

PPE – EYE PROTECTION



June 5, 2025

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AGENDA

- Introductions
- PPE Overview
 - Eye Protection
 - Gloves
 - Gowns
- Disinfection and Cleaning
- Hand Hygiene



PPE Part 1 – Eye Protection

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INTRODUCTIONS

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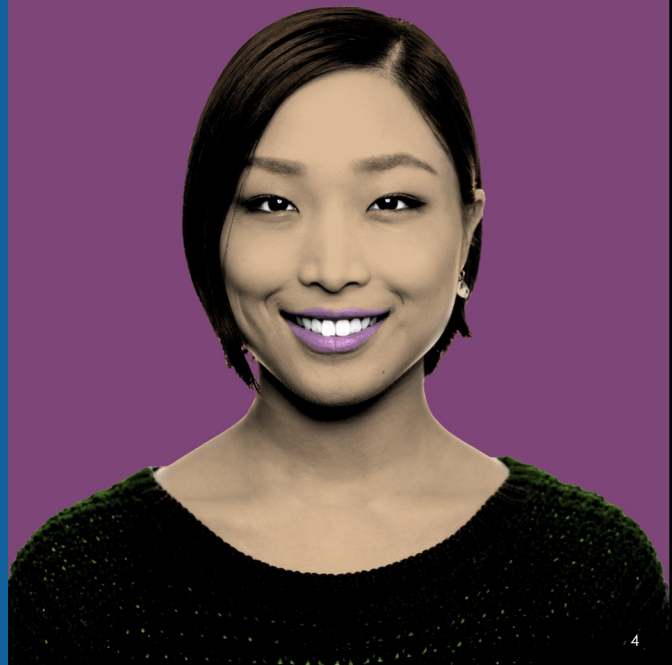


PPE Part 1 – Eye Protection

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How would you
define PPE?



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HOW DOES PPE WORK?

1. PPE protects YOU from things in the environment.
2. PPE protects OTHERS from germs you might be carrying.

For PPE to work, it must be worn correctly every time.

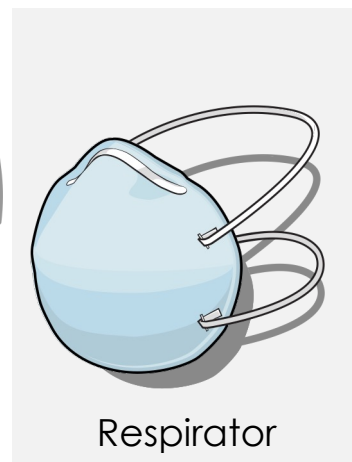
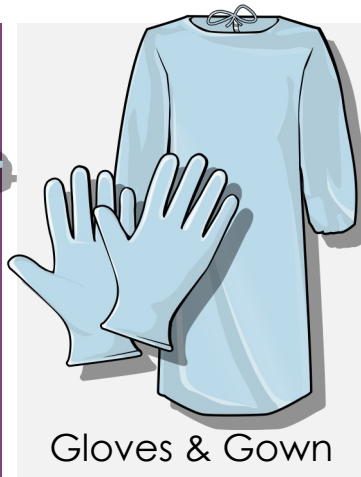
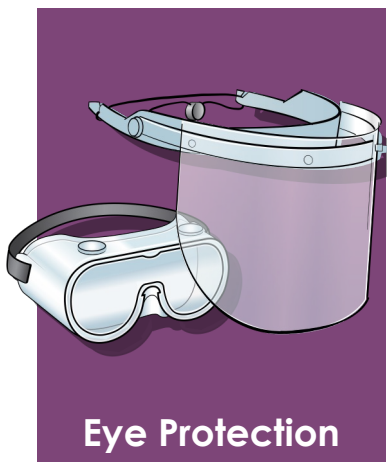


PPE Part 1 – Eye Protection

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3 BUCKETS OF PPE



PPE Part 1 – Eye Protection

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Why do you
think **eye
protection** is
important?



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DISCUSSION

Using eye protection at your workplace

1. How is eye protection used at your workplace?
 - What does your workplace do well?
2. What strategies could you use to suggest improvements?

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Reflection

What **questions** do you still have?



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KEY TAKEAWAYS

- PPE is used in healthcare both to **protect YOU** and to **protect OTHERS**.
- Eye protection is recommended for diseases because they **can enter the body through the eyes**.
- Whatever is used to protect your eyes should allow you to **see clearly and do your work safely**.



PPE Part 1 – Eye Protection

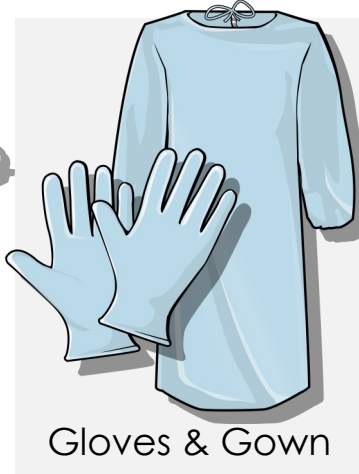
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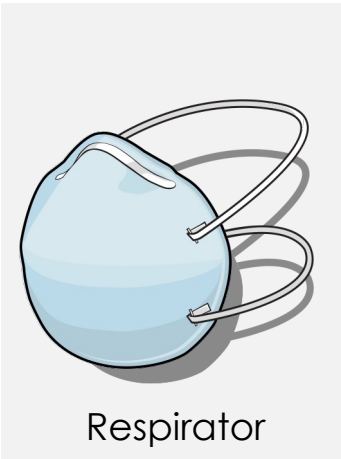
3 BUCKETS OF PPE



Eye Protection



Gloves & Gown



Respirator



PPE Part 1 – Eye Protection

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GLOVES PROTECT YOU AND KEEP GERMS FROM SPREADING

- Gloves protect you and keep you from accidentally spreading germs into your work environment.
- Gloves help stop germs from spreading from place to place while carried on your hands.

How?

- Gloves cover any breaks and cracks in your skin so that germs can't get to them, and they keep germs from spreading from your broken skin to others, or the environment.
- If you touch something with germs on it, the germs can get on your gloves.



PPE Part 2 – Gloves

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GLOVES MUST BE WORN PROPERLY TO BE EFFECTIVE

Clean your hands

- After you've taken your gloves off and before you put on a new pair
- Before you reach into the box to pull out new gloves

Do not wear two pairs of gloves at once, which can

- Add new risks, like making your fingers harder to move
- Spread germs when removing and replacing the top layer



PPE Part 2 – Gloves

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What **questions**
do you still have
about wearing
gloves?



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KEY TAKEAWAYS

- Wearing gloves is an important strategy for infection control.
- They protect you and keep you from accidentally spreading germs into your environment.
- Gloves must be worn properly to be effective.
- Wearing two pairs of gloves at once is not recommended for routine care and can be an infection control risk.

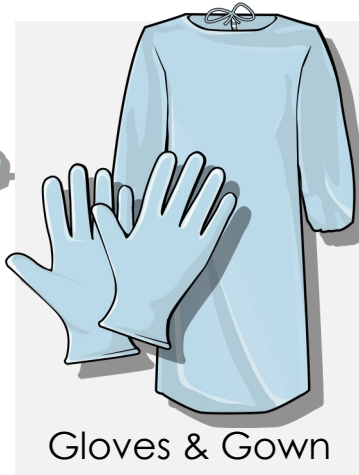
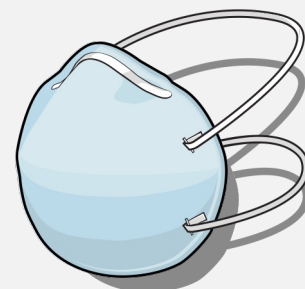


PPE Part 2 – Gloves

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3 BUCKETS OF PPE

**Eye Protection****Gloves & Gown****Respirator**

PPE Part 1 – Eye Protection

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GOWNS PROTECT YOU AND KEEP GERMS FROM SPREADING

- Gowns protect you from germs.
- Gowns protect others by keeping germs out of the environment.

How?

- Gowns make it easier to remove things, such as germs and body fluids, that might get on you while you work, so you don't have to change clothes every time your clothes get dirty.
- When you remove and dispose of your gown properly, you keep germs from spreading in the environment.



PPE Part 2 – Gowns

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GOWNS MUST BE WORN PROPERLY TO BE EFFECTIVE

Remove your gown:

- When it gets dirty.
- Before moving to the next patient or task.

Make sure that your gown fits properly and that it doesn't touch other surfaces while you're wearing it.

Gowns designed for use as PPE are intended to be worn as a single gown.



PPE Part 2 – Gowns

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What **questions**
do you still
have about
gowns?



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KEY TAKEAWAYS

- Wearing gowns is an important strategy for infection control.
- They protect you and keep you from accidentally spreading germs into your environment.
- Gowns must be worn properly to be effective.
- Wearing more than one gown at once is not recommended for routine care and can be an infection control risk.

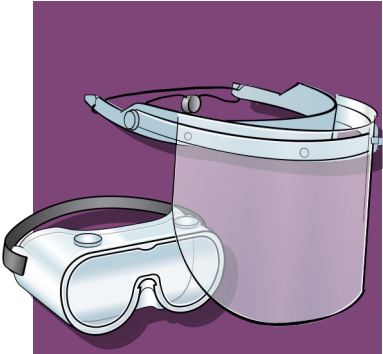


PPE Part 2 – Gowns

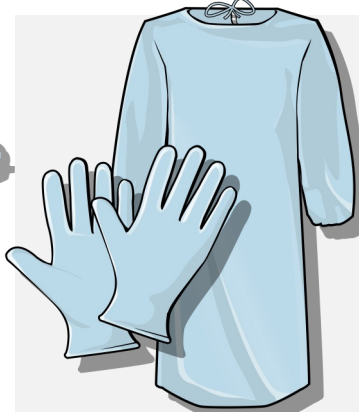
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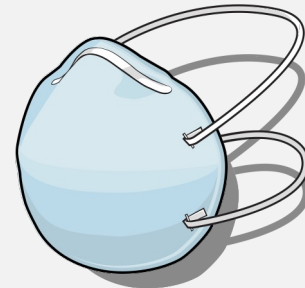
3 BUCKETS OF PPE



Eye Protection



Gloves & Gown



Respirator



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SOURCE CONTROL



[Date of Training]

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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.



Source Control

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INSIDE INFECTION CONTROL

WHAT IS SOURCE CONTROL?

EPISODE 23



Source Control

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What did we
learn about
source control?



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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.

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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.



Source Control

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



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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

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SOURCE CONTROL TIPS: N95s

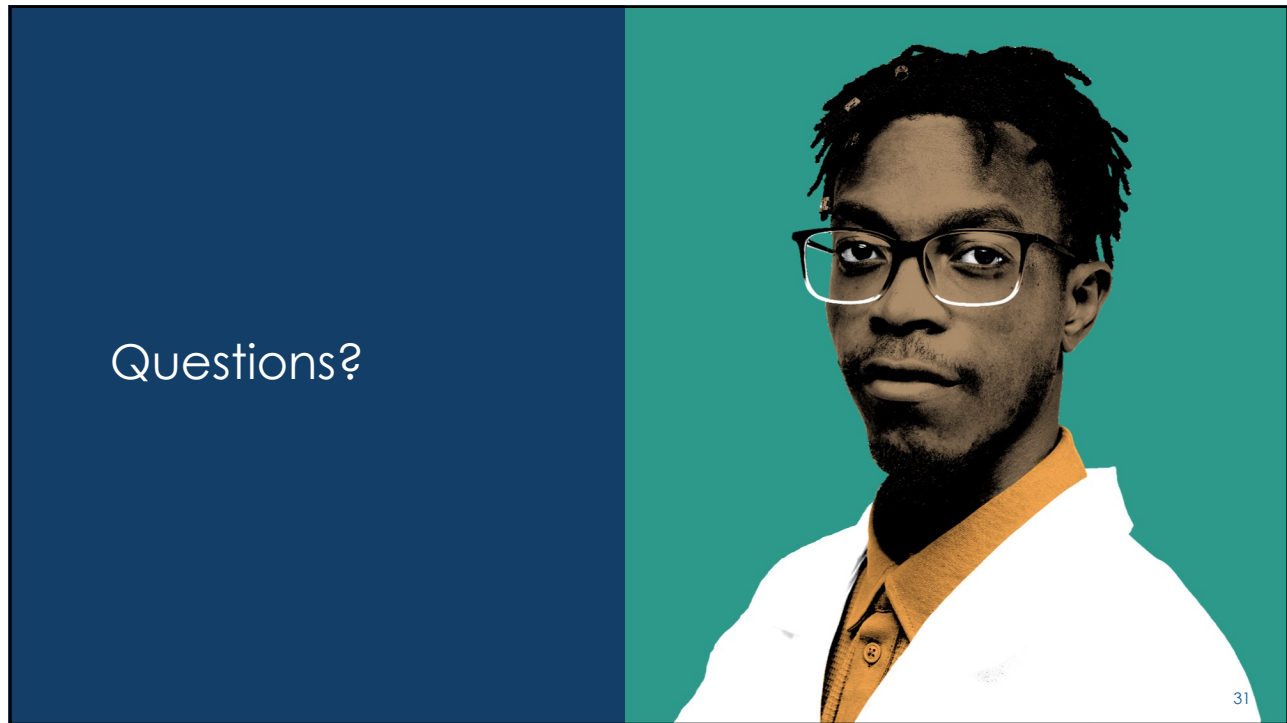
- N95s protect you from breathing in respiratory droplets.
- Most N95s also block your respiratory droplets from being breathed out into the air.



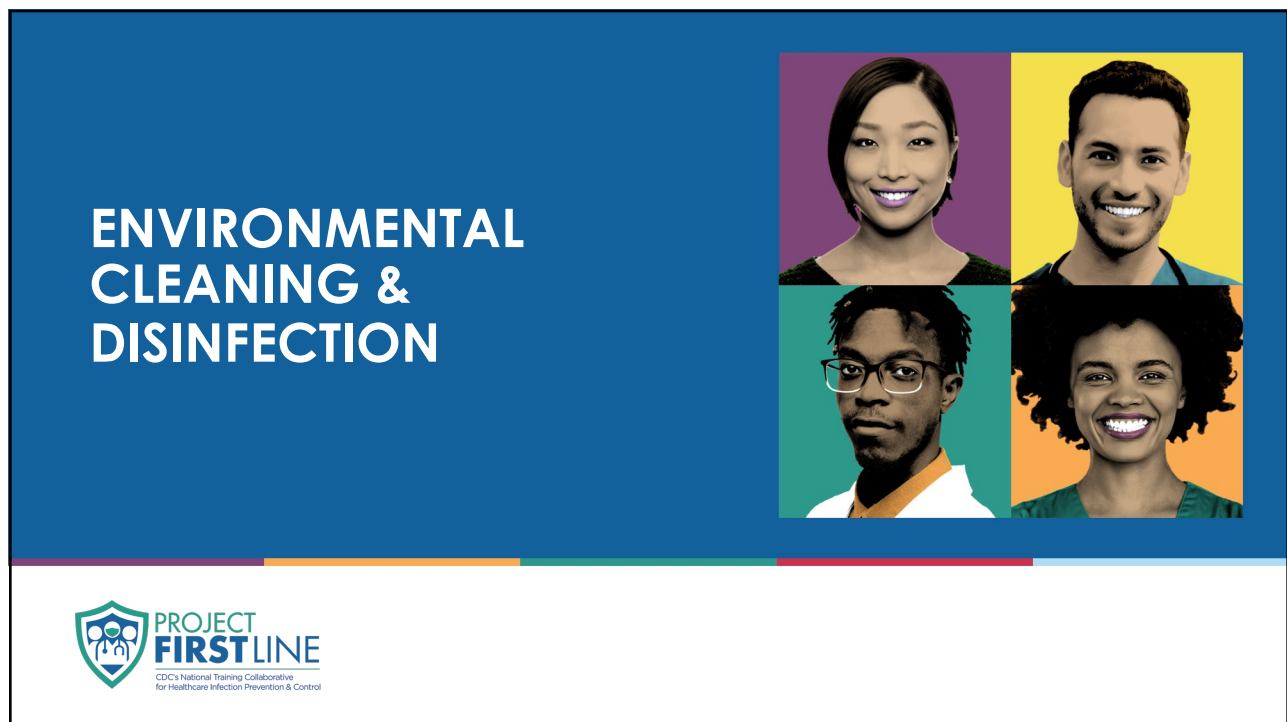
Source Control

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POLL – RAISE YOUR HAND...

- Cleaning is killing germs. Disinfecting is removing dirt and some germs.
- Disinfecting is a type of cleaning (cleaning with chemicals).
- Cleaning is a type of disinfecting (disinfecting with soap or detergent).
- Disinfecting is killing germs. Cleaning is removing dirt and some germs.



Environmental Cleaning & Disinfection

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INSIDE INFECTION CONTROL

**CLEANING? DISINFECTION?
WHAT IS THE DIFFERENCE?**

EPISODE 16



Environmental Cleaning & Disinfection

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DEFINITIONS

Cleaning

Cleaning is a process that removes things like dust, dirt, grime, and other spills, smears, and everyday messes from surfaces, along with some germs.

Disinfection

Disinfection is a process that kills germs.



WHY CLEANING AND DISINFECTION MATTER

PATIENTS MAY HAVE WEAKENED IMMUNE SYSTEMS

In healthcare, we have patients who are ill or weak.

Why does that matter?

Germes are more likely to cause problems in these patients, because their immune defenses may not be the same as someone who is healthy and living at home.



Environmental Cleaning & Disinfection

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THE HEALTHCARE ENVIRONMENT SHOULD BE KEPT CLEAN

It is important to keep the healthcare environment clean to stop germs from spreading.

Where and When?

- Patient Rooms
- High-touch Surfaces
 - Bed rails
 - Keyboards
 - Light switches
- Surfaces and objects that often have a lot of germs on them
 - Toilet seats



Environmental Cleaning & Disinfection

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WHAT IS CONTACT TIME?

Environmental Cleaning & Disinfection

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DEFINITION

Contact Time Sometimes called “dwell time,” this is the amount of time a disinfectant needs to sit on a surface, without being wiped away or disturbed, to effectively kill germs.



Environmental Cleaning & Disinfection

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THE DISINFECTANT LABEL

What information do you need from a disinfectant's label?

1. Is the product EPA-approved?
2. On which surfaces can the disinfectant be used?
3. What germs has the disinfectant been proven to kill?
4. Should the product be diluted?
5. What is the contact time?



Environmental Cleaning & Disinfection

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DOS AND DON'TS FOR DISINFECTION

Dos

- **Do follow the listed contact time.** This ensures items are disinfected to keep germs from spreading.

Don'ts

- **Don't rush** the process. Wait until contact time is complete before using objects or surfaces or before a new patient comes into a room.
- **Don't wipe** the surface to dry it faster.
- **Don't blow** on the surface to dry it faster.



Environmental Cleaning & Disinfection

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KEY TAKEAWAYS

- **Cleaning removes visible dirt**, dust, spills, smears, and grime, including organic material like blood, as well as some germs, from surfaces. It's important to clean before disinfecting because dirt and grime can make disinfectants not work as well.
- **Disinfecting kill germs** on surfaces or objects.
- It is important to **keep the healthcare environment clean to stop the spread of germs**.
- **Follow the instructions on the disinfectant label** – especially instructions for contact time.



Environmental Cleaning & Disinfection

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HAND HYGIENE



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DEFINITIONS

Hand Hygiene

Hand hygiene means cleaning your hands by using either handwashing (washing hands with soap and water), antiseptic hand wash, antiseptic hand rub (i.e., alcohol-based hand sanitizer including foam or gel), or surgical hand antisepsis.



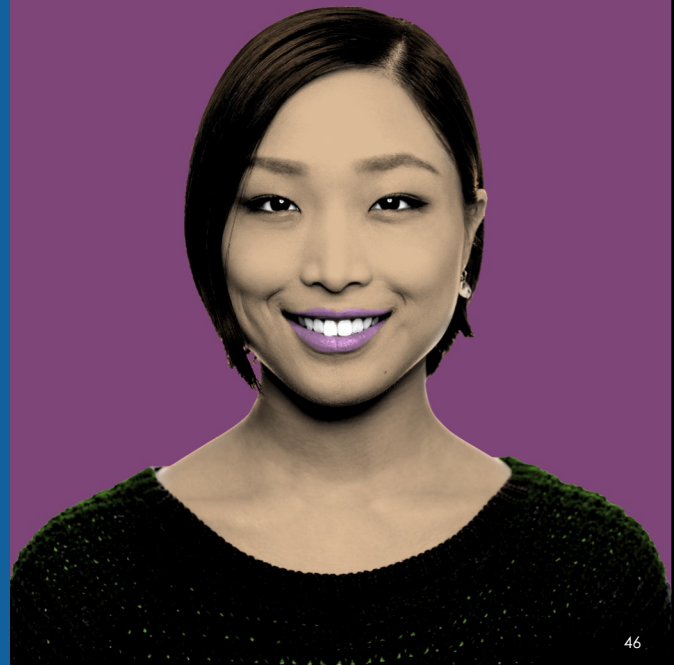
Hand Hygiene

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Share Your Current Practice

How many times do you wash your hands or use alcohol-based hand sanitizer throughout an average workday?



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GERMS CAN SPREAD FROM SURFACES



Hand Hygiene

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INSIDE INFECTION CONTROL

**DO WE REALLY HAVE TO
TALK ABOUT HAND
HYGIENE? AGAIN? YES!**

EPISODE 21



Hand Hygiene

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Discussion

What did we learn from the nursing example?

Healthcare workers touch a lot of items during their workday, so being diligent about hand hygiene matters.



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Discussion

What stands out as particularly important about hand hygiene in healthcare?



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Questions?

Are there any remaining questions about hand hygiene?



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RESOURCES AND FUTURE TRAINING SESSIONS

CDC's Hand Hygiene in Healthcare Settings:
<https://www.cdc.gov/handhygiene/index.html>

Project Firstline on CDC:
<https://www.cdc.gov/infectioncontrol/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=PLvp9iOILTQZQGtDnSDGViKDdRtlc13VX>

To sign up for Project Firstline e-mails, click here:
https://tools.cdc.gov/campaignproxyservice/subscriptions.aspx?topic_id=USCDC_2104



Hand Hygiene

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RESOURCES AND FUTURE TRAINING SESSIONS

Project Firstline Resources

Project Firstline on CDC:

<https://www.cdc.gov/infectioncontrol/projectfirstline/index.html>

Project Firstline on Facebook:

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

Twitter:

https://twitter.com/CDC_Firstline

Youtube:

<https://www.youtube.com/playlist?list=PLvrp9iOILTQZQGtDnSDGVikDdRtlc13VX>

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

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



Other Resources

CDC's Environmental Cleaning Evaluation Tools:

https://www.cdc.gov/hai/prevent/prevention_tools.html#anchor_1561577385

CDC's Reduce Risk from Surfaces:

<https://www.cdc.gov/hai/prevent/environment/surfaces.html>

EPA's Six Steps for Safe & Effective Disinfectant Use:

<https://www.epa.gov/sites/production/files/2020-04/documents/disinfectants-onepager.pdf>

EPA's List N Tool:

<https://cfpub.epa.gov/qiwiz/disinfectants/index.cfm>

About List N: Disinfectants for Coronavirus (COVID-19):

<https://www.epa.gov/coronavirus/about-list-n-disinfectants-coronavirus-covid-19-0>

Selected EPA-Registered Disinfectants: <https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>

List N - Infographic Which disinfectants kill COVID-19?:

https://www.epa.gov/sites/production/files/2020-12/documents/list_n_how-to-infographic_final_0.pdf

Environmental Cleaning & Disinfection

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RESOURCES AND FUTURE TRAINING SESSIONS

Project Firstline on CDC:

<https://www.cdc.gov/infectioncontrol/projectfirstline/index.html>

Project Firstline on Facebook:

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

Twitter:

https://twitter.com/CDC_Firstline

Youtube:

<https://www.youtube.com/playlist?list=PLvrp9iOILTQZQGtDnSDGVikDdRtlc13VX>

CDC's One and Only Campaign:

<https://www.cdc.gov/injectionsafety/one-and-only.html>



PPE Part 1 – Eye Protection

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