problems between COVID-19 and other infections should not be forgotten.

REFERENCES

1. Desdiani D. Late diagnosis of COVID-19 in a 34-year-old man in a hypercoagulable state: a case report. *Can J Respir Ther* 2022 Apr 20;58:49–52. doi: 10.29390/cjrt-2021-028.
2. Joob B, Wiwanitkit V. COVID-19 can present with a rash and be mistaken for dengue. *J Am Acad Dermatol* 2020 May;82(5):e177. doi: 10.1016/j.jaad.2020.03.036.
3. Tee TY, Cader RA. Share thrombotic thrombocytopenic purpura in dengue fever. *Acta Med Indones* 2021 Apr;53(2):208–12.

¹Private Academic Consultant, Bangkok, Thailand;

²Honorary Professor, Dr DY Patil University, Pune, India;

³Adjunct Professor, Joseph Ayobabalola University, Ikeji-Arakeji, Nigeria

Correspondence: Rujittika Mungmunpantipantip, Private Academic Consultant, Bangkok, Thailand. E-mail: rujittika@gmail.com



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