

Hematological Abnormalities Associated with COVID-19 infection

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Abstract

Since its appearance in December 2019 in Wuhan, China, COVID-19 has been known as a respiratory virus with all its complications mainly on the respiratory system. As the disease progressed and reached the pandemic level, meticulous observations regarding the clinical presentation, laboratory parameters, and other investigations revealed widespread effect on various organs. Hematological changes are common in patients with COVID-19, which include reduced lymphocyte count and platelet count but normal white blood cell count. Prolonged activated partial thromboplastin time, 26% had elevated D-dimer levels, and most patients had normal prothrombin time (PT). Hematological complications were implicated in one of the causes of death associated with covid-19, thrombosis. Other hematological abnormalities including leucopenia, thrombocytopenia and dysplastic myelopoiesis were occasionally encountered.

Biography

She is working in department of clinical pathology in Cairo University

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