

LETTER TO THE EDITOR

Leukocytoclastic vasculitis and COVID-19 vaccination

Vasculitis leucocitoclástica y vacunación COVID-19

Dear Editor,

We would like to share ideas on the publication "Leukocytoclastic vasculitis secondary to vaccination against SARS-CoV-2."¹ To summarize, Martín Guerra et al. stated that VLC secondary to the SARS-CoV-2 vaccine can be suspected from the first contact with the patient due to a history of vaccination and a common sign in a physical examination that any professional can do.¹ We agree that the COVID-19 vaccine can cause side effects, with leukocytoclastic vasculitis being one among them. The patient in this case developed leukocytoclastic vasculitis, according to the study. However, concluding the vaccine-interrelationship is still problematic. Because there is no information on the patient's health or immune status prior to immunization, it is impossible to rule out the potential of an underlying condition causing leukocytoclastic vasculitis. There is also the possibility of a concomitant medical condition causing leukocytoclastic vasculitis. Dengue fever, for example, may coexist with vaccination,² and dengue may be the cause of leukocytoclastic vasculitis.³



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Conflict of interest

None declared.

References

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3. Jose A, Dhar M, Panda PK, Kishore S. Expanded dengue syndrome with small-medium-vessel vasculitis: a case report. *Int J Crit Illn Inj Sci*. 2021;11:39–42.

P. Sookaromdee^{a,*}, V. Wiwanitkit^b

^a Private Academic Consultant, Bangkok, Thailand

^b Adjunct Professor, Joseph Ayobabalola University, Ikeji-Arakeji, Nigeria

* Corresponding author.

E-mail address: pathumsook@gmail.com (P. Sookaromdee).