

# WELCOME

## All Names in Chat

Please type the name(s) of everyone at your facility in the attendance in the chat.

- This helps us know and track your facilities attendance for payment

## Mute

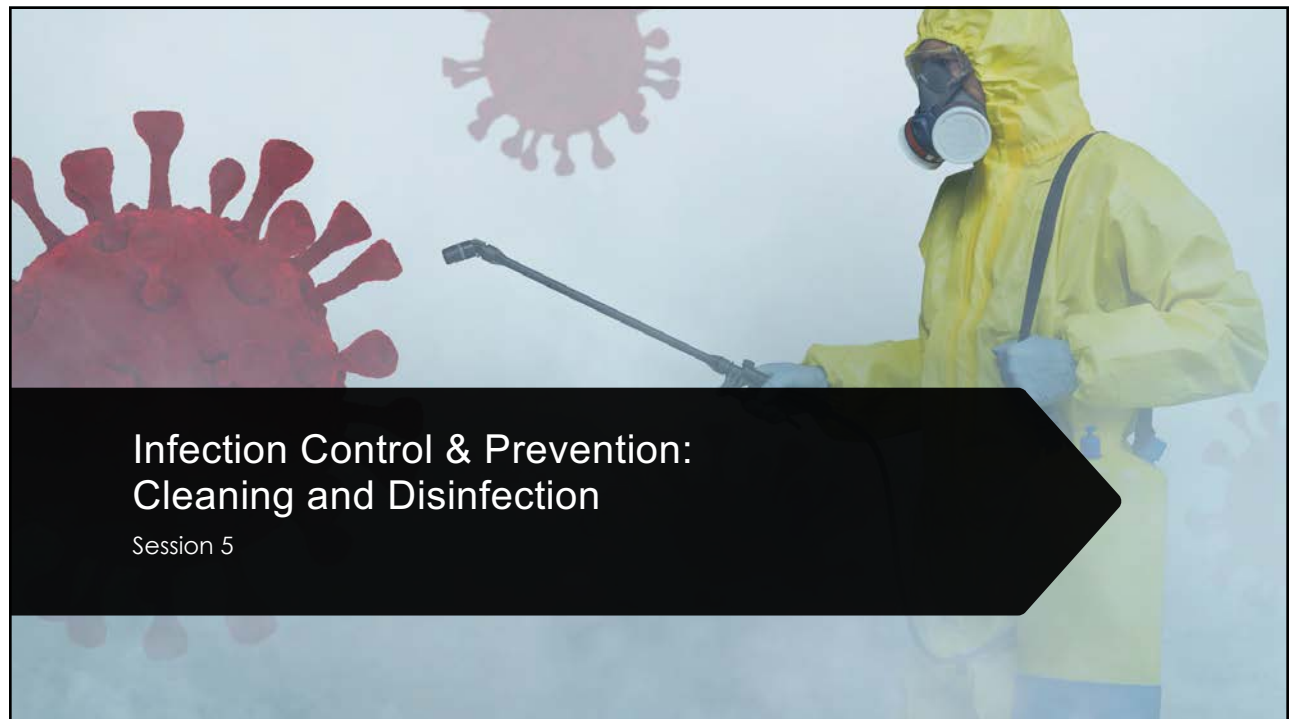
Please remember to mute your audio when you're not speaking.

## Cameras

As part of participation in this ECHO session, we ask that you have your cameras turned on in order to build a more engaging community of practice.



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## Infection Control & Prevention: Cleaning and Disinfection

Session 5

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**COVID-19:** It is all about VIRAL LOAD....  
 Aerosols • Airborne Droplet Fomite

Pathogen	Estimated Surface Survival
C. Diff	>5 months!!
Hep B	>1 week
SARS-CoV2	Hours-days*
Influenza	24-48 hours

\*in lab

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## Cleaning Versus Disinfecting

▪ **CLEANING**

*Removing any foreign material—dirt, blood, bodily fluids or other organic matter*



▪ **DISINFECTING**

*Elimination or destruction of microbial life—virus, fungus, bacteria.*

Proper *DISINFECTION* relies on proper *CLEANING*

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## FIRST, THINGS FIRST!

- Policies and Procedures
- Products
- People:
  - PPE
  - Product Choice and Preparation
  - Supplies and Equipment
  - Performing Cleaning and Disinfecting



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## 1 Min. Video Clip

### Policies and Procedures

- Housekeeping Policies and Procedures will provide direction to staff for:
  - Horizontal Surfaces
  - Carpeted Surfaces
  - Other Surfaces (i.e. doorknobs, handrails, etc.)
  - Terminal Cleaning
  - Schedules
  - Cleaning Tools
  - Trash removal
  - Handwashing facilities
  - Isolation Rooms
  - Chemical handling
  - Safety
  - Medical Equipment Cleaning



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## Assignments

- Dedicated staff or strategic hierarchy of cleaning
- Housekeeping vs. Nursing
- Assignment List
  - Equipment
  - Resident Rooms
  - High touch areas
  - Common Use Areas
  - Break Rooms



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## Use of Chemicals

- EPA List N against COVID-19
- Do you know how to use?
- Do you know how to dilute?
- Are you labeling correctly?
- Can the disinfectant be used on ALL surfaces/items?
- Are you aware of safety with disinfectant use?
- Cleaning and disinfecting solutions should not be mixed
- Must follow manufacturer's recommendations for equipment



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## PPE for Cleaning and Disinfection

- Maintain adequate supply of necessary PPE
- Hand Hygiene first and last!!
- Education, Signage, System for communicating changes
- Culture of Safety



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## 6 Steps for Safe & Effective Disinfectant Use



**Step 1: Check that your product is EPA-approved**  
Find the EPA registration number on the product. Then, check to see if it is on EPA's list of approved disinfectants at [epa.gov/157n](https://www.epa.gov/157n)



**Step 2: Read the directions**  
Follow the product's directions. Check "use sites" and "surface types" to see where you can use the product. Read the "precautionary statements."



**Step 3: Pre-clean the surface**  
Make sure to wash the surface with soap and water if the directions mention pre-cleaning or if the surface is visibly dirty.



**Step 4: Follow the contact time**  
You can find the contact time in the directions. The surface should remain wet the whole time to ensure the product is effective.



**Step 5: Wear gloves and wash your hands**  
For disposable gloves, discard them after each cleaning. For reusable gloves, dedicate a pair to disinfecting COVID-19. Wash your hands after removing the gloves.



**Step 6: Lock it up**  
Keep lids tightly closed and store out of reach of children.



[coronavirus.gov](https://www.coronavirus.gov)

# 6 Steps for Safe & Effective Disinfectant Use

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

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## Resident Room Surfaces

Strategies for Cleaning AND Disinfection:



- Start with the surfaces that are the cleanest
- Top to bottom approach
- Cleaning cloths should only be used in one room
- Never put soiled cleaning cloth back into a cleaning bucket
- Mop heads should be changed after each room
- Use caution to prevent gown from touching resident care items

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## Management of Environment

- Increase the frequency of routine environmental cleaning including bathrooms and around the resident's living space
- Particular attention should be given to cleaning objects that are frequently touched such as:
  - Faucets,
  - Door handles
  - Phones
  - Light switches
  - Bed side tables
  - Toilets
  - Sink areas



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## Other Cleaning and Disinfection

- Dining/Common areas
  - Don't Forget...
    - Under table
    - Chairs
- Activity Equipment and Supplies
- Nursing Stations and Office
  - Keyboards
  - Pens, common items



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# Advanced Cleaning



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# Audit Tool

Infection Prevention and Control Manual  
Interim Cleaning and Disinfection Audit  
COVID-19 Pandemic

## Cleaning and Disinfection Audit - COVID-19 Audit

FOCUS AREA	YES	NO	COMMENTS
<b>Personnel (residents, staff, visitors)</b>			
1. Prepares appropriate to be used in cleaning and disinfection resident rooms (using product use)			
2. Prepares hand hygiene			
<b>Domestic Personal Protective Equipment</b>			
1. All recommended PPE is gathered prior to entering the room (Gloves, gowns, face protection, goggles or mask)			
2. Gown is donned first and last in order and used			
3. Goggles mask or face shield			
4. Goggles mask or face shield			
5. Secures straps, bands or ties securely			
6. Seals or ties the strap to face and neck area			
7. Goggles or face shield is donned			
8. Gowns extend to cover wrist of isolator			
<b>Resident Room</b>			
1. Roomsterling. Cart does not enter the resident room			
2. Unfinished items should be securely stored			
3. Visitors cleaning and disinfection at 8pm hours area			
4. Disinfectant			
5. Handrails			
6. Staff tables			
7. Call buttons			
8. Call light cords			
9. Soap dispensers			
10. Telephones			
11. Remote controls			
12. Wheelchairs			
13. Walkers			
14. Bedside tables			
15. Light switches			

## Infection Prevention and Control Manual Interim Cleaning and Disinfection Audit COVID-19 Pandemic

6. Other surfaces near resident bed/chair			
7. Cleans and disinfect bathroom			
8. Mops floor			
9. Performs cleaning and disinfection from cleanest surfaces to dirtiest surfaces			
10. If surfaces are visibly soiled, clean first then disinfect			
11. Cleans areas that are not re-contaminated			
12. Cleaning cloths and solutions are used for only one room			
13. Cleaning cloths do not soak in dirty cleaning solution			
14. Mop head is laundered after each use			
<b>Removal of Personal Protective Equipment</b>			
<b>Gloves</b>			
1. Grabs outside of glove with opposite gloved hand and peels off			
2. Holds removed glove in gloved hand			
3. Moves fingers of ungloved hand under remaining glove at wrist			
4. Peels glove off over first glove			
5. Discards gloves in waste container			
<b>Gown</b>			
1. Unfastens ties			
2. Pulls away from neck and shoulders, separating inside of gown only			
3. Turns gown inside out			
4. Folds or rolls into a bundle and discards in waste receptacle			
5. Reusable cloth gowns			
6. Places in sealed laundry receptacle			
<b>Exit Room after Glove/Gown Removal</b>			
<b>Perform Hand Hygiene</b>			
<b>Goggles/Face Shield</b>			
1. Removes goggles/face shield using care to pull away from face not to touch front of shield or goggles			
<b>Mask or Respirator</b>			
1. Grabs bottom, from top ties or straps and unties			
2. Does not touch the front of the mask or respirator (non-contaminated)			
3. Disposes of properly			

## Infection Prevention and Control Manual Interim Cleaning and Disinfection Audit COVID-19 Pandemic

9. The employee used the proper technique and order to don and remove PPE			
10. PPE was removed in disposal or storage			
<b>Medical Equipment</b>			
1. Cleaning and disinfection of medical equipment is performed following manufacturer's instructions and use of EPA List N Disinfectant			
<b>Comments</b>			

Employee \_\_\_\_\_ Date \_\_\_\_\_  
Evaluator \_\_\_\_\_ Date \_\_\_\_\_

### References and Resources:

- Centers for Disease Control and Prevention. *Guidance for COVID-19: Preparing for COVID-19 in Nursing Homes*. June 25, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/nursing-homes.html>
- Centers for Disease Control and Prevention. *Checklist of Questions about COVID-19: Questions and Answers*. August 4, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/faq.html>
- Centers for Disease Control and Prevention. *Interim Final Rule Updating Requirements for Notification of Confirmed and Suspected COVID-19 Cases Among Residents and Staff in Nursing Homes*. (CMS-10-25, May 2, 2020). <https://www.federalregister.gov/documents/2020/05/02/2020-09133/interim-final-rule-updating-requirements-for-notification-of-confirmed-and-suspected-covid-19-cases-among-residents-and-staff-in-nursing-homes>
- Centers for Medicare and Medicaid Services. *CMS-10-14-NM: Guidance for Infection Control and Prevention of Coronavirus Disease 2019 (COVID-19) in Nursing Homes (RFE-1020)*. March 19, 2020. <https://www.cms.gov/Regulatory-and-Policy-Development-Statutory-Work/Regulations-and-Rulemaking/2020-03-19-14-nm>
- Centers for Medicare and Medicaid Services. *Interim Final Rule Updating Requirements for Notification of Confirmed and Suspected COVID-19 Cases Among Residents and Staff in Nursing Homes*. (CMS-10-25, May 2, 2020). <https://www.federalregister.gov/documents/2020/05/02/2020-09133/interim-final-rule-updating-requirements-for-notification-of-confirmed-and-suspected-covid-19-cases-among-residents-and-staff-in-nursing-homes>
- United States Environmental Protection Agency (EPA). *Pesticide Registration List N: Disinfectants for Use Against SARS-CoV-2*. <https://www.epa.gov/pesticide-registration/list-n-disinfectants-for-use-against-sars-cov-2>

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## References and Resources

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- Centers for Disease Control and Prevention. Coronavirus (COVID-19): <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- Centers for Disease Control and Prevention. Using Personal Protective Equipment (PPE): <https://www.cdc.gov/coronavirus/2019-ncov/hcp/using-ppe.html>
- Centers for Disease Control and Prevention. Strategies to Optimize the Supply of PPE and Equipment: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/index.html>
- Centers for Disease Control and Prevention: Cleaning: <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/cleaning.html>
- Centers for Disease Control and Prevention: Guideline for Disinfection and Sterilization in Healthcare Facilities: <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/introduction.html>
- Centers for Disease Control and Prevention: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/nursing-long-term-care.html>

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## References and Resources

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- Centers for Disease Control and Prevention. Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 (COVID-19) Pandemic. July 15, 2020: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html>
- United States Environmental Protection Agency. Selected EPA-Registered Disinfectants: <https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants>

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