

Pediatric inflammatory multisystem disease in children with COVID-19 - Reply

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Dear colleagues,

we thank you for sharing your ideas on our publication.

This topic is as timely as ever, particularly due to new SARS-CoV-2 outbreak in European countries and persistent high number of contagions in the US.

We cited the known possible association between coronaviruses and Kawasaki disease, as well as between many other viruses. What we wanted to underline is the epidemiological, clinical and laboratoristic difference between Kawasaki disease and this multinflammatory syndrome related to SARS-CoV-2.

First of all, as we wrote, “the absence of reported cases of Kawasaki-like multisystem inflammatory syndrome associated with SARS-CoV-2 infection in Asia countries where the COVID-19 pandemic started, and where the incidence of KD is the highest, is noteworthy”. As you say, it might be related to underlying genetic or immunological background (1). Further studies should be conducted to analyze this point.

About diagnosis, we know the possibility of false positive serology, and also false negative nasopharyngeal swabs (2).

It is interesting the observation that COVID 19 might co-exist with other infections, that might induce inflammatory multisystem manifestations. How-

ever, no other infections were diagnosed in the cases described, both in Europe and US.

Kind regards

Conflicts of interest: Each author declares that he or she has no commercial associations (e.g. consultancies, stock ownership, equity interest, patent/licensing arrangement etc.) that might pose a conflict of interest in connection with the submitted article.

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