



Clinical Updates of Hematological Findings and Complications in Novel Coronavirus Pneumonia

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Message from the Guest Editor

Dear Colleagues,

The overall burden of mortality and morbidity associated with the COVID-19 pandemic continues to increase. In most cases, the cause of death has been linked to respiratory failure, sepsis, heart failure, renal injury, or coagulopathy. A thorough understanding of different systemic manifestations and complications of SARS-CoV-2 is important for better clinical management. Hematologic abnormalities, such as lymphopenia, thrombocytopenia, elevated D-dimer, elevated fibrinogen, elevated fibrinogen degradation products, and cytokines, such as IL-6, can be an early indicator for hospitalization, disease severity, and outcome helping clinicians to make timely clinical decisions. Hematologic complications, such as venous thrombosis, pulmonary embolism, arterial thrombosis, have been noted to be directly related to the high mortality from COVID-19. As the pathophysiology and complications associated with COVID-19 continue to unfold, further basic science research in the areas of pathophysiology and randomized control trials are needed for successful management of this pandemic.





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