

Ask an IP

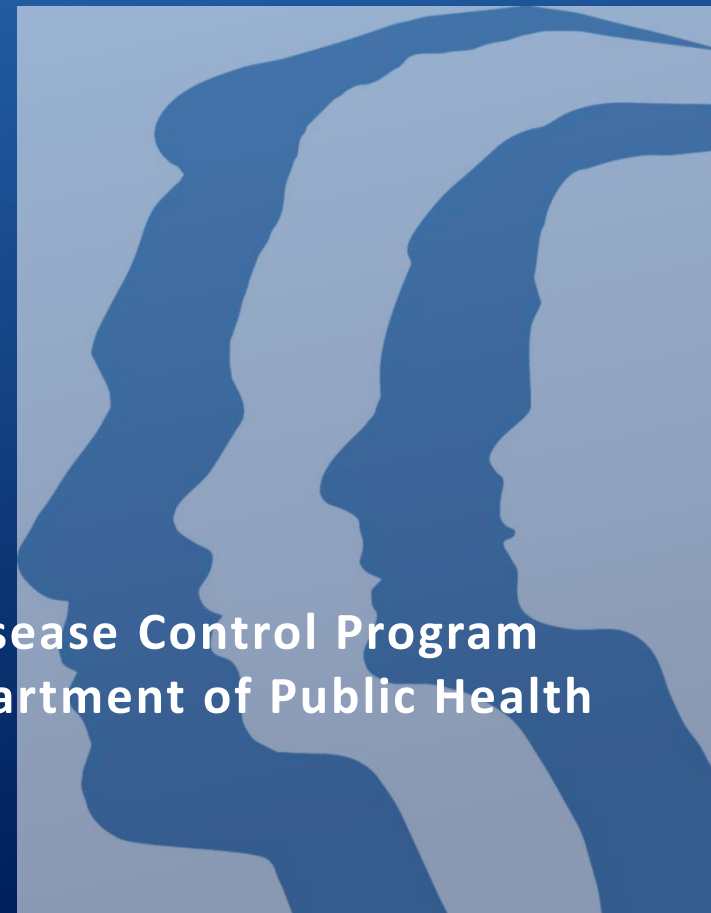
Learning and Communication Series

Week 7– Environmental Cleaning in Skilled Nursing Facilities

Wednesday April 20, 2022



Acute Communicable Disease Control Program
Los Angeles County Department of Public Health





Disclosures

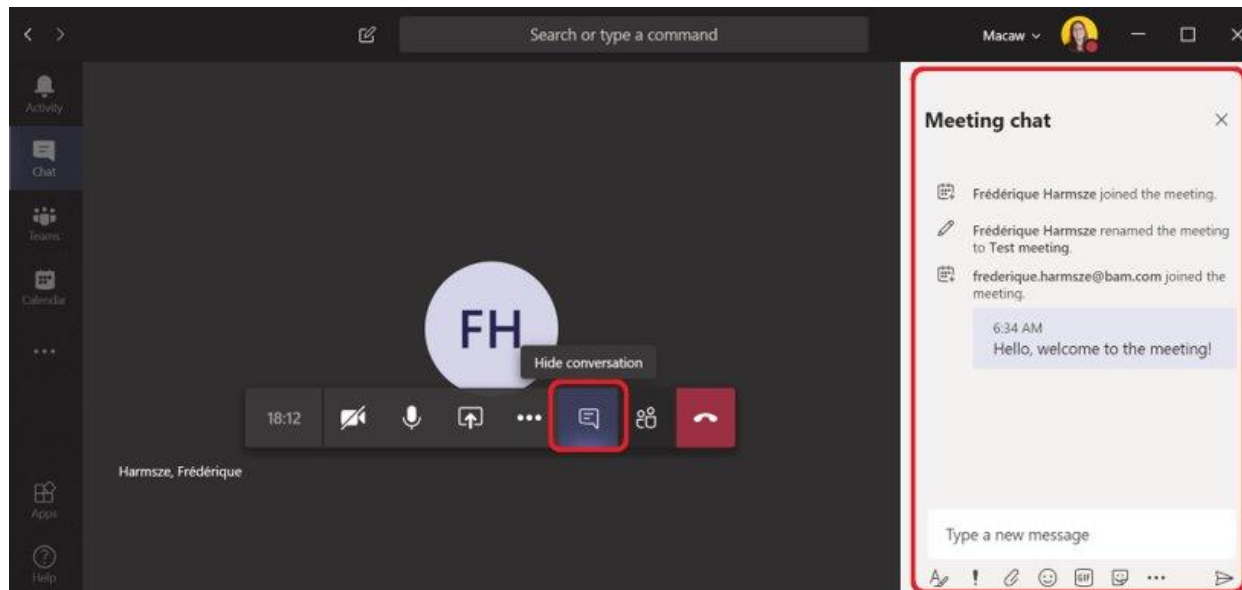
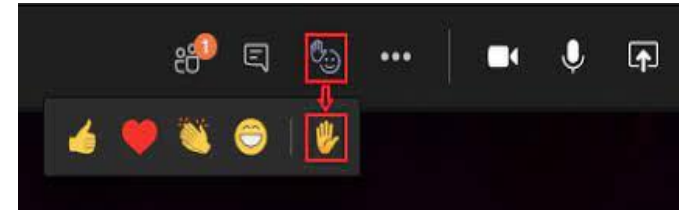
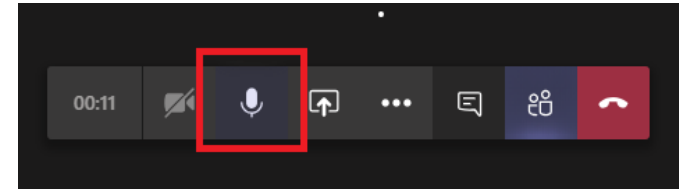
There is no commercial support for today's call

Neither the speakers nor planners for today's call have disclosed any financial interests related to the content of the meeting

This call is meant for healthcare facilities and is off the record and reporters should log off now

Housekeeping

- How to Mute/Unmute (Ctrl+ Shift+ M):
 - Press the Mute button on your phone if dialing in
- How to Raise Hand:
- How to use Chat:





Reminder

The purpose of this Learning and Communication Series is to **review core infection prevention practices** (beyond COVID-19) that must be used in all care settings, and to **foster discussion** among LA County Skilled Nursing Facilities about infection control practices.

We would like to remind everyone that the LAC DPH SNF COVID-19 Guidance has been updated as of 3/31/2022. Please take time to review this updated information. We will not be reviewing COVID-19 guidelines (including CDPH AFLs) during these sessions.

Link to Guidelines:

<http://publichealth.lacounty.gov/acd/ncorona2019/healthfacilities/snf/prevention/>



Infection Prevention Team

Jehan Mephors, RN, BSN

Walteena Brooks, LVN

Rachel Gibbs, RN, BSN

Marco Marquez, MPH, CIC

Krystal Smith, MSc, CIC

Praveena Mallam, PA

Contact Us: LACSNF@ph.lacounty.gov

Slides: <http://publichealth.lacounty.gov/acd/infectionpreventionseries.htm>

Objectives

- Review basic **principles** of cleaning and disinfection
- Understand **best practices** for cleaning the resident environment – real life examples
- Discuss **strategies** to ensure effectiveness of cleaning and disinfection
- Describe methods to **monitor and improve** cleaning and disinfection
- Foster discussion among LA County Skilled Nursing Facilities about infection control practices



Basic Principles of Cleaning

- ❑ **Clean** - The physical removal of debris (dust, soil, bodily fluid) using friction, water, and detergent.
- Cleaning should always start from the least soiled areas (cleanest) first to the most soiled areas (dirtiest) and from higher levels to lower levels.
- Detergent and/or disinfectant solutions must be discarded after each use



Basic Principles of Disinfection



- ❑ **Disinfect** - The process of killing germs (microorganism that can cause illness or disease).
- Disinfectants are added to water to kill disease-causing microorganisms on surfaces and objects.
 - Common disinfectants are bleach and alcohol solutions.
 - Use of five main EPA-registered chemicals that hospitals use. (Quaternary Ammonium, Hypochlorite, Accelerated Hydrogen Peroxide, Phenolics, and Peracetic Acid)

Best Practices in Cleaning Resident Environment

- ❑ Dust surfaces at shoulder height and above



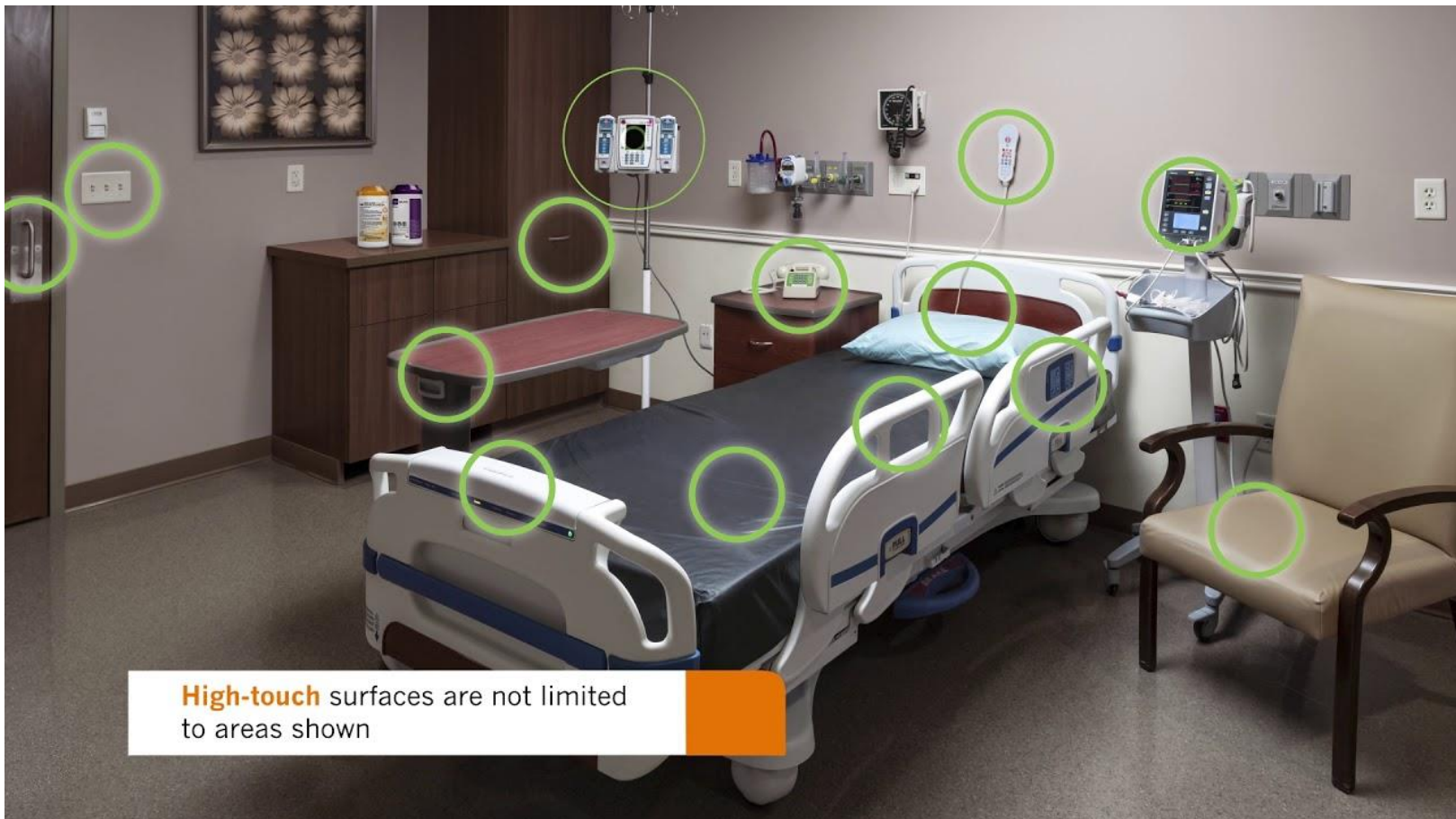
Best Practices in Cleaning Resident Environment

- ❑ Disinfect bed – cleaning top to bottom



Best Practices in Cleaning Resident Environment

- ❑ Disinfect room – wiping “High-Touch” surfaces



Best Practices in Cleaning Resident Environment

- Disinfect bathroom – cleaning and wiping down all areas





6 Steps for Safe and 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.

List N was last updated on April 2, 2020.

Search:

Show 25 entries

List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2

EPA Registration Number	Active Ingredient(s)	Product Name	Company	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)	Formulation Type	Surface Types for Use	Use Site	Emerging Viral Pathogen Claim?	Date Added to List N
84683-3	Thymol	Benefact Botanical Daily Cleaner Disinfectant Spray	Cleanwell LLC	Rhinovirus	10	RTU	Hard nonporous	Healthcare; Institutional; Residential	Yes	04/02/2020
88897-2	Quaternary ammonium; Isopropanol; Ethanol	Panther Disinfectant	Maxill Inc	Adenovirus; Feline calicivirus	3	RTU	Hard nonporous	Healthcare; Institutional	Yes	04/02/2020
42048-4	L-Lactic Acid	Sani-Cide EX3 (10X) RTU	Celeste Industries Corp	Feline calicivirus	10	RTU	Hard nonporous	Institutional	Yes	04/02/2020
66171-7	Quaternary ammonium; Glutaraldehyde	Synergize	Preserve International	Feline calicivirus	10	Dilutable	Hard nonporous	Institutional	Yes	04/02/2020
85837-4	Hydrogen peroxide	Proxi Home General Disinfectant Cleaner Spray	Innovasource LLC	Rhinovirus	10	RTU	Hard nonporous	Healthcare; Institutional; Residential	Yes	04/02/2020
498-179	Quaternary ammonium; Ethanol	Champion Sprayon Spray Disinfectant Formula 3	Chase Products Co	Rhinovirus	10	RTU	Hard nonporous	Healthcare; Institutional; Residential	Yes	04/02/2020
1839-236	Quaternary ammonium	SC-5:128N	Stepan Company	Rotavirus	5	Dilutable	Hard nonporous	Healthcare; Institutional;	Yes	04/02/2020

6 Steps for Safe and Effective Disinfectant Use

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 statement."



6 Steps for Safe and Effective Disinfectant Use

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.



6 Steps for Safe and Effective Disinfectant Use

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.



6 Steps for Safe and Effective Disinfectant Use

Step 5: Wash your hands before and after wearing Personal Protective Equipment (PPE) –PPE’s must be discarded after each cleaning.

Your 5 Moments for Hand Hygiene

1 BEFORE TOUCHING A PATIENT	WHEN? Clean your hands before touching a patient when approaching their room. WHY? To protect the patient against harmful germs carried on your hands.
2 BEFORE CLEAN/ASEPTIC PROCEDURE	WHEN? Clean your hands immediately before performing a clean/aseptic procedure. WHY? To protect the patient against harmful germs, including the patient's own, from entering their body.
3 AFTER BODY FLUID EXPOSURE RISK	WHEN? Clean your hands immediately after an exposure risk to body fluids and after glove removal. WHY? To protect yourself and the health-care environment from harmful patient germs.
4 AFTER TOUCHING A PATIENT	WHEN? Clean your hands after touching a patient and their immediate surroundings, when leaving the patient's side. WHY? To protect yourself and the health-care environment from harmful patient germs.
5 AFTER TOUCHING PATIENT SURROUNDINGS	WHEN? Clean your hands after touching any object or surface in the patient's immediate surroundings, when leaving – even if the patient has not been touched. WHY? To protect yourself and the health-care environment from harmful patient germs.

World Health Organization Patient Safety **SAVE LIVES**
Clean Your Hands

SEQUENCE FOR PUTTING ON PERSONAL PROTECTIVE EQUIPMENT (PPE)

The type of PPE used will vary based on the level of precautions required, such as standard and contact, droplet or airborne infection isolation precautions. The procedure for putting on and removing PPE should be tailored to the specific type of PPE.

- 1. GOWN**
 - Fully cover torso from neck to knees, arms to end of wrists, and wrap around the back
 - Fasten in back of neck and waist
- 2. MASK OR RESPIRATOR**
 - Secure ties or elastic bands at middle of head and neck
 - Fit flexible band to nose bridge
 - Fit snug to face and below chin
 - Fit-check respirator
- 3. GOGGLES OR FACE SHIELD**
 - Place over face and eyes and adjust to fit
- 4. GLOVES**
 - Extend to cover wrist of isolation gown

USE SAFE WORK PRACTICES TO PROTECT YOURSELF AND LIMIT THE SPREAD OF CONTAMINATION

- Keep hands away from face
- Limit surfaces touched
- Change gloves when torn or heavily contaminated
- Perform hand hygiene

HOW TO SAFELY REMOVE PERSONAL PROTECTIVE EQUIPMENT (PPE) EXAMPLE 2

Here is another way to safely remove PPE without contaminating your clothing, skin, or mucous membranes with potentially infectious materials. **Remove all PPE before exiting the patient room** except a respirator, if worn. Remove the respirator after leaving the patient room and closing the door. Remove PPE in the following sequence:

- 1. GOWN AND GLOVES**
 - Gown front and sleeves and the outside of gloves are contaminated!
 - If your hands get contaminated during gown or glove removal, immediately wash your hands or use an alcohol-based hand sanitizer
 - Grasp the gown in the front and pull away from your body so that the ties break, touching outside of gown only with gloved hands
 - While removing the gown, fold or roll the gown inside-out into a bundle
 - As you are removing the gown, peel off your gloves at the same time, only touching the inside of the gloves and gown with your bare hands. Place the gown and gloves into a waste container
- 2. GOGGLES OR FACE SHIELD**
 - Outside of goggles or face shield are contaminated!
 - If your hands get contaminated during goggle or face shield removal, immediately wash your hands or use an alcohol-based hand sanitizer
 - Remove goggles or face shield from the back by lifting head band and without touching the front of the goggles or face shield
 - If the item is reusable, place in designated receptacle for reprocessing. Otherwise, discard in a waste container
- 3. MASK OR RESPIRATOR**
 - Front of mask/respirator is contaminated — **DO NOT TOUCH!**
 - If your hands get contaminated during mask/respirator removal, immediately wash your hands or use an alcohol-based hand sanitizer
 - Grasp bottom ties or elastics of the mask/respirator, then the ones at the top, and remove without touching the front
 - Discard in a waste container
- 4. WASH HANDS OR USE AN ALCOHOL-BASED HAND SANITIZER IMMEDIATELY AFTER REMOVING ALL PPE**

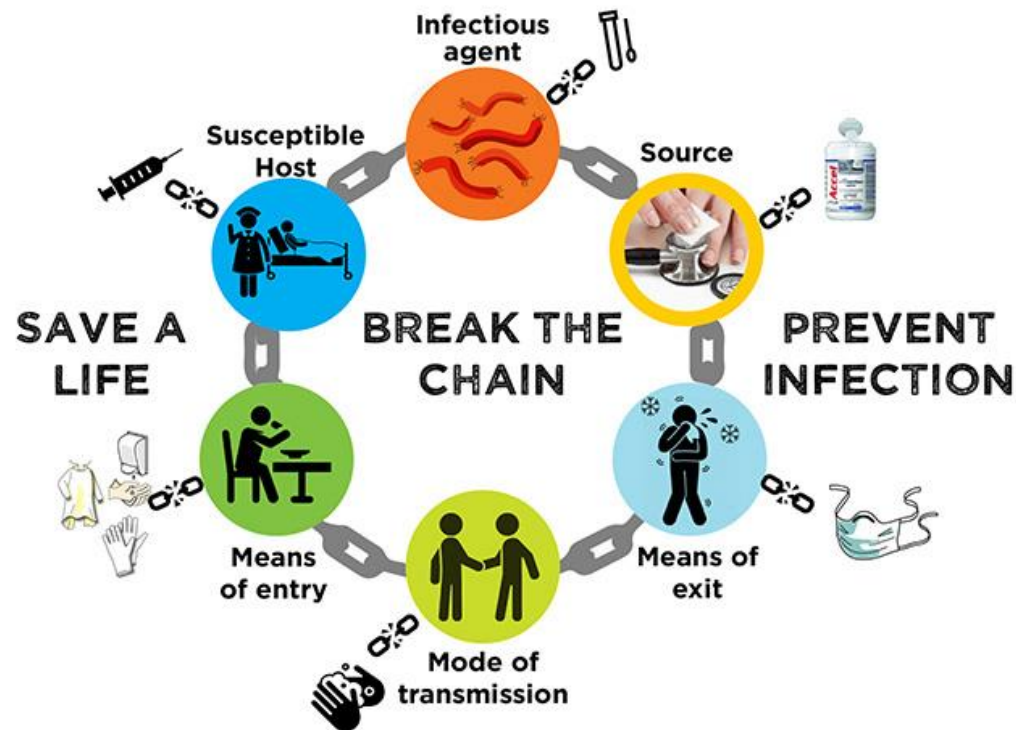
PERFORM HAND HYGIENE BETWEEN STEPS IF HANDS BECOME CONTAMINATED AND IMMEDIATELY AFTER REMOVING ALL PPE

6 Steps for Safe and Effective Disinfectant Use

Step 6: Lock it up in a clean, cool, dry, well-ventilated area – Keep lids tightly closed and all disinfectants are clearly labeled. Documentation on the potential hazards associated with each chemical, as well as a Safety Data Sheet (SDS) for each cleaning product. Store no higher than eye level, and never on the top shelf of a storage area.



Save a life! Break the chain! Prevent Infection!





Programming

Session	Date (2022)	Topic
Week 1	March 9 th , 2022	Personal Protective Equipment (PPE)
Week 2	March 16 th , 2022	Office Hours
Week 3	March 23 rd , 2022	Introduction to QAPI in SNFs
Week 4	March 30 th , 2022	Office Hours
Week 5	April 6 th , 2022	Introduction to Microbiology
Week 6	April 13 th , 2022	Office Hours
Week 7 (today!)	April 20 th , 2022	Environmental Services (EVS)
Week 8	April 27th, 2022	Office Hours
Week 9	May 4 th , 2022	Multi-Drug Resistant Organisms (MDRO)
Week 10	May 11 th , 2022	Office Hours



Reminder

The purpose of this Learning and Communication Series is to **review core infection prevention practices** (beyond COVID-19) that must be used in all care settings, and to **foster discussion** among LA County Skilled Nursing Facilities about infection control practices.

We would like to remind everyone that the LAC DPH SNF COVID-19 Guidance has been updated as of 03/31//2022. Please take time to review this updated information. We will not be reviewing COVID-19 guidelines (including CDPH AFLs) during these sessions.

Link to Guidelines:

<http://publichealth.lacounty.gov/acd/ncorona2019/healthfacilities/snf/prevention/>



Questions

