

AN OVERVIEW OF PROJECT FIRSTLINE

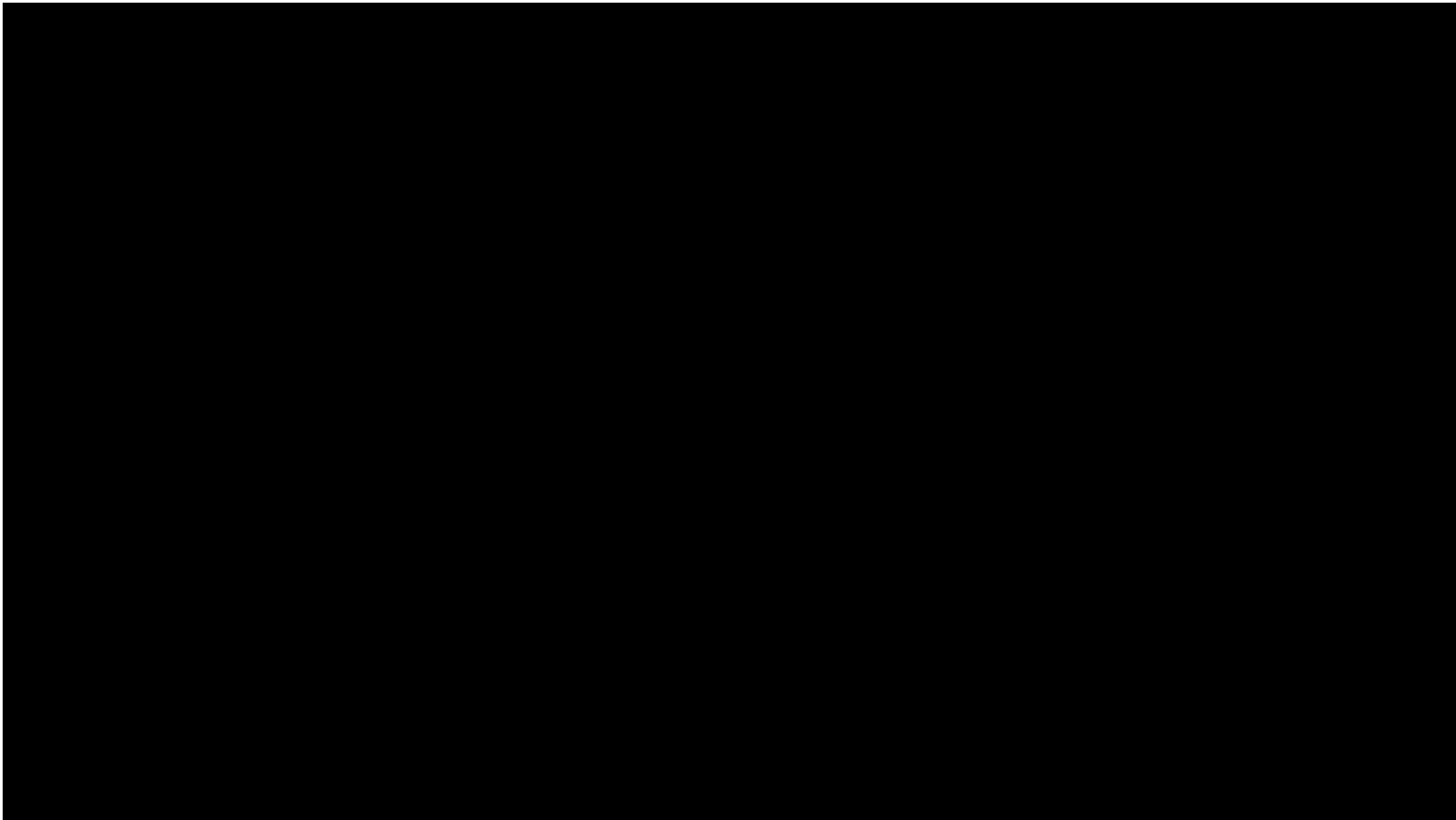
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<https://spice.unc.edu/>
<https://spice.unc.edu/ask-spice/>

OBJECTIVES

- ▶ Describe the CDC's Project Firstline
- ▶ Identify Project Firstline's Partners
- ▶ Describe unique characteristics of Project Firstline
- ▶ Review Resources





PROJECT FIRSTLINE



- ▶ Launched in October 2020
- ▶ Need for accessible, easy-to understand infection control information for frontline workers.
- ▶ Provides education and training needed for frontline workers to protect themselves, patients/residents, and colleagues from infectious disease threats.

PROJECT FIRSTLINE PARTNERS

▶ Collaborative Effort

- ▶ More than 75 healthcare, academic, and public health partners

▶ Partner types:

▶ National Partners:

- ▶ American Medical Association
- ▶ American Nurses Association
- ▶ APIC Consulting Services

▶ State, Local, & Territorial Health Department

▶ North Carolina

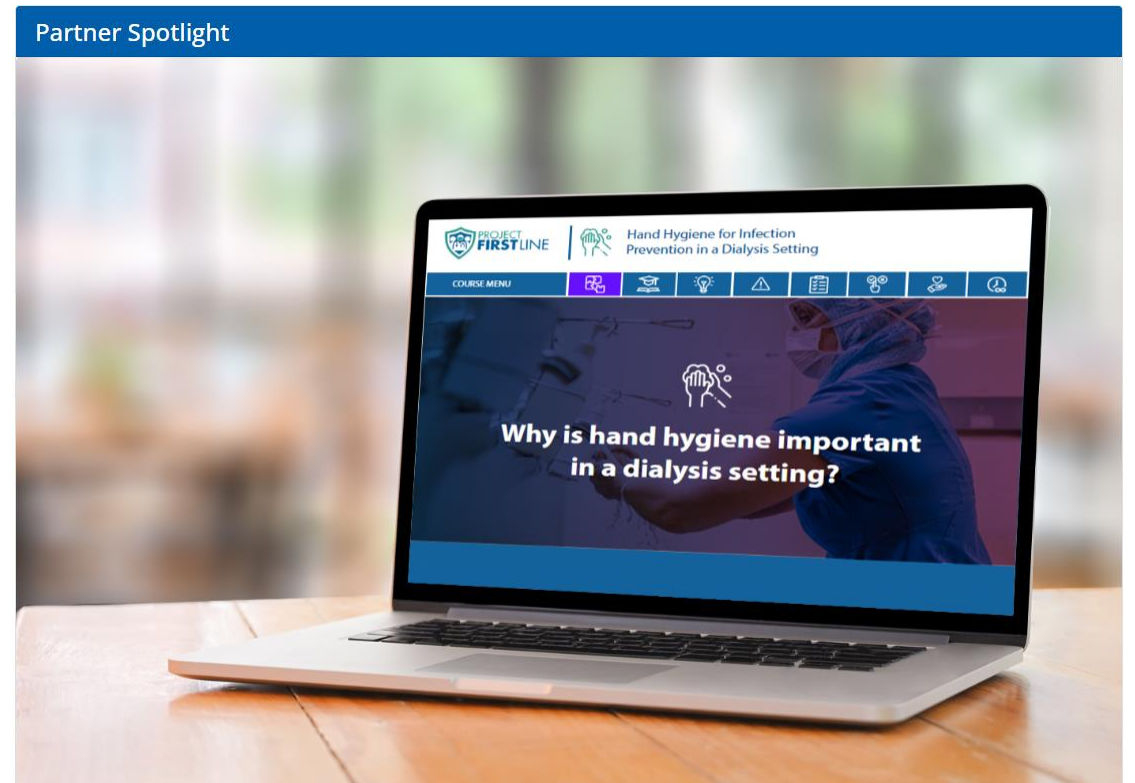
- ▶ NC Statewide Program for Infection Control and Epidemiology (NC SPICE)

▶ Academic



PROJECT FIRSTLINE PARTNER ACTIVITIES

- ▶ The American Medical Association (AMA), in collaboration with CDC's Project Firstline and American Society of Nephrology (ASN), developed a new series of continuing education modules for healthcare workers highlighting essential infection control practices in dialysis settings

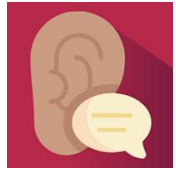


PROJECT FIRSTLINE'S EDUCATIONAL RESOURCES



- ▶ Free
- ▶ Developed with healthcare workers, specifically for health care workers
 - ▶ Nurses
 - ▶ Certified-nurse assistants
 - ▶ Environmental services technicians
 - ▶ Doctors
 - ▶ Allied health professionals
 - ▶ Administrative/intake staff

PROJECT FIRSTLINE EDUCATION



- ▶ Listens to healthcare workers



- ▶ Appreciates the value of every healthcare worker and the role they play in infection control



- ▶ Recognizes that bandwidth is low due to burnout and trauma



- ▶ Meets healthcare workers where they are

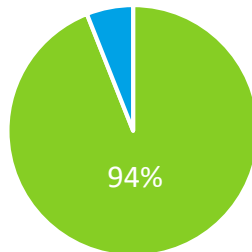


- ▶ Is committed to healthcare equity

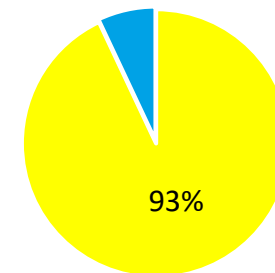
PROJECT FIRSTLINE'S FIRST YEAR

- ▶ Developed more than 130 educational products about infection control
- ▶ Created and released a facilitator toolkit
- ▶ Hosted more than 300 educational events reaching approximately 33,300 healthcare workers
- ▶ 94% of healthcare workers who participated in these educational events reported improved understanding of infection control topics, while 93% stated they would recommend the trainings to others.

Improved knowledge

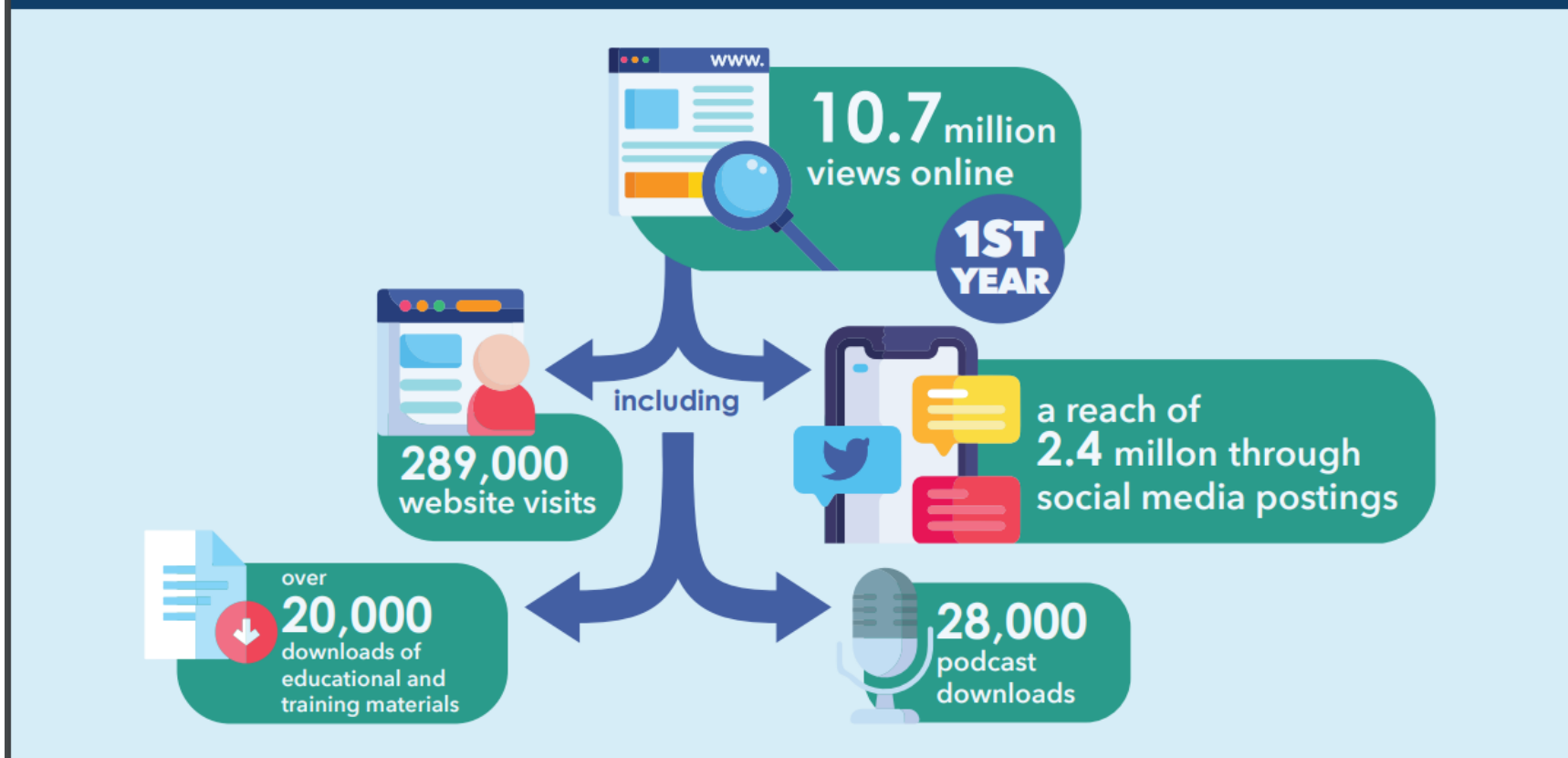


Recommend Project Firstline



PROJECT FIRSTLINE'S FIRST YEAR

TOGETHER, PROJECT FIRSTLINE AND ITS PARTNERS' PRODUCTS AND RESOURCES RECEIVED AN ESTIMATED...



<https://www.cdc.gov/infectioncontrol/pdf/projectfirstline/Year1-Accomplishments-508.pdf>

EDUCATIONAL RESOURCES

► Infection Control Training Toolkits

► Includes:

- Facilitator Guide
- Session Feedback Form
- Facilitator Self-Assessment Form

Recognizing Risk Using Reservoirs Training Toolkit



Session 1:
What Does it Mean to
Recognize A Risk?

Session 2:
How Germs Make People
Sick

Session 3:
Recognizing Risk Using
Reservoirs: A Review

Introduction to Reservoirs: Where Germs Live Training Toolkit



Session 1:
Body Reservoirs

[Session Plan: Body](#)

Session 2:
Healthcare Environment
Reservoirs

Session 3:
Body and Healthcare
Environment Reservoirs:
Synthesis

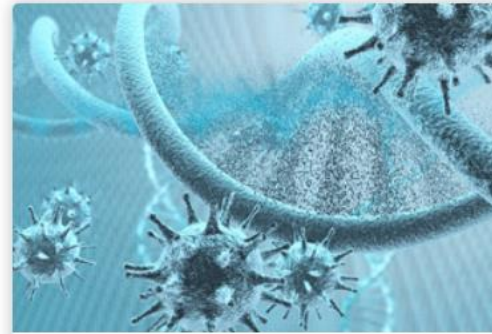
EDUCATIONAL RESOURCES

► Infection Control Training Toolkits covering 15 topics where each topic can be used for either:

- 60 minute session
- 20 minute session
- 10 minute session



The Concept of Infection Control



The Basic Science of Viruses



Environmental Cleaning and Disinfection



PPE Part 1 – Eye Protection



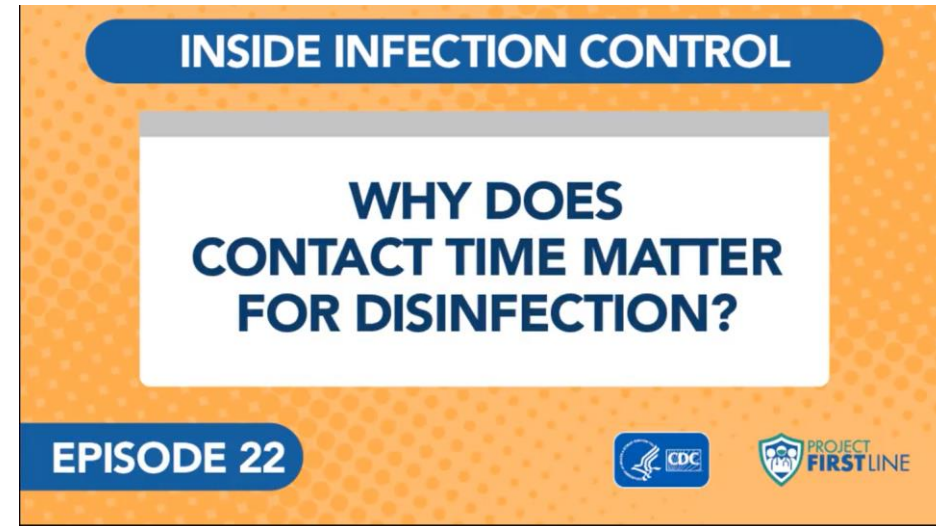
PPE Part 2: Gloves & Gowns



Multi-Dose Vials

EDUCATIONAL RESOURCES

- ▶ Short educational videos on varying topics in infection prevention
 - ▶ Inside Infection Control Episodes
 - ▶ Respiratory Droplet Basics, Multidose Vials, and Ventilation and Infection Control in Healthcare



EDUCATIONAL RESOURCES

► Social media content



The human body is full of reservoirs, or places where germs can live.

Learn how to stop their spread:
WWW.CDC.GOV/PROJECTFIRSTLINE

This infographic features a man's torso with anatomical drawings of internal organs. A circular callout shows various types of germs, including bacteria and viruses, with a yellow sun-like virus icon above it.



Do you handle needles at work?

Needlestick accidents are the most common way that bloodborne viruses are spread in healthcare.

Recognize the risks.
Take action to stop the spread of germs.
Learn more at CDC.GOV/PROJECTFIRSTLINE

The image shows a close-up of a needle with a red blood-like substance inside, set against a dark background.



Germs are everywhere, including on surfaces and devices in the healthcare environment.

Learn how to stop their spread:
WWW.CDC.GOV/PROJECTFIRSTLINE

The image shows a hospital room with a bed, a desk, and a chair. Three circular callouts show different types of germs on various surfaces.



Everyone uses and shares devices in healthcare.

Shared devices like pulse oximeters can spread germs.

Recognize the risks.
Take action to stop the spread of germs.
Learn more at CDC.GOV/PROJECTFIRSTLINE

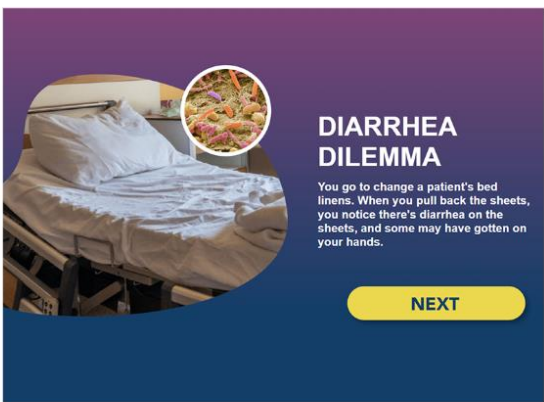
The image shows a hand holding a blue pulse oximeter device against a finger. The device's screen displays "97% SpO2" and "67 BPM".

EDUCATIONAL RESOURCES

► Interactive Resources:

- Activities in which you select the steps you would take in these situations

- What's Wrong with this Picture?

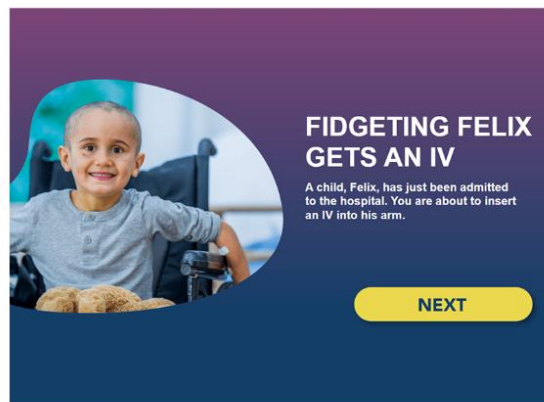


DIARRHEA DILEMMA

You go to change a patient's bed linens. When you pull back the sheets, you notice there's diarrhea on the sheets, and some may have gotten on your hands.

NEXT

Diarrhea Dilemma



FIDGETING FELIX GETS AN IV

A child, Felix, has just been admitted to the hospital. You are about to insert an IV into his arm.

NEXT

Fidgeting Felix gets an IV



Emergency Room



Nurses Station

- Where Germs Live in Healthcare Interactive Infographic
- Interactive PPE scenarios

EDUCATIONAL RESOURCES

► Print materials and job aids

- Posters
- Fact Sheets
- Infographics
- Lock screens for computers

There are thousands of germs on this poster... and everywhere else.

Recognize the risks. Protect your patients.



WWW.CDC.GOV/PROJECTFIRSTLINE

Clinical paper: Chiu, I. (2019). The hospital environment and its microbial burden: challenges and solutions. Future Microbiology, 14, 1007-1010.

FIGHT ANTIMICROBIAL RESISTANCE WITH INFECTION CONTROL

Antimicrobial resistance happens when germs like bacteria and fungi develop the ability to defeat the drugs designed to kill them. That means the germs are not killed and continue to grow and spread.

As a frontline healthcare worker, you play an important role in fighting antimicrobial resistance.

When you practice infection control, you stop resistant germs from:

- Entering the body and causing infections through procedures and medical devices
- Spreading to people from surfaces like bedrails or the hands of healthcare workers
- Moving with patients when they are transferred between facilities
- Spreading into the community, making them harder to control

Infection control fights resistance by:

- Preventing new healthcare associated infections
- Stopping the spread of resistant germs
- Reducing the need for antibiotics or antifungals

Infection control also protects you from getting sick and decreases the risk of spreading germs to patients.

Check out Project Firstline resources to learn more about how you can protect your patients, yourself, and your community from antimicrobial resistance.

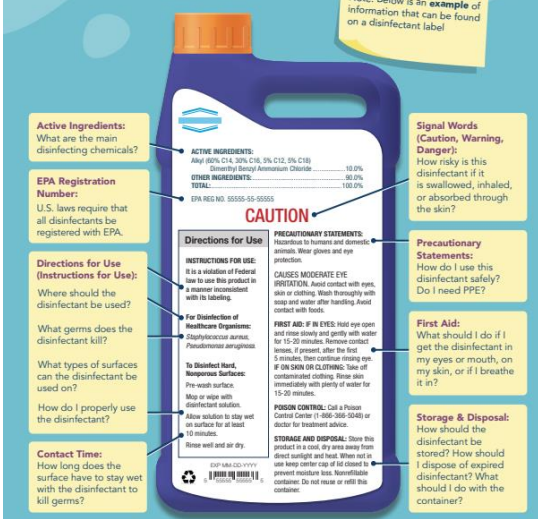
www.cdc.gov/ProjectFirstline

WE HAVE THE POWER TO STOP RESISTANT INFECTIONS. TOGETHER

How to Read a Disinfectant Label

Read the entire label. The label is the **law!**

Note: Below is an example of information that can be found on a disinfectant label.



Active Ingredients: What are the main disinfecting chemicals?

EPA Registration Number: U.S. laws require that all disinfectants be registered with EPA.

Directions for Use (Instructions for Use): Where should the disinfectant be used? What germs does the disinfectant kill? What types of surfaces can the disinfectant be used on? How do I properly use the disinfectant? **Contact Time:** How long does the surface have to stay wet with the disinfectant to kill germs?

Signal Words (Caution, Warning, Danger): How risky is this disinfectant if it is swallowed, inhaled, or absorbed through the skin?

Precautionary Statements: How do I use this disinfectant safely? Do I need PPE? **First Aid:** What should I do if I get the disinfectant in my eyes or mouth, on my skin, or if I breathe it in? **Storage & Disposal:** How should the disinfectant be stored? How should I dispose of expired disinfectant? What should I do with the container?

ACTIVE INGREDIENTS: Alky (0.1% C14, 30% C16, 5% C12, 5% C18) 10.0%
 Quaternary Ammonium Chloride 30.0%
OTHER INGREDIENTS: 60.0%
TOTAL: 100.0%

CAUTION

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For Disinfection of Healthcare Surfaces: *Staphylococcus aureus*, *Pseudomonas aeruginosa*

To Disinfect Hard, Nonporous Surfaces: Pre-wash surface. Mop or wipe with disinfectant solution. Allow solution to stay wet on surface for at least 10 minutes. Rinse well and air dry.

PRECAUTIONARY STATEMENTS: Hazardous to humans and domestic animals. Wear gloves and eye protection.

CAUSES MODERATE EYE IRRITATION. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Avoid contact with food.

FIRST AID - IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

POISON CONTROL: Call a Poison Control Center (1-800-368-5648) or doctor for treatment advice.

STORAGE AND DISPOSAL: Store this product in a cool, dry area away from direct sunlight and heat. When empty, use inner center cap of lid closed to prevent reclosure loss. Nonrefillable container. Do not reuse or refill this container.

EPA REG. NO. 55555-55-55555

U.S. Department of Health and Human Services
 U.S. Environmental Protection Agency

PROJECT FIRSTLINE

EPA Environmental Protection

WWW.CDC.GOV/PROJECTFIRSTLINE

SUMMARY

- ▶ Ways to take action with Project Firstline
 - ▶ Share Project Firstline's content
 - ▶ Sign up for Project Firstline's newsletter
 - ▶ Access Educational Resources
 - ▶ Host an infection prevention training

The poster features the Project Firstline logo at the top left, which includes a shield with a stethoscope and the text 'PROJECT FIRSTLINE'. Below the logo, the title 'INFECTION CONTROL RESOURCES FOR HEALTHCARE WORKERS' is displayed in white and purple text on a blue background. The central part of the poster is a collage of six images showing healthcare workers in various settings: a nurse washing hands, two nurses in scrubs, a nurse wearing a face shield and mask, a nurse in a yellow gown, two nurses looking at a laptop, and a doctor in a white coat. In the center of the collage, the text 'THE POWER TO STOP INFECTIONS. TOGETHER.' is written in white and orange. At the bottom left of the collage is a QR code, and at the bottom right is a 'LEARN MORE' button with a smartphone icon. The URL 'WWW.CDC.GOV/PROJECTFIRSTLINE' is at the bottom left, and the CDC logo is at the bottom right.

PROJECT FIRSTLINE

INFECTION CONTROL RESOURCES
FOR HEALTHCARE WORKERS

THE POWER TO STOP INFECTIONS.
TOGETHER.

LEARN MORE

WWW.CDC.GOV/PROJECTFIRSTLINE

CDC

PROJECT FIRSTLINE LINKS

- ▶ Project Firstline's main page:

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

- ▶ Project Firstline's 1st Year Accomplishment Report:

- ▶ <https://www.cdc.gov/infectioncontrol/pdf/projectfirstline/Year1-Accomplishments-508.pdf>

- ▶ Social Media handles:

- ▶ Twitter: [@CDCFirstline](https://twitter.com/CDCFirstline)

- ▶ Facebook: [@CDCProjectFirstline](https://www.facebook.com/CDCProjectFirstline)

RESOURCES

- ▶ All slides content (information, images, and videos) are from CDC's Project Firstline:

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

QUESTIONS?



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