



# COVID-19 & Mask Protection

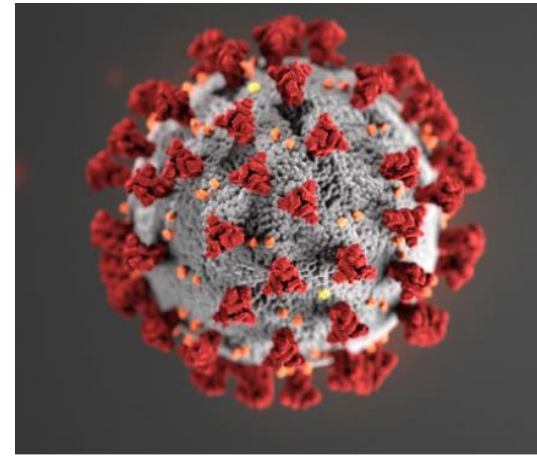


**WEAR A MASK. PROTECT OTHERS.**

**Presenters:**

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# What is SARS-CoV-2?



- SARS-CoV-2 is the virus that causes coronavirus disease 2019 (COVID-19)
- SARS = severe acute respiratory distress syndrome
- Spreads easily person-to-person
- Little if any immunity in humans
- Detailed information:  
<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

# Transmission

- COVID-19 is spread from person to person mainly through coughing, sneezing, and possibly talking and breathing.
  - Droplet - respiratory secretions from coughing or sneezing landing on mucosal surfaces (nose, mouth, and eyes)
  - Aerosol - a solid particle or liquid droplet suspended in air
  - Contact -touching something with SARS-2 virus on it and then touching mouth, nose or eyes
  - Other possible routes: through fecal matter



# COVID-19 Can Cause Mild to Severe Symptoms

- Most common symptoms include:
  - Fever greater than or equal to 100.4F (38.0C)
  - Cough or sore throat
  - Shortness of breath or difficulty breathing
  - Nausea, vomiting, diarrhea
  - Body aches
  - Chest pressure or pain
  - Loss of smell and taste
- Other symptoms may include:
  - Sore throat
  - Runny or stuffy nose
  - Headache
  - Chills
  - Fatigue
  - Gastrointestinal: diarrhea, nausea

# Basic Hygiene & Social Distancing

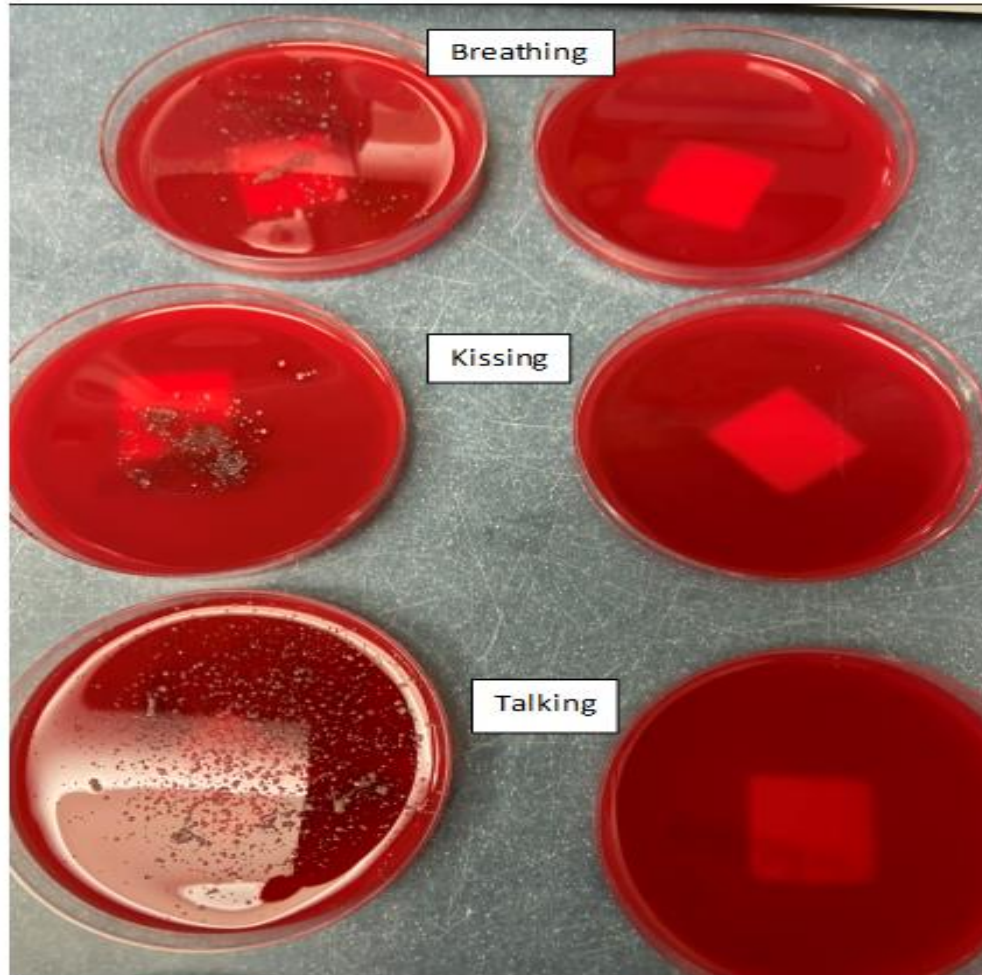
- Stay home when sick.
- Wash hands or use sanitizer frequently and after coughing, sneezing, blowing nose, and using the restroom.
- Avoid touching your nose, mouth, and eyes.
- Cover coughs and sneezes with tissues or do it in your sleeve.
- Dispose of tissues in no-touch bins.
- Avoid close contact with coworkers and customers (6 feet).
- Avoid shaking hands/wash hands after physical contact with others.



**Pictures worth  
a 1000 words**

# Impact of mask blocking respiratory droplets

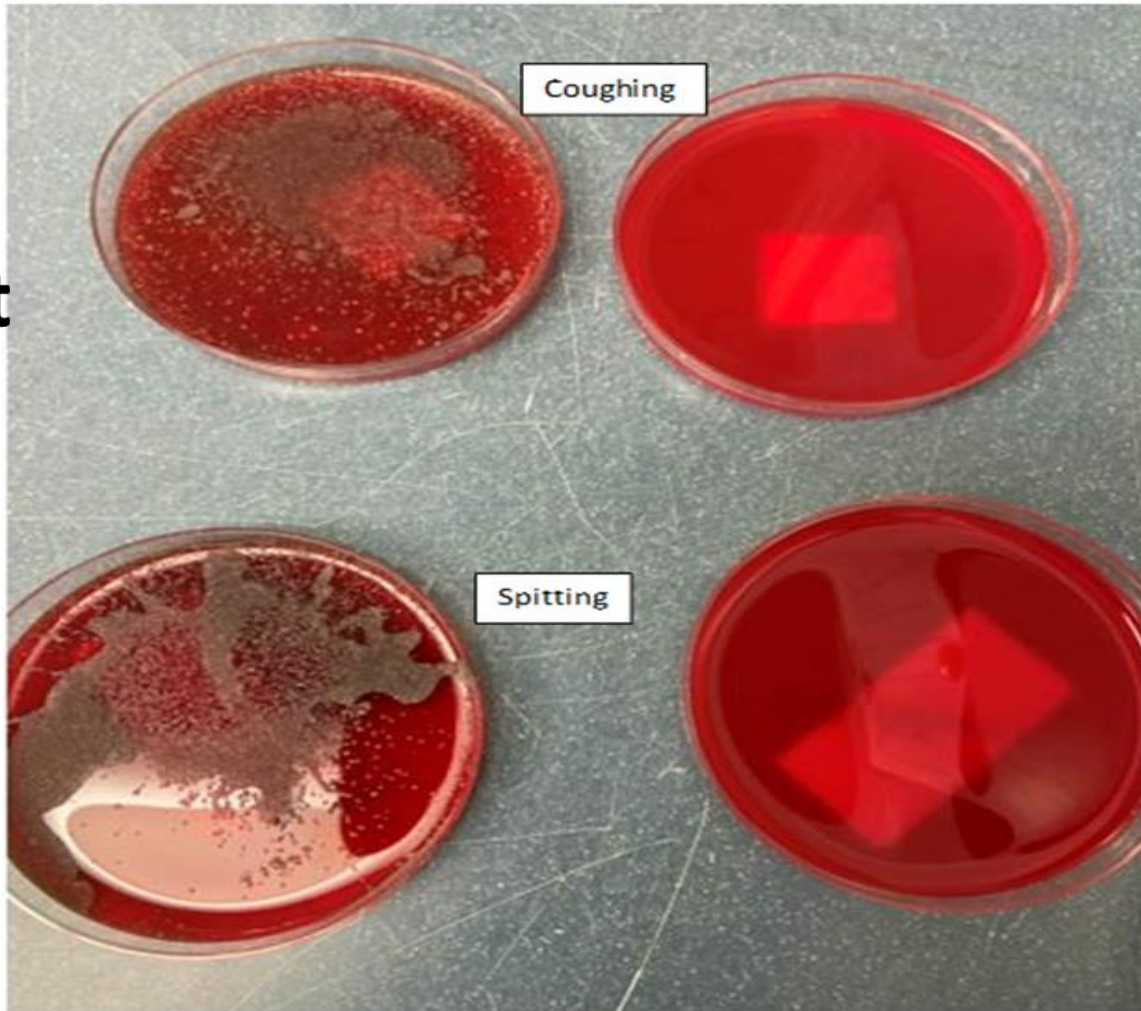
**Without Mask**



**With Mask**



**Without  
Mask**



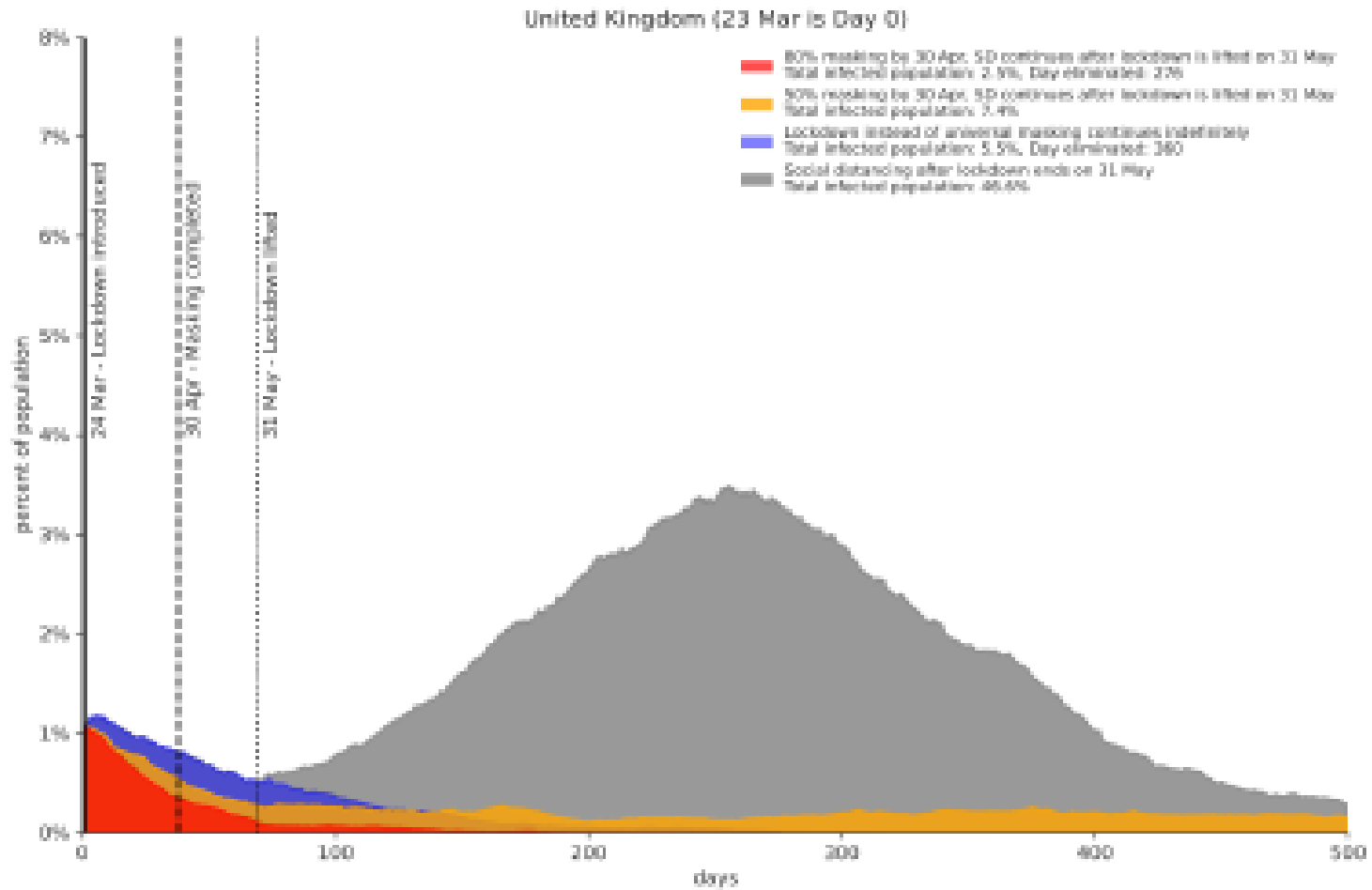
**With  
Mask**



# Studies on Mask Effectiveness

1. Study conducted by a team of scientists in Hong Kong, found the rate of non-contact transmission through respiratory droplets or airborne particles dropped by as much as 75 percent when masks were used.
2. The Centers for Disease Control and Prevention has recommended wearing masks in public settings to slow the spread of the [coronavirus](#) pandemic. A new study suggests that cases of COVID-19 could be cut significantly if 80 percent of people heeded this advice.

# Flattening the Curve



# Summary

- Wearing mask is a critical component in preventing COVID-19 transmission during this pandemic
- We wear a mask for you, you wear a mask for us!



# Questions

