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Tricky Kawasaki Disease and COVID 19 mystery

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Abstract

Classic Kawasaki disease is characterized by acute onset of fever (more than 5 days), red eyes, red lips, red tongue, a rash, perianal erythema. there can be swelling and redness of the hands and feet and there can also be swelling of the cervical lymph nodes. Coronary involvement is the ghost of KD, atypical presentations and incomplete KD are challenging.

Recently, World Health Organization (WHO) put out a scientific brief describing "clusters of children and adolescents requiring admission to intensive care units with a multisystem inflammatory condition with some features similar to those of KD and toxic shock syndrome. The symptoms reported often fulfil criteria for classic KD.

In countries with large outbreaks of coronavirus, there have been more reported cases of pediatric shock and KD-like symptoms. Some of these children have tested positive for COVID-19 or coronavirus antibodies.

High index of suspicion is needed for early diagnosis and wise management, this would help to minimize the risk of development of serious complications.

Biography

Samir M. has completed his MD at the age of 31 years from Cairo University, Egypt. He is the lecturer of Pediatrics and Pediatric Cardiology, Cairo University, Egypt. He is the director of the Pediatric Emergency Unit, Cairo University Specialized Pediatric Hospital (Abo Elriche Elmonira). He is a member of RCPCH. He works as a Pediatric Cardiologist and is one of the experts in the field of Kawasaki disease in Egypt.



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