

# **ARIZONA COVID-19 RESPONSE**

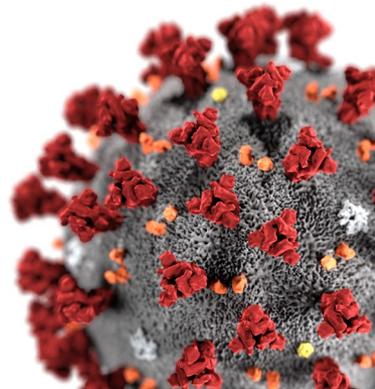
## **Long Term Care Facilities**

- Review of outbreak to-date and the response in Arizona
- How can you prepare?
- What can you do?
- Questions

# Agenda

# **If you have a question**

Write your question in the chat box  
and we will try to address as many  
questions as we can



China first reports cases of pneumonia with an unknown cause.

DEC 2019

JAN 2020

FEB 2020

China first reports cases of pneumonia with an unknown cause.

DEC 2019

JAN 2020

FEB 2020

- The cause is identified as a new coronavirus.
- By the end of January, there were over 9,000 cases globally.
- Airport screening in the U.S. was initiated.
- The first case of novel coronavirus was detected in the US on January 21<sup>st</sup> in WA.
- Arizona confirms first case on January 26<sup>th</sup>.

China first reports cases of pneumonia with an unknown cause.

DEC 2019

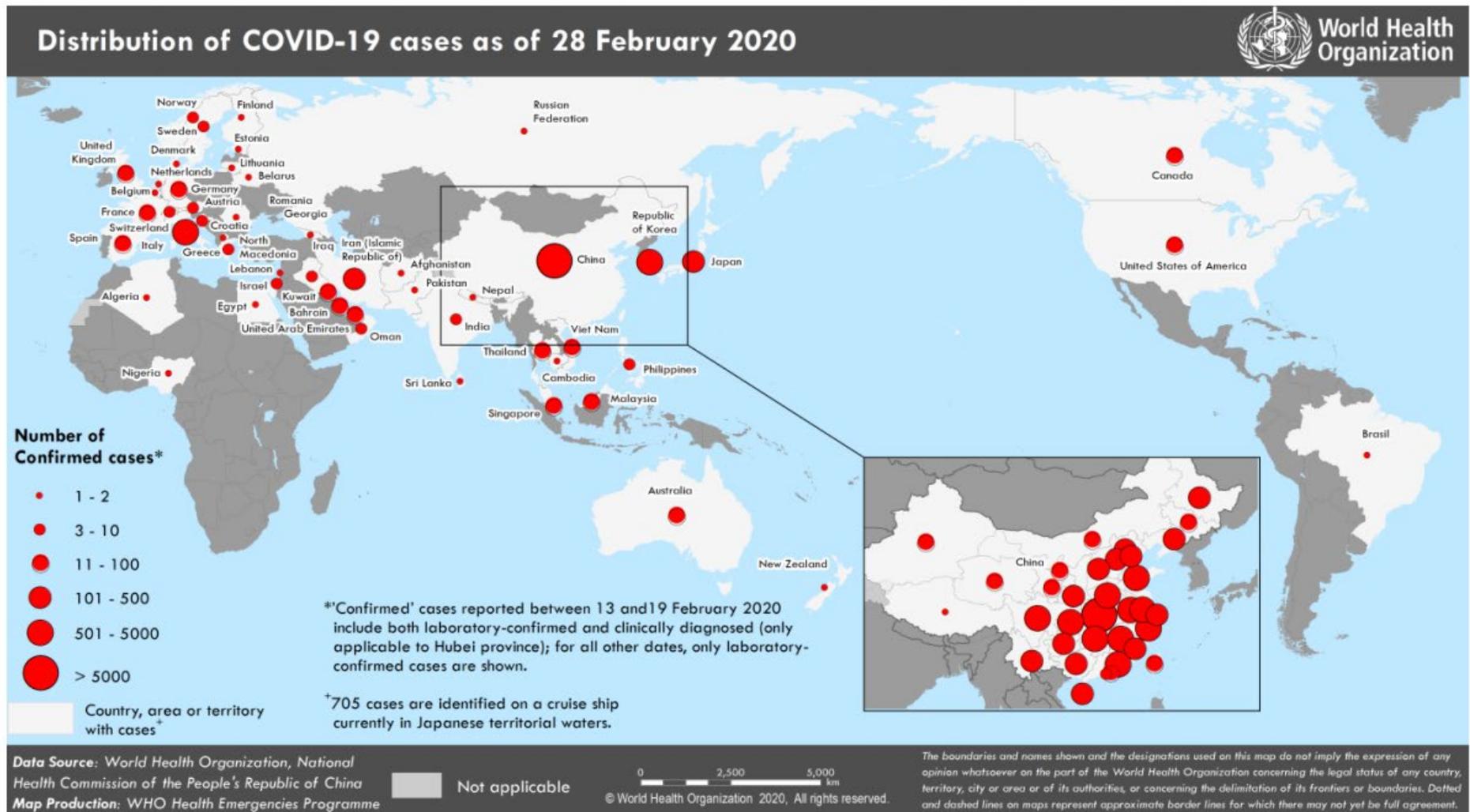
JAN 2020

FEB 2020

- The WHO officially names the new disease COVID-19.
- By the end of February, there are 51 countries with cases and over 80,000 cases identified.
- U.S has their first possible community spread of COVID-19.

- The cause is identified as a new coronavirus.
- By the end of January, there were over 9,000 cases globally.
- Airport screening in the U.S. was initiated.
- The first case of novel coronavirus was detected in the US on January 21<sup>st</sup> in WA.
- Arizona confirms first case on January 26<sup>th</sup>.

Figure 1. Countries, territories or areas with reported confirmed cases of COVID-19, 28 February 2020



**COVID-19 : the virus**

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**COVID-19 : the virus**

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- Coronaviruses are a large family of viruses.
  - There are several known coronaviruses that infect people and usually only cause mild respiratory disease, such as the common cold.

**COVID-19 : the virus**

- COVID-19 is caused by a novel coronavirus (SARS-CoV-2).
- Coronaviruses are a large family of viruses.
  - There are several known coronaviruses that infect people and usually only cause mild respiratory disease, such as the common cold.
- Coronaviruses can be found in animals, and some of these viruses have the capability of transmitting between animals and humans or from person-to-person.

**COVID-19 : the virus**

# **COVID-19 : What we know**

- **Wide range** of symptoms from very mild to severe
  - Symptoms can include fever, cough, and difficulty breathing

**COVID-19 : What we know**

- **Wide range** of symptoms from very mild to severe
  - Symptoms can include fever, cough, and difficulty breathing
  - Information so far suggests that most COVID-19 illness is mild.
  - A report of China suggests serious illness occurs in 16% of cases.
  - **Older people** and **people with underlying health conditions**, like heart disease, lung disease and diabetes, for example, were about twice as likely to develop serious outcomes versus otherwise younger, healthier people.

**NOTE** – this looks very similar to many other viral respiratory illnesses such as flu

# COVID-19 : What we know

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- The virus is thought to spread **person-to-person** via respiratory droplets that are produced when someone infected with the virus coughs or sneezes

**COVID-19 : What we know**

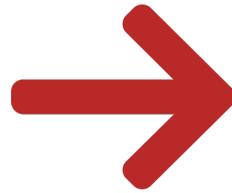
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**COVID-19 : What we know**

- **Wide range** of symptoms from very mild to severe
  - Symptoms can include fever, cough, and difficulty breathing
- The virus is thought to spread **person-to-person** via respiratory droplets that are produced when someone infected with the virus coughs or sneezes
- There is currently no available medication to treat or vaccine to prevent
- You can take everyday measures **right now** including proper hand washing, covering coughs and sneezes, and staying home when you are sick

## **COVID-19 : What we know**

**Containment of  
virus at the  
source**

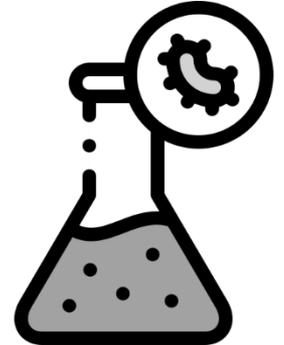
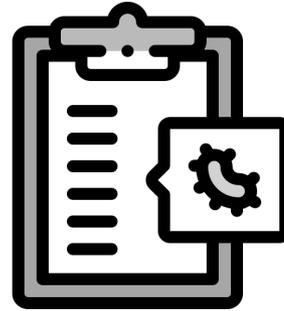
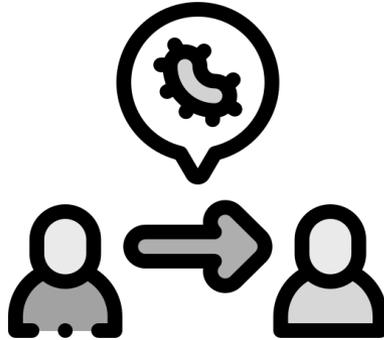


**Community  
mitigation and  
preparedness**

- In early stages of an outbreak like COVID-19:
  - Public health takes measures to contain diseases to stop them from spreading in our communities.

**Containment**

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  - Public health takes measures to contain diseases to stop them from spreading in our communities.



**Containment**

- Given national updates, it has become clear that there is a higher likelihood of community spread within the United States.
  - Public health measures begin to shift to slow the spread of the virus rather than to contain it at the source.

**Mitigation**

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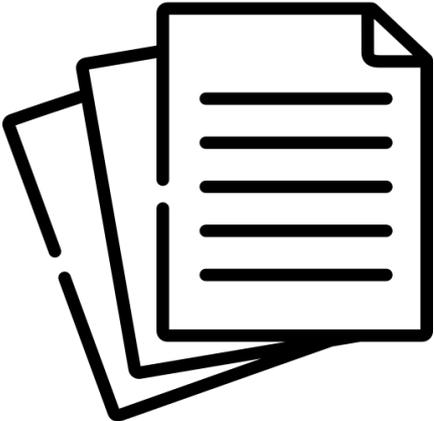


**Mitigation**

**What can you do**

# What can you do

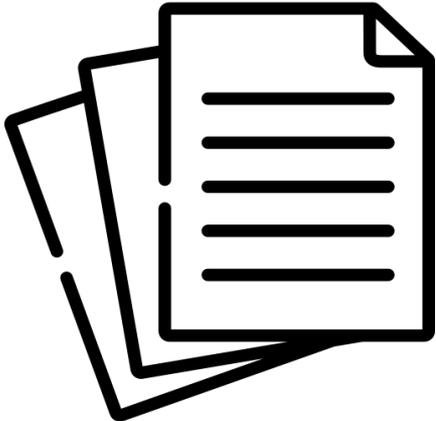
- Stay informed about the local COVID-19 situation



**Be Prepared**

# What can you do

- Stay informed about the local COVID-19 situation
- Review your infection prevention and control policies



**Be Prepared**

# What can you do

- Stay informed about the local COVID-19 situation
- Review your infection prevention and control policies
- Develop or review your facility's emergency plan

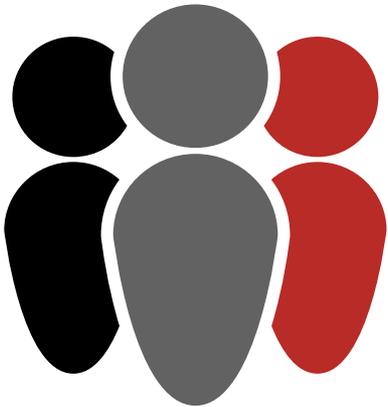


**Be Prepared**

# What can you do

## Communicate with staff

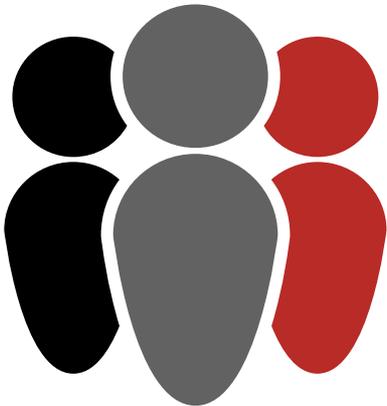
- Current information regarding COVID-19



# What can you do

## Communicate with staff

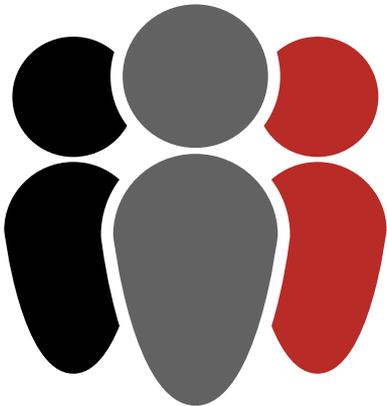
- Current information regarding COVID-19
- Potential surge



# What can you do

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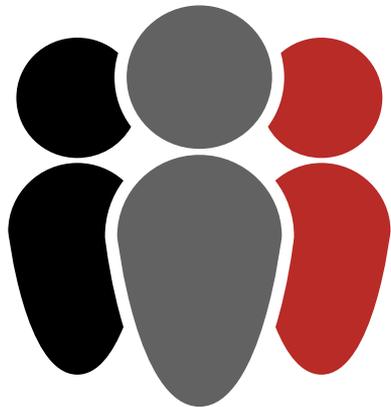
- Current information regarding COVID-19
- Potential surge
- Preparedness plans



# What can you do

## Communicate with staff

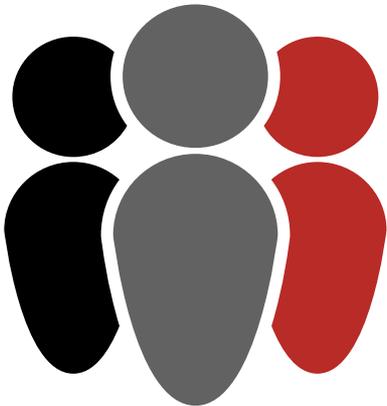
- Current information regarding COVID-19
- Potential surge
- Preparedness plans
- Sick leave policies



# What can you do

## Communicate with patients

- Describe what actions the facility is taking to protect them
- Explain what they can do to protect themselves and their fellow residents
- Provide updates about changes in policies that would affect them
- Visitation policies

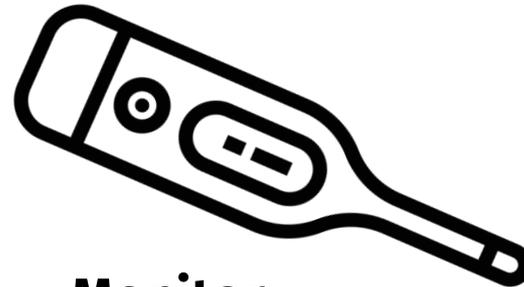


# COVID-19 Prevention



**Prevent the introduction of respiratory  
germs INTO your facility**

# COVID-19 Prevention



Monitor

**Prevent the introduction of respiratory germs INTO your facility**

# COVID-19 Prevention



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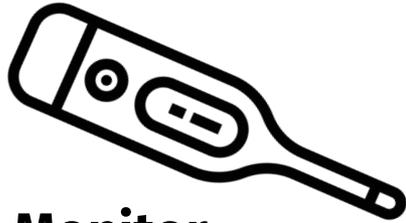
# COVID-19 Prevention



**Monitor**

**Prevent the spread of respiratory germs  
WITHIN your facility**

# COVID-19 Prevention



**Monitor**



**Hand & Respiratory Hygiene**

**Prevent the spread of respiratory germs  
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# COVID-19 Prevention



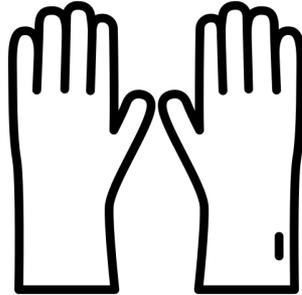
**Monitor**



**Hand & Respiratory Hygiene**



**PPE**



**Prevent the spread of respiratory germs  
WITHIN your facility**

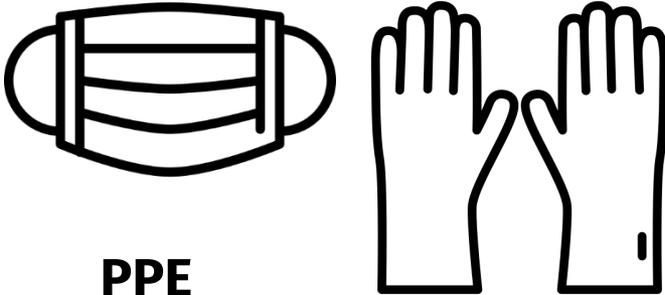
# COVID-19 Prevention



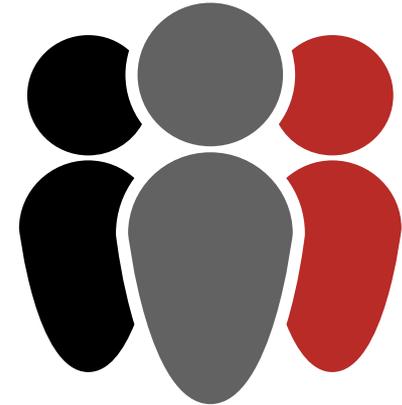
**Monitor**



**Hand & Respiratory Hygiene**



**PPE**



**Dedicate Staff**

**Prevent the spread of respiratory germs  
WITHIN your facility**

# COVID-19 Prevention

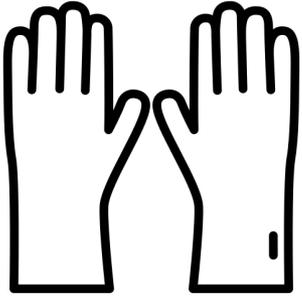
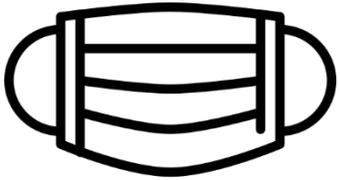


Report

**Prevent the spread of respiratory germs BETWEEN facilities**

# Infection Control

- Standard, Contact and Droplet Precautions



**Standard and Transmission Precautions**

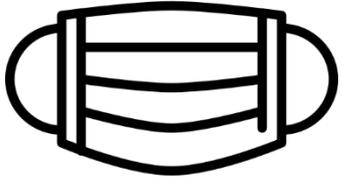
# Infection Control

- Standard, Contact and Droplet Precautions
- Hand Hygiene



**Standard and Transmission Precautions**

# Infection Control

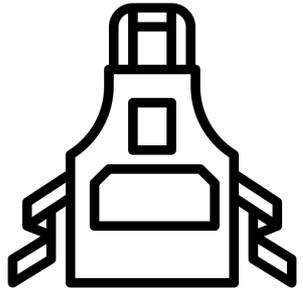
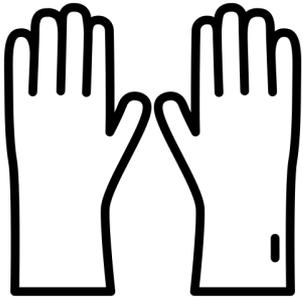


- Standard, Contact and Droplet Precautions

- Hand Hygiene

- PPE

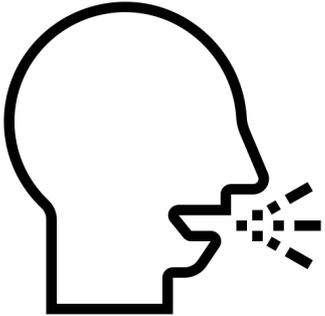
- gloves
- gown
- medical masks
- eye protection



**Standard and Transmission Precautions**

# Infection Control

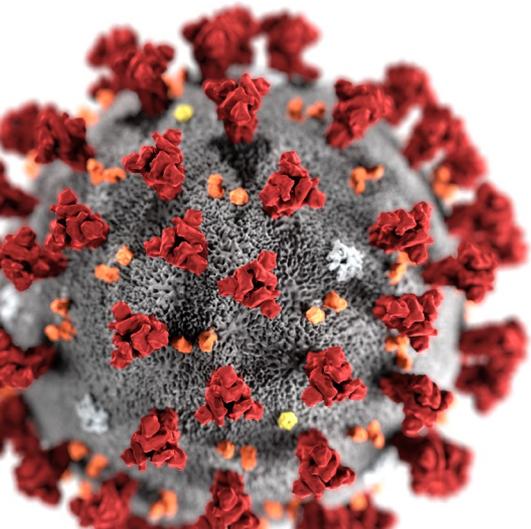
- Standard, Contact and Droplet Precautions
- Hand Hygiene
- PPE
  - gloves
  - gown
  - medical masks
  - eye protection
- AIIR for aerosol generating procedures



**Standard and Transmission Precautions**

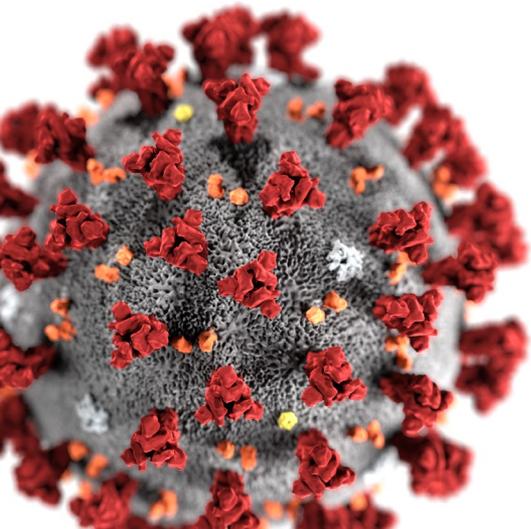
# Infection Control

- Manage visitor access and movement within the facility



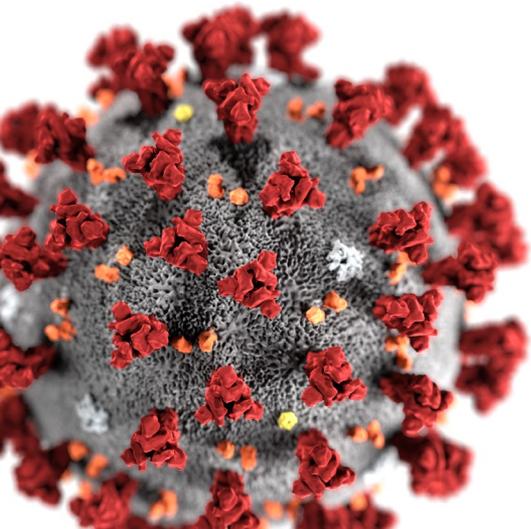
# Infection Control

- Manage visitor access and movement within the facility
- Monitor and manage ill and exposed healthcare personnel



# Infection Control

- Manage visitor access and movement within the facility
- Monitor and manage ill and exposed healthcare personnel
- Train and educate healthcare personnel



# Infection Control

- Dedicate medical equipment



**Environmental Cleaning**

# Infection Control

- Dedicate medical equipment
- Follow environmental cleaning and disinfection procedures



**Environmental Cleaning**

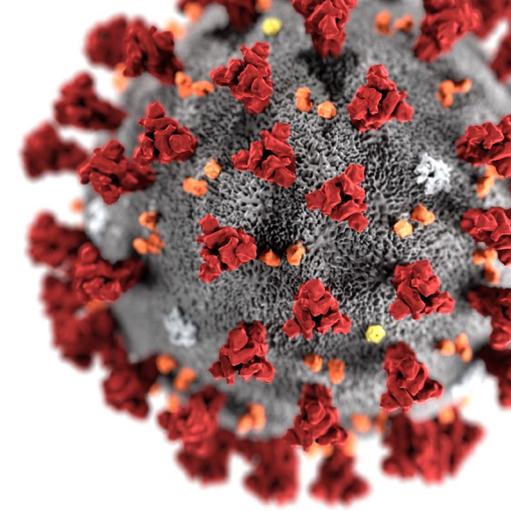
# Infection Control

- Dedicate medical equipment
- Follow environmental cleaning and disinfection procedures
- Use a bleach-and-water solution (0.1% solution; 1:50 dilution) or disinfectant with a label that says “EPA approved” for killing bacteria and viruses. Always follow directions on product labels.



**Environmental Cleaning**

**Additional Resources**

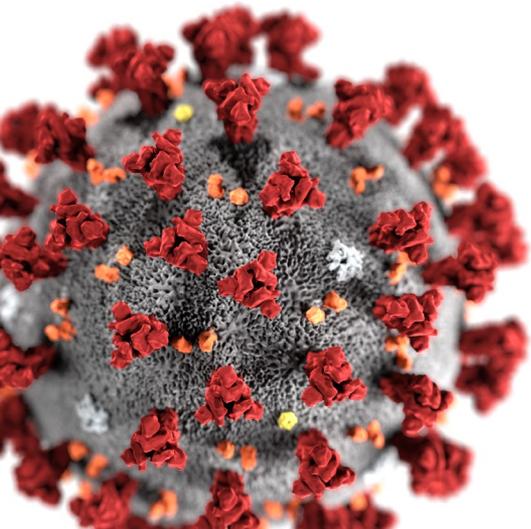


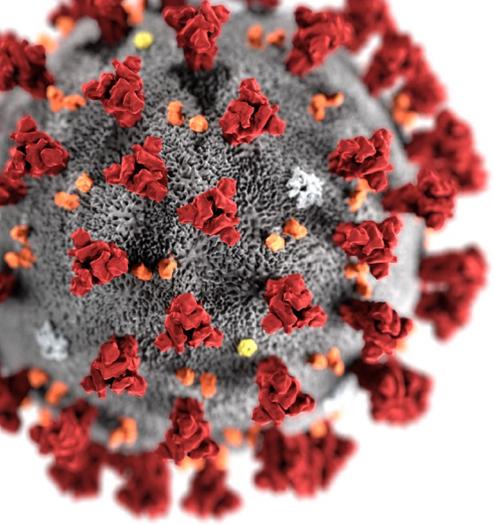
- [azhealth.gov/coronavirus](https://azhealth.gov/coronavirus)
- [cdc.gov/coronavirus/2019-ncov](https://cdc.gov/coronavirus/2019-ncov)
- **[What Healthcare Personnel Should Know](#)**
- **[Interim Infection Prevention and Control Recommendations](#)**
- [Coronavirus Disease: Strategies to Prevent Spread in LTCF](#)
- [Arizona Pandemic Influenza Response Plan](#)
- [Non-Pharmaceutical Intervention Plan \(ADHS\)](#)
- [Non-Pharmaceutical Intervention Plan \(CDC\)](#)

# **Additional Resources**

**If you have any questions about  
how to prepare for COVID-19,  
please contact your local health  
department.**

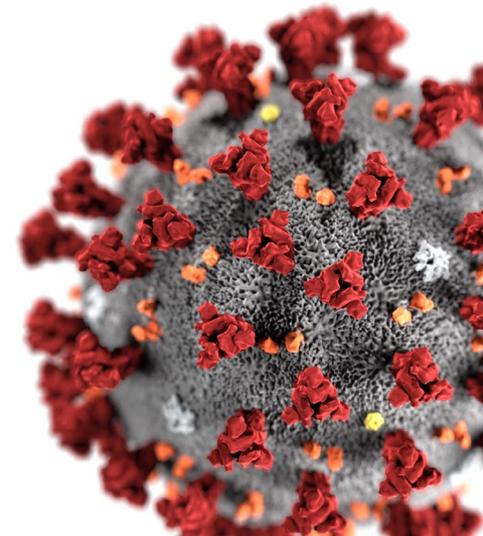
[azhealth.gov/localhealth](https://azhealth.gov/localhealth)





**QUESTIONS?**

**Thank you for attending!**



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**For additional questions: [COVID-19 Question Form](#)**

