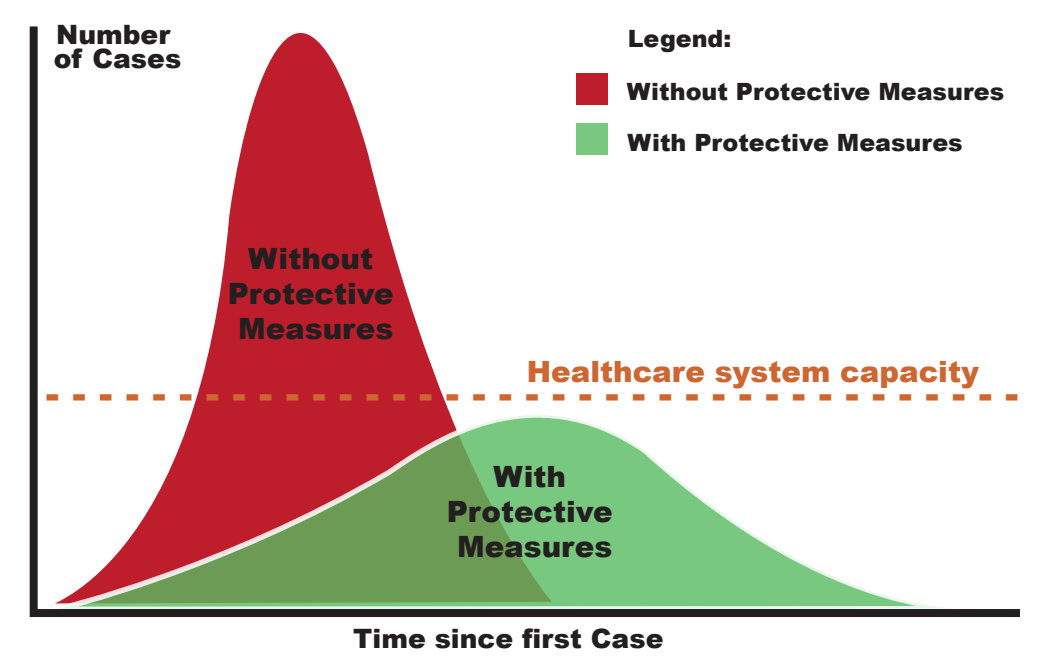
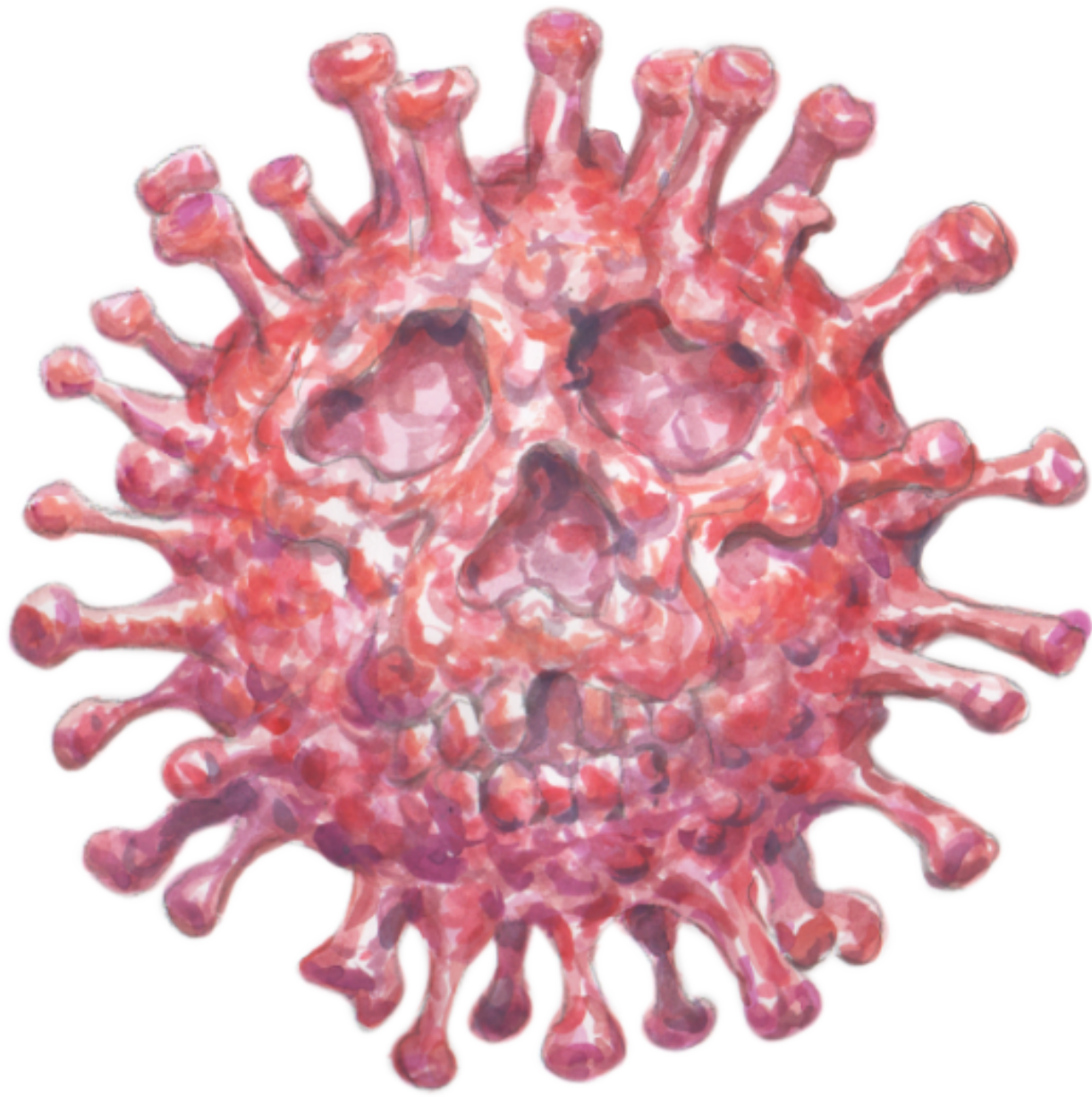


# COVID-19 OUTBREAK

## FLATTENING the CURVE of the PANDEMIC



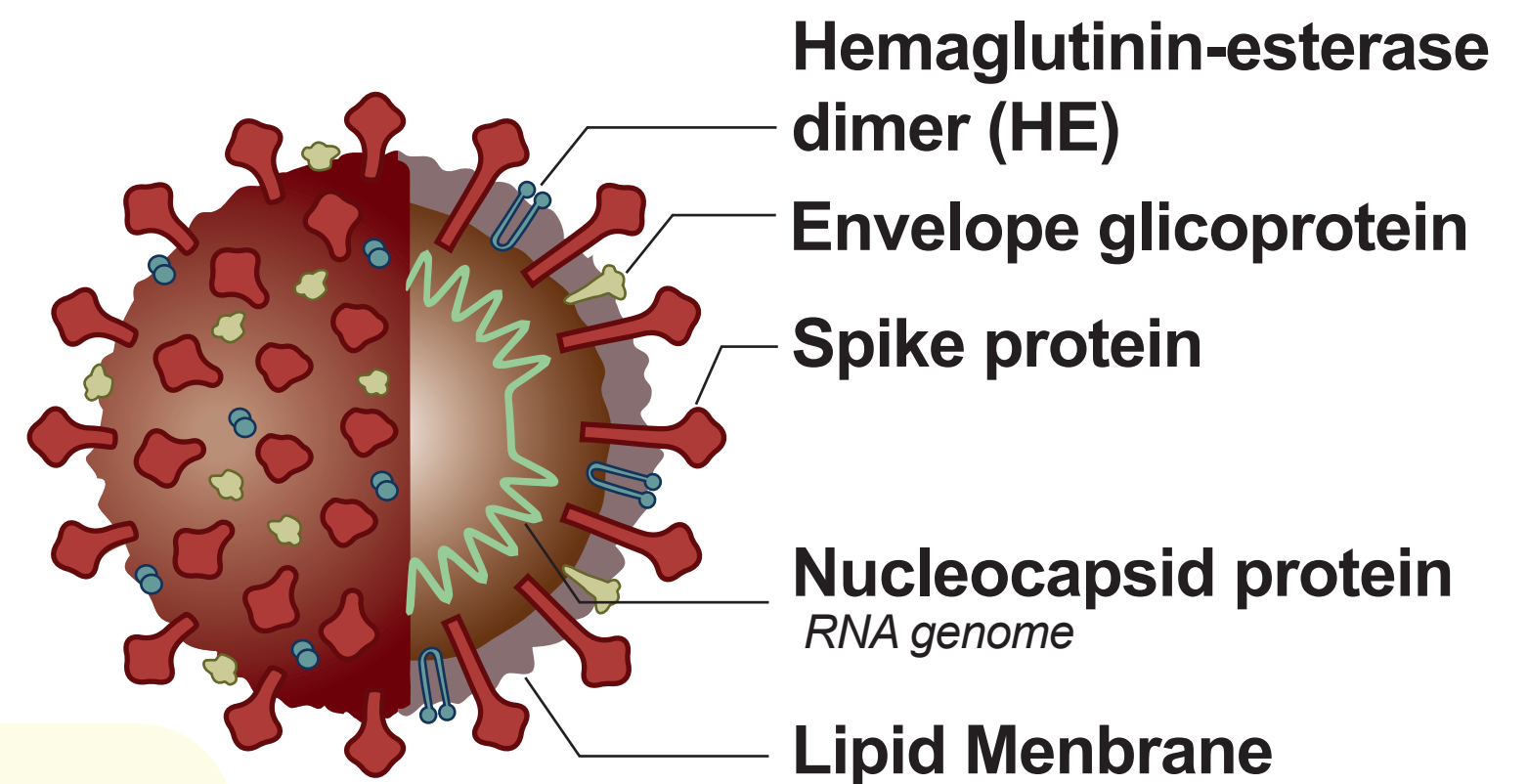
COVID-19 CORONAVIRUS PANDEMIC - Updates : 18 April 2020 Current Cases - 2,416,871 Deaths - 165,340 Recovered - 629,651  
 Updates : 12 April 2020 Current Cases - 1,852,652 Deaths - 114,208 Recovered - 423,400



### What is CORONAVIRUS ?

Coronavirus disease (COVID-19) declares pandemic, an infectious disease caused by a new virus. The disease causes respiratory illness (like the flu) with symptoms such as a cough, fever and in more severe cases, difficulty breathing resulting deaths around the world.

Coronavirus cloning reproduction is by connecting their spikes to a specific receptor on a victim's membrane to inject its genetic material RNA (Ribonucleic Acid) to manipulate and multiply.



## COVID-19 Disease Causing DEATHS

### SYMPTOMS

The coronavirus attacks cells in the respiratory system.  
 - Runny nose - Cough - Sore throat - High Temperature

### SPREAD

Novel coronavirus first spread to human from an animal - thought to be a snake at Wuhan China seafood market. The virus is transmitted between humans in droplets from coughing and sneezing and touching or shaking hands. It enters the nose and mouth, then finds a 'host cell' in the respiratory system, such as one in the nose. The host cell then bursts and other nearby cells in the body are infected with the virus.

### DEATH

Most victims die from complications including pneumonia and from swelling in the lungs. Severe pneumonia can kill people by causing them to drown in the fluid flooding their lungs. The virus causes swelling in the respiratory system, which can make it hard for the lungs to pass oxygen into the bloodstream - leading to organ failure and death.

Lipid Membrane :

Coronavirus small envelope protein has two known biological functions: it plays a pivotal role in virus envelope formation and the murine coronavirus protein induces apoptosis in protein-expressing cultured cells.

## CLINICAL TRIALS AND POTENTIAL TREATMENTS

There's currently NO vaccine to prevent coronavirus disease (COVID-19)

Scientists are working hyper-speed in decoding the human immune system with the Human Vaccines, the first clinical trials & anti-body test has been injected to an individual for testing and giving some potential treatments. Disease Experts & Epidemiology said that 'Immunization' will end the pandemic. There are 5 vaccine candidates were in Phase, according to the scientists COVID-19 VACCINE could be ready in early 2021.

## PROTECTIVE MEASURES - MANDATORY !



### DO THE FIVE

- 1 ► STAY home as much as you can
- 2 ► KEEP a safe distance
- 3 ► WASH hands often
- 4 ► COVER your cough
- 5 ► SICK? Call ahead



- Do WASH your hands regularly for 20 seconds, with soap and water or alcohol-based hand rub
- Do WASH using antibacterial soap in running hot water.

Social Distancing -  
 avoiding close contact  
 - 1 meter distance



You can protect yourself and help prevent spreading the virus to others. Cover your nose and mouth with a disposable tissue or flexed elbow when you cough or sneeze. Stay home and self-isolate from others in the household if you feel unwell. Don't Touch your eyes, nose, or mouth if your hands are not clean.