

Letters to the editor

OVERVIEW

Please submit letters for the editor's consideration within 3 weeks of receipt of *Clinical Medicine*. Letters should be limited to 350 words, and sent by email to: clinicalmedicine@rcp.ac.uk

The association of pleural effusion and pulmonary embolism

DOI: 10.7861/clinmed.Let.22.3.1

Editor – We would like to share ideas on the publication 'Arterial and venous thrombotic stroke after ChAdOx1 nCoV-19 vaccine'.¹ Wills et al concluded that 'These cases illustrate that physicians should be especially mindful of vaccine-induced thrombosis with thrombocytopenia (VITT) in the context of evolving evidence on treatment and in view of the potentially rapid and catastrophic neurological deterioration, leading to fatality despite best supportive care.' We concur that there might be adverse effects of the COVID-19 vaccine and that neurological complication might be a serious one. In the reported cases, stroke occurred but the neurological disorder might or might not be associated with the vaccine. There are many possible aetiologies of a thrombotic

event after vaccination.² Vaccines might induce abnormal immunity or high blood viscosity and result in thrombotic event.² There is also a chance of coincidence due to a background medical problem or concurrent medial disorder.^{2,3} It is necessary to rule out the other possible causes for final conclusion on the vaccine-induced thrombotic event. ■

RUJITTIKA MUNGMUNPUNTIPANTIP
Senior academic consultant, Dimapur, India

VIROJ WIWANITKIT
Honorary professor, Dr DY Patil University, Pune, India

References

- 1 Wills A, Swallow G, Kirkman MA, Rajan K, Subramanian G. Arterial and venous thrombotic stroke after ChAdOx1 nCoV-19 vaccine. *Clin Med* 2022;22:184–6.
- 2 Mungmunpantipantip R, Wiwanitkit V. COVID-19, neurovascular thrombotic problem and short summary on blood coagulation disorder: a brief review. *Egypt J Neurol Psychiatr Neurosurg* 2022; 58:6.
- 3 Mungmunpantipantip R, Wiwanitkit V. Thrombosis after adenovirus-vectored COVID-19 vaccination: a concern on underlying illness. *Clin Appl Thromb Hemost* 2021;27:10760296211060446.