

A Review of Coronavirus Disease-2019 (COVID-19)

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Abstract: *Coronavirus possess a descriptive morphology, the name derived from the outer fringe embedded envelop protein. This viral infectious disease (COVID-19) is produced by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). This transmission disease was first observed in December 2019 in Wuhan, China and has rapidly transmit all over the world in several days. This virus originates in from bats and was transmitted to humans through unknown animals in Wuhan. The disease is transmitted by inhalation of droplets or contact with infected persons and the it has incubation period ranges from 2 to 14 days. The symptoms are usually fever, cough, sore throat, breathlessness, fatigue, and feeling of tastelessness, headache and many more. Many people are also asymptomatic to this viral infection. The World Health Organization (WHO) declared this pandemic for the Public Health Emergency of International Concern on 30th January 2020 and realizes it as a pandemic on 11th march, 2020. The several numbers of peoples are diagnosed with coronavirus worldwide crossed the one million marks on 2nd April 2020; after that, two-million-mark cross on 15th April 2020; three-million-mark cross on 27th April and the lastly four million marks on 9th may 2020. We show a review of available information to highlight knowledge about the virus and the current pandemic condition. In this writing review, the influential agent, pathogenesis and immune responses to pathogen, epidemiology, diagnosis, treatment and handling of the disease, control and preventions strategies are all reviewed separately.*

Keywords: COVID-19, viral infectious disease, SARS-CoV-2, World Health Organization (WHO).

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