

Project Firstline



Project Firstline gives frontline staff the infection control and prevention tools and information they need to protect themselves, their facility, their family and their community from infectious disease threats, such as COVID-19.

Encourage your staff to join today

Registration and recordings
available

hanys.org/project_firstline



CDC's Project Firstline infection control and prevention program is being made available to healthcare workers by HANYS, in collaboration with Health Research, Inc. and the Department of Health.

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TOPIC 13: SOURCE CONTROL



AGENDA

- Introductions
- What Is Source Control? Why Does It Matter?
- How Can Masks Stop Germs at the Source?
- Reflection

LEARNING OBJECTIVES

- Explain how source control keeps germs from spreading.
- Discuss one (1) reason why source control for COVID-19 focuses on masking.

INTRODUCTIONS

- Your name
- Your role



DEFINITION

Source control for COVID-19

Use of well-fitting cloth masks, facemasks, or respirators to cover a person's mouth and nose to prevent spread of respiratory secretions when they are breathing, talking, sneezing, or coughing.

INSIDE INFECTION CONTROL

WHAT IS SOURCE CONTROL?

EPISODE 23



- Access the video: **CDC Website:**
<https://www.cdc.gov/infectioncontrol/projectfirstline/videos/Ep23-Source-LowRes-New.mp4>

What did we
learn about
source control?



SOURCE CONTROL FOR COVID-19

For COVID-19, source control focuses on covering your nose and mouth with a mask to keep your respiratory droplets out of the air.

Why does that matter?

The main way that SARS-CoV-2, the virus that causes COVID-19, travels between people is through respiratory droplets that come out when an infected person talks, breathes, coughs, or otherwise blows air out of their nose or mouth.

WE DON'T ALWAYS KNOW WHO'S INFECTED WITH SARS-CoV-2

People who are infected with SARS-CoV-2 may not show symptoms and may not be aware that they have the virus.

Why does that matter?

They can still spread the virus to others through their respiratory droplets, which is why source control for COVID-19 is so important.

How can **masks**
stop germs at
the source?



SOURCE CONTROL TIPS: MASKS

Wear a mask that

- Fits snugly around the cheeks and chin without gaps at the edges
- Covers your mouth and nose



SOURCE CONTROL TIPS: N95s

- N95s protect you from breathing in respiratory droplets.
- Most N95s also block your respiratory droplets from being breathed out into the air.



REFLECTION

Questions?



KEY TAKEAWAYS

- Source control keeps germs from spreading by stopping them at their source, before they can spread to other people.
- Source control is an important tool to reduce the spread of COVID-19 and other respiratory infections as well as other diseases.
- For COVID-19, source control focuses on covering your nose and mouth with a mask to keep your respiratory droplets out of the air.
- Most N95 respirators used in healthcare not only protect you from virus that your patient is breathing out, but also protect your patients and your colleagues from germs that you might be breathing out.

Project Firstline

Infection control and prevention training *Tailored for the healthcare workforce*

Upcoming webinars (all sessions 9 – 9:30 a.m.)



April 7: Source control in healthcare to prevent infections

Recordings (hanys.org/project_firstline)

- Do We Really Have to Talk About Hand Hygiene? Again? Yes!
- The concept of infection control training
- The basic science of viruses
- How respiratory droplets spread COVID-19
- How viruses spread from surfaces to people
- How COVID-19 spreads: A review
- Environmental cleaning and disinfection

Office hours – Strategies for group training

Office hours – Ways to increase staff engagement

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RESOURCES AND FUTURE TRAINING SESSIONS

Project Firstline on CDC:

<https://www.cdc.gov/infection-control/projectfirstline/index.html>

CDC's Project Firstline on Facebook:

<https://www.facebook.com/CDCProjectFirstline>

CDC's Project Firstline on Twitter:

https://twitter.com/CDC_Firstline

Project Firstline Inside Infection Control on YouTube:

<https://www.youtube.com/playlist?list=PLvvp9iOILTQZQGtDnSDGViKDdRtlc13VX>

To sign up for Project Firstline e-mails, click here:

https://tools.cdc.gov/campaignproxyservice/subscriptions.aspx?topic_id=USCDC_2104

FEEDBACK FORM

