



**Quality Improvement
Organizations**

Sharing Knowledge. Improving Health Care.
CENTERS FOR MEDICARE & MEDICAID SERVICES

**Lake Superior
Quality Innovation
Network**

MICHIGAN | MINNESOTA | WISCONSIN

Health Care-Associated Infections (HAI) Online Resources Quick Reference Lake Superior Quality Innovation Network

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

Lake Superior QIN	
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General Topics	Focus
www.cdc.gov http://www.cdc.gov/hicpac/pubs.html	The Centers for Disease Control and Prevention (CDC) website is dedicated to protecting health and promoting quality of life through the prevention and control of disease, injury, and disability. Healthcare Infection Control Practices Advisory Committee (HICPAC) guidelines
http://www.cdc.gov/hai/progress-report/index.html	2013 National and State Healthcare-Associated Infections Standardized Infection Ratio (SIR) Report, created by the CDC, using HAI data reported to the National Healthcare Safety Network
www.apic.org http://www.apic.org/Professional-Practice/Implementation-guides	Association for Professionals in Infection Control and Epidemiology (APIC) website - variety of resources for its members that include nurses, physicians, public health professionals, epidemiologists, microbiologists or medical technologists APIC HAI implementation guides
www.ihl.org	Institute for Healthcare Improvement (IHI) website - offering quality improvement educational opportunities and resources
www.shea-online.org	Society for Healthcare Epidemiology of America (SHEA) website provides resources on key topic areas in infection prevention and control
http://www.jstor.org/stable/10.1086/675819	SHEA/IDSA practice recommendations

http://www.jointcommission.org/hai.aspx	An infection prevention and HAI portal developed by The Joint Commission (TJC)
http://cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/QualityInitiativesGenInfo/CMS-Quality-Strategy.html	CMS Quality Strategy is the foundation of the for Health and Human Services (HHS) National Quality Strategy (NQS).to reduce/prevent HAI
http://www.health.gov/hai/prevent_hai.asp	HHS National Action Plan to Prevent Health Care-Associated Infections: Road Map to Elimination
CLABSI	Focus
http://www.cdc.gov/nhsn/acute-care-hospital/clabsi/index.html	CDC resources and training modules for Central Line Associated Blood Stream Infection (CLABSI) National Healthcare Safety Network (NHSN) data collection/analysis
http://www.cdc.gov/nhsn/acute-care-hospital/clip/index.html	CDC resources and training modules for Central Line Insertion Practice (CLIP) adherence data collection/ analysis in NHSN
http://www.cdc.gov/HAI/bsi/bsi.html	CDC CLABSI resources for patients and healthcare providers
http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf	CDC guidelines for the prevention of intravascular catheter-related infections 2011
http://www.onthecuspstophai.org/on-the-cuspstop-bsi/	CLABSI Elimination Toolkit created by the Comprehensive Unit-based Safety Program (CUSP) to eliminate HAIs. The CLABSI toolkit helps hospital units implement evidence-based practices and eliminate CLABSIs at the unit level. Designed for used with the CUSP model or <i>The CUSP Toolkit</i>
http://www.jstor.org/stable/10.1086/676533	Society for Healthcare Epidemiology of America (SHEA) IDSA Practice Recommendation Strategies to Prevent CLABSIs in Acute Care Hospitals: 2014 Update
CAUTI	Focus
http://www.cdc.gov/nhsn/acute-care-hospital/CAUTI/index.html	CDC resources and training modules for Catheter Associated Urinary Tract infection (CAUTI) National Healthcare Safety Network (NHSN) data collection/analysis
http://www.cdc.gov/HAI/ca_uti/uti.html	CDC CAUTI resources for patients and healthcare providers
www.catheterout.org	Website developed by a team of CAUTI experts that provides CAUTI prevention guidance along with supporting evidence
http://www.onthecuspstophai.org/on-the-cuspstop-cauti/	Website of the national, AHRQ-funded CUSP initiatives to eliminate HAIs, including <i>On the CUSP: Stop CAUTI</i>
http://partnershipforpatients.cms.gov/p4p_resources/ts-p-catheterassociatedurinarytractinfections/toolcatheter-associatedurinarytractinfectionscauti.html	Website created by the Partnership for Patients initiative, a public-private partnership.

http://apic.org/Resource/EliminationGuideForm/6473ab9b-e75c-457a-8d0f-d57d32bc242b/File/APIC_CAUTI_web_0603.pdf	APIC Implementation Guide to Prevent CAUTI 2014
http://www.jstor.org/stable/10.1086/675718	SHEA/IDSA Practice Recommendation Strategies to Prevent Catheter-Associated Urinary Tract Infections in Acute Care Hospitals: 2014 Update
<i>Clostridium difficile</i> Infections(CDI)	Focus
http://www.cdc.gov/nhsn/acute-care-hospital/cdiff-mrsa/index.html	CDC resources and training modules for <i>C. Difficile</i> infections (CDI) National Healthcare Safety Network (NHSN) data collection/analysis
http://www.cdc.gov/HAI/organisms/cdiff/Cdiff_infect.html	CDC CDI resources for patients and healthcare providers
http://gi.org/wp-content/uploads/2013/04/ACG_Guideline_Cdifficile_April_2013.pdf	Guidelines for Diagnosis, Treatment and Prevention of <i>Clostridium difficile</i> Infections (American College of Gastroenterology)
http://apic.org/Resource/EliminationGuideForm/e3a85b7e-7ad8-4ab6-9892-54aef516cf10/File/2013CDiffFinal.pdf	APIC Implementation Guide to Preventing <i>Clostridium difficile</i> Infections (2013)
http://www.jstor.org/stable/10.1086/676023	SHEA/IDSA Practice Recommendation Strategies to Prevent <i>Clostridium difficile</i> Infections in Acute Care Hospitals: 2014 Update
Antibiotic Stewardship	Focus
http://www.cdc.gov/getsmart/healthcare/implementation/core-elements.html	CDC Antibiotic Stewardship Program Core Elements – 2014
http://www.ahaphysicianforum.org/resources/appropriate-use/antimicrobial/index.shtml	American Hospital Association resources for antimicrobial stewardship
http://www.apic.org/Professional-Practice/Practice-Resources/Antimicrobial-Stewardship	APIC resources for antimicrobial stewardship
http://www.idsociety.org/Stewardship_Policy	Infectious Disease Society of America resources for antimicrobial stewardship
http://www.hopkinsmedicine.org/AMP	Johns Hopkins Medicine Antimicrobial Stewardship Program
http://www.shea-online.org/PriorityTopics/AntimicrobialStewardship.aspx	The Society of Healthcare Epidemiology of America SHEA Antimicrobial Stewardship
Ventilator-Associated Events	Focus
http://www.cdc.gov/nhsn/acute-care-hospital/vae/index.html http://www.cdc.gov/nhsn/inpatient-rehab/vae/index.html http://www.cdc.gov/nhsn/ltach/vae/index.html	NHSN websites with the VAE protocol training module, data collection forms and FAQ's for different levels of healthcare facilities
http://www.cdc.gov/nhsn/VAE-calculator/index.html	VAE calculator is a tool to determine if an event is present and the level

http://www.cdc.gov/HAI/vap/vap.html	CDC resources on ventilator-associated pneumonia
http://ajcc.aacnjournals.org/content/22/6/469.full.pdf+html	Article on Developing a new national approach to surveillance for VAE
http://www.ihl.org/Topics/VAP/Pages/default.aspx	IHI resources on prevention of VAP, including how to guide and bundle checklist
http://www.jstor.org/stable/10.1086/677144	SHEA/IDSA Practice Recommendation Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals: 2014 Update
http://www.medscape.com/viewarticle/837000?nlid=75823_565&src=wnl_edit_medp_pulm&uac=72454SN&spon=13	Prevention of Ventilator-Associated Pneumonia and Ventilator-Associated Conditions article
Hand Hygiene	Focus
http://www.cdc.gov/handhygiene/Patient_materials.html http://www.cdc.gov/handhygiene/training.html http://www.cdc.gov/flu/index.htm	CDC website dedicated to hand hygiene training for healthcare facilities, and 2014 Campaign
http://www.cdc.gov/handhygiene/Resources.html	Promotional materials – posters, video
http://www.cdc.gov/handhygiene/training/interactiveEducation/	CDC interactive training course on hand hygiene
http://www.who.int/gpsc/5may/tools/9789241597906/en/ http://www.who.int/gpsc/5may/en/	World Health Organization (WHO) training and guidance WHO campaign website: “Save lives, Clean your Hands”
http://www.ihl.org/resources/Pages/Tools/HowtoGuideImprovingHandHygiene.aspx	IHI Guide for improving hand hygiene compliance
http://www.centerfortransforminghealthcare.org/projects/detail.aspx?Project=3	The Joint Commission website for transforming care
http://www.cdc.gov/CDCTV/HandsTogether/index.html	Video on hand hygiene
http://www.jstor.org/stable/10.1086/677145	SHEA/IDSA Practice Recommendation: Strategies to Prevent Healthcare-Associated Infections through Hand Hygiene
http://www.ihl.org/resources/Pages/Tools/HowtoGuideImprovingHandHygiene.aspx	IHI Guide for improving hand hygiene compliance
http://www.centerfortransforminghealthcare.org/projects/detail.aspx?Project=3	The Joint Commission website for transforming care
http://www.cdc.gov/CDCTV/HandsTogether/index.html	Video on hand hygiene
http://www.apic.org/Resource/EducationalBrochureForm/35946419-b224-4635-a5b6-07d666118531/File/Infection-Control-Tips-Handwashing-Brochure.pdf	APIC infection control tips for hand hygiene

Consumer Engagement	Focus
www.ltombudsman.org *	National Long-Term Care Ombudsman
www.medicare.gov *	Medicare official site
www.ahrq.gov *	Agency for Healthcare Research and Quality
http://www.hpoe.org/Reports-HPOE/Patient Family Engagement 2013.pdf	Leadership resources for patient and family engagement strategies
http://consumers.site.apic.org/infographics-and-more/infographics/	APIC ABC's of Antibiotics
http://www.rwjf.org/content/dam/farm/reports/issue_briefs/2014/rwjf411218	Robert Wood Johnson Foundation: Patient Engagement Resource Guide - lists multiple tools to use for patient/family engagement
http://www.medicare.gov/hospitalcompare/search.html	Hospital Compare has information about the quality of care at over 4,000 Medicare-certified hospitals across the country
State-Specific HAI Resources – Michigan	
http://michigan.gov/mdch/0,1607,7-132-2945_5104_55205_55210-229973--,00.html	Michigan Department of Community Health Surveillance for Healthcare-Associated & Resistant Pathogens (SHARP) unit
http://www.mhakeystonecenter.org/providers.htm	Michigan Hospital and Health Association Keystone Center
State-Specific HAI Resources – Minnesota	
http://www.mnhospitals.org/patient-safety	Minnesota Hospital Association - HAI Roadmap with HAI Bundles
http://www.health.state.mn.us/divs/idepc/dtopics/hai/index.html	Minnesota Department of Health HAI website
http://mnreducinghais.org/index.html	CHAIN Collaborative Healthcare-Associated Infection Network
State-Specific HAI Resources – Wisconsin	
https://www.dhs.wisconsin.gov/hai/index.htm	Wisconsin Department of Health Services HAI prevention website
https://www.dhs.wisconsin.gov/regulations/nh/hai-introduction.htm	Wisconsin HAIs in Long-Term Care Coalition
http://www.wha.org/quality.aspx	Wisconsin Hospital Association: quality and patient safety

*Consumer focused websites

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