



April 1, 2018

Dear Long Term Care Providers and Associations,

The Association for Health Facility Survey Agencies (AHFSA) is partnering with The Centers for Medicare and Medicaid Services (CMS) and The Centers for Disease Control and Prevention (CDC) on a collaborative approach to promote the prevention and control of *Clostridium difficile* Infection (CDI) in Long Term Care facilities. The goal is for State Survey Agencies to distribute an infection prevention and control resource list including CDI prevention tools compiled with support from CDC and CMS. The extensive list includes resources for hand hygiene, appropriate use of contact precautions/personal protective equipment (PPE) during care of residents with CDI, antibiotic stewardship, communication of CDI risk factors (e.g., history of CDI, recent antibiotic use) during transitions of care, and environmental cleaning. The use of this document is not required by regulation but is being provided as a resource.

AHFSA recommends for Long Term Care providers to contact your State's Quality Innovation Network-Quality Improvement Organization (QIN-QIO) and State Healthcare Associated Infections (HAI) program for additional education, resources and technical assistance. We also encourage you to sign up and report CDI events via CDC's National Healthcare Safety Network (NHSN). NHSN is the nation's most widely used healthcare-associated infection tracking system. It provides facilities, states, regions, and the nation with data needed to identify problem areas, measure progress of prevention efforts, and ultimately eliminate healthcare-associated infections.

Thank you,

A handwritten signature in blue ink, appearing to read 'Michael L. Cook', is written over the typed name.

Michael L. Cook

AHFSA President



## Long Term Care Facility

Infection Prevention and Control Resource List, including focus on Clostridium Difficile Prevention and Control

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**Infection Prevention and Control Program Resource List**  
**Version date: 10/31/2017**

**Disclaimer:** The Infection Prevention and Control Program Resource List is a representative list of internet pages which has been compiled for distribution by AHFSA with support from the Centers for Medicare and Medicaid Services (CMS) and the Centers for Disease Control and Prevention (CDC). This list is not intended to be exhaustive or exclusive, nor can it take the place of any applicable state or federal statute or regulation or official CMS policy. Website owners are solely responsible for the content of their respective sites.

**Note to user: the links below are used optimally with Microsoft Internet Explorer.**

Resources	Description	Sources
<b>Antibiotic Stewardship, <i>Clostridium difficile</i> Infection (CDI) and Multidrug-Resistant Organisms (MDROs)</b>	CDC Core Elements of Antibiotic Stewardship for Nursing Homes	<a href="https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html">https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html</a>
	CDC Implementation Resources for Antibiotic Stewardship	<a href="http://www.cdc.gov/getsmart/healthcare/implementation.html">http://www.cdc.gov/getsmart/healthcare/implementation.html</a>
	AHRQ Nursing Home Antimicrobial Stewardship Guide, which includes toolkits to: <ul style="list-style-type: none"> <li>- Implement, monitor and sustain antimicrobial stewardship program</li> <li>- Determine whether it is necessary to treat a potential infection with antibiotics</li> <li>- Help prescribing clinicians choose the right antibiotic</li> <li>- Educate and engage residents and family members</li> </ul>	<a href="https://www.ahrq.gov/nhguide/index.html">https://www.ahrq.gov/nhguide/index.html</a>
	AHRQ: Toolkit for How to Build a Nursing Home Antibioqram	<a href="https://www.ahrq.gov/nhguide/toolkits/help-clinicians-choose-the-right-antibiotic/toolkit2-concise-antibiogram-toolkit.html">https://www.ahrq.gov/nhguide/toolkits/help-clinicians-choose-the-right-antibiotic/toolkit2-concise-antibiogram-toolkit.html</a>
	California Dept. of Health ASP in Nursing Homes	<a href="https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/CA_AntimicrobialStewardshipProgramInitiative.aspx">https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/CA_AntimicrobialStewardshipProgramInitiative.aspx</a>
	2006 Management of Multi-Drug Resistant Organisms in Healthcare Settings	<a href="http://www.cdc.gov/hicpac/pdf/guidelines/MDROGuideline2006.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/MDROGuideline2006.pdf</a>
	2007 Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings	<a href="http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf">http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf</a>

Resources	Description	Sources
	2015 Update Toolkit – Facility Guidance for Control of Carbapenem-resistant <i>Enterobacteriaceae</i> (CRE)	<a href="https://www.cdc.gov/hai/organisms/cre/cre-toolkit/index.html">https://www.cdc.gov/hai/organisms/cre/cre-toolkit/index.html</a>
	Clinical Practice Guidelines for <i>Clostridium Difficile</i> Infection in Adults: 2010 Update by the Society for Healthcare Epidemiology of America (SHEA) and the Infectious Diseases Society of America (IDSA)	<a href="https://www.idsociety.org/uploadedFiles/IDSA/Guidelines-Patient_Care/PDF_Library/cdiff2010a.pdf">https://www.idsociety.org/uploadedFiles/IDSA/Guidelines-Patient_Care/PDF_Library/cdiff2010a.pdf</a>
	SHEA-IDSA Strategies to Prevention <i>Clostridium Difficile</i> Infections in Acute Care Hospitals: 2014 Update	<a href="http://www.jstor.org/stable/pdf/10.1086/676023.pdf">http://www.jstor.org/stable/pdf/10.1086/676023.pdf</a>
	National NH Quality Care Collaborative: <i>C. difficile</i> and Antibiotic Stewardship nursing home training resources	<a href="http://qioprogram.org/nursing-home-training-sessions">http://qioprogram.org/nursing-home-training-sessions</a>
	National Nursing Home Quality Improvement Campaign, NNHQIC (formerly Advancing Excellence) <i>C. Difficile</i> and Antibiotic Stewardship resources	<a href="https://www.nhqualitycampaign.org/cdifficileAntibioticStewardship.aspx">https://www.nhqualitycampaign.org/cdifficileAntibioticStewardship.aspx</a>
	NNHQIC <i>C. Difficile</i> Identification and Assessment Checklist	<a href="https://www.nhqualitycampaign.org/files/EarlyID_Assessment.pdf">https://www.nhqualitycampaign.org/files/EarlyID_Assessment.pdf</a>
	<b>Catheter-Associated Urinary Tract Infection (CAUTI)</b> <b>Catheter-Associated Urinary Tract Infection (CAUTI) – cont.</b>	CDC Catheter-Associated Urinary Tract Infection (CAUTI) Information
2009 Guideline for Prevention of Catheter-associated Urinary Tract Infections		<a href="https://www.cdc.gov/hicpac/pdf/CAUTI/CAUTIGuideline2009final.pdf">https://www.cdc.gov/hicpac/pdf/CAUTI/CAUTIGuideline2009final.pdf</a>
AHRQ Toolkit To Reduce CAUTI and Other HAIs in Long-Term Care Facilities		<a href="https://www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/cauti-ltc/index.html">https://www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/cauti-ltc/index.html</a>
2014 APIC Guide to Preventing Catheter-Associated Urinary Tract Infections		<a href="http://apic.org/Resource/_EliminationGuideForm/0ff6ae59-0a3a-4640-97b5-eee38b8bed5b/File/CAUTI_06.pdf">http://apic.org/Resource/_EliminationGuideForm/0ff6ae59-0a3a-4640-97b5-eee38b8bed5b/File/CAUTI_06.pdf</a>
Catheter-Associated Urinary Tract Infection Prevention ppt. California Dept. of Health		<a href="https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.aspx">https://www.cdph.ca.gov/Programs/CHCQ/HAI/Pages/MonitoringAdherenceToHCPracticesThatPreventInfection.aspx</a>

Resources	Description	Sources
	American Nurses Association CAUTI Prevention Toolkit	<a href="http://nursingworld.org/CAUTI-Tool">http://nursingworld.org/CAUTI-Tool</a>
	SHEA/IDSA Practice Recommendations: Strategies to Prevent Catheter-Associated Urinary Tract Infections in Acute Care Hospitals: 2014 Update	<a href="http://www.jstor.org/stable/10.1086/675718">http://www.jstor.org/stable/10.1086/675718</a> <a href="http://www.icpsne.org/SHEA%202014%20Updated%20CAUTI%20Prevention%20Guidelines%20(1).pdf">http://www.icpsne.org/SHEA%202014%20Updated%20CAUTI%20Prevention%20Guidelines%20(1).pdf</a>
<b>Central Venous Catheter Appropriate Use, Insertion and Maintenance</b>	CDC Checklist for Prevention of Central Line-Associated Blood Stream Infections (CLABSI)	<a href="https://www.cdc.gov/hai/bsi/bsi.html">https://www.cdc.gov/hai/bsi/bsi.html</a>
	2011 Guidelines for Prevention of Intravascular Catheter-related infections	<a href="https://www.cdc.gov/infectioncontrol/guidelines/bsi/index.html">https://www.cdc.gov/infectioncontrol/guidelines/bsi/index.html</a>
	AHRQ Tools for Reducing CLABSIs	<a href="https://www.ahrq.gov/professionals/education/curriculum-tools/clabsitools/index.html">https://www.ahrq.gov/professionals/education/curriculum-tools/clabsitools/index.html</a>
	SHEA/IDSA Practice Recommendation: Strategies to Prevent Central Line–Associated Bloodstream Infections in Acute Care Hospitals: 2014 Update	<a href="http://www.jstor.org/stable/10.1086/676533">http://www.jstor.org/stable/10.1086/676533</a>
<b>Construction Infection Prevention</b>	Infection Control Risk Assessment Matrix of Precautions for Construction & Renovation	<a href="http://www.premiersafetyinstitute.org/wp-content/uploads/ICRA-MatrixColorRevised-091109.pdf">http://www.premiersafetyinstitute.org/wp-content/uploads/ICRA-MatrixColorRevised-091109.pdf</a>
<b>Disinfection and Sterilization (General)</b>	2008 Guideline for Disinfection and Sterilization in Healthcare Facilities	<a href="https://www.cdc.gov/hai/pdfs/disinfection_nov_2008.pdf">https://www.cdc.gov/hai/pdfs/disinfection_nov_2008.pdf</a>
	Single Use Devices	<a href="https://www.cdc.gov/infectioncontrol/guidelines/disinfection/reuse-of-devices.html">https://www.cdc.gov/infectioncontrol/guidelines/disinfection/reuse-of-devices.html</a> <a href="http://www.ast.org/uploadedFiles/Main_Site/Content/About_Us/Guideline_Single-Use_Devices.pdf">http://www.ast.org/uploadedFiles/Main_Site/Content/About_Us/Guideline_Single-Use_Devices.pdf</a>
	CDC Infection Control – Frequently Asked Questions – Sterilization – Packaging and Storage	<a href="https://www.cdc.gov/oralhealth/infectioncontrol/faq/sterilization_cleaning.htm">https://www.cdc.gov/oralhealth/infectioncontrol/faq/sterilization_cleaning.htm</a>

Resources	Description	Sources
<b>Environmental Cleaning and Disinfection</b>	2003 CDC Guidelines for Environmental Infection Control in Health Care Facilities	<a href="https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5210a1.htm">https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5210a1.htm</a> <a href="http://www.cdc.gov/hicpac/pdf/guidelines/eic_in_HCF_03.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/eic_in_HCF_03.pdf</a> <a href="https://www.cdc.gov/hai/prevent/tap/resources.html">https://www.cdc.gov/hai/prevent/tap/resources.html</a>
	M.M. Quinn et al. / <i>American Journal of Infection Control</i> 43 (2015) 424-34. Cleaning and Disinfecting Environmental Surfaces in Health Care: Toward an Integrated Framework for Infection and Occupational Illness Prevention	<a href="http://www.ajicjournal.org/article/S0196-6553%2815%2900075-9/pdf">http://www.ajicjournal.org/article/S0196-6553%2815%2900075-9/pdf</a>
	CDC Environmental Checklist for Monitoring Terminal Cleaning	<a href="http://www.cdc.gov/HAI/toolkits/Environmental-Cleaning-Checklist-10-6-2010.pdf">http://www.cdc.gov/HAI/toolkits/Environmental-Cleaning-Checklist-10-6-2010.pdf</a>
	CDC Options for Evaluating Environmental Cleaning	<a href="https://www.cdc.gov/hai/toolkits/evaluating-environmental-cleaning.html">https://www.cdc.gov/hai/toolkits/evaluating-environmental-cleaning.html</a>
	NNHQIC – Appropriate Cleaning/Disinfection of Equipment and the Environment Checklist	<a href="https://www.nhqualitycampaign.org/files/EnvironmentalCleaning_Assessment.pdf">https://www.nhqualitycampaign.org/files/EnvironmentalCleaning_Assessment.pdf</a>
	EPA listing of disinfectant products with sporicidal activity against <i>C. difficile</i>	<a href="https://www.epa.gov/pesticide-registration/list-k-epas-registered-antimicrobial-products-effective-against-clostridium">https://www.epa.gov/pesticide-registration/list-k-epas-registered-antimicrobial-products-effective-against-clostridium</a>
	CDC Norovirus Prevention Toolkit	<a href="https://www.cdc.gov/HAI/organisms/norovirus.html">https://www.cdc.gov/HAI/organisms/norovirus.html</a> <a href="http://public.health.oregon.gov/DiseasesConditions/CommunicableDisease/Outbreaks/Documents/cleanup.pdf">http://public.health.oregon.gov/DiseasesConditions/CommunicableDisease/Outbreaks/Documents/cleanup.pdf</a>
	CDC Infection Prevention during Blood Glucose Monitoring and Insulin Administration	<a href="https://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html">https://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html</a>
	Selected EPA-registered Disinfectants	<a href="https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants">https://www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants</a>
	FDA Information for Healthcare Professionals: Risk of Transmission of Blood-borne Pathogens from Shared Use of Insulin Pens	<a href="https://www.fda.gov/Drugs/DrugSafety/PostmarketDrugSafetyInformationforPatientsandProviders/DrugSafetyInformationforHealthcareProfessionals/ucm133352.htm">https://www.fda.gov/Drugs/DrugSafety/PostmarketDrugSafetyInformationforPatientsandProviders/DrugSafetyInformationforHealthcareProfessionals/ucm133352.htm</a>

Resources	Description	Sources
	Infection Prevention during Blood Glucose Monitoring and Insulin Administration	<a href="https://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html">https://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html</a>
	Frequently Asked Questions (FAQs) regarding Assisted Blood Glucose Monitoring and Insulin Administration	<a href="http://www.cdc.gov/injectionsafety/providers/blood-glucose-monitoring_faqs.html">http://www.cdc.gov/injectionsafety/providers/blood-glucose-monitoring_faqs.html</a> <a href="http://www.ascquality.org/Library/pointofcaredevicestoolkit/ASCP%20Summary%20of%20Glucometer%20Cleaning%20Guidelines.pdf">http://www.ascquality.org/Library/pointofcaredevicestoolkit/ASCP%20Summary%20of%20Glucometer%20Cleaning%20Guidelines.pdf</a>
	2008 CDC Guideline for Disinfection and Sterilization in Healthcare Facilities	<a href="http://www.cdc.gov/hicpac/pdf/guidelines/Disinfection_Nov_2008.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/Disinfection_Nov_2008.pdf</a>
	FDA: Reprocessing of Reusable Medical Devices	<a href="https://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ReprocessingofReusableMedicalDevices/default.htm">https://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ReprocessingofReusableMedicalDevices/default.htm</a>
<b>General LTC Infection Prevention Program Resources</b>	CDC Infection Prevention Resources for Long-Term Care	<a href="http://www.cdc.gov/longtermcare">http://www.cdc.gov/longtermcare</a>
	High reliability Principles of Infection prevention in LTC	<a href="https://www.jointcommission.org/hripelc.aspx">https://www.jointcommission.org/hripelc.aspx</a>
<b>Hand Hygiene</b>	2002 CDC Hand Hygiene in Healthcare Settings	<a href="https://www.cdc.gov/handhygiene/index.html">https://www.cdc.gov/handhygiene/index.html</a>
	2009 WHO Guidelines on Hand Hygiene in Health Care	<a href="http://www.who.int/gpsc/5may/tools/9789241597906/en/">http://www.who.int/gpsc/5may/tools/9789241597906/en/</a>
	APIC Hand Hygiene page	<a href="http://www.apic.org/Resources/Topic-specific-infection-prevention/hand-hygiene">http://www.apic.org/Resources/Topic-specific-infection-prevention/hand-hygiene</a>
	The Joint Commission – Measuring Hand Hygiene Adherence: Overcoming the Challenges	<a href="http://www.jointcommission.org/assets/1/18/hh_monograph.pdf">http://www.jointcommission.org/assets/1/18/hh_monograph.pdf</a> <a href="https://www.jointcommission.org/topics/hai_hand_hygiene.aspx">https://www.jointcommission.org/topics/hai_hand_hygiene.aspx</a>
	Hand hygiene monitoring (iScrub)	<a href="https://itunes.apple.com/us/app/iscrub-lite/id329764570?mt=8">https://itunes.apple.com/us/app/iscrub-lite/id329764570?mt=8</a>
	NNHQIC– Hand Hygiene Checklist	<a href="https://www.nhqualitycampaign.org/files/HandHygiene_Assessment.pdf">https://www.nhqualitycampaign.org/files/HandHygiene_Assessment.pdf</a>
<b>Healthcare Personnel Safety</b>	CDC Vaccine Information for Adults: Recommended Vaccines for Healthcare Workers	<a href="http://www.cdc.gov/vaccines/adults/rec-vac/hcw.html">http://www.cdc.gov/vaccines/adults/rec-vac/hcw.html</a>
	Influenza: A Toolkit for Long-Term Care Employers – Increasing Influenza Vaccination among Health Care Personnel in Long-Term Care Settings	<a href="https://www.cdc.gov/flu/toolkit/long-term-care/">https://www.cdc.gov/flu/toolkit/long-term-care/</a>

Resources	Description	Sources
	Occupational Safety and Health Administration (OSHA) Bloodborne Pathogens and Needlestick Prevention Standard	<a href="https://www.osha.gov/SLTC/bloodborne pathogens/gen_guidance.html">https://www.osha.gov/SLTC/bloodborne pathogens/gen_guidance.html</a>
	Hospital Respiratory Protection Program Toolkit	<a href="https://www.osha.gov/Publications/OSHA3767.pdf">https://www.osha.gov/Publications/OSHA3767.pdf</a>
	Updated USPHS Guidelines for the Management of Occupational Exposures to HIV and recommendations for postexposure prophylaxis, 2013	<a href="https://stacks.cdc.gov/view/cdc/20711">https://stacks.cdc.gov/view/cdc/20711</a>
<b>Infection Control Program Risk Assessment</b>	Using the Risk Assessment to Set Goals and Develop the Infection Prevention and Control Plan. The Joint Commission,2010	<a href="http://www.jcrinc.com/using-the-risk-assessment-to-set-goals-and-develop-the-infection-prevention-and-control-plan/">http://www.jcrinc.com/using-the-risk-assessment-to-set-goals-and-develop-the-infection-prevention-and-control-plan/</a>
	Risk Assessment Tool	<a href="https://spice.unc.edu/infection-control-tools-policy-risk-assessment-competency-and-more/">https://spice.unc.edu/infection-control-tools-policy-risk-assessment-competency-and-more/</a>
	Larson E, Aiello A. Systematic risk assessment methods for the infection control professional. Am J Infect Control 2006; 34:323-6	<a href="https://deepblue.lib.umich.edu/bitstream/handle/2027.42/55416/Larson%20E.%20Systematic%20risk%20assessment%20methods.pdf?sequence=1">https://deepblue.lib.umich.edu/bitstream/handle/2027.42/55416/Larson%20E.%20Systematic%20risk%20assessment%20methods.pdf?sequence=1</a>
<b>Infection Surveillance (Long-Term Care)</b>	Tracking Infections in Long Term Care	<a href="https://www.cdc.gov/nhsn/ltc/index.html">https://www.cdc.gov/nhsn/ltc/index.html</a>  <a href="http://www.fadona.org/2017/116%20Surveillance%20Definitions%20of%20Infections%20in%20Long-Term%20Care%20Facilities.pdf">http://www.fadona.org/2017/116%20Surveillance%20Definitions%20of%20Infections%20in%20Long-Term%20Care%20Facilities.pdf</a>  <b>Tips for Surveillance:</b> <a href="http://www.health.state.mn.us/divs/idepc/dtopics/antibioticresistance/asp/ltc/apxj.pdf">http://www.health.state.mn.us/divs/idepc/dtopics/antibioticresistance/asp/ltc/apxj.pdf</a>
<b>Interfacility Transfer Form</b>	CDC Example 1	<a href="https://www.cdc.gov/hai/pdfs/toolkits/InfectionControlTransferFormExample1.pdf">https://www.cdc.gov/hai/pdfs/toolkits/InfectionControlTransferFormExample1.pdf</a>
	CDC Example 2	<a href="https://www.cdc.gov/hai/pdfs/toolkits/InfectionControlTransferFormExample2.pdf">https://www.cdc.gov/hai/pdfs/toolkits/InfectionControlTransferFormExample2.pdf</a>
	AHRQ Medical Care Referral Form	<a href="https://www.ahrq.gov/sites/default/files/wysiwyg/nhguide/4_TK2_T1-Medical_Care_Referral_Form.pdf">https://www.ahrq.gov/sites/default/files/wysiwyg/nhguide/4_TK2_T1-Medical_Care_Referral_Form.pdf</a>



Resources	Description	Sources
<b>Narcotic Diversion</b>	2016 Hospital ASHP Guidelines on Preventing Diversion of Controlled Substances	<a href="http://ajhp.org/content/early/2016/12/22/ajhp160919">http://ajhp.org/content/early/2016/12/22/ajhp160919</a>
<b>Personal Protective Equipment (PPE) and Transmission based precautions</b>	2007 CDC Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings	<a href="https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html">https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html</a>
	CDC Guidance for the Selection and Use of Personal Protective Equipment in Healthcare Settings	<a href="https://www.cdc.gov/HAI/prevent/ppe.html">https://www.cdc.gov/HAI/prevent/ppe.html</a>
	CDC Sequence for Donning and Removing Personal Protective Equipment	<a href="http://www.cdc.gov/hai/pdfs/ppe/PPE-Sequence.pdf">http://www.cdc.gov/hai/pdfs/ppe/PPE-Sequence.pdf</a>
<b>Personal Protective Equipment (PPE) and Transmission based precautions – cont.</b>	Washington State transmission-based precautions signage	<a href="http://www.wsha.org/quality-safety/projects/standardization/">http://www.wsha.org/quality-safety/projects/standardization/</a>
<b>Pneumonia Prevention</b>	2003 CDC Guidelines for Preventing Healthcare-associated Pneumonia	<a href="http://www.cdc.gov/hicpac/pdf/guidelines/CDCpneumo_guidelines.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/CDCpneumo_guidelines.pdf</a>
	Bronchoscopy Suite Infection Prevention	<a href="http://www.atsjournals.org/doi/full/10.1164/rccm.200208-797CC#readcube-epdf">http://www.atsjournals.org/doi/full/10.1164/rccm.200208-797CC#readcube-epdf</a>
	APIC Resource guides to prevention of Pneumonia	<a href="http://www.apic.org/Resource_/TinyMceFileManager/Periodical_Images/Preventing_HAP_Fall2015.pdf">http://www.apic.org/Resource_/TinyMceFileManager/Periodical_Images/Preventing_HAP_Fall2015.pdf</a>  <a href="http://www.apic.org/Resource_/EliminationGuideForm/18e326ad-b484-471c-9c35-6822a53ee4a2/File/VAP_09.pdf">http://www.apic.org/Resource_/EliminationGuideForm/18e326ad-b484-471c-9c35-6822a53ee4a2/File/VAP_09.pdf</a>
<b>Resources to Assist with Evaluation and Response to Breaches in Infection Control</b>	Patel PR, Srinivasan A, Perz JF. Developing a broader approach to management of infection control breaches in health care settings. Am J Infect Control. 2008 Dec; 36(10); 685-90	<a href="http://www.ajicjournal.org/article/S0196-6553(08)00683-4/abstract">http://www.ajicjournal.org/article/S0196-6553(08)00683-4/abstract</a>
	Steps for Evaluating an IC Breach	<a href="http://www.cdc.gov/hai/outbreaks/steps_for_eval_IC_breach.html">http://www.cdc.gov/hai/outbreaks/steps_for_eval_IC_breach.html</a>
	Patient Notification Toolkit	<a href="http://www.cdc.gov/injectionsafety/pntoolkit/index.html">http://www.cdc.gov/injectionsafety/pntoolkit/index.html</a>

Resources	Description	Sources
<b>Respiratory Hygiene/Cough Etiquette</b>	2007 CDC Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings	<a href="https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html">https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html</a>
	Recommendations for Preventing the Spread of Influenza	<a href="http://www.cdc.gov/flu/professionals/infectioncontrol/">http://www.cdc.gov/flu/professionals/infectioncontrol/</a>
	CDC Interim Guidance for Influenza Outbreak Management in LTCFs	<a href="https://www.cdc.gov/flu/professionals/infectioncontrol/ltc-facility-guidance.htm">https://www.cdc.gov/flu/professionals/infectioncontrol/ltc-facility-guidance.htm</a>
<b>Safe Injection Practices</b>	CDC training video and related Safe Injection Practices Campaign materials	<a href="http://oneandonlycampaign.org">http://oneandonlycampaign.org</a>
	2007 CDC Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings	<a href="https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html">https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html</a>
	APIC Position paper 2016: Safe Injection, Infusion, and medication vial practices	<a href="http://www.apic.org/Resource_/TinyMceFileManager/Position_Statements/2016APICSIPPositionPaper.pdf">http://www.apic.org/Resource_/TinyMceFileManager/Position_Statements/2016APICSIPPositionPaper.pdf</a>
<b>Textiles</b>	Hospital Hygienically Clean Reusable Textiles	<p>2011 HLAC Standards  <a href="http://sourceamericaundry.mindtouch.us/@api/deki/files/572/2011_HLAC_Standards_-_Released_June_15_2011.pdf">http://sourceamericaundry.mindtouch.us/@api/deki/files/572/2011_HLAC_Standards_-_Released_June_15_2011.pdf</a></p> <p>2015 HLAC Update  <a href="http://www.trsa.org/sites/default/files/uploads/documents/hygienic_trsa_standard.pdf">http://www.trsa.org/sites/default/files/uploads/documents/hygienic_trsa_standard.pdf</a></p>
<b>Water Management /Legionella prevention</b>	CDC resources for Developing a Water Management Program to Reduce <i>Legionella</i> Growth & Spread in Buildings	<a href="https://www.cdc.gov/legionella/clinicians.html">https://www.cdc.gov/legionella/clinicians.html</a> <a href="https://www.cdc.gov/legionella/maintenance/wmp-toolkit.html">https://www.cdc.gov/legionella/maintenance/wmp-toolkit.html</a> <a href="https://www.cdc.gov/legionella/downloads/toolkit.pdf">https://www.cdc.gov/legionella/downloads/toolkit.pdf</a>
<b>State IP Resources for LTCF</b>	Minnesota IPC resources Long-term care	<a href="http://www.health.state.mn.us/divs/idepc/dtopics/infectioncontrol/guidelines.html#ltc">http://www.health.state.mn.us/divs/idepc/dtopics/infectioncontrol/guidelines.html#ltc</a>
	University of Rochester Medical Center CDI Prevention in NHs	<a href="http://www.rochesterpatientsafety.com/index.cfm?Page=For%20Nursing%20Homes">http://www.rochesterpatientsafety.com/index.cfm?Page=For%20Nursing%20Homes</a>
	NC Statewide Program for Infection Control, Long-term Care	<a href="https://spice.unc.edu/ltc/">https://spice.unc.edu/ltc/</a>
	Oregon HAI Tool-kit for LTC	<a href="http://public.health.oregon.gov/DiseasesConditions/CommunicableDisease/HAI/Pages/Long-Term-Care-Facilities.aspx">http://public.health.oregon.gov/DiseasesConditions/CommunicableDisease/HAI/Pages/Long-Term-Care-Facilities.aspx</a>
	Wisconsin HAI resources for LTCF	<a href="https://www.dhs.wisconsin.gov/regulations/nh/hai-resources.htm">https://www.dhs.wisconsin.gov/regulations/nh/hai-resources.htm</a>

## **QIN NCC and CMS Training Session on Communication, Antibiotic Stewardship, and C Difficile Prevention**

The Quality Innovation Network National Coordinating Center (QIN NCC), under contract with the Centers for Medicare & Medicaid Services (CMS), developed six nursing home training sessions to enhance understanding of important concepts and practices that promote team communication, antibiotic stewardship, and *C. difficile* prevention. You may access the sessions on the QIO Program website, via this link:

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

QIN-QIOs are utilizing these training sessions and resources to support nursing homes with tracking *C. difficile* infections (CDI), implementing antibiotic stewardship, and effectively preventing and managing *C. difficile* infections.

Currently, QIN-QIOs are working with nursing homes to report CDI data to the NHSN database, so the majority of their focus is on tools and resources to support training and reporting to NHSN.

Other tools that come to mind include:

- The National Nursing Home Quality Improvement Campaign has developed a CDI infections tracking tool available here: [https://www.nhqualitycampaign.org/files/tools/InfectionsTrackingTool\\_v2.1\\_11-22-16.xls](https://www.nhqualitycampaign.org/files/tools/InfectionsTrackingTool_v2.1_11-22-16.xls)
- The QIN NCC developed a CDI bundle as an attachment to the National Nursing Home Quality Care Collaborative Change Package, available here: [http://qioprogram.org/system/files\\_force/resources/documents/C2\\_Change\\_Package\\_20170511\\_508.pdf](http://qioprogram.org/system/files_force/resources/documents/C2_Change_Package_20170511_508.pdf) (the CDI bundle is Attachment 5)