



Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.

Reply to: “Various forms of skin rash in COVID-19: Petechial rash in a patient with COVID-19 infection”



To the Editor: We appreciate the additional information from Jimenez-Cauhe et al¹ on our report on a skin rash in a patient with COVID-19.² Jimenez-Cauhe et al¹ showed a clinical picture of a skin rash at the axilla of a patient. As a new emerging virus infection, the dermatologic presentation is an interesting clinical feature.

The skin rash in our previous publication that looked like the skin rash in dengue copresented with thrombocytopenia in a patient with COVID-19.² Nevertheless, there is also the possibility that there might be other forms of COVID-19 skin rashes. In a previous report on a classical coronavirus infection, the rash appeared to be recurrent; “target-like purpuric plaques” was reported as another clinical presentation.³

In the present clinical case by Jimenez-Cauhe et al,¹ the rash might be a coincidence or an actual COVID-19–induced skin rash. Whether the lesion described by Jimenez-Cauhe et al¹ is related to the pathophysiologic process of COVID-19 or not should be further studied.

Beuy Joob, PhD,^a and Viroj Wiwanitkit, MD^b

From the Sanitation 1 Medical Academic Center, Bangkok Thailand^a; and Dr DY Patil University, Pune, India, and Hainan Medical University, Haikou, China.^b

Funding sources: None.

Conflicts of interest: None disclosed.

IRB approval status: Not applicable.

Reprints not available from the authors.

Correspondence to: Beuy Joob, PhD, Sanitation 1 Medical Academic Center, Bangkok 10330, Thailand

E-mail: beuyjoob@hotmail.com

REFERENCES

1. Jimenez-Cauhe J, Ortega-Quijano D, Prieto-Barrios M, Moreno-Arrones OM, Fernandez-Nieto D. Reply to “COVID-19 can present with a rash and be mistaken for Dengue”: petechial rash in a patient with COVID-19 infection. *J Am Acad Dermatol.* 2020; 83(2):e141-e142.
2. Joob B, Wiwanitkit V. COVID-19 can present with a rash and be mistaken for dengue. *J Am Acad Dermatol.* 2020;82(5):e177.
3. Chesser H, Chambliss JM, Zwemer E. Acute hemorrhagic edema of infancy after coronavirus infection with recurrent rash. *Case Rep Pediatr.* 2017;2017:5637503.

<https://doi.org/10.1016/j.jaad.2020.04.035>