

[PICTURES IN CLINICAL MEDICINE]

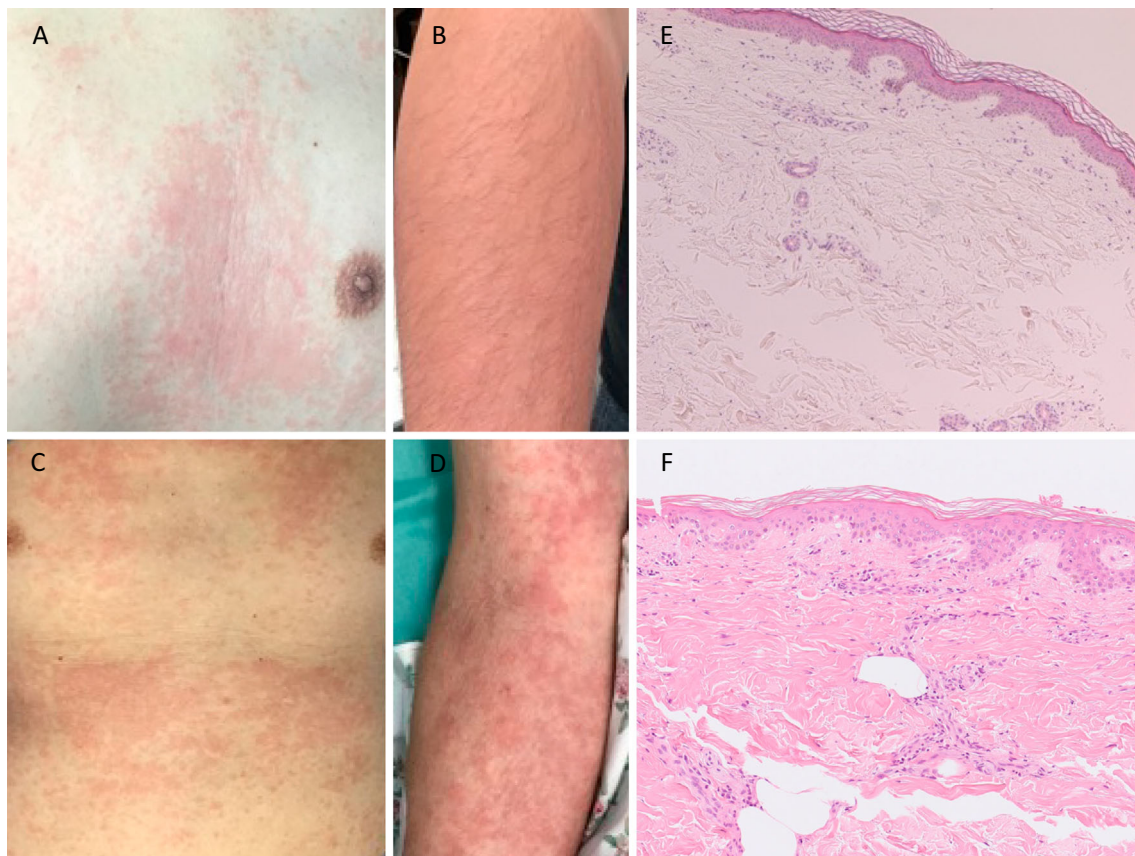
Maculopapular Rash in Japanese Patients with COVID-19

Issei Seike¹, Hajime Kanamori^{1,3}, Kengo Oshima^{1,2} and Tetsuji Aoyagi^{1,2}

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Picture.

We report on 2 Japanese patients in their 50s with mild to moderate COVID-19 pneumonia and maculopapular rash. The rash was pink to slightly violaceous with clear edges on lighter skin, but was difficult to see on tattooed and sun-tanned skin (PictureA-D). In both cases, the maculopapular rash was treated with topical steroids and resolved within a week. Histopathological findings of the rash indicated mild to moderate lymphocyte inflammation around vessels, without occlusion (PictureE-F). In both cases, on admission the

results of SARS-CoV-2 polymerase chain reaction (PCR) tests of blood specimens and maculopapular samples obtained by punch biopsy were negative, suggesting that the rash was caused by a systemic immune response originating from localized lung inflammation. Physicians should suspect COVID-19 on the basis of cutaneous manifestations (e.g., maculopapular, urticarial, vesicular, chilblain-like, livedoid, and petechial lesions) (1).

¹Department of Infectious Disease, Tohoku University Hospital, Japan, ²Division of Infection Control, Tohoku University Hospital, Japan and ³Department of Intelligent Network for Infection Control, Tohoku University Graduate School of Medicine, Japan
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Correspondence to Dr. Issei Seike, isseike@tohoku.ac.jp

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Reference

1. Singh H, Kaur H, Singh K, Sen CK. Cutaneous manifestations of COVID-19: a systematic review. *Adv Wound Care (New Rochelle)* **10**: 51-80, 2021.

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