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Case Report

## Development of Multiple Consolidations in Bilateral Lung Parenchyma Due to Covid-19 Infection- A case report

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### Abstract

Corona Virus (COVID-19) infection breakout was initiated in the year December, 2019 in the Wuhan city of China. Severe acute and respiratory syndrome (SARS) is a viral respiratory illness caused by COV-corona virus which belongs to the RNA class. During the spring season, the infection was started in china and spreads to all over the world including low-income countries. The common symptoms of the COVID-19 are the cough, high fever, sore throat, fatigue and breathlessness. The disease is found to be mild in most of the people, some of cases reported to the pneumonia also with multi organ dysfunction and acute ARDS (acute respiratory distress syndrome). The present case study of COVID-19 represents that, due to severe corona viral infection the patient was developed multi organ dysfunctions along with bilateral lung consolidation and developed respiratory failure, due to this infection renal failure developed and caused sudden heart stroke and leads to death. The biochemical parameters show significant effects like increased in creatinine levels (2.46mg/dl), patient was developed thrombocytopenia ( $3710^3/\text{mm}^3$ ), reduced in the concentration of RBC (2.8 million cumm of blood) and also hemoglobin concentration decreased. This case study will give you the information of patient profile and how the biochemical parameters altered during the covid infection and leads to mortality. Still there is a need of anti-corona virus infection drug development which can replace other supporting therapy for the treatment of infection.

**Key words:** COVID-19, SARS, Multi-organ dysfunction, Mortality.

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