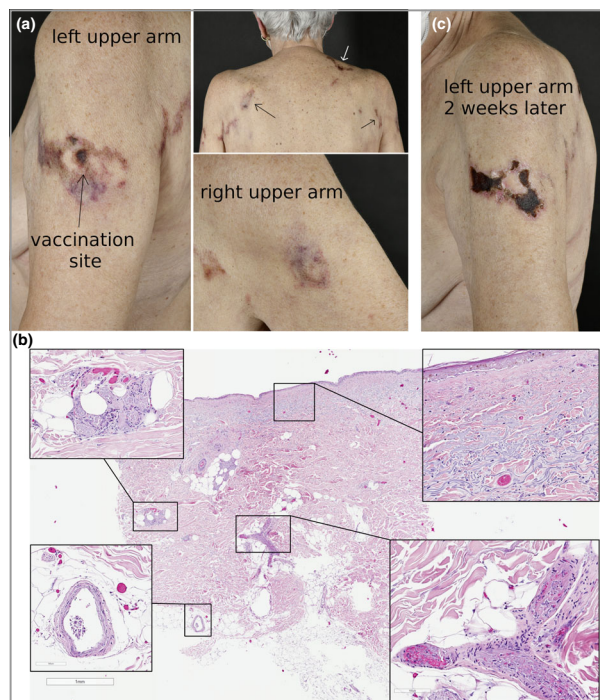







A case of COVID-19 vaccination-associated *forme fruste* purpura fulminans

DOI: 10.1111/bjd.20744



DEAR EDITOR, A 77-year-old female patient developed multiple painful lesions 2 weeks after her first COVID-19 vaccination with mRNA-1273 (Moderna, Cambridge, MA, USA). (a) The figure shows the clinical presentation 4 weeks after the first COVID-19 vaccination (arrows indicate the distribution of lesions on the back). (b) Histopathology showed full-thickness necrosis of the dermis with thrombotic occlusion of virtually all capillaries and arterioles without concomitant inflammation suspicious of a septic embolic process. Coagulation occurred without pathology;¹ no relevant medication history was reported. (c) Two weeks later (6 weeks after vaccination), lesions were sharply demarcated (without treatment). Time kinetics, distribution of lesions and exclusion of other known causes² suggest that the purpura fulminans-like lesions were vaccination-associated. However, clinicians should not be diverted from careful investigation of other causes if they encounter similar events.

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Funding sources: none.

Conflicts of interest: the authors declare they have no conflicts of interest.