



Article Title

Severe acute respiratory syndrome (SARS) and coronavirus disease-2019 (COVID-19): From causes to preventions in Hong Kong

Citation

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Abstract

Hong Kong has been recently attacked by the coronavirus disease-2019 (COVID-19). In late January 2020, it's shown a steadily increasing trend of confirmed cases. There is a 257 in total infected cases confirmed including 4 deaths until 20th of March 2020. To prevent further outbreak of COVID-19, this article discusses the current understanding of COVID-19 and compares with the outbreak of SARS-CoV-2 in 2003 of Hong Kong from the causes, transmission, symptoms, diagnosis, treatments and preventions to study for an applicable measurement to control COVID-19.

Summary

The causes, transmissions, symptoms and preventive measures of SARS and COVID-19 are reviewed above. However, diagnosis and treatments remain for further study. Polymerase chain reaction for confirming the interaction of SARS or COVID-19 sometimes may show a false negative. There is no specific treatment regimen, only has a broad spectrum of antiviral drugs for COVID-19 patients and no vaccine for prevention at present. Nowadays, personal hygiene and protection are the most important for preventing the spread of COVID-19 such as wearing a mask and washing hands as well as reducing social contact including avoiding crowds, working in home, so on.