

The outbreak of the Novel severe acute respiratory syndrome coronavirus-2 (SARS-Cov-2): A review of the current global status

Heyam Moner Shakake

AlMaarefa University, Saudi Arabia

Introduction: Covid-19 is the infectious disease caused by the most recently discovered coronavirus. In December 2019, this new virus and disease started in Wuhan, China and subsequently, the virus spread widely across the world. By 2nd of October 2020, covid-19 affected (34,079,542) of the confirmed cases, (1,015,963) confirmed deaths and 235 countries and territories with cases. Most individuals infected with the covid-19 virus will develop mild to moderate respiratory distress and recover without the need of special intervention.

Amplification of viral RNA by (real time) reverse transcription polymerase chain reaction (rRT-PCR) is the current gold standard test for confirmation of infection. Many drugs are currently used in the management of the disease (antiviral, corticosteroids, immunotherapy, antibodies therapy and others). Currently there is no approved vaccine for the SARS-Cov-19.

Objectives: the current review article aim to bring a summarized up-to-date source of information regarding the recent novel SARS-CoV-2 from the most recent published

researches and to facilitate the access to information and a better understanding of this pandemic

Methodology: The current review article brings collected information from different articles published since the beginning of the pandemic of the 2019 novel coronavirus. We have searched; Pubmed, NCBI, NLM and other databases and information was collected from different types of studies

Conclusion: Knowledge about the 2019 novel coronavirus remains limited and more steps have to be taken to control the disease Governments and health authorities are under increased pressure to control the covid-19 spreading and the scientific community need to work harder on researched in order to find a treatment and vaccine for the coronavirus Further studies are needed to fill the existing gaps in this epidemic knowledge.

Biography

Heyam Moner Shakake has completed his graduate in AlMaarefa University, Saudi Arabia.

shakakeheyam@gmail.com

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