

AN INTRODUCTION TO PROJECT FIRSTLINE



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DISCLOSURES

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- I do not intend to discuss an unapproved/investigative use of a commercial product/device in our presentation



HEALTHCARE-ASSOCIATED INFECTIONS & ANTIBIOTIC RESISTANCE

- Many healthcare-associated infections (HAIs) are caused by the most urgent and serious antibiotic-resistant threats
- Without appropriate infection control actions, germs can spread to people from other people or from surfaces
- HAIs are a preventable threat to patient safety
- However, preventing HAIs, including those that are resistant to antibiotics, requires *everyone* in a healthcare facility to be able to recognize
 - the opportunities for germs to spread, and
 - the actions needed to prevent spread



INFECTION CONTROL GAPS IN THE HEALTHCARE WORKFORCE

- The COVID-19 pandemic highlighted long-standing gaps in infection control knowledge and practice in healthcare settings
- These gaps reflect:
 - **disparities in infection control expertise in the current healthcare workforce**
 - **structural gaps in infection control training and education**
 - **lack of understanding in educational approaches for healthcare workers**
 - **framing of infection control as a combination of rules, policies and procedures**



INFECTION CONTROL IS THE...

Actions we take...

Systems we put in place...

Culture of shared responsibility we develop...

...To prevent people from getting infected



INFECTION CONTROL IS THE...



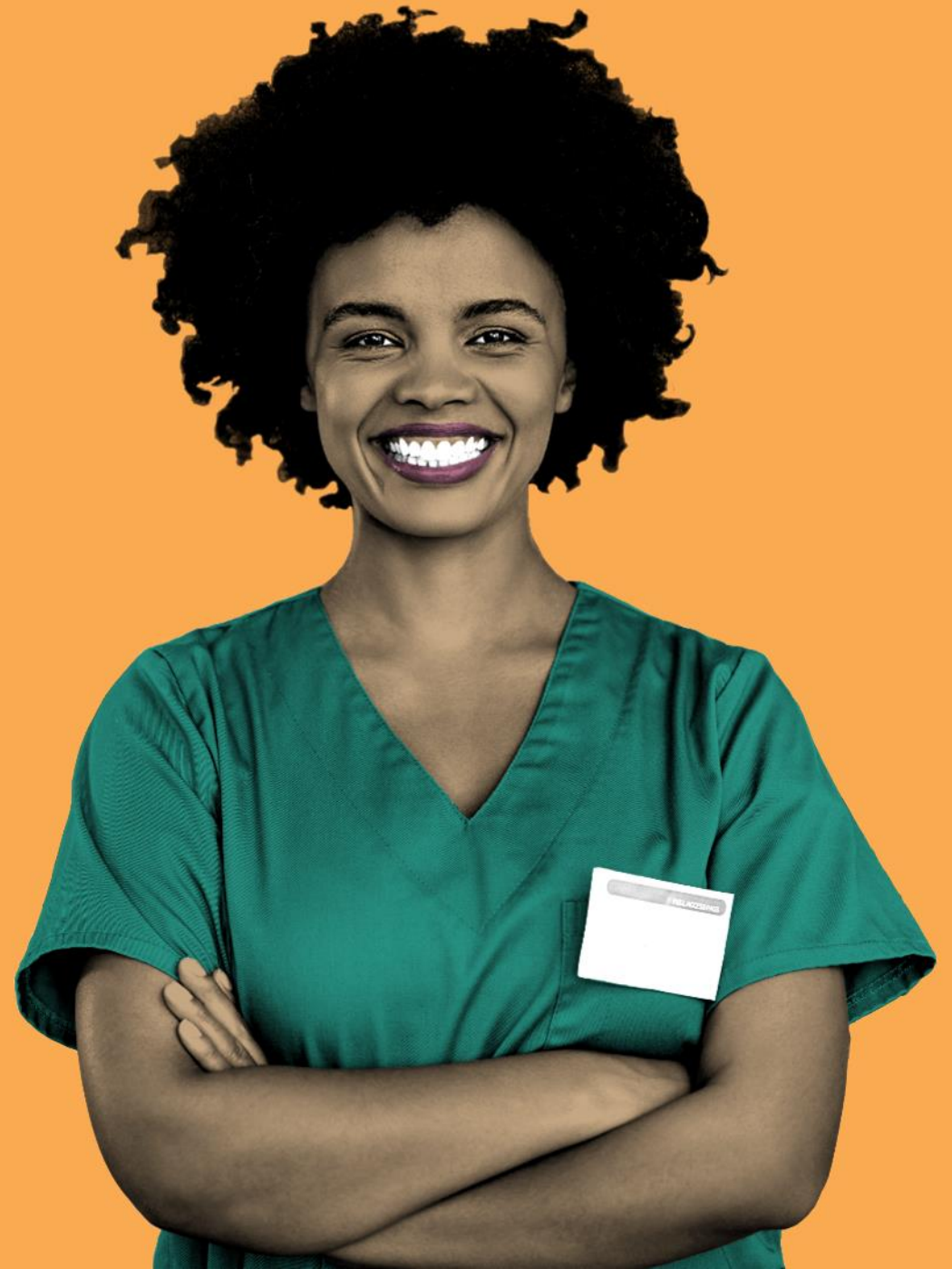
PROJECT FIRSTLINE OVERVIEW

- Launched in FY2020, CDC's Project Firstline is a collaborative of 75+ healthcare, public health and academic partners committed to increasing infection control knowledge and understanding among the healthcare workforce
 - Designed especially for healthcare workers and responsive to the diversity of learning needs and preferences
 - Provides clear and effective infection control resources based on educational best practices, CDC recommendations, and the science that informs them
 - Aims to create a culture of infection control expertise and empowerment for frontline healthcare workers



Clinical/healthcare partners:

- American Health Care Association
- American Medical Association
- American Society of Nephrology
- American Academy of Pediatrics
- American Nurses Association
- Asian Pacific Islander American Health Forum
- American Hospital Association (HRET)
- National Council of Urban Indian Health
- National Hispanic Medical Association



Public Health partners:

- National Association of County and City Health Officials
- National Indian Health Board
- National Network of Public Health Institutes
- 64 health departments supported by CDC's Epidemiology and Laboratory Capacity cooperative agreement



Academic partners:

- Emory University
- Johns Hopkins Applied Physics Lab
- Armstrong Institute for Patient Safety and Quality
- University of Nebraska Medical Center
- University of Washington
- Bellevue/Harvard-MGH
- RTI



PROJECT FIRSTLINE LISTENS TO HEALTHCARE WORKERS

- A **recognition that bandwidth is low** due to Covid-related burnout and trauma
- An appreciation of the **value of every healthcare worker** and the **role they play in infection control**
- Content-framing that taps into **intrinsic work-related motivations**
- And understanding of the **Why** as much as the **What and How**
- **Content tailored to practice** versus classroom- based learning
- **Bite-sized content** tailored for **on-the-go use and integrated into the workday**
- **Reinforcement** that instills confidence in one's own knowledge and application
- Content that leverages **existing knowledge sources**
- Trainings that **meet HCWs various language and literacy levels**



HANDOUTS, SESSIONS PLANS, AND TOOLKIT GUIDES

WHY + HOW

HOW DO I SAFELY USE A MULTI-DOSE VACCINE VIAL?

You vaccinate patients to protect them. Correctly using multi-dose vials keeps your patients safe from germs that can spread from contaminated vials, needles, and syringes.

CHECK THAT YOU ARE USING MULTI-DOSE VACCINE VIALS SAFELY EVERY TIME.

- ✓ Always prepare multi-dose vial injections away from patient care spaces in a clean designated area
- ✓ Clean your hands before touching the vial
- ✓ Check the label to make sure it is a multi-dose vaccine vial
- ✓ Look and see if the vaccine is not expired or "beyond use"
- ✓ Use brand-new, sterile needles and syringes for every vaccine dose
- ✓ Disinfect the top part of the vial (the vial stopper) with an alcohol prep pad—every time you first put a needle in, write the date and time on the label
- ✓ Follow the vaccine maker's instructions for storage
- ✓ Never "pool" doses (combine partial doses from different vials)

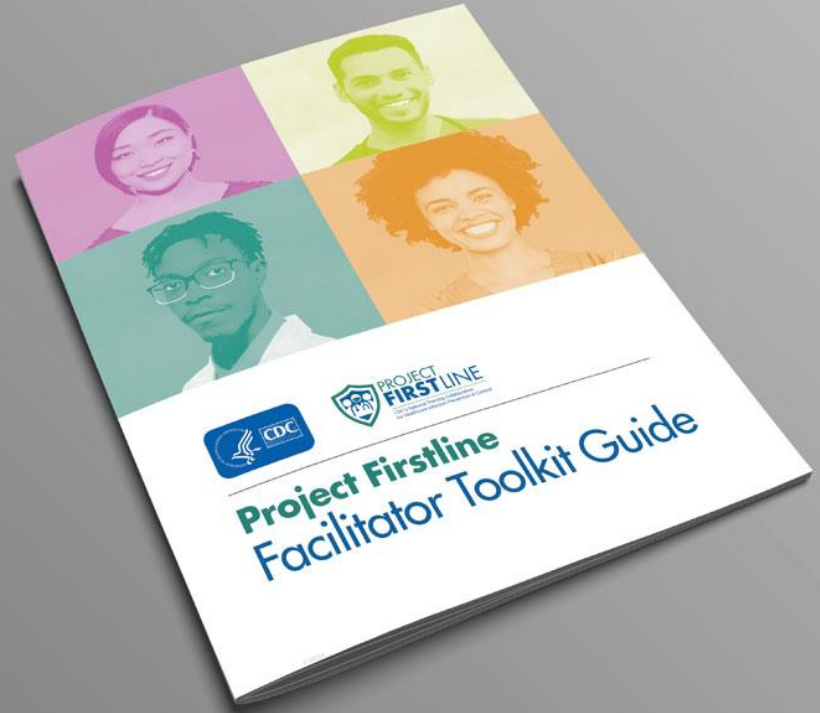
Most droplets are so tiny, you usually can't see them. As a healthcare worker, you can better protect your patients, coworkers, and yourself from COVID-19 when you understand what respiratory droplets are.

Every time you breathe out of your mouth, you don't breathe out just air. You are also breathing out water vapor. SARS-CoV-2, the virus that causes COVID-19, is in the water vapor. The main way that the disease spreads is through the air.



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention


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Project Firstline Facilitator Toolkit Guide



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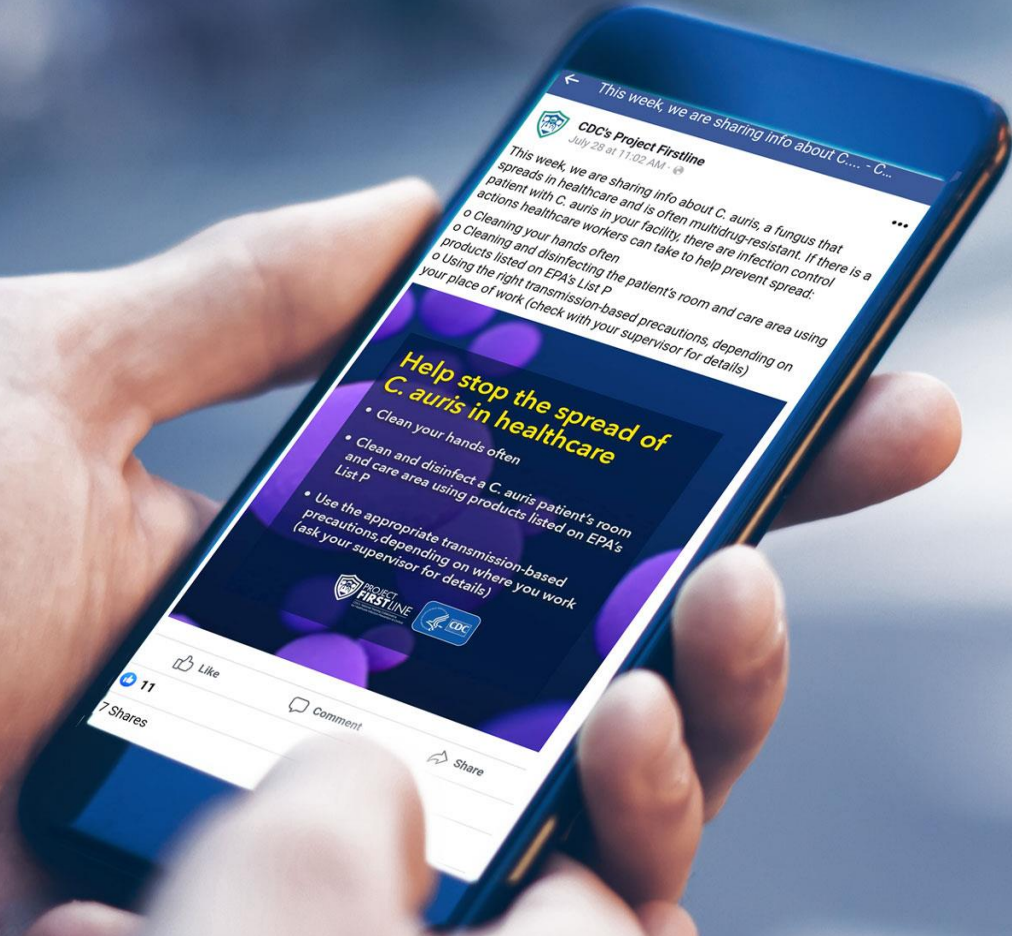
CDC

Facilitator Toolkit Session Plans

Topic Four: How Viruses Spread from Surfaces to People



SOCIAL MEDIA AND GRAPHICS




What you'll learn about in Project Firstline's latest CE module

-  Ventilation
-  Hand Hygiene
-  Source Control

 cdc.gov/ProjectFirstline

ASK PROJECT FIRSTLINE

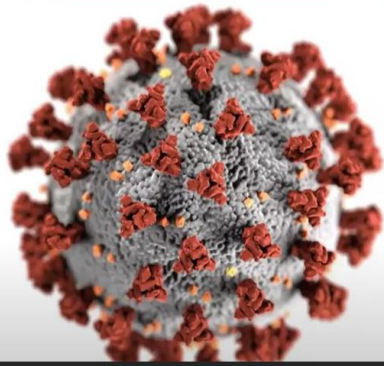




TOWN HALL DISCUSSIONS AND VIRTUAL Q&A

Question

“If I’m fully vaccinated and an exposure happens, what are the guidelines? What about if the exposure is a family member?”



CDC’s Project Firstline TOWN HALL

Friday, 9/17
at 2:15pm EST

Join Project Firstline and CDC experts for a discussion about the recent healthcare infection prevention and control guidance updates.



Questions can be submitted during registration prior to the event.



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Control and Prevention



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CDC Virtual Discussion and Q&A

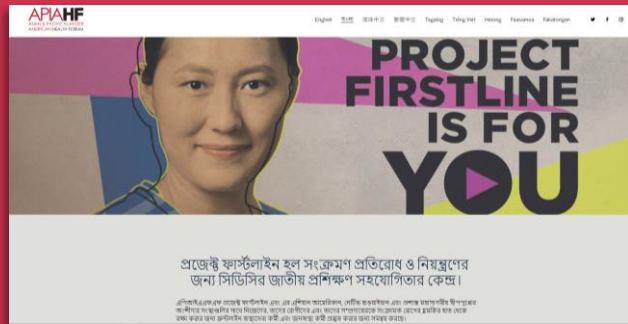
- Learn about what Delta means for infection control
- Ask questions about CDC’s infection control guidance for health care



LIVE



PARTNERSHIPS AND COLLABORATIONS



PROJECT FIRSTLINE BY THE NUMBERS: YEAR 1 ACHIEVEMENTS

140+

CDC Project Firstline
products released

229,000+ views

of *Inside Infection Control*
episodes

1,800+ social media items
shared through CDC,
partners, and ELC recipients

200+ educational
opportunities hosted by
national partners and ELC
recipients

16,000+ participants
engaged through
educational opportunities

94% of participants
reported improved
understanding
&
93% of participants would
recommend*



*Data for national partner-led trainings only

CONSIDERATIONS FOR FUTURE PROJECT FIRSTLINE ACTIVITIES WITH SUSTAINABLE FUNDING

- Further expand Project Firstlines's audience to reach all segments of the healthcare workforce with innovative and educational HAI/AR products, in order to support:
 - Understanding of infection control fundamentals for HAI/AR threats,
 - Critically thinking about infection control risks and implement practices, and
 - Empowerment to advocate for infection control for every patient, every interaction, every day
- Collaborate with healthcare facilities and systems to implement effective HAI/AR infection control training and education programs for their workforces based on education best practices, human-centered design and healthcare equity principles
- Build capacity of public health to communicate effectively on HAI/AR threats
- Integrate infection control and AR prevention into formal educational curricula for all health professions so that healthcare workers have the infection control knowledge they need from day one



PROJECT FIRSTLINE ON CDC:

[HTTPS://WWW.CDC.GOV/PROJECTFIRSTLINE](https://www.cdc.gov/projectfirstline)

PROJECT FIRSTLINE ON FACEBOOK:

[HTTPS://WWW.FACEBOOK.COM/CDCPROJECTFIRSTLINE/](https://www.facebook.com/cdcprojectfirstline/)

TWITTER:

[HTTPS://TWITTER.COM/CDC_FIRSTLINE](https://twitter.com/cdc_firstline)

YOUTUBE PLAYLIST:

[HTTPS://WWW.YOUTUBE.COM/PLAYLIST?LIST=PLVRP9IOILTQZQGTDNSDGVIKDDRTIC13VX](https://www.youtube.com/playlist?list=PLVRP9IOILTQZQGTDNSDGVIKDDRTIC13VX)

TO SIGN UP FOR PROJECT FIRSTLINE E-MAILS, CLICK HERE:

[HTTPS://TOOLS.CDC.GOV/CAMPAIGNPROXYSERVICE/SUBSCRIPTIONS.ASPX?TOPIC_ID=USCDC_2104](https://tools.cdc.gov/campaignproxyservice/subscriptions.aspx?topic_id=USCDC_2104)

