

Covid-19 and Kawasaki Syndrome

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Dear Editor, I would like to discuss on “Covid-19 and Kawasaki Syndrome: Should We Really Be Surprised? [1]” Loomba et al. concluded that it was no surprising that there might be an association between the novel coronavirus infection and Kawasaki syndrome [1]. Indeed, it is no doubt for possible association since many viruses can induce Kawasaki syndrome. Nevertheless, the surprising issue should be the discrepancies in clinical presentation in different settings. It is interesting that there is no report on Kawasaki-like syndrome in COVID-19 patients during its first phase of pandemic in East Asia and Southeast Asia. The problem was firstly noted when the disease came to the West. The underlying genetic factor might be a factor that cause more common Kawasaki-like syndrome in non-Asian population. Indeed, the intravenous immunoglobulin unresponsiveness in non-Asian patients with Kawasaki disease is reported and the difference varied among different ethnic groups [2].

Conflict of interest

None

References

1. Loomba RS, Villarreal E, Flores S. Covid-19 and Kawasaki Syndrome: Should We Really Be Surprised? *Cardiol Young*. 2020 May 15;1-5. doi: 10.1017/S1047951120001432. Online ahead of print.
2. Piram M, Darce Bello M, Tellier S, Di Filippo S, Boralevi F, Madhi F, Meinzer U, Cimaz R, Piedvache C, Koné-Paut I. Defining the risk of first intravenous immunoglobulin unresponsiveness in non-Asian patients with Kawasaki disease. *Sci Rep*. 2020 Feb 20;10(1):3125.