The background is a teal gradient. On the left and right sides, there are 3D rendered coronavirus particles with characteristic spike proteins. In the center, a faint world map is visible. The text 'CORONAVIRUS COVID-19' is centered in the middle of the image.

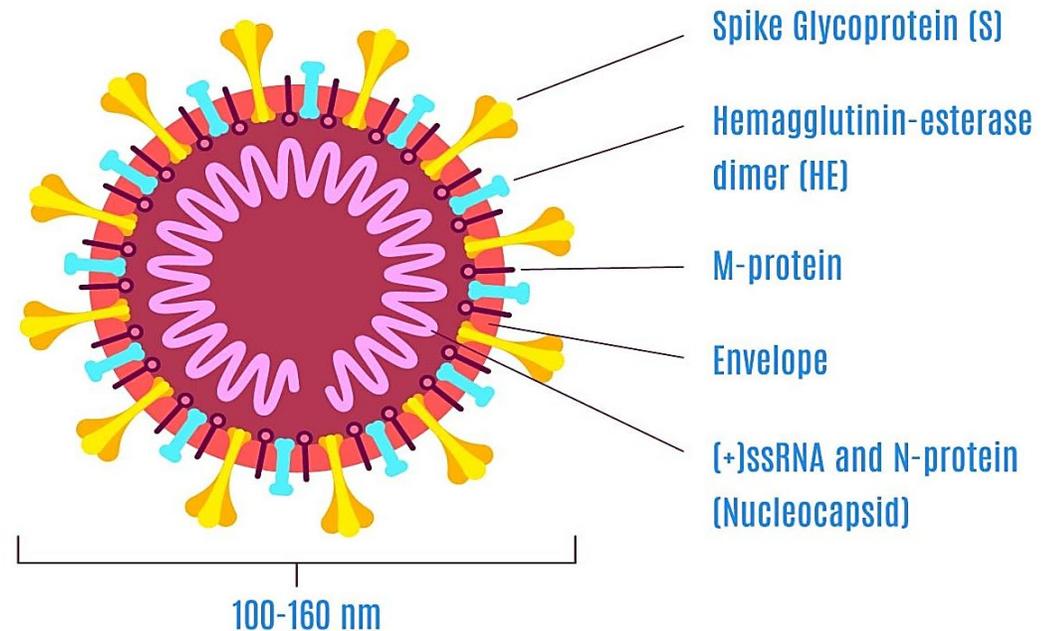
CORONAVIRUS

COVID-19

Microorganisms & Virus

- **Microorganisms** is a broad term used to encompass **bacteria, yeast, fungi, and in some definition viruses.**
- The classification is broad and includes both microorganisms that are **capable of replication outside of any host and those that require a host to survive.**
- **Virus**, infectious agent of small size and simple composition that can multiply only in living cells of animals or plants.

Coronavirus structure



What is coronavirus?

CORONA

A family of viruses affecting Respiratory Tract



Causing Disease from common cold to Pneumonia.



Usually lives in bats & other wild animals.



Transmitted to humans directly, or via other animals.

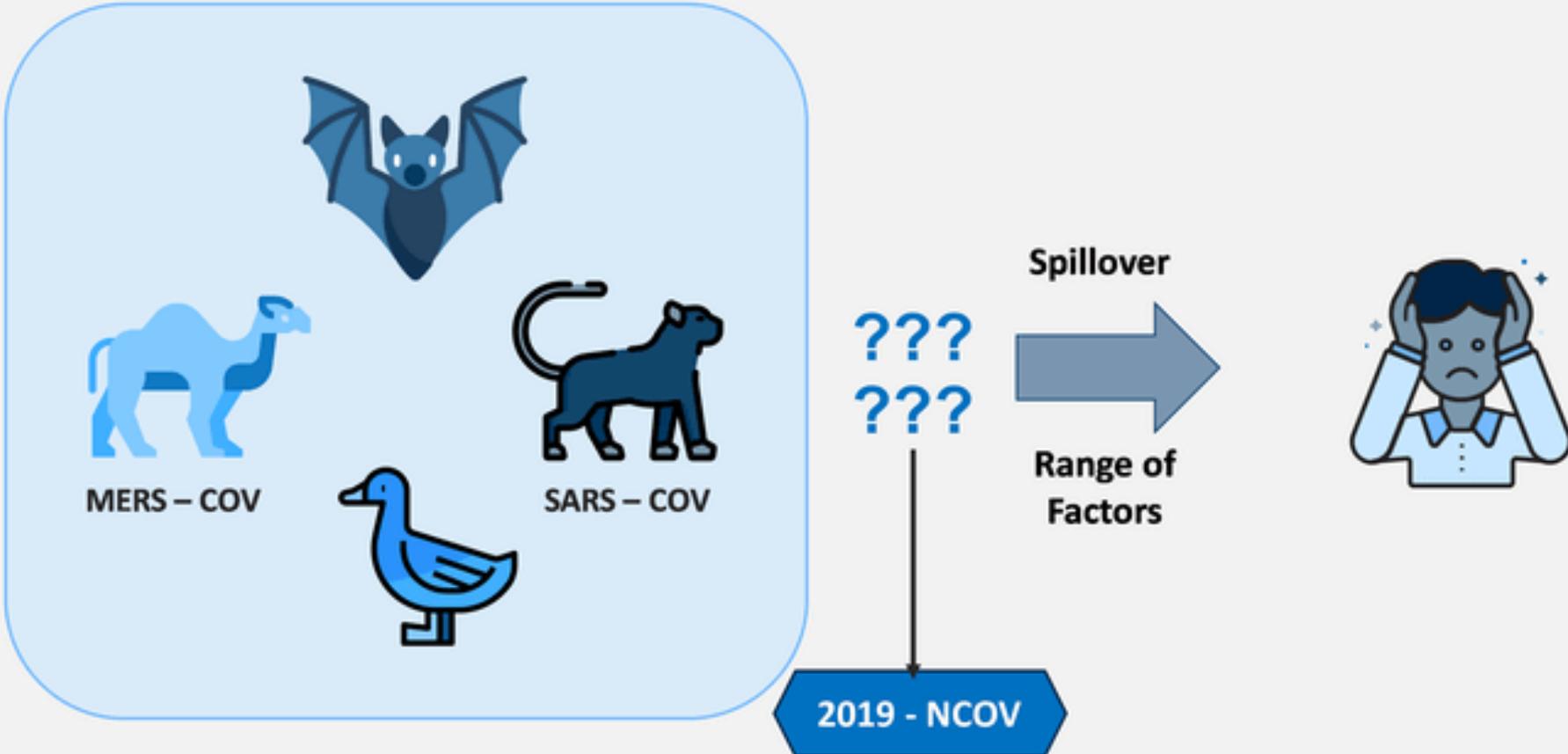


Can also transmit between humans via respiratory droplets,

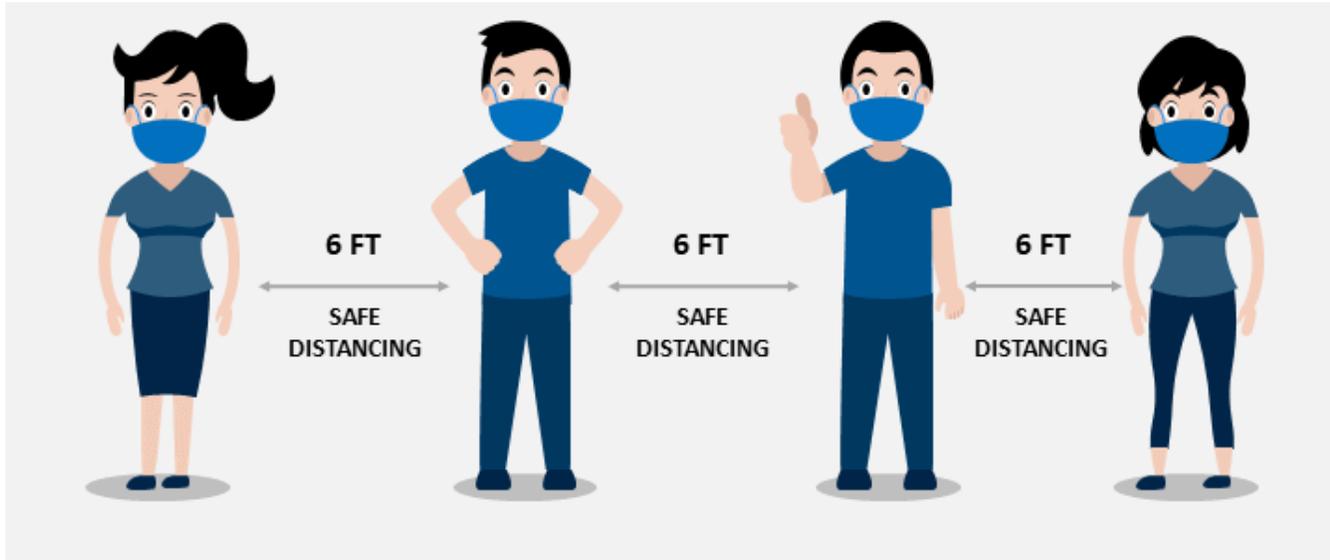


Origin of Covid-19

Origin of the Virus Circulate in a Range of animals



Social Distancing



Social distancing, also called “physical distancing,” means keeping space between yourself and other people outside of your home. To practice social or physical distancing:

- Stay at least **6 feet (about 2 arms’ length)** from other people
- **Do not** gather in groups
- Stay out of crowded places and **avoid** mass gatherings

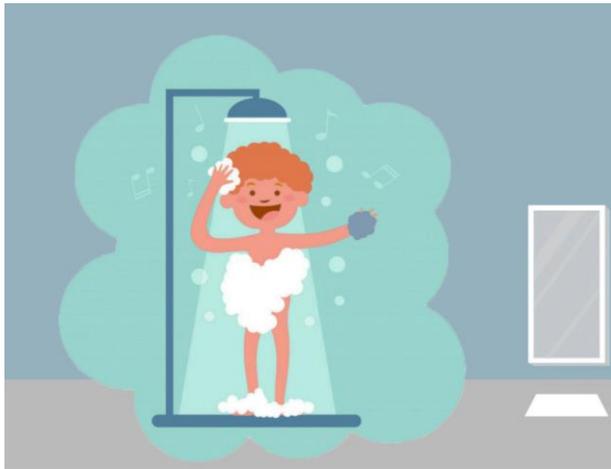
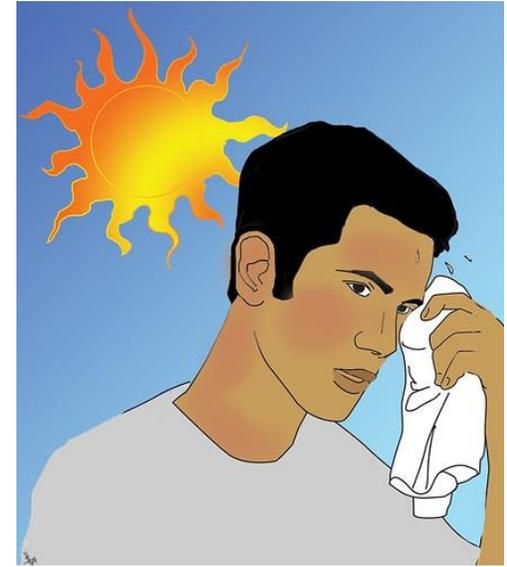
Why practice social distancing?

Spread happens when an infected person coughs, sneezes, or talks, and droplets from their mouth or nose are launched into the air and land in the mouths or noses of people nearby. The droplets can also be inhaled into the lungs. Recent studies indicate that **people who are infected but do not have symptoms likely also play a role in the spread of COVID-19.**

FACTS AND MYTHS

Statement: With the summers coming up, the coronavirus will be killed

FACT: The COVID-19 virus can be transmitted in ALL AREAS, including areas with hot and humid weather. The best way to protect yourself against COVID-19 is by frequently washing your hands with soap and water, covering your coughs and sneezes and avoiding crowded places.



Statement: Having a bath with hot water will kill the virus

FACT: The virus lives inside the body where the temperature is maintained at 37°C and is not affected by a hot water bath that you have.

FACTS AND MYTHS

Statement: Spraying alcohol or disinfectant over your body can prevent infection

FACT: Spraying with alcohol or sanitizer on clothes and body, or consuming alcohol will not prevent you from getting infection. Infection spreads when the virus enters the body through nose or mouth. Cleaning and wiping hands with alcohol is to prevent the germ from entering your system through infected hands when you touch your mouth or you eat food with infected hands.



Statement: Getting the pneumonia vaccine will protect you against the virus

FACT: While vaccines for pneumonia will certainly protect you against pneumonia, it has not protective effect against the novel coronavirus.

FACTS AND MYTHS

Statement- children are less prone catch COVID-19?

FACT -

- Research indicates that children and adolescents are just as likely to become infected as any other age group and can spread the disease.
- Evidence to date suggests that children and young adults are less likely to get severe disease, but severe cases can still happen in these age groups.
- Children and adults should follow the same guidance on self-quarantine and self-isolation if there is a risk they have been exposed or are showing symptoms. It is particularly important that children avoid contact with older people and others who are at risk of more severe disease.



A Chinese newborn has been diagnosed with the new coronavirus just 30 hours after birth, the youngest case recorded so far, state media said.

The baby was born on 2 February in Wuhan, the epicentre of the virus.

The baby's mother tested positive before she gave birth. It is unclear how the disease was transmitted - in the womb, or after birth.



#FoodHeroes

BE ALERT, NOT ALARMED