

AHRQ Safety Program for Improving Antibiotic Use



Other Resources for Long-Term Care

This document, a companion to the Toolkit to Improve Antibiotic Use in Long-Term Care, provides links to peer-reviewed articles and other information about infections and the use of antibiotics in long-term care residents.

Antibiotic Stewardship Program Resources

Article from JAMDA, The Journal of Post-Acute and Long-Term Care Medicine: "Template for an antibiotic stewardship policy for post-acute and long-term care settings"

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5839140/>

AHRQ Nursing Home Antimicrobial Stewardship Guide: <https://www.ahrq.gov/nhguide/index.html>

Asymptomatic Bacteriuria

Clinical Practice Guideline for the Management of Asymptomatic Bacteriuria: 2019 Update by the Infectious Diseases Society of America

These links both refer to the same material; the first link is better suited for on-screen reading, and the second link offers a pdf to download.

<https://www.idsociety.org/practice-guideline/asymptomatic-bacteriuria/>

<https://academic.oup.com/cid/article/68/10/e83/5407612>

Community-Acquired Pneumonia and Duration of Therapy

Diagnosis and Treatment of Adults with Community-Acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America

<https://www.idsociety.org/practice-guideline/community-acquired-pneumonia-cap-in-adults/>



Article from the American Journal of Medicine: “Efficacy of short-course antibiotic regimens for community-acquired pneumonia: A meta-analysis”

<https://www.sciencedirect.com/science/article/pii/S0002934307005542?via%3Dihub>

Review article from Antimicrobial Agents and Chemotherapy: “Systematic review and meta-analysis of the efficacy of short-course antibiotic treatments for community-acquired pneumonia in adults”

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6125522/pdf/e00635-18.pdf>

Review article from the New England Journal of Medicine: “Community-acquired pneumonia”

https://www.nejm.org/doi/full/10.1056/NEJMra1312885?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Urinary Tract Infections/Catheter-Associated Urinary Tract Infection

Special article from JAMDA, the Journal of Post-Acute and Long-Term Care Medicine: Consensus statement from The Society for Post-Acute and Long-Term Care on the Diagnosis, Treatment, and Prevention of Urinary Tract Infections in Post-Acute and Long-Term Care Settings

[https://www.jamda.com/article/S1525-8610\(19\)30806-0/fulltext](https://www.jamda.com/article/S1525-8610(19)30806-0/fulltext)

Guideline from the Healthcare Infection Control Practices Advisory Committee: Guideline for Prevention of Catheter-Associated Urinary Tract Infections (2009)

<https://www.cdc.gov/infectioncontrol/guidelines/cauti/index.html>

Association for Professionals in Infection Control and Epidemiology’s implementation guide to preventing Catheter-Associated Urinary Tract Infections (CAUTI): (See pages 9, 54, 66-67, and 79)

<https://apic.org/professional-practice/implementation-guides/#implementaion-guide-7454>

Diagnosis, Prevention, and Treatment of CAUTI in Adults: 2009 International Clinical Practice Guidelines from the Infectious Diseases Society of America:

<https://academic.oup.com/cid/article/50/5/625/324341>

Review from the Cochrane group, 2012: “Methenamine hippurate for preventing urinary tract infections”

https://www.cochrane.org/CD003265/RENAL_methenamine-hippurate-for-preventing-urinary-tract-infections

AHRQ's Toolkit to Reduce CAUTI and Other HAIs in Long-Term Care Facilities

<https://www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/cauti-ltc/index.html>

Article from the Journal of the American Geriatrics Society: “Infectious diseases in older adults of long-term care facilities: update on approach to diagnosis and management”

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.15248>

Toolkit from the AHRQ Nursing Home Antimicrobial Stewardship Guide: Suspected UTI SBAR Toolkit
<https://www.ahrq.gov/nhguide/toolkits/determine-whether-to-treat/toolkit1-suspected-uti-sbar.html>

Tool from the AHRQ Nursing Home Antimicrobial Stewardship Guide Suspected UTI SBAR Toolkit:
Determine Whether To Treat, Tool 4. Training Modules: Urinalysis and UTIs Improving Care
https://www.ahrq.gov/sites/default/files/wysiwyg/nhguide/4_TK1_T4-Urinalysis_and_UTIs_Improving_Care_Final.pdf

Print and complete this AHRQ PDF form: Suspected UTI SBAR
https://www.ahrq.gov/sites/default/files/wysiwyg/nhguide/4_TK1_T1-SBAR_UTI_Final.pdf

International Clinical Practice Guidelines for the Treatment of Acute Uncomplicated Cystitis and
Pyelonephritis in Women: A 2010 Update by the Infectious Disease Society of America and the European
Society for Microbiology and Infectious Diseases
<https://academic.oup.com/cid/article/52/5/e103/388285>

Clostridioides difficile (C. diff) Infections

Clinical Practice Guidelines for *Clostridium difficile* infection in adults and children: 2017 update by the
Infectious Disease Society of America (IDSA) and Society for Healthcare Epidemiology of America (SHEA)
<https://academic.oup.com/cid/advance-article/doi/10.1093/cid/cix1085/4855916>

Article from the Journal of the American Geriatric Society: “Infectious Diseases in older adults of long-
term care facilities: Update on approach to diagnosis and management”
<https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.15248>

Dental

Article from the Journal of the American Dental Association: “The use of prophylactic antibiotics prior to
dental procedures in patients with prosthetic joints”
[https://jada.ada.org/article/S0002-8177\(14\)00019-1/fulltext?nav=rotatorJanmain](https://jada.ada.org/article/S0002-8177(14)00019-1/fulltext?nav=rotatorJanmain)

Oral Health Topics on the American Dental Association Website

Antibiotic Prophylaxis Prior to Dental Procedures: Key Points
<https://www.ada.org/en/member-center/oral-health-topics/antibiotic-prophylaxis>

Management of Patients With Prosthetic Joints Undergoing Dental Procedures Clinical Practice
Guideline (2014):
<https://ebd.ada.org/en/evidence/guidelines/management-of-patients-with-prosthetic-joints>

Antibiotic stewardship and minimizing the risks of adverse effects of antibiotics are among the key points highlighted on the American Dental Association’s website:

<https://www.ada.org/en/member-center/oral-health-topics/antibiotic-stewardship>

Prophylactic Antibiotics for Patients With Valvular Heart Disease

AHA/ACC Guideline: 2017 AHA/ACC Focused Update of the 2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: a Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines

<https://www.ahajournals.org/doi/full/10.1161/CIR.0000000000000503>

This 2008 guideline is an update to the 1997 recommendations by the American Heart Association for the prevention of infective endocarditis.

<https://ebd.ada.org/en/evidence/guidelines/infective-endocarditis>

General/Immunizations

Article from the Journal of the American Geriatric Society: “Infectious diseases in older adults of long-term care facilities: update on approach to diagnosis and management”

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.15248>

IDSA Practice Guidelines: This page contains systematically developed clinical practice guidelines from the Infectious Diseases Society of America:

https://www.idsociety.org/practice-guideline/practice-guidelines/#/date_na_dt/DESC/0/+/.

CDC: Adult immunization schedule and resources (2021)

<https://www.cdc.gov/vaccines/schedules/hcp/imz/adult.html>

Advisory Committee on Immunization Practices (ACIP)

<https://www.cdc.gov/vaccines/acip/index.html>

Conditions of Participation From the Centers for Medicare & Medicaid Services

Federal Register:

Medicare and Medicaid Programs; Reform of Requirements for Long-Term Care Facilities

<https://www.federalregister.gov/documents/2016/10/04/2016-23503/medicare-and-medicaid-programs-reform-of-requirements-for-long-term-care-facilities>

Federal Register: Medicare and Medicaid Programs; Conditions of Participation: Immunization Standards for Long-Term Care Facilities

<https://www.federalregister.gov/documents/2005/10/07/05-19987/medicare-and-medicaid-programs-condition-of-participation-immunization-standard-for-long-term-care>

State Operations Manual Appendix PP—Guidance to Surveyors for Long Term Care Facilities (2017)

<https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/GuidanceforLawsAndRegulations/Downloads/Appendix-PP-State-Operations-Manual.pdf>

Infection Prevention and Control

Rochester Patient Safety Collaborative

[https://www.rochesterpatientsafety.com/index.cfm?Page=For Nursing Homes](https://www.rochesterpatientsafety.com/index.cfm?Page=For+Nursing+Homes)

Federal

Centers for Disease Control and Prevention (CDC) Infection Prevention in Nursing Homes and Assisted Living (Long-Term Care Facilities [LTCFs])

<https://www.cdc.gov/longtermcare/index.html>

CDC Prevention Tools in LTCFs

<https://www.cdc.gov/longtermcare/prevention/index.html>

CDC National Healthcare Safety Network LTCFs

<https://www.cdc.gov/nhsn/ltc/index.html>

AHRQ's Toolkit To Reduce CAUTI and Other HAIs in Long-Term Care Facilities

<https://www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/cauti-ltc/index.html>

CDC: Part II Fundamental Elements Needed To Prevent Transmission of Infectious Agents in Healthcare Settings. Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings (2007)

<https://www.cdc.gov/infectioncontrol/guidelines/isolation/prevention.html>

Skin and Soft Tissue Infections

IDSA Guidelines: Practice Guidelines for the Diagnosis and Management of Skin and Soft Tissue Infections: 2014 Update by the Infectious Diseases Society of America”

<https://academic.oup.com/cid/article/59/2/e10/2895845>

Article from Open Forum Infectious Diseases: “Guidelines vs. actual management of skin and soft tissue infections in the emergency department”

<https://academic.oup.com/ofid/article/5/1/ofx188/4804297>

Article from the Journal of the American Geriatric Society: “Infectious diseases in older adults of long-term care facilities: update on approach to diagnosis and management”

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.15248>

AHRQ Pub. No. 17(21)-0029
June 2021