

Deadly Virus-Are we Going Towards Complete End?

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Received: November 30, 2020; **Published:** December 28, 2020

A highly dangerous pandemic Covid-19 (corona viral disease) has emerged as something equivalent to some natural calamity. And still it is infecting people at a very fast rate. This virus belongs to corona-viridine family and spreads from one person to another through drop-lets. The incubation period ranges from two to three weeks but may extend up to a month. Panic is so much about this viral infection that even its survival is expected to be on plastics and metal containers also. This disease is characterized by respiratory symptoms namely high fever, dry cough and dyspnea. Other viruses belonging to this family i.e. H5N1 and MERS cause high mortality and low mortality but this virus causes large morbidity and low mortality. This virus is also of peculiar interest to dentists as the mode of virus transmission has been linked through oral cavity and many dentists have died due to this viral infection. Right now no drug has proven to be effective for this deadly virus and lot of research is going worldwide to develop any medicine against it. Trials are going on for vaccination but it is expected to be fully functional between 12 - 24 months (expected probably). During this tough time, we must take proper precautions like proper hand washing, hygiene maintenance and avoidance of direct contact (some recommend up to 6feet) with the affected individual. With regard to clinicians use of Personal protective kits (PPES) remains mandatory along with extensive use of eye protective devices. Now days, Protective shields are also required. Also, the infrastructure requirements of clinics have changed because now every clinic should have proper space to follow covid-19 guidelines. Secondly, many treatment are deferred due to covid-19. Hence, I expect that this pandemic should end as early as possible.

Volume 20 Issue 1 January 2021

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