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## A Review on Coronavirus (COVID-2019-20)

			
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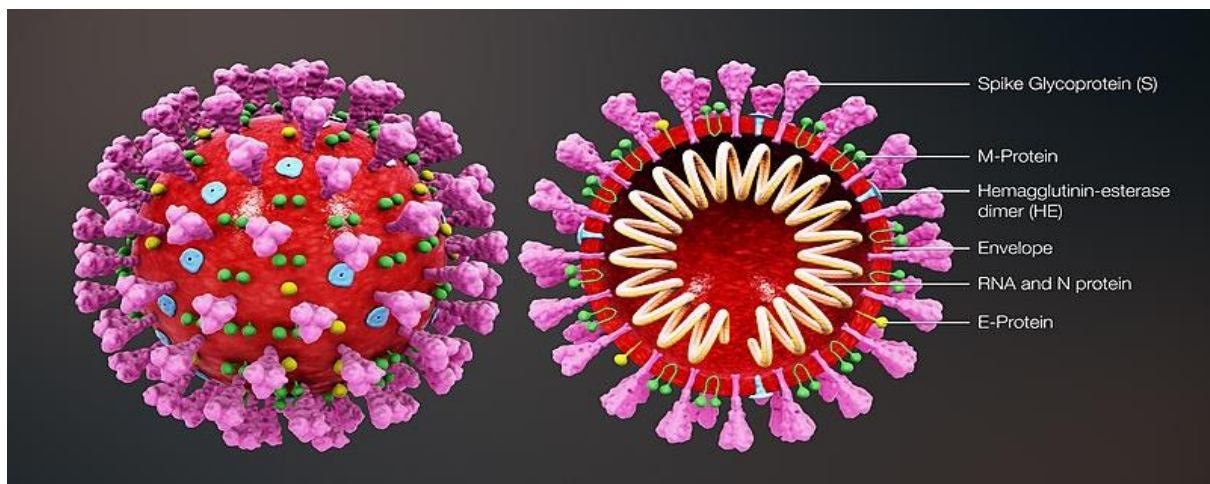
### ABSTRACT

Coronavirus are the family of single stranded positive strand RNA genome and their family contains the pathogens of the higher animal and human species the name coronavirus discovered in 1968 observed in electron microscopy which contains the corona like morphology. Coronavirus cause the central nervous system enteric and respiratory disease. Corona virus are frequent cause of the common cold throughout the world in all age groups leading to millions of days of work and school absence ,physician visits and frequent in appropriate antibiotic use. Until 2003 corona virus attracted little interest beyond causing mild upper respiratory tract infections this changed dramatically in 2003 with the zoonotic SAAS-CO-V and the more recent emergence of MERS-CO-V has confirmed the corona viruses as significant causes of severe respiratory disease.

## INTRODUCTION

In 2019-20 coronavirus first detected in Wuhan, Hubei, china .as 2 April 2020, greater than 935,000cases of COVID-19-20 has been reported, resulting the 47,200 death and have more than 193,000 have recovered. Coronavirus are spread when people cough or sneeze during breathing the respiratory droplets can be produced efforts to prevent the spread of the virus such as curfews, workplace hazards, control pollution, social distancing and facility closures. On 26<sup>th</sup> February 2020, the world health organization is reported that declines the death rate in china, but increased in Iran, Italy, and South Korea. The first confirmed death was 9 January 2020 in Wuhan as 2 April 2020 approximately 47,200 deaths has been confirmed to COVID-2019-20.

### Structure of (COVID-2019-20)-



It contains -

- Spike glycoprotein
- M-protein
- Haemagglutinin esterase
- Envelope
- RNA and N protein
- E-protein

### **How it spreads the coronavirus-**

Coronavirus can spread between the interaction between person to person and also animal to people (zoonotic) and also in contact between the infected person when they are coughing and sneezing. It can be also spread the infected person to touch the surface or object. Also in touches, their eyes nose or mouth so these possibilities can occur then it spreads to the coronavirus.

### **Signs and symptoms of coronavirus-**

Symptoms of COVID-19-20 can be non-fixed.

The two most important common symptoms in the people are-

- Fever (87%)
- Cough (69%)

And the less or few common symptoms in the people are-

- Fatigue
- Sputum production
- Loss of sense of smell
- Joint pain
- Throat infection
- Headache
- Shortness of breath

After the development of disease coronavirus then can leads to the:

- Severe pneumonia
- Respiratory diseases
- Septic shock



And also some case's death can occur.

### **Diagnosis-**

Coronavirus can be diagnosed by the on the basis of the symptoms through confirmation by reverse transcription polymerase chain reaction.

### **Viral testing-**

According to world health organization, on 17<sup>th</sup> January, RNA testing protocols for SARS-COV-2 on these testing on the people can be performed on respiratory or blood samples then, results are done within period of the few hours.

### **Prevention-**

Prevention is done with –

- Stay home and self-isolate from other peoples
- Avoid near distance from the peoples.
- Avoid touching the surface, objects and infected peoples.

For prevention of the transmission of the disease from one people to another, to maintain including such as –

- Use of facemask
- Washing hands properly for 20 seconds
- Avoid coughing and sneezing for infected people.
- Physical social distance

### **Treatment-**

- There is no proper medicine to prevent or treat the coronavirus disease (COVID-19-20).
- People with serious illness should be hospitalized.

## CONCLUSION

Coronavirus 2019-20 is one of the danger virus transmitted from one person to another person and also transmitted through the animal to human (zoonotic), but there is a no proper medicine to prevent or treat the coronavirus COVID-19-20.

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