

Different clinical characteristics of 12 confirmed COVID-19 cases in a hospital of Guangzhou

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Abstract

Background and Aims: COVID-19, caused by SARS-CoV-2 is a newly emerged disease. Since December 2019, more and more confirmed COVID-19 cases and deaths are reported by almost all of countries in the world. In the present study, we report the various clinical features of 12 confirmed COVID-19 cases in our hospital, Guangzhou. **Methods:** Electronic medical records of 12 confirmed COVID-19 patients who had been referred to the Third Affiliated Hospital of Guangzhou Medical University were collected. The clinical manifestations, laboratory examinations and related imaging results were analyzed, respectively. **Results:** Twelve confirmed patients had different clinical manifestations, ranging from asymptomatic, mild to severe manifestations. Seven patients had a fever as the main symptom. Three patients showed nasal obstruction, or stuffy nose, or sore throat without fever. Nine patients did not show abnormal white blood cell and lymphocyte counts. Seven patients did not show radiological features of COVID-19. The first symptoms of Case 4 were vomiting, diarrhea, and Case 4 was wrong diagnosed as gastroenteritis when he saw a doctor firstly. Two patients had negative qRT-PCR results for SARS-CoV-2, but their serum IgM and IgG antibodies to SARS-CoV-2 were positive. **Conclusion:** The clinical characteristics of SARS-CoV-2 infection are very complex and diverse. More attention should be paid to observe the characteristics of COVID-19 in order to correctly recognize and diagnose cases with SARS-CoV-2 infection as soon as possible.

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