



Health Quality Innovation Network

Prepare, Prevent, Protect
1/17/23

Cleaning, Disinfection, Environment of Care

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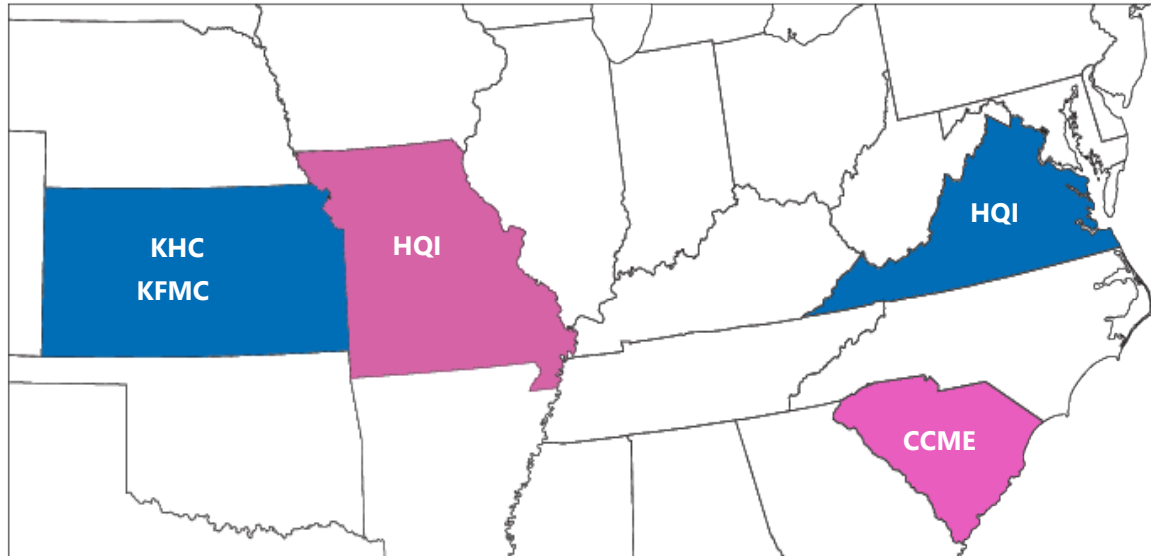
Disclosure of Conflict(s) of Interest

Mary Locklin, MSN, RN, CIC, has no relevant financial relationships or relationships with ineligible companies of any amount during the past 24 months.

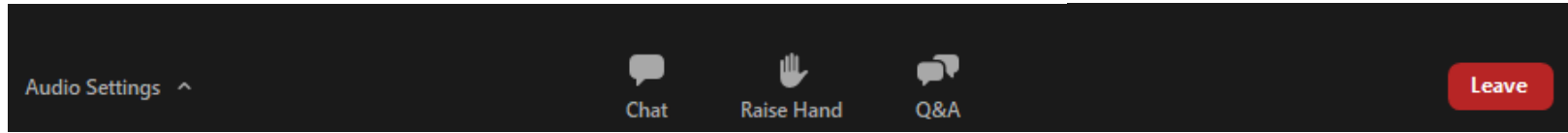
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Health Quality Innovation Network



Logistics – Zoom Webinar



To ask a question, click on the **Q&A** 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 **Audio Settings**.

You have been automatically muted with video turned off.

Prepare, Prevent, Protect

These brief learning opportunities will introduce essential infection prevention concepts and allow for recipients to connect directly to a certified infection preventionist for support.



Series Goals and Learning Objectives:

- Introduce and tutor the audience in the creation and implementation of infection prevention components essential to a robust infection prevention program.
- Collaborate with nursing home staff with an infection prevention role/duties to bolster the facility's infection prevention program.

Standard Precautions

Precautions that prevent infections among patients, family/visitors and healthcare workers. Assume that every person is potentially infected or colonized with a communicable disease.

- Apply to all patients/residents/clients regardless of suspected or confirmed infection status
 - Use personal protective equipment such as gloves, gowns and masks
- Safely dispose of contaminated waste and sharps (Regulated Medical Waste Policy)
- Properly dispose of linen
- Disinfect contaminated equipment and surfaces with hospital-approved disinfectant
- Perform hand hygiene



Cleaning and Disinfection

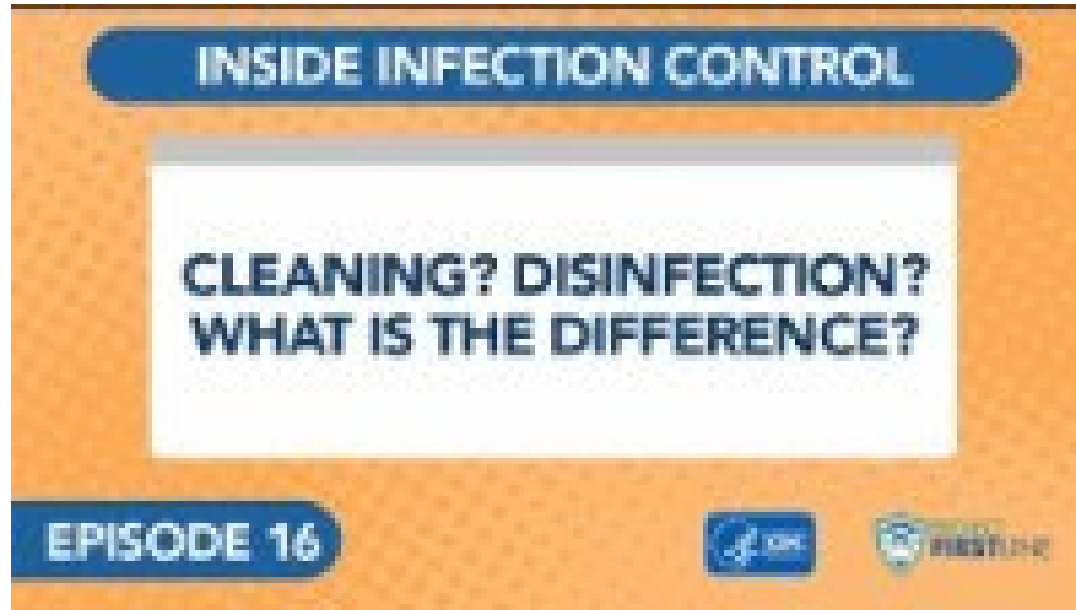
Consider the probability of contamination and the vulnerability of residents to infection.

Develop cleaning schedules, including:

- Identifying the person responsible
- Frequency
- Method (product, process)
- Detailed standards of operation for environmental cleaning of surfaces and noncritical equipment in every type of resident care area



Cleaning and Disinfecting – What's the Difference?

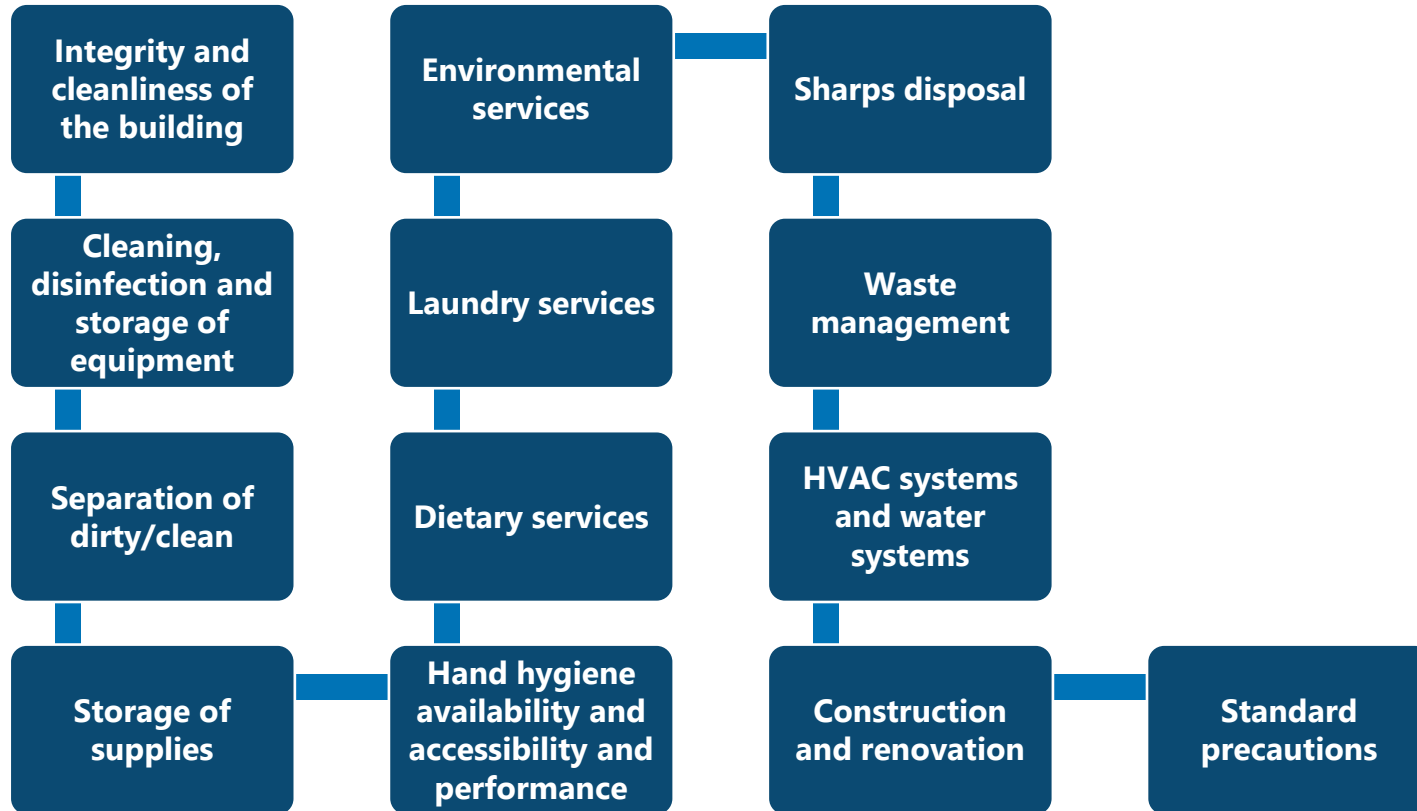


[Episode 16: Cleaning? Disinfection? What is the Difference? - video](#)



The facility must establish and maintain an Infection Control Program designed to provide a safe, sanitary and comfortable environment and to help prevent the development and transmission of disease and infection.

Environment of Care



Integrity and Cleanliness of the Building

- Integrity (soundness) of:
 - Ceiling tiles
 - Floor tiles
 - Walls
- Standing water
- Dust
- Dirt
- Grime
- Lint
- Residue
 - Fountains
 - Ice machines



Cleanliness and Storage of Equipment

Disinfectant

- Application is understood/followed
- Kill (dwell) time is understood/followed
- Product is not expired
- Product is appropriately stored



Equipment

- Maintained in good repair without rust
- Disinfected as soon as possible after use
- Disinfected with product that is manufacturer's recommendation
- Stored in a manner that maintains cleanliness/separation from equipment that is not clean

Separation of Dirty and Clean

Soiled (Dirty) Utility

- Limited access
- Wipeable (non-porous) surfaces
- Nothing stored on floor
- Work counter
- Sink with hot and cold water
- Dedicated hand washing sink (no storage under sink)
- Dispenser for paper towels
- Space for disinfectants
- Personal protective equipment (PPE)
- Trash/linen/biohazard and medical waste receptacles with hands-free lids
- Sharps receptacle
- Spill kit
- No clean or sterile items stored

Clean Utility

- Limited access
- Wipeable (non-porous) surfaces
- Nothing stored on floor
- Shipping containers are emptied/discarded
- Dedicated hand washing sink (no storage under sink) or ABHR dispenser
- Liquids stored below dry supplies
- Linens stored separately and covered
- Personal items (staff or resident) not stored
- Supplies are not expired

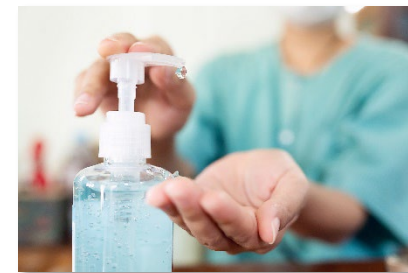
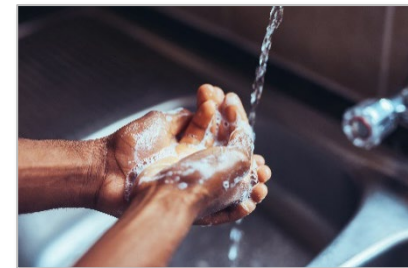
Storage of Supplies

- 18 inches below sprinkler (or 24" from ceiling w/out sprinkler)
- 6" inches from an outside wall
- 6" inches from floor (nothing stored on floor)
- Supplies removed from shipping containers
- Stored in plastic, wipeable containers
- Solid barrier on bottom shelf
- No expired supplies
- No personal (resident or staff) items



Hand Hygiene Availability and Accessibility

- ❑ Provide an adequate number of handwashing sinks
- ❑ Ensure that there are adequate hand hygiene supplies readily available for staff and resident use



The Occupational Safety and Health Administration (OSHA) regulation on Occupational Exposure to Bloodborne Pathogens, 29 CFR 1910.1030, requires in sections (d)(2)(iii) and (v) that "employers shall provide handwashing facilities which are readily accessible to employees."

Dietary Services

Cleanliness and food safety are maintained during:

- Receipt of food
- Storage
- Preparation
- Distribution



Dining Area

- General appearance
- Integrity of ceiling, walls and floors
- Condition of tables and seating
- Cleanliness of ice machines
- Hand hygiene accessibility





Environmental Services

Sharps Disposal

Do Your Team a “FAVA”

FUNCTIONALITY

ACCESSIBILITY

VISIBILITY

ACCOMMODATION



Waste Management: Healthcare Waste Segregation

Medical Waste

Pharmaceutical Waste

Autoclave/Treatment

Incinerate/Zero Landfill

RCRA
Hazardous



RMW



Sharps
Containers



Trace Chemo/
Pathological
Waste



Non-
Hazardous
Pharmaceuticals



DEA
Controlled



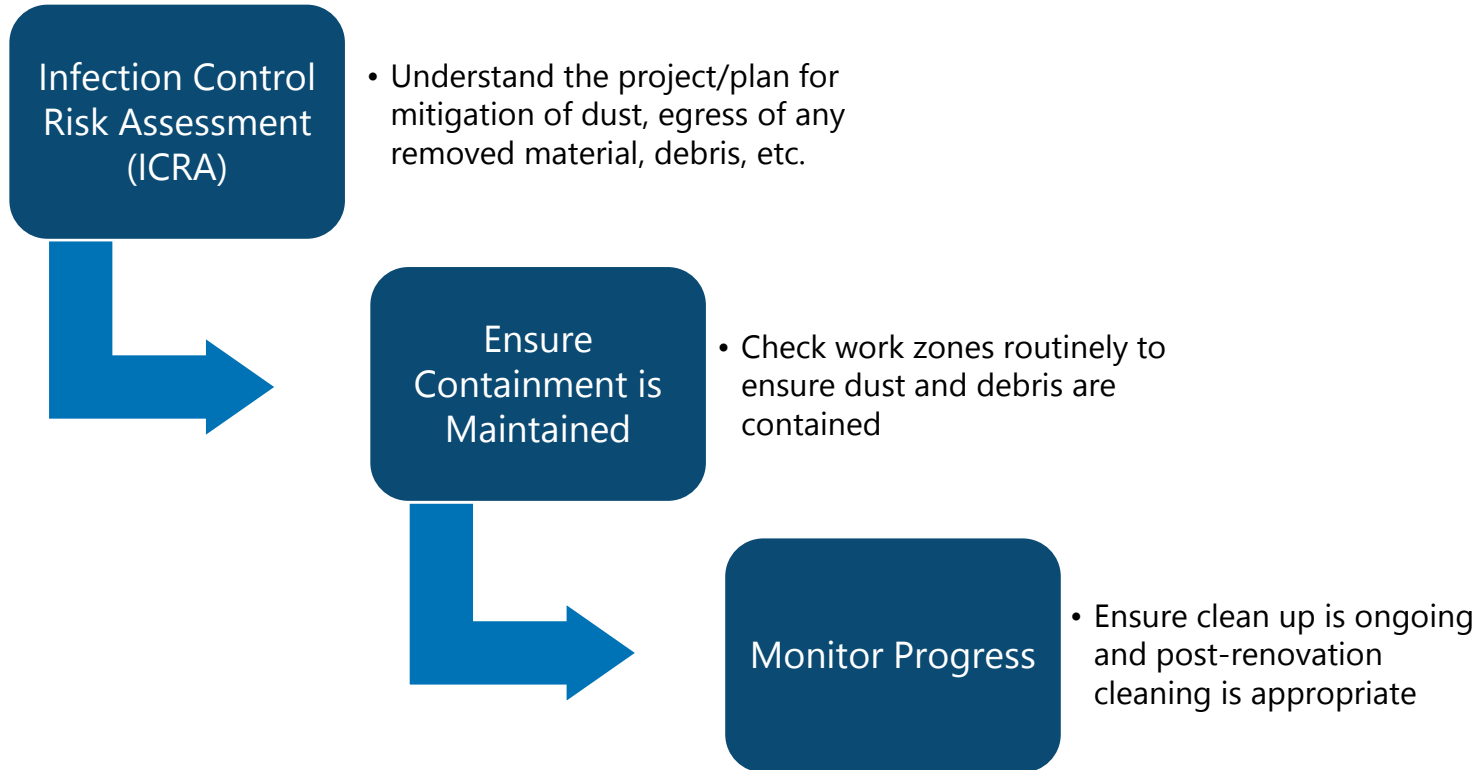
RCRA
Hazardous

HVAC Systems and Water Systems

- [ASHRAE Standards](#)
- [Reduce Risk from Water | HAI | CDC](#)
- [Healthcare Facility Water Management Program Checklist | CDC](#)



Construction and Renovation



Environmental Rounds



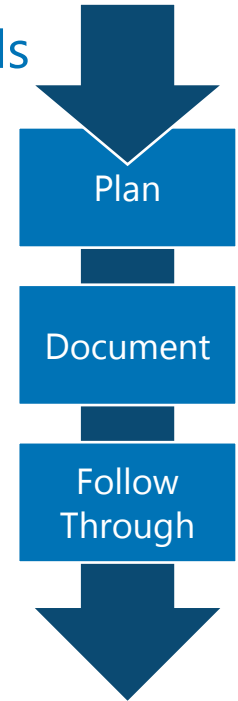
Environmental Rounds

- Common areas (cleanliness and integrity)
- Food preparation areas (cleanliness and appropriate storage)
- Storage areas (cleanliness, organization, separation of dirty and clean items)
- Utility areas
- Staff workstations (cleanliness and organization)
- Laundry facilities (cleanliness, organization, separation of dirty and clean items, transport of linen)



Maintaining the Environment of Care

- Conduct routine environmental (environment of care) rounds
- Document expectations/goals from the onset
- Perform consistent, scheduled rounding with a multidisciplinary group
- Use a standardized rounding tool
- Determine what requires immediate follow-up
- Determine time frame for findings that don't require immediate follow-up
- Maintain record of findings and resolution
- Hold all team members accountable



Environmental Rounds

- Same day/time each month?
- Start in same location each month?
- Same multidisciplinary group each time?



Environmental Rounding Tools

Electronic Platforms
Manual Entry Tools

ENVIRONMENTAL ROUNDS WORKSHEET FOR INFECTION PREVENTION

AREA INSPECTED:	DATE:	INSPECTOR:
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Use separate sheet for each department or patient care unit. Check as follows:
 C = Compliant; NC = Not compliant; CAC = Corrective action completed; FU = Follow-up required; NA = Not applicable

Criteria	C	NC	Finding or Comment	CAC	FU	NA
Separation of clean & soiled linen						
Clean linen stored in required area, on shelves or carts						
Soiled linen not placed on floor, furniture, windowsills, etc.						
Soiled linen collected as per policy						
Soiled linen contained in bags, not overfilled						
Linen hampers & carts covered						
Linen hampers & carts clean & in good condition						
Offices, Work Stations & Reception Areas:						
Carpeting clean						
Desks clean and free from unnecessary clutter & food items						
Office equipment clean & free from clutter						
Floors free of clutter & trash						
Food only in designated areas						
Meeting Rooms:						
Carpeting clean						
Empty cups & food items placed in trash						
Furniture clean & in good condition						
Waiting Areas & Staff Lounges:						
Carpeting clean						
Furniture clean & in good condition						
Empty cups & food items placed in trash						
Waste Management:						
Waste containers not overfilled						
Waste containers clean, operational, & in good condition						
Waste containers covered as required						
Containers located appropriately						
Appropriate number of containers available						

Resources

- [SPICE LTC Infection Prevention Risk Assessment - Statewide Program for Infection Control & Epidemiology | UNC](#)
- [Risk Assessment for Infection Surveillance, Prevention and Control Programs in Ambulatory Healthcare Settings](#)
- [IPC Risk Assessment Spreadsheet](#)
- [Inter-Facility Infection Control Transfer Form for States Establishing HAI Prevention Collaboratives | CDC](#)
- [Incorporating Infection Prevention and Control into an Emergency Preparedness Plan | AHRQ](#)
- [Long Term Care Requirements CMS Emergency Preparedness Final Rule](#)
- [Appendix PP - November 22, 2017 | CMS](#)



Resources

- [APIC Toolkit for Rural and Isolated Settings](#)
- [State Operations Manual Appendix Z - Emergency Preparedness for All Provider and Certified Supplier Types Interpretive Guidance | CMS](#)
- [Emergency Preparedness Exercises | FEMA](#)
- [Sample Policy for Emergent Infectious Diseases for Skilled Nursing Care Centers | AHCA NCAL](#)
- [Disaster Preparedness Plan Template for use in Long Term Care Facilities | ASPR TRACIE](#)
- [Infection Prevention Annual Risk Assessment Email Template | HQIN](#)
- [Safe Linen and Laundry Management Audit Tool | HQIN](#)
- [Safe Linen/Laundry Management IPC Action Plan Template | HQIN](#)
- [Infection Prevention Plan FY2022 | UNC Medical Center](#)



Resources

- [Forms & Checklists for Infection Prevention | APIC](#)
- [Nursing Homes and Assisted Living Infection Prevention Training | CDC](#)
- [Infection Prevention and Control Program Sample Policy](#)
- [Hand Hygiene Action Plan Template | HQIN](#)
- [Staff Infection Exposure Prevention Action Plan Template | HQIN](#)
- [Isolation Precautions Action Plan Template | HQIN](#)
- [Environmental Hygiene Action Plan Template | HQIN](#)
- [Competency-Based Training 102 | CDC](#)
- [Break the Chain of Infection with Better Hand Hygiene | HQIN](#)
- [Hand Hygiene Module 1 | HQIN](#)
- [Hand Hygiene Competency Validation | HQIN](#)
- [Hand Hygiene Competency Tracking Tool | HQIN](#)



Resources

- [Environmental Cleaning Procedures | Environmental Cleaning in RLS | HAI | CDC](#)
- [Infection Control Risk Assessment Matrix of Precautions for Construction & Renovation | APIC](#)
- [Sharps Disposal Containers | FDA](#)
- [Environmental Rounding Tool – ASHE](#)
- [Environmental Rounds Worksheet for Infection Prevention](#)



Contact Hours Certificate

- Complete the attestation form at <https://go2certificate.com> to receive the contact hours you deserve. This activity awards 0.5 contact hours for nurses. A general certificate of participation is also available.
- If you receive an error when you click the link, copy and paste the URL into your browser. Chrome is recommended for an optimal portal experience.
 - Enter Access Code: **2975-EOC**
 - Enter your email address
 - Click the Confirm button
- If you are a returning user of Go2Certificate, the system will alert you to this fact and request that you enter your password.
- If you are a first-time visitor to Go2Certificate, complete the demographic information, set-up a password and click the Submit button.
- Select the Activity you attended by clicking the box to the left of the activity title. There is only one activity assigned to this access code.
- Click the Continue button.
- Complete the Activity Evaluation by using the Next buttons. Your input is invaluable. At the end of the evaluation, please click the Submit button.
- Please confirm how you would like your name to appear on the certificate.
- Select the box requesting the accreditation you wish to earn. Multiple selections are acceptable. Click the Confirm button.

**The portal will expire
on February 17, 2023,
at 11:59 p.m. ET.**

In future visits, the system automatically recognizes your account based on your email address. It will ask you to enter your own created password after you have entered the Access Code and your email address.

FOR MORE INFORMATION

Call 877.731.4746 or visit www.hqin.org

LTC@hqin.solutions

***Next Session: 2/21/2023 at 2:00 p.m. EST**

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From HQIN:

To all essential care giving teams
supporting residents and families,

Thank you for attending