

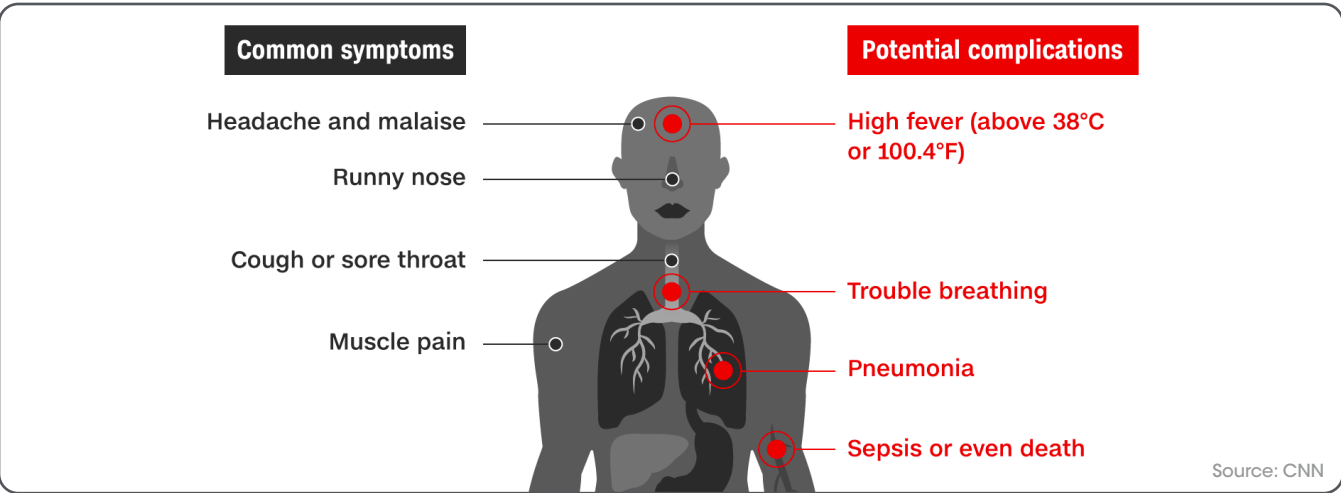


2019 Novel Coronavirus

Also known as 2019-nCoV

WHAT IS CORONAVIRUS?

Coronaviruses are a class of virus that are very common, some more serious than others. Examples include the common cold, SARS, and MERS. Coronaviruses are RNA viruses, which allow them to mutate and spread between species.



HOW DOES IT SPREAD?

Droplet Contact

Droplets are typically spread by sneezing or coughing. The virus can be transmitted through droplets contacting the mouth, nose, and eyes.

Airborne Transmission

Viruses can become airborne when droplets evaporate or when dust containing the virus becomes airborne.

Indirect Contact

Touching a surface which is contaminated with the virus and then touching your mouth, nose, or eyes can result in infection.

HOW TO PROTECT YOURSELF?

- Wearing a good quality mask will help prevent droplets from making contact with your mouth or nose.
- Avoid crowds of people and those who may be sick.
- Avoid contact with frequently touched surfaces.
- Disinfect frequently touched surfaces
- Hand sanitizers can help, but may not be completely effective.
- Avoid touching your face.
- Wash your hands frequently – lathering for at least 20 seconds and drying with a clean cloth.

CHOOSING THE RIGHT MASK

Wearing a good quality respirator is a precaution that can help reduce transmission. To ensure you're protecting yourself adequately, make sure your respirator meets these following criteria:

- **Must filter ultra-fine particles (0.1 microns)**
 - The coronavirus itself is very small – only 0.12 microns in size.
 - **Cloth masks are not effective** against small viruses.
- **Should fit your face well and create an air-tight seal**
 - For example, **surgical masks are not effective** for filtering the air you breathe.

	Pros	Cons
Disposable Masks	<ul style="list-style-type: none">• Viruses caught in the mask are disposed of alongside the mask	<ul style="list-style-type: none">• Disposable masks typically seal poorly to your face
Reusable Masks	<ul style="list-style-type: none">• Reusable masks with good quality seals prevent leaks• More comfortable	<ul style="list-style-type: none">• Should be cleaned in between uses to avoid harbouring of viruses.

REMINDER

Wearing a mask is not enough. Avoiding crowds, washing your hands regularly, and avoiding touching your face are the most helpful ways to avoid infection.

STAYING SAFE WITH THE O2 CURVE

The O2 Curve is a premium reusable respirator which has replaceable filters.

Key Benefits:

- The filter material is effective down to 0.1 microns
- The medical-grade silicone seal is soft and is excellent at creating an enclosed breathing space which only allows air in through the filter
- The mask is fully submersible and washable
- Comfortable for extended use

