



HEALTH QUALITY INNOVATORS

Environmental Cleaning: Do One Thing Differently

January 2019

One Small Change = Big Impact



Take Inventory with Probing Questions

Prevent and Manage Infections Safely: C. difficile

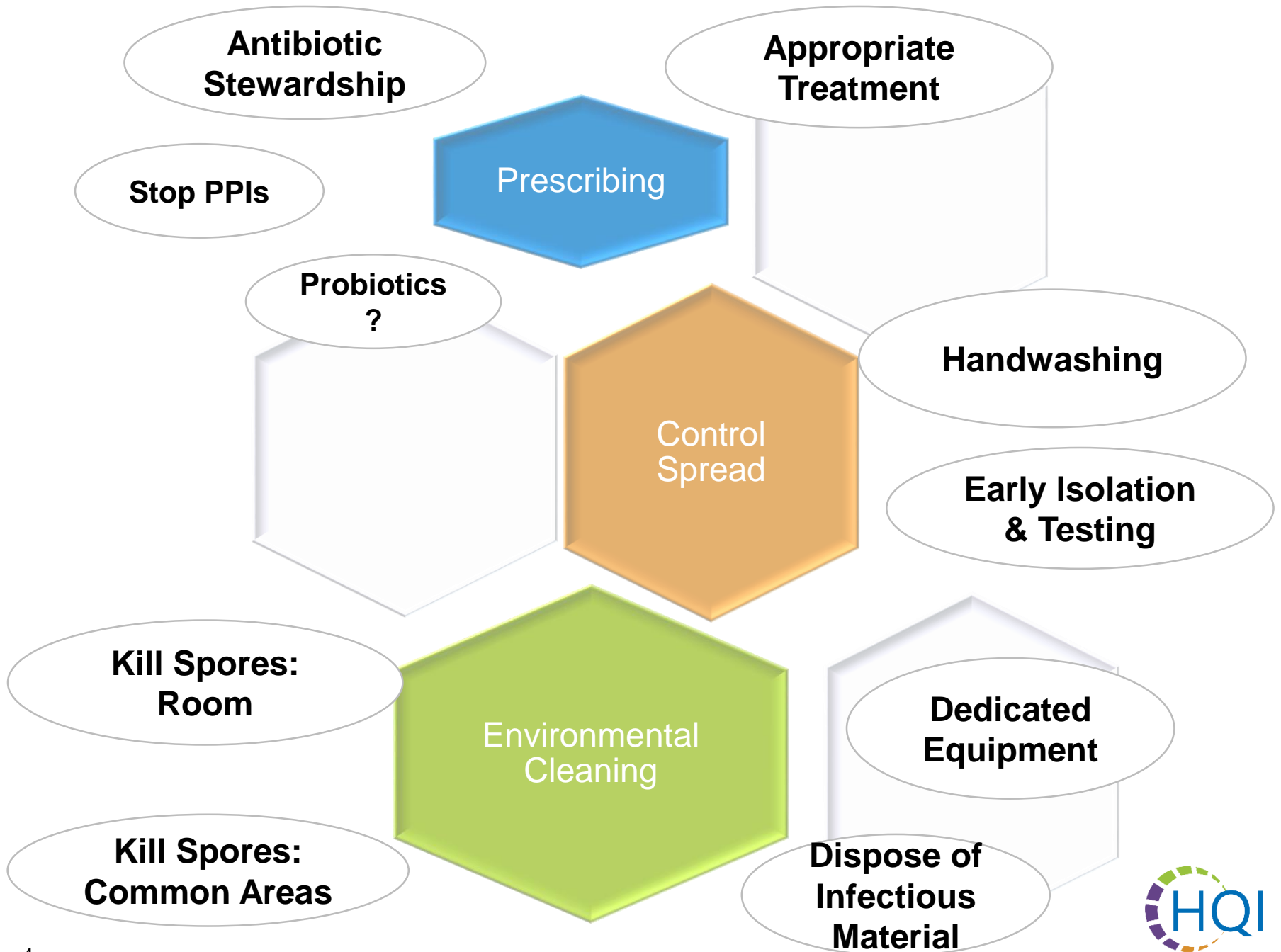
Probing Questions



Are there environmental factors connected with our CDI rates?

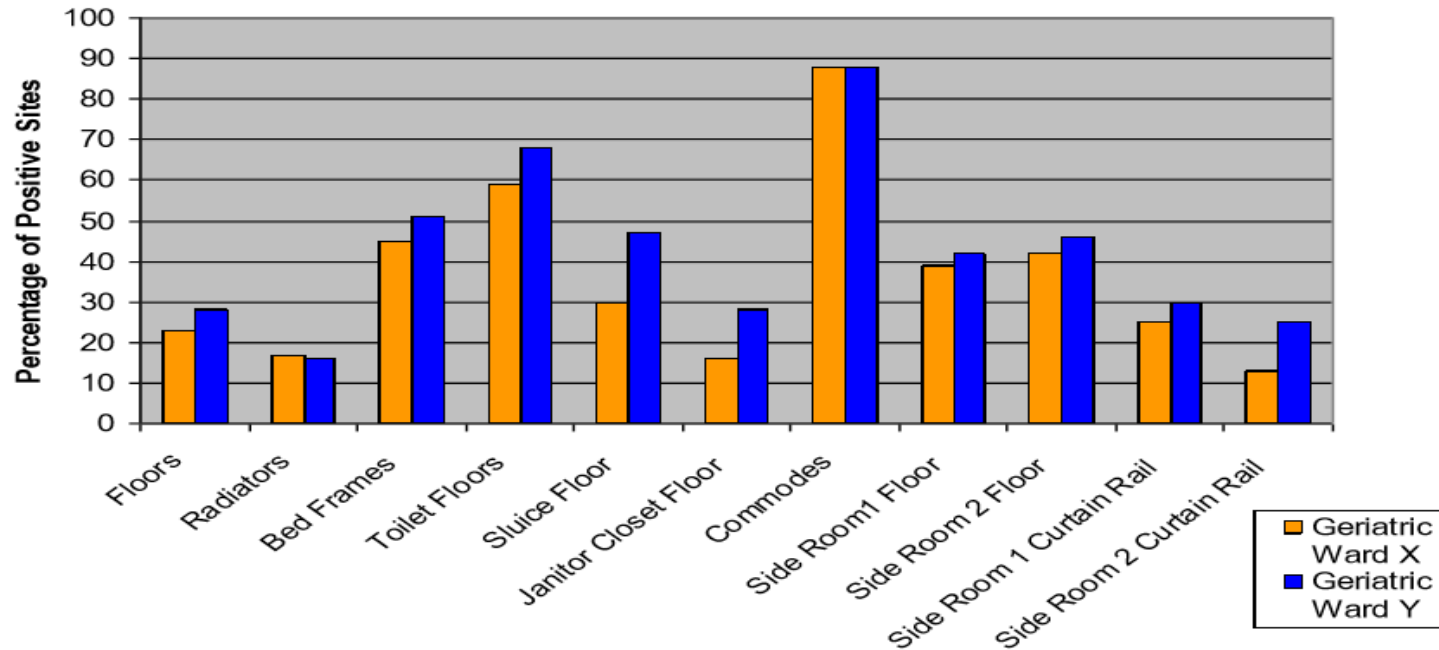
- Does our room cleaning procedure change for residents with known or suspected CDI?
- How does environmental service staff know which residents are known or suspected of having CDI?
- What products are being used to clean/disinfect rooms for residents with CDI?
- What is our policy about frequency of cleaning for residents known to have active CDI?
- Does our nursing home have dedicated equipment for use with residents with CDI (e.g., blood pressure cuff, Hoyer lift pad, etc.)?
- What are the high-risk surfaces that might be contaminated in the room of a resident with known or suspected CDI?
- Do we have a process to audit the adequacy of our environmental cleaning?

https://www.nhqualitycampaign.org/files/Probing_Questions_Infections.pdf



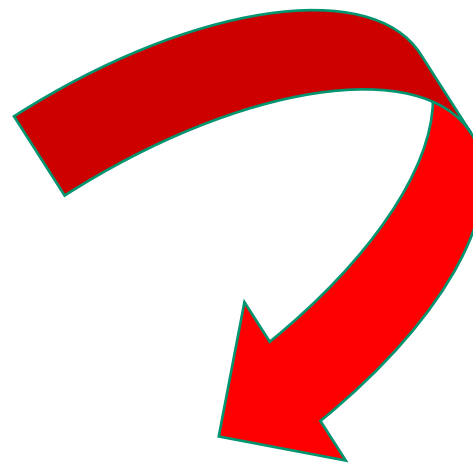
Use Visual Cues

Frequency of *C. difficile* Culture Positive Sites in Study Areas

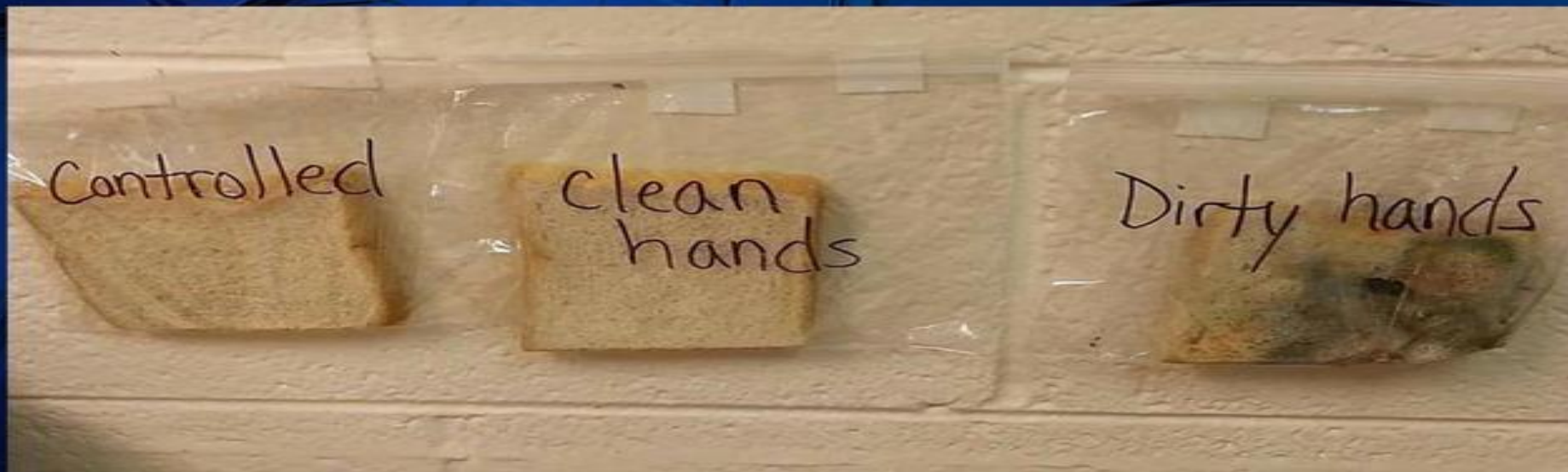


From: Wilcox MH, et al. J Hosp Infect 2003; 54: 109-14

Easy Demonstration



3 days



EVC Checklist

CDC Environmental Checklist for Monitoring Terminal Cleaning¹

Date:	
Unit:	
Room Number:	
Initials of ES staff (optional):²	

Evaluate the following priority sites for each patient room:

High-touch Room Surfaces ³	Cleaned	Not Cleaned	Not Present in Room
Bed rails / controls			
Tray table			
IV pole (grab area)			
Call box / button			
Telephone			
Bedside table handle			
Chair			
Room sink			
Room light switch			
Room inner door knob			
Bathroom inner door knob / plate			
Bathroom light switch			
Bathroom handrails by toilet			
Bathroom sink			
Toilet seat			
Toilet flush handle			
Toilet bedpan cleaner			

Evaluate the following additional sites if these equipment are present in the room:

High-touch Room Surfaces ³	Cleaned	Not Cleaned	Not Present in Room
IV pump control			
Multi-module monitor controls			
Multi-module monitor touch screen			
Multi-module monitor cables			
Ventilator control panel			

Mark the monitoring method used:

- Direct observation Fluorescent gel
 Swab cultures ATP system Agar slide cultures

¹Selection of detergents and disinfectants should be according to institutional policies and procedures

²Hospitals may choose to include identifiers of individual environmental services staff for feedback purposes.

³Sites most frequently contaminated and touched by patients and/or healthcare workers



<https://www.cdc.gov/hai/toolkits/evaluating-environmental-cleaning.html>



CMS Critical Element Pathway

- Objects and environmental surfaces that are touched frequently and in close proximity to the resident (e.g., bed rails, over-bed table, bedside commode, lavatory surfaces in resident bathrooms) are cleaned and disinfected with an EPA-registered disinfectant for healthcare use at least daily and when visibly soiled.
- Interview appropriate staff to determine if they are aware of processes/protocols for transmission-based precautions and how staff is monitored for compliance.
- If concerns are identified, expand the sample to include more residents with transmission-based precautions.

3. Did the staff implement appropriate transmission-based precautions? Yes No F880 NA

<https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/GuidanceforLawsAndRegulations/Nursing-Homes.html>

Nursing Home Staff Competency Assessment Toolkit

Available Now! <https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/LTC-CMP-Reinvestment.html>

- The Centers for Medicare & Medicaid Services (CMS) has released a **Nursing Home Staff Competency Assessment Toolkit** designed to help nursing home frontline and management staff evaluate their skills.
- Identify areas where your nursing home is doing well, versus where your facility might need support.
- Three competency assessments in print and electronic formats:
 1. Certified Nursing Assistants (CNA)/Certified Medication Technicians (CMT)
 2. Licensed Practical/Vocational Nurses (LVN/LPN) and Registered Nurses (RN)
 3. Assistant directors of nursing (ADON), directors of nursing (DON) and administrators.

CNA Competency Sample for IP

Infection Control and Prevention

Understands facility infection prevention and control policies and procedures. Practices in an environmentally safe and healthy manner. Demonstrates mastery of hand hygiene, transmission based precautions, standard precautions, equipment and environmental cleaning, etc.

1. What is the last step in correct handwashing?

- A. Rinsing hands elbows down.
- B. Drying hands with paper towel.
- C. Turning off the faucet with a paper towel.
- D. Putting on gloves.

2. What are good infection control practices a nursing assistant (CNA) should follow when handling a resident's linens?

- A. Hold linen away from your body.
- B. Drag heavy linen bags down the hall to avoid straining your back.
- C. Take extra linens out of a resident's room and place it back on the linen cart.
- D. A and C.

3. The CNA's role in promoting a prompt response to possible infection is to:

- A. Observe the residents on the unit for signs of infection.
- B. Report resident signs of infection to the nurse.
- C. Inform the nurse if visitors show signs of infection, such

4. What practice can lead to the spread of infection?

- A. Using the same equipment for all residents without cleaning in between each resident.
- B. Wearing the same uniform to work without laundering.
- C. Bringing resident care equipment in from home (e.g., personal blood pressure cuff or bathing supplies).
- D. All of the above.

5. Select the statements below that are considered good personal health practices to help prevent the spread of infection.

- A. Stress management.
- B. Healthy diet and exercise.
- C. Receiving an annual influenza vaccine, unless medically contraindicated.
- D. None of the above.

Preventing Harm Resource

All Cause Harm Prevention in Nursing Homes: Applying strategies from the new CMS Change Package

DATE: Thursday, January 24, 2019

TIME: 3:00pm-4:00pm ET

LOCATION: WebEx



REGISTER for the event:

<https://qualitynet.webex.com/qualitynet/onsstage/g.php?MTID=efe52a812df425e04d326423a2bae4cb7>



Complete Training Sessions

<https://qioprogram.org/nursing-home-training-sessions>

Nursing Home Training Sessions Introduction

1. TeamSTEPPS® in LTC: Communication Strategies to Promote Quality and Safety
2. Exploring Antibiotics and their Role in Fighting Bacterial Infections
3. Antibiotic Resistance: How it Happens and Strategies to Decrease the Spread of Resistance
4. Antibiotic Stewardship
5. Clostridium difficile Part One: Clinical Overview
6. Clostridium difficile Part Two: Strategies to Prevent, Track, and Monitor C. difficile

Nursing Home Training Sessions Introduction

 Print  PDF



We hope that you find these training tools and resources helpful in your work to implement antibiotic stewardship and prevent C. difficile infections in your residents. All are welcome to explore this site and use the information as applicable to you and your organization. Thank you for your dedication to preventing infections in residents (and staff, too) and promoting appropriate antibiotic use.

Training sessions and resources for nursing homes to support:

- Implementation of principles and practices of antibiotic stewardship
- Prevention and management of *Clostridium difficile* infections

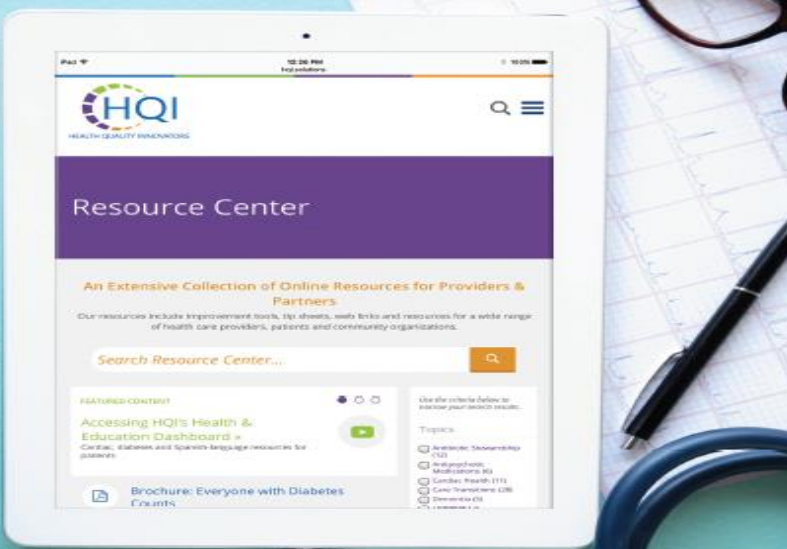
C. difficile harms residents!

- C. difficile caused almost



HEALTH QUALITY INNOVATORS

Need a Hand?



**POINT.
CLICK.
INNOVATE.**

**ONLINE RESOURCES FOR
PROVIDERS, PATIENTS & PARTNERS**

www.hqi.solutions/resource-center

IT HAS NEVER BEEN EASIER TO ACCESS HQI'S RESOURCE CENTER

Health Quality Innovators (HQI) recently launched a new online resource center. Now clinicians, partners and patients have easy access to a wide range of quality improvement resources at no cost.

Benefits include



No log-in needed: You can access all our tools and resources; no password or username required.



Multiple ways to search: Either type in your search term(s) or sort by topic, audience or media type.



A wealth of materials covering all settings: You will find videos, webinar recordings, tip sheets, patient education materials and more. Materials cover all settings and address a wide range of topics from quality improvement basics to strategies for engaging patients and families.

This material was prepared by Health Quality Innovators (HQI), the Medicare Quality Innovation Network-Quality Improvement Organization for Maryland and Virginia, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy.

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