



# Long-Term Care Healthcare-Associated Infections Resources

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RESOURCES FOR LONG-TERM CARE PROVIDERS ABOUT  
INFECTION PREVENTION IN LONG-TERM CARE SETTINGS



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## Antimicrobial Stewardship

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- [AHRQ's Nursing Home Antimicrobial Stewardship Guide](#)  
**Guidance:** This guide provides toolkits to help nursing homes optimize their use of antibiotics.
- [California Department of Health ASP in Nursing Homes](#)  
**Toolkit:** Tools and resources from California Department of Public Health HAI program including examples of program implementation and a webinar series
- [CDC's Core Elements of Antibiotic Stewardship for Nursing Homes](#)  
**Guidance:** Nursing homes are encouraged to work in a stepwise fashion, implementing one or two activities to start and gradually adding new strategies from each element over time. Any action taken to improve antibiotic use is expected to reduce adverse events, prevent emergence of resistance, and lead to better outcomes for residents in this setting.
- [CDC Train: Antibiotic Stewardship in Nursing Homes](#)  
**Training:** This module discusses overuse of antibiotics and adverse events in nursing homes and offers support in implementing the core elements of antibiotic stewardship programs.
- [Minnesota Antimicrobial Stewardship Program Toolkit for Long-term Care Facilities](#)  
**Toolkit:** This toolkit offers concrete tools that could help facilities recognize their baseline antimicrobial stewardship capacity and enhance their existing assessment, documentation, and communication processes.
- [Oregon AWARE Provider Resources](#)  
**Resources:** This webpage provides links to prescribing recommendations for upper respiratory tract infections and online training modules that introduce communication techniques to use during antibiotic stewardship interactions.
- [Oregon Statewide Antibigram](#)  
**Resource:** This report presents all statewide data together for gram-positive and gram-negative organisms and breaks down the data by region, providing separate reports for the Portland Tri-county area and the rest of Oregon excluding the Portland Tri-county area
- [Quality Improvement Organizations Nursing Home Training Sessions](#)  
**Training:** These training sessions support implementation of principles and practices of antibiotic stewardship, prevention and management of C.

*difficile* infections and communication strategies and tools to promote quality and safety.

## Hand Hygiene and Environmental Cleaning

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### Hand Hygiene

- [CDC's Hand hygiene in health care settings](#)  
**Online training:** Review key concepts of hand hygiene and standard precautions.
- [Assessment of Current CDI Prevention Activities - Hand Hygiene \(pdf\)](#)  
**Check list:** Assess knowledge and competency, infection prevention and infrastructure and monitoring practices related to hand hygiene.
- [WHO: Hand hygiene: Why, How and When \(pdf\)](#)  
**Educational tool:** Info-graphic rich guide to the 'Why, How and When' of hand hygiene, including the WHO '5 Moments'
- [Guidelines for Hand Hygiene in Healthcare Settings \(pdf\)](#)  
**Guidance:** 2002 CDC Morbidity and Mortality Weekly Report on hand hygiene guidelines for health care settings
- [WHO: "Clean Care is Safer Care"](#)  
**Toolkit:** Support health-care facilities in improving hand hygiene practices among health-care workers

### Environmental Cleaning

- [EPA's Registered Antimicrobial Products Effective Against \*Clostridium difficile\* Spores](#)  
**Cleaning product list:** These products carry an EPA label as being effective at removing *C. difficile* spores.
- [CDC's Options for evaluation Environmental Cleaning](#)  
**Evaluation tool:** Website on processes for assessing cleaning practices.
- [Oregon Patient Safety Commission's Norovirus: Training for environmental cleaning staff](#)  
**Online training video:** Walk through important information about norovirus, how it spreads, and how to prevent the spread of the virus by swiftly implementing best-practice infection prevention measures.

- [CDC's Environmental Cleaning and Disinfecting for MRSA](#)  
**Information and resources:** All you need to know about cleaning and disinfecting for MRSA.
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## Rules

- [Interfacility transfer communication](#)  
As part of best practice during patient transfers, information about a patient's colonization or infection with a multidrug-resistant organism should travel with a patient and be readily available to medical providers.
- [Healthcare Acquired Infection Reporting](#)  
The Oregon Health Authority (OHA) provides oversight and support for mandatory HAI reporting activities in Oregon hospitals.

Oregon hospitals report HAIs using the [National Healthcare Safety Network \(NHSN\)](#) reporting tool. This includes the reporting of CLABSIs, certain kinds of SSIs, and several healthcare facility process measures designed to ensure quality and to reduce HAIs.

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## General Training and Resources

- [Getting Ready for Influenza and Norovirus: Key Information for Long-term Care Facilities \(LTCFs\)](#)  
**Webinar Recording:** Provides information about influenza and norovirus symptoms, modes of transmission, and strategies to prevent spread. Introduces and explains a new law promoting recognition, reporting, and control of disease outbreaks in LTCFs. Reviews current recommendations from Oregon Health Authority regarding transfer of recovering influenza and norovirus patients from hospitals to LTCFs.
- [Tracking Infections for Long-term Care Facilities](#)  
**Resources and toolkits:** CDC's National Healthcare Safety Network provides long-term care facilities with a customized system to track infections in a streamlined and systematic way.
- [Early Identification/Containment Assessment Checklist \(pdf\)](#)  
**Process and practice checklist:** Assess nursing home processes and staff practices for identification and diagnosis of CDI and implementation of appropriate precautions to limit spread of *C. difficile*.
- [AHRQ Improving Patient Safety in Long-term Care Facilities](#)  
**Training module:** Help nursing home staff detect and communicate changes in resident conditions.

- [Nursing Homes and Assisted Living Facilities](#)  
**Facility resources:** CDC resources for LTCFs.

## Organism Specific Resources

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### Multidrug Resistant Organisms

MDRO stands for multidrug-resistant organism. An MDRO causes human disease which has acquired antibiotic resistance, as listed and defined by the Centers for Disease Control and Prevention (CDC) in [Antibiotic Resistance Threats in the United States, 2013 \(pdf\)](#).

- [View a list of selected MDRO definitions \(pdf\)](#)
- [Recommendations for specific MDROs Toolkit and Recommendations:](#) This webpage provides recommendations for specific MDROs and a link to the Oregon MDRO Toolkit

### Carbapenem-resistant *Enterobacterales* (CRE)

- [Carbapenem-resistant \*Enterobacterales\* \(CRE\)](#)  
**Recommendations and information:** A brief overview of CRE from OHA
- [Guidance for Control of Carbapenem-resistant \*Enterobacterales\* \(CRE\) 2016 Oregon Tool Kit](#)  
**Toolkit:** Page 16-23 of the offers specific recommendations for skilled nursing facilities.

### *Clostridium difficile*

- [Clostridium difficile](#)  
**Recommendations and information:** A brief overview of *Clostridium difficile* from OHA
- [CDC's C. difficile](#)  
**Information and resources:** Broad overview of *C. difficile* from the CDC with information for patients, providers, and healthcare facilities
- [Advancing Excellence C. difficile Infection Prevention Assessment Checklists](#)  
**Checklist:** CDC resource for preventing and containing *C. difficile*
- [Early Identification/Containment Assessment Checklist \(pdf\)](#)  
**Checklist:** Assess nursing home processes and staff practices for identification

and diagnosis of CDI and implementation of appropriate precautions to limit spread of *C. difficile*

## Methicillin Resistant *Staphylococcus aureus* (MRSA)

- [Methicillin Resistant \*Staphylococcus aureus\* \(MRSA\)](#)  
**Recommendations and information:** A brief overview of MRSA from OHA
- [CDC's General Information About MRSA in Healthcare Settings](#)  
Risk factors, causes, and prevention.
- [CDC's Environmental Cleaning and Disinfecting for MRSA](#)  
All you need to know about cleaning and disinfecting for MRSA.
- [APIC's Guide to the Elimination of Methicillin- Resistant \*Staphylococcus aureus\* \(MRSA\) in the Long-Term Care Facility \(pdf\)](#)

## Vancomycin Resistant *Enterococci* (VRE)

- [Vancomycin Resistant \*Enterococci\* \(VRE\)](#)  
A brief overview of VRE from OHA
- [VRE infection control guidelines](#)  
**Guidelines from New York State Department of Health:** Care of patients colonized or infected with VRE in hospitals, long-term care facilities and home health care.

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## Norovirus

- [Norovirus Outbreak Detection and Management \(pdf\)](#)  
**Toolkit:** Oregon Health Authority toolkit specifically for long term care facilities
- [CDC's Norovirus in Healthcare Settings](#)  
**Toolkit:** Symptoms, transmission and prevention of Norovirus and a list of resources
- [Oregon Patient Safety Commission's Norovirus: Training for environmental cleaning staff](#)  
**Online training video:** Walk through important information about norovirus, how it spreads, and how to prevent the spread of the virus by swiftly implementing best-practice infection prevention measures.
- [Norovirus in long-term care facilities](#)  
Oregon Public Health Division annotated report of stakeholder meeting and interviews.

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## Respiratory Conditions

- [Healthcare Provider Influenza Vaccination Tool Kit](#)  
**Toolkit:** Oregon Health Authority toolkit specifically for long term care facilities

### CDC resources

- [Influenza Toolkit for Long-Term Care Employers](#)
- [Interim Guidance for Influenza Outbreak Management in Long-Term Care Facilities](#)
- [Summary Guidance for Flu Outbreak Management in LTCF \(pdf\)](#)

### Outbreaks in long-term care facilities (LTCF)

- [Oregon Patient Safety Commissions Managing Influenza Outbreaks in Long-term Care Facilities](#)  
**Online training video:** This 11-minute training provides general information about influenza (the “flu”) and reviews specific ways to prevent and control outbreaks in long-term care facilities.
- [Facility Control Measure Report for Flu Outbreaks \(pdf\)](#)  
**Tool:** Influenza outbreak control measure report for LTCFs
- [Influenza Outbreak Control in Long Term Care Facilities \(pdf\)](#)  
**Educational tool:** Cheat sheet for flu outbreaks
- [Managing gastroenteritis outbreaks and infection control in long-term care facilities \(LTCFs\)](#)  
**Toolkit:** How to manage a gastroenteritis outbreak in a LTCF.

### Sample letters / Alerts

- [Letter of notification for residents of independent or LTCF advising prophylaxis \(.doc\)](#)
- [Letter of notification and request for providers to use prophylaxis \(.doc\)](#)
- [Sample provider alert \(.doc\)](#)

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## Urinary Tract Infections/Catheter Associated Urinary Tract Infections



- [CDC's CAUTI Prevention Guidance and Resources](#)  
**Toolkit Implementation Guide:** Links to Example Resources
- [AHRQ Toolkit: Determine Whether it is Necessary to Treat a Potential Infection with Antibiotics](#)  
**Toolkit:** Medical care referral form.
- [CDC's Urinary Tract Infection \(UTI\) Event for Long-term Care Facilities](#)  
**Guidelines and Treatment Algorithms:** How to track, report and manage UTIs in a LTCF