

'A Clot making virus' A case report of PE in a young female with COVID-19

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Abstract

Coronavirus disease is a global pandemic which has emerged from china. It usually presents with respiratory symptoms, like flu and fever but it can also have many atypical presentations. Here we present a case of 27-years old girl who was diagnosed as having COVID-19 disease and was having mild disease which was advised a treatment. She again reported back to hospital after two weeks of diagnosis with severe shortness of breath and was diagnosed as having pulmonary embolism.

Introduction: COVID-19 is a disease caused by novel coronavirus, a severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2 virus). It was first reported in Wuhan city of china 1 and now the whole world is facing it is fearful disease as global pandemic 2. It has a rapid transmission usually by respiratory route. Patients affected by this virus usually has mild symptoms which are mostly respiratory in origin such as flu, cough, shortness of breath, diarrhea, and abdominal pain but this virus is emerging with very atypical presentations.

Infection with this novel coronavirus is a procoagulant state and so patients can present with heart attack, stroke, or pulmonary embolism. There are many cases till now which showed that patients with COVID-19 disease also has associated pulmonary embolism. It has shown in study of Gian Battista that COVID-19 patients can have thrombo-embolism without underlying risk factors. Patients having this disease usually have severe pneumonia which also presents with cough, fever, and shortness of breath and so it is very difficult to differentiate between COVID-19 pneumonia and it is complications like pulmonary embolism. Here we present a case of young girl of COVID-19 disease who had associated pulmonary embolism.

Conclusion: It is very important to foresee the risk of a clot anywhere in the body after acquiring coronavirus infection and subsequent treatment should be started on the suspicion which can be life-saving as well as improving the quality of life later after getting cured of the virus itself

Biography:

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