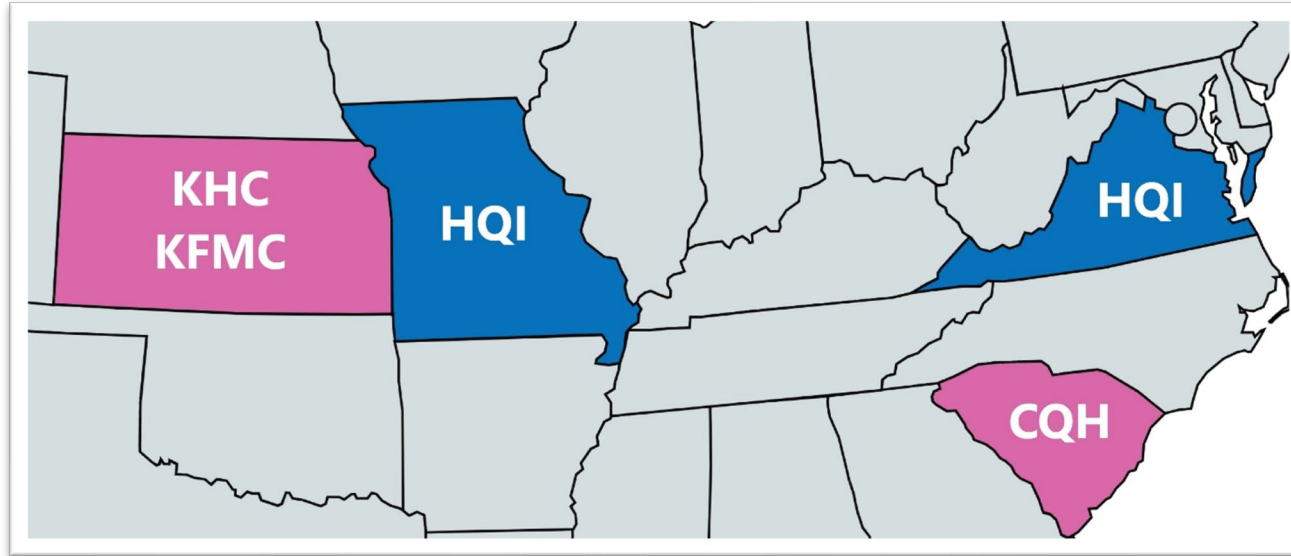




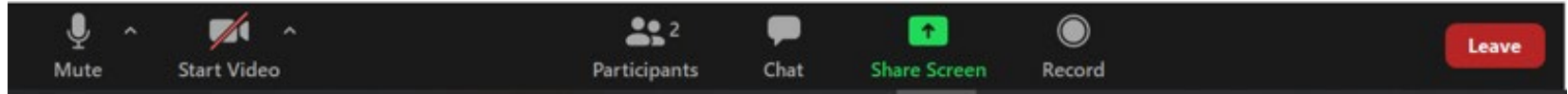
Health Quality Innovation Network



# Health Quality Innovation Network



# Logistics – Zoom Meeting



To ask questions, click on the **Chat** icon.

**Raise your hand** if you want to verbally ask a question.

Resources from today's session will be posted in **Chat**.

You may adjust your audio by clicking the caret next to the **Mute** icon.

# Today's Presenters



Julie Richards has worked in infection control since 2013. She has been an RN for more than 28 years and holds CIC certification and Fellow designation with APIC. She is a published author and has shared her expertise at local and national events. She has served on the Greater KC APIC Board for more than seven years, including as president in 2020. She has contributed to the National APIC Public Policy Committee and was awarded the APIC Leaders Award in 2019.



DeAnn Richards has worked in infection prevention and occupational health for more than 30 years. She is certified in infection control, long-term care infection control, healthcare quality, and patient safety. While she began her healthcare career in long-term care, DeAnn has worked in multiple settings. She has held WI chapter leader positions, is a past APIC membership engagement chair and is an APIC faculty member.

# Infection Prevention and Control Office Hours

## Respiratory Virus Season and the Connection to the Environment of Care

Presented by: Julie M. Richards, MSN, RN, CIC, FAPIC  
October 16, 2024



# Objectives

- Discuss the role of the environment in the transmission of respiratory pathogens
- Explore environmental changes that effectively decrease respiratory pathogen transmission
- Ask questions of the subject matter experts to clarify individual and facility understanding of best practices



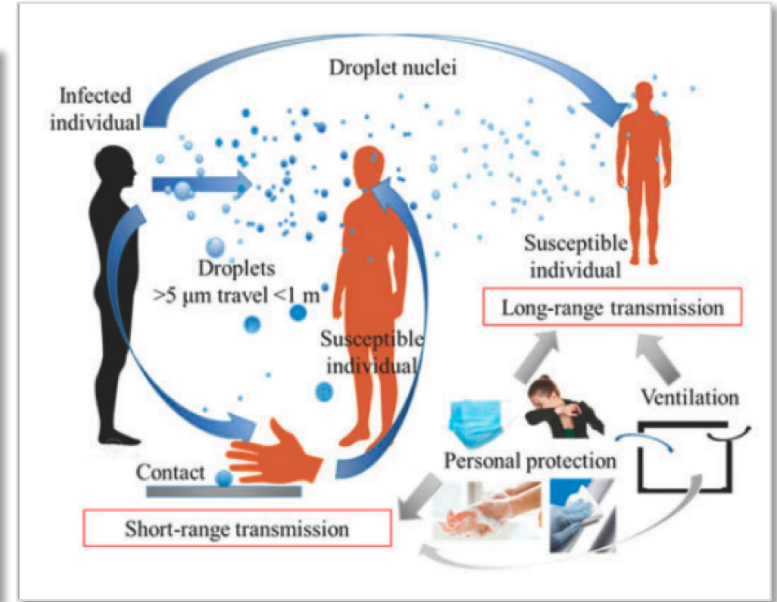
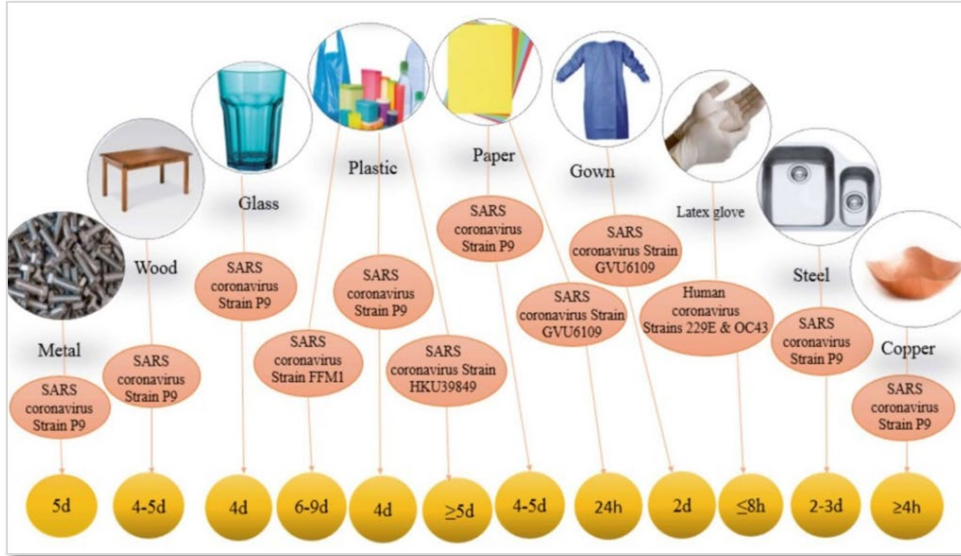
# Polling Question

How do you educate visitors on respiratory virus season and guidance at your facility?

- A. Website
- B. Social Media
- C. Signage at facility
- D. Mailings
- E. Combination of the above
- F. None of the above



# Respiratory Virus Spread in the Environment



Modes of Transmission of Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2) and Factors Influencing on the Airborne Transmission: A Review



# Cleaning and Disinfecting

- Require routine and targeted cleaning of environmental surfaces
- Select EPA-registered disinfectants that have microbiocidal activity against the pathogens most likely to contaminate the resident-care environment
- Follow manufacturer's instructions for use (IFU) for proper use of products (e.g., dilution, contact time, material compatibility, storage, shelf-life, safe use, disposal).



# How to Read a Disinfectant Label

## 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?

**Active Ingredients:**  
Alky (80% C14, 20% C18, 5% C12, 5% C18) 10.0%  
Dimethyl Benzyl Ammonium Chloride 90.0%  
**TOTAL:** 100.0%

**EPA REG. NO.:** 55555-55-55555

**CAUTION**

**Directions for Use**  
**INSTRUCTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**For Disinfection of Healthcare Organisms:** 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 foods.  
**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 (1-800-368-5048) or doctor for treatment advice.  
**STORAGE AND DISPOSAL:** Store this product in a cool, dry area away from direct sunlight and heat. When not in use keep center cap of lid closed to prevent moisture loss. Nonrefillable container. Do not reuse or refill this container.

**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?

EXP. MA. CD. YYYY  
WWW.CDC.GOV/PROJECTFIRSTLINE

- ✓ Verify cleaners and disinfectants
- ✓ Educate on the cleaners and disinfectants
- ✓ Survey/audit the use
- ✓ Communicate with supply chain
- ✓ Perform Just In Time Training
- ✓ Ask questions of staff

Training and Educational Materials | Project Firstline | CDC

# Air Handling (Ventilation)



Air changes



Wait time



Ask



Vent access

# Physical Distancing Planning

## Limit group activities and communal dining

- Consider limiting communal areas where residents or HCPs might congregate across multiple units or facilities

## Consider indoor visitation policy modifications

- Visitors should be counseled about their potential exposure to respiratory infection in the facility
- Visits ideally should occur in the resident's room
- Visitors should not linger in the facility or engage with other residents.

# Respiratory Viral Testing Area

Determine the best location to evaluate and test symptomatic residents and HCPs

- Safe and clean area with a door
- Increased ventilation
- Proper storage of supplies per the IFU
- Storage of PPE
- Room for HCP to don and doff PPE safely
- Hand hygiene availability
- Specimen handling and labeling standing operating procedures



# Plan Resident Placement

- Symptomatic residents are placed into Transmission-Based Precautions based on the suspected pathogen
- Limited quarantine to impacted units (e.g., avoid new admission, restricting group activities or communal dining with residents from other units)
- Establish cohort units with confirmed infections
  - Dedicate HCP
  - Minimize HCP movement to unaffected units/wings



# Knowledge Check

What should you do?

You are performing IPC rounds and notice a few bottles of Fabuloso in the environmental services chemical closet. You read the label and question whether cleaning and disinfecting the facility with this is appropriate. What should you do?

# Resources

- [Project Firstline: How to Read a Disinfectant Label | CDC](#)
- [Project Firstline: Ventilation in Healthcare Settings | CDC](#)
- [Checklist of Best Practices to Keep Infectious Diseases from Spreading in Nursing Homes | HQIN](#)
- [Cohorting Plan Guidelines | HQIN](#)
- [Cohorting Guidance | HQIN](#)
- [Cleaning, Disinfection, Environment of Care Slides and Recording | HQIN](#)
- [Reminder: Infection Control Actions to Take During Respiratory Virus Season | CDC](#)
- [Infection Control Guidance: Respiratory Viruses | CDC](#)
- [Respiratory Illnesses: Respiratory Virus Guidance | CDC](#)
- [Infection Control: Preventing Transmission of Viral Respiratory Pathogens in Healthcare Settings | CDC](#)
- [Long-term Care Facilities: Viral Respiratory Pathogens Toolkit for Nursing Homes | CDC](#)
- [Modes of Transmission of Severe Acute Respiratory Syndrome-Coronavirus-2 \(SARS-CoV-2\) and Factors Influencing on the Airborne Transmission. A Review.](#)



# Office Hours Q&A

To ask questions, click on the **Chat** icon.

**Raise your hand** if you would like to ask a question verbally.



Next Office Hours: **October 23, 2024**  
Environmental Services Effective Respiratory Pathogen  
Cleaning and Disinfection

**Registration link:**

[https://apic.zoom.us/meeting/register/tZUocuyspzspEtwir5u1wf\\_X5lnLZzk2bCHV](https://apic.zoom.us/meeting/register/tZUocuyspzspEtwir5u1wf_X5lnLZzk2bCHV)

**Today's Office Hours Evaluation link:**

[https://apic.qualtrics.com/jfe/form/SV\\_eVQ1HskHMrSef8G](https://apic.qualtrics.com/jfe/form/SV_eVQ1HskHMrSef8G)

# CONNECT WITH US

Call 877.731.4746 or visit [www.hqin.org](http://www.hqin.org)



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# FOR MORE INFORMATION

Call 877.731.4746 or visit [www.hqin.org](http://www.hqin.org)

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