

## Healthcare-Associated Infection (HAI) Online Resources

### Great Plains Quality Innovation Network

Manuals, Guidelines, Surveillance Guides, Checklists, Algorithms,  
Staff Education, Patient Education and Protocols

<http://greatplainsqin.org/initiatives/hai/>

General Topics	Focus
<a href="http://www.cdc.gov">www.cdc.gov</a> <a href="https://www.cdc.gov/infectioncontrol/guidelines/ssi/index.html">https://www.cdc.gov/infectioncontrol/guidelines/ssi/index.html</a> <a href="https://www.cdc.gov/infectioncontrol/guidelines/MRO/index.html">https://www.cdc.gov/infectioncontrol/guidelines/MRO/index.html</a>	The Centers for Disease Control (CDC) Web site is dedicated to protecting health and promoting quality of life through the prevention and control of disease, injury and disability
<a href="https://www.cdc.gov/hai/surveillance/progress-report/index.html">https://www.cdc.gov/hai/surveillance/progress-report/index.html</a>	National and State HAI Progress Report published in 2016”
<a href="http://www.apic.org">www.apic.org</a> <a href="http://www.apic.org/Professional-Practice/Implementation-guides">http://www.apic.org/Professional-Practice/Implementation-guides</a>	The Association for Professionals in Infection Control and Epidemiology (APIC) website provides a variety of resources for its members that include nurses, physicians, public health professionals, epidemiologists, microbiologists or medical technologists
<a href="http://www.ihl.org">www.ihl.org</a>	The website for the Institute for Healthcare Improvement (IHI) - offering quality improvement educational opportunities and resources
<a href="http://www.shea-online.org">www.shea-online.org</a>	The website of the Society for Healthcare Epidemiology of America (SHEA) provides resources on key topic areas in infection prevention and control
<a href="http://www.jointcommission.org/hai.aspx">http://www.jointcommission.org/hai.aspx</a>	A portal developed by the Joint Commission with multiple HAI resources
<a href="http://www.health.gov/hai/training.asp">http://www.health.gov/hai/training.asp</a>	Partnering to Heal: Teaming Up Against Healthcare-Associated Infections
Antibiotic Stewardship	Focus
<a href="http://www.cdc.gov/getsmart/healthcare/implementation/core-elements.html">http://www.cdc.gov/getsmart/healthcare/implementation/core-elements.html</a>	Antibiotic Stewardship Program Core Elements – 2014
American Hospital Association resources <a href="http://www.ahaphysicianforum.org/resources/appropriate-use/antimicrobial/index.shtml">http://www.ahaphysicianforum.org/resources/appropriate-use/antimicrobial/index.shtml</a>	All of these resources include such things as antibiograms, guidebooks, pathways, dosing protocols, antimicrobial restrictions and many other helpful links within their sites

<p>APIC resources  <a href="http://www.apic.org/Professional-Practice/Practice-Resources/Antimicrobial-Stewardship">http://www.apic.org/Professional-Practice/Practice-Resources/Antimicrobial-Stewardship</a></p>	As Above
<p>Infectious Disease Society of America  <a href="http://www.idsociety.org/Stewardship_Policy">http://www.idsociety.org/Stewardship_Policy</a></p>	As Above
<p>Johns Hopkins Medicine Antimicrobial Stewardship Program  <a href="http://www.hopkinsmedicine.org/AMP">http://www.hopkinsmedicine.org/AMP</a></p>	As Above
<p>The Society of Healthcare Epidemiology of America ~ SHEA  <a href="http://www.shea-online.org/index.php/practice-resources/priority-topics/antimicrobial-stewardship/guidelines">http://www.shea-online.org/index.php/practice-resources/priority-topics/antimicrobial-stewardship/guidelines</a></p>	As Above
<p>Nebraska Medical Center Antimicrobial Stewardship Program  <a href="http://www.nebraskamed.com/careers/education-programs/asp">http://www.nebraskamed.com/careers/education-programs/asp</a></p>	As Above
<b>CAUTI</b>	<b>Focus</b>
<p><a href="http://www.cdc.gov/HAI/ca_uti/uti.html">http://www.cdc.gov/HAI/ca_uti/uti.html</a></p>	CDC CAUTI resources for patients and healthcare providers
<p><a href="http://www.catheterout.org">www.catheterout.org</a></p>	A website developed by a team of CAUTI experts that provides CAUTI prevention guidance along with supporting evidence
<p><a href="http://partnershipforpatients.cms.gov/p4p_resources/tsp-catheterassociatedurinarytractinfections/toolcatheter-associatedurinarytractinfectionscauti.html">http://partnershipforpatients.cms.gov/p4p_resources/tsp-catheterassociatedurinarytractinfections/toolcatheter-associatedurinarytractinfectionscauti.html</a></p>	The website created by The Partnership for Patients initiative, a public-private partnership working to improve the quality, safety and affordability of health care for all Americans
<p><a href="http://apic.org/Resource_/EliminationGuideForm/6473ab9b-e75c-457a-8d0f-d57d32bc242b/File/APIC_CAUTI_web_0603.pdf">http://apic.org/Resource_/EliminationGuideForm/6473ab9b-e75c-457a-8d0f-d57d32bc242b/File/APIC_CAUTI_web_0603.pdf</a></p>	APIC Implementation Guide to Prevent CAUTI
<p><a href="http://www.apic.org/Resource_/TinyMceFileManager/Topic-specific/APIC_Infographic_-_ICU_PRINT_FINAL.pdf">http://www.apic.org/Resource_/TinyMceFileManager/Topic-specific/APIC_Infographic_-_ICU_PRINT_FINAL.pdf</a></p>	A <a href="#">special infographic</a> for intensive care unit (ICU) healthcare personnel that highlights strategies for preventing CAUTI in critically ill patients
<b>CLABSI</b>	<b>Focus</b>
<p><a href="http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf</a></p>	CDC guidelines for the prevention of intravascular catheter-related infections
<p><a href="http://www.cdc.gov/nhsn/acute-care-hospital/clabsi/index.html">http://www.cdc.gov/nhsn/acute-care-hospital/clabsi/index.html</a></p>	CDC resources and training modules for Central Line Associated Blood Stream Infection (CLABSI) National Healthcare Safety Network (NHSN) data collection/analysis

<a href="http://www.ahrq.gov/professionals/education/curriculum-tools/cusptoolkit/index.html">http://www.ahrq.gov/professionals/education/curriculum-tools/cusptoolkit/index.html</a>	The AHRQ CUSP toolkit includes training tools to make care safer by improving the foundation of how physicians, nurses and other clinical team members work together. It builds the capacity to address safety issues by combining clinical best practices and the science of safety
<a href="http://www.cdc.gov/nhsn/acute-care-hospital/clip/index.html">http://www.cdc.gov/nhsn/acute-care-hospital/clip/index.html</a>	CDC resources and training modules for Central Line Insertion Practice (CLIP) adherence data collection/analysis
<a href="http://www.cdc.gov/HAI/bsi/CLABSI-resources.html">http://www.cdc.gov/HAI/bsi/CLABSI-resources.html</a>	Resources for patients and healthcare providers.
<a href="http://www.jstor.org/stable/10.1086/676533">http://www.jstor.org/stable/10.1086/676533</a>	The Society for Healthcare Epidemiology of America (SHEA) Strategies to Prevent CLABSIs in Acute Care Hospitals: 2014 Update
<b>Clostridium difficile (CDI)</b>	<b>Focus</b>
<a href="http://www.cdc.gov/HAI/organisms/cdiff/Cdiff_infect.html">http://www.cdc.gov/HAI/organisms/cdiff/Cdiff_infect.html</a>	CDC CDI resources for patients and healthcare providers
<a href="http://www.mayoclinic.org/diseases-conditions/c-difficile/basics/prevention/con-20029664">http://www.mayoclinic.org/diseases-conditions/c-difficile/basics/prevention/con-20029664</a>	Mayo Clinic: CDI Prevention
<a href="http://gi.org/wp-content/uploads/2016/05/ajg2016126a.pdf">http://gi.org/wp-content/uploads/2016/05/ajg2016126a.pdf</a>	Guidelines for Diagnosis, Treatment and Prevention of Clostridium difficile Infections (American College of Gastroenterology)
<a href="http://www.guideline.gov/content.aspx?id=45139">http://www.guideline.gov/content.aspx?id=45139</a>	AHRQ guidelines for diagnosis, treatment and prevention of Clostridium difficile Infections
<a href="http://www.webmd.com/digestive-disorders/clostridium-difficile-colitis">http://www.webmd.com/digestive-disorders/clostridium-difficile-colitis</a>	Web MD: C. difficile: Causes, Symptoms and Treatments
<a href="https://www.cdc.gov/nhsn/pdfs/pscmanual/12pscmδρο_cdadcurrent.pdf">https://www.cdc.gov/nhsn/pdfs/pscmanual/12pscmδρο_cdadcurrent.pdf</a>	NHSN Multidrug-Resistant Organism (MDRO) and CDI Module
<a href="http://apic.org/Professional-Practice/CDIresources">http://apic.org/Professional-Practice/CDIresources</a>	APIC resources include a CDI Toolkit for reducing C. Difficile Infections as well as a guide to preventing C-Diff.
<a href="http://www.ihl.org/resources/Pages/ImprovementStories/ReducingHospitalAcquiredClostridiumdifficileonaMedicalRenalUnit.aspx">http://www.ihl.org/resources/Pages/ImprovementStories/ReducingHospitalAcquiredClostridiumdifficileonaMedicalRenalUnit.aspx</a>	IHI has an improvement story on their website of a Renal Unit and their journey to reduce C-Diff.
<b>Consumer Engagement</b>	<b>Focus</b>
<a href="http://www.leadyourhealthks.org">www.leadyourhealthks.org</a> *	Lead Your Health for Kansas Medicare consumers
<a href="http://www.ltombudsman.org">www.ltombudsman.org</a> *	National Long-Term Care Ombudsman
<a href="http://www.medicare.gov">www.medicare.gov</a> *	Medicare official site
<a href="http://www.va.gov">www.va.gov</a> *	US Department of Veterans Affairs
<a href="http://www.aoa.gov">www.aoa.gov</a> *	Administration on Aging
<a href="http://www.ahrq.gov">www.ahrq.gov</a> *	Agency for Healthcare Research and Quality
<a href="http://www.benefits.gov">www.benefits.gov</a> *	Provides information on how to apply for assistance to various program
<a href="http://www.ihs.gov">www.ihs.gov</a> *	Indian Health Services
<a href="http://www.healthcarerights.org">www.healthcarerights.org</a> *	Center for Healthcare Rights

<a href="http://consumers.site.apic.org/infographics-and-more/infographics/">http://consumers.site.apic.org/infographics-and-more/infographics/</a> *	APIC ABC's of Antibiotics
<a href="http://www.rwjf.org/content/dam/farm/reports/issue_briefs/2014/rwjf411218">http://www.rwjf.org/content/dam/farm/reports/issue_briefs/2014/rwjf411218</a> *	Robert Wood Johnson Foundation: Patient Engagement Resource Guide - lists multiple tools to use for patient/family engagement
<b>Hand Hygiene</b>	<b>Focus</b>
<a href="http://www.cdc.gov/handhygiene/Patient_materials.html">http://www.cdc.gov/handhygiene/Patient_materials.html</a> <a href="http://www.cdc.gov/handhygiene/training.html">http://www.cdc.gov/handhygiene/training.html</a> <a href="http://www.cdc.gov/flu/index.htm">http://www.cdc.gov/flu/index.htm</a>	CDC website dedicated to hand hygiene training for healthcare facilities
<a href="http://www.cdc.gov/handhygiene/Resources.html">http://www.cdc.gov/handhygiene/Resources.html</a>	Promotional materials – posters, video
<a href="http://www.cdc.gov/handhygiene/training/interactiveEducation/">http://www.cdc.gov/handhygiene/training/interactiveEducation/</a>	CDC interactive training course on hand hygiene
<a href="http://www.who.int/gpsc/5may/tools/9789241597906/en/">http://www.who.int/gpsc/5may/tools/9789241597906/en/</a>	The World Health Organization (WHO) training and guidance
<a href="http://www.who.int/gpsc/5may/en/">http://www.who.int/gpsc/5may/en/</a>	The WHO 2015 campaign website “Save lives, Clean your Hands”
<a href="http://www.ihl.org/resources/Pages/Tools/HowtoGuideImprovingHandHygiene.aspx">http://www.ihl.org/resources/Pages/Tools/HowtoGuideImprovingHandHygiene.aspx</a>	IHI Guide for improving hand hygiene compliance
<a href="http://www.centerfortransforminghealthcare.org/projects/detail.aspx?Project=3">http://www.centerfortransforminghealthcare.org/projects/detail.aspx?Project=3</a>	The Joint Commission website for transforming care
<a href="https://www.cdc.gov/CDCTV/Healthyliving/hygiene/flight-germs-wash-hands.html">https://www.cdc.gov/CDCTV/Healthyliving/hygiene/flight-germs-wash-hands.html</a>	Video on hand hygiene
<a href="http://www.apic.org/Resource/EducationalBrochureForm/35946419-b224-4635-a5b6-07d666118531/File/Infection-Control-Tips-Handwashing-Brochure.pdf">http://www.apic.org/Resource/EducationalBrochureForm/35946419-b224-4635-a5b6-07d666118531/File/Infection-Control-Tips-Handwashing-Brochure.pdf</a>	APIC infection control tips for hand hygiene
<b>HRET HIIN</b>	<b>Focus</b>
<a href="http://www.hret-hiin.org/topics/catheter-associated-urinary-tract-infection.shtml">http://www.hret-hiin.org/topics/catheter-associated-urinary-tract-infection.shtml</a>	A comprehensive resource to guide CAUTI prevention/reduction.
<a href="http://www.hret-hiin.org/topics/clostridium-difficile-infection.shtml">http://www.hret-hiin.org/topics/clostridium-difficile-infection.shtml</a>	A comprehensive resource to guide CDI prevention/reduction.
<a href="http://www.hret-hiin.org/topics/central-line-associated-bloodstream-infection.shtml">http://www.hret-hiin.org/topics/central-line-associated-bloodstream-infection.shtml</a>	A comprehensive resource to guide CLABSI prevention/reduction.
<a href="http://www.hret-hiin.org/topics/multi-drug-resistant-organisms.shtml">http://www.hret-hiin.org/topics/multi-drug-resistant-organisms.shtml</a>	A comprehensive resource to guide MDRO prevention/reduction.
<a href="http://www.hret-hiin.org/topics/sepsis.shtml">http://www.hret-hiin.org/topics/sepsis.shtml</a>	A comprehensive resource to guide sepsis prevention/reduction.
<a href="http://www.hret-hiin.org/topics/surgical-site-infection.shtml">http://www.hret-hiin.org/topics/surgical-site-infection.shtml</a>	A comprehensive resource to guide SSI prevention/reduction.
<a href="http://www.hret-hiin.org/topics/ventilator-associated-event.shtml">http://www.hret-hiin.org/topics/ventilator-associated-event.shtml</a>	A comprehensive resource to guide VAE prevention/reduction.

Ventilator Associated Events	Focus
<a href="http://www.cdc.gov/nhsn/acute-care-hospital/vae/index.html">http://www.cdc.gov/nhsn/acute-care-hospital/vae/index.html</a> <a href="http://www.cdc.gov/nhsn/inpatient-rehab/vae/index.html">http://www.cdc.gov/nhsn/inpatient-rehab/vae/index.html</a> <a href="http://www.cdc.gov/nhsn/ltach/vae/index.html">http://www.cdc.gov/nhsn/ltach/vae/index.html</a>	NHSN websites with the VAE protocol training module, data collection forms and FAQ's for different levels of healthcare facilities
<a href="http://www.cdc.gov/nhsn/VAE-calculator/index.html">http://www.cdc.gov/nhsn/VAE-calculator/index.html</a>	The VAE calculator is a tool to determine if an event is present and the level
<a href="http://ajcc.aacnjournals.org/content/22/6/469.full.pdf+html">http://ajcc.aacnjournals.org/content/22/6/469.full.pdf+html</a>	Article on VAE definitions
<a href="http://www.ihl.org/Topics/VAP/Pages/default.aspx">http://www.ihl.org/Topics/VAP/Pages/default.aspx</a>	IHI resources on prevention of VAP, including how to guide and bundle checklist
<a href="http://www.jstor.org/stable/10.1086/677144">http://www.jstor.org/stable/10.1086/677144</a>	SHEA compendium on strategies to prevent VAP-2014 Update

*\*Consumer focused websites*

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