

Hand Hygiene Toolkit

Explore the many resources
available to you ...



According to the CDC, studies show that on average, healthcare providers clean their hands less than half of the times they should. This contributes to the spread of healthcare-associated infections that affect 1 in 25 hospital patients on any given day.

Agency for Healthcare Research and Quality
APIC
Centers for Disease Control and Prevention (CDC)
Centers for Medicare and Medicaid Services (CMS)
Colorado Department of Public Health and Environment (CDPHE)
Colorado Dialysis Collaborative
Electronic Hand Hygiene Monitoring
Fluorescent Markers for Assessing Hand Hygiene & Environmental Cleaning
Guidelines and Strategies
Institute for Healthcare Improvement (IHI)
John's Hopkins Medicine
Joint Commission
Minnesota Department of Health
National Institute of Health (NIH)
Norwegian Institute of Public Health
Oklahoma State Department of Health
Public Health Ontario
Sepsis Resources
Society for Healthcare Epidemiology of America (SHEA)
The University of North Carolina at Chapel Hill: Statewide Programs for Infection Control and Epidemiology (SPICE)
U.S. Department of Veterans Affairs
Vendor Resources
World Health Organization (WHO)

Fun Stuff!

Agency for Healthcare Research and Quality

- [Excel Spreadsheet for Computing Grams of Alcohol Product Used per 1000 Patient Days](#)

APIC

- [Implementation Guide to Hand Hygiene Programs for Infection Prevention](#)
- APIC Text (subscription required) - [27. Hand Hygiene](#)
- [American Journal of Infection Control Hand Hygiene Article Collection](#) (subscription required)
- [2017 Film Festival Winners \(videos\)](#)
- [2018 Film Festival Winners \(videos\)](#)
- [2019 Film Festival Nominees \(videos\)](#)

Centers for Disease Control and Prevention (CDC)

- [CDC Guideline for Hand Hygiene in Health-Care Settings \(2002\)](#)
- [Posters | Handwashing | CDC](#)
- [Course Launch | CDC Hand Hygiene Interactive Education](#) – This free, 10-15-minute interactive web course reviews hand hygiene and standard precautions; includes short video and “test questions” throughout (could be used for staff competency learning)
- Video – [Clean Hands Count - YouTube](#) or [alternate link](#)
- Video – Fight Germs. Wash Your Hands! (available in [English](#) and [Spanish](#))
- Order free (or download) [Clean Hands Count print materials](#) (now available in Spanish)

Centers for Medicare and Medicaid Services (CMS)

- [What CMS Surveyors are Looking For](#) – Perform a self-assessment using the same tool CMS surveyors use when evaluating hand hygiene practices

Colorado Department of Public Health and Environment (CDPHE)

- [HAI Resources for Professionals](#)
 - Hand Hygiene – 60 Second Check
 - Posters: Hand Hygiene and Glove Use
 - Competency: Hand Hygiene/Gloving

Colorado Dialysis Collaborative

- [Hand Hygiene and Gloving Observation Audit Tool](#)

Electronic Hand Hygiene Monitoring

- [AeroScout](#) (Stanley Healthcare)
- [BioVigil](#)
- [Centrak](#)
- [DebMed](#)
- [Ecolab](#)
- [SwipeSense](#)
- [Google Scholar](#) – search for electronic hand hygiene monitoring

Fluorescent Markers for Assessing Hand Hygiene & Environmental Cleaning

- Brevis Corporation (a.k.a. GlitterBug®)
 - [GlitterBug fluorescent products](#)
 - [Posters, Stickers, etc.](#) (inexpensive) (click on signage)
 - [GlitterBug Handwash Timer app](#)
- DAZO® (Ecolab)
 - [Fluorescent Marking Gel](#)
- GermJuice®
 - [GermJuice fluorescent products](#)
- Glo-Germ™
 - [Glo Germ fluorescent products](#)
- [How to use fluorescent products on the unit](#) (John's Hopkins/GlitterBug)

Guidelines and Strategies

- [CDC Guideline for Hand Hygiene in Healthcare Settings, 2002](#)
- WHO Guidelines on Hand Hygiene in Health Care, 2009
 - [Full Guidelines](#)
 - [Summary of Guidelines](#)
- [SHEA Strategies to Prevent Healthcare-Associated Infections through Hand Hygiene, 2014](#)



This award-winning [video](#) from Wake Forest Baptist Health tracks all the people and surfaces health care personnel touch in one day, from the hand's point of view.

Health.gov

- [Partnering to Heal](#) is a computer-based, video-simulation training program on infection control practices for clinicians, health professional students, and patient advocates.

Institute for Healthcare Improvement (IHI)

- [How-to Guide: Improving Hand Hygiene](#) – This guide provides a framework for projects aimed at improving hand hygiene and the use of gloves among health care workers; developed in collaboration with CDC, APIC, and SHEA and includes monitoring forms
 - Note: You will need to register for a free account to access.
- [Improving Hand Hygiene Practice with Six Sigma](#) – storyboard account of one system's success
- [The Sound of Two Hands Washing: Improving Hand Hygiene](#) – Explores several facilities' innovative approaches to improving hand hygiene, including the concept of random auditing
- [Hand Hygiene Knowledge Assessment Questionnaire](#) - This questionnaire may be used to survey clinical staff about their knowledge of key hand hygiene information; included in the Institute for Healthcare Improvement's "How-to Guide: Improving Hand Hygiene"
- [Checklist for the Availability of Alcohol-Based Hand Rub and Clean Gloves](#) – May be used to assess the availability of alcohol-based hand rub and clean gloves in patient care areas; included in Institute for Healthcare Improvement's "How-to Guide: Improving Hand Hygiene"
- [Hand Hygiene and Glove Use Monitoring Form](#) – May be used to assess adherence to hand hygiene guidelines; included in Institute for Healthcare Improvement's "How-to Guide: Improving Hand Hygiene"
- [Going Beyond Hand Hygiene Compliance](#) - Vanderbilt University Medical Center's hand hygiene compliance rate has been in the 90 percent range for the last four years. In an interview with IHI, Vanderbilt's Chief Hospital Epidemiologist Dr. Tom Talbot credits their success to building a strong culture of shared accountability

John's Hopkins Medicine

- [Tools, Resources, Posters](#)
- [Video: Scrub-a-Dub Dub](#) (Children's Hospital)

Joint Commission

[Measuring Hand Hygiene Adherence: Overcoming the Challenges](#) – This monograph provides a framework to help health care workers make necessary decisions about what, when, why, and how they will measure hand hygiene performance; also includes resources to help organizations select the measurement approaches that will best fit their needs

[Targeted Solutions Tool for Hand Hygiene | The Center for Transforming Healthcare](#) – Innovative application that guides health care organizations through a step-by-step process to accurately measure their organization's actual performance, identify their barriers to excellent performance, and direct them to proven solutions that are customized to address their particular barriers

- *Now available as a [mobile app](#)*
- [Sustaining and Spreading Improvement in Hand Hygiene Compliance](#)
- Video snippet: [Speak Up: Prevent the Spread of Infection](#)

- [A Multifaceted Approach to Education, Observation, and Feedback in a Successful Hand Hygiene Campaign](#) (you do not need to be accredited, you can register for a free account to download this resource)
- National Patient Safety Goal – [NPSG.07.01.01](#)

Minnesota Department of Health

- [Posters, fact sheets and more](#)

National Institute of Health (NIH)

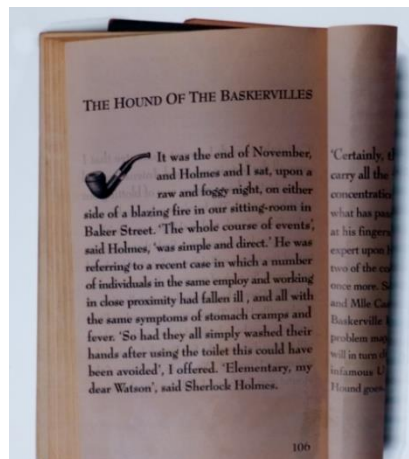
- [Illustrated hand washing materials in multiple languages](#)

Norwegian Institute of Public Health

- [Video: The Invisible Challenge II – Spread of bacteria in hospital settings](#)

Oklahoma State Department of Health

- Clever posters with famous author tie-ins
 - [Mark Twain](#)
 - [Robert Louis Stevenson](#)
 - [Margaret Mitchell](#)
 - [Herman Melville](#)
 - [Arthur Conan Doyle](#)
 - [Charles Dickens](#)
 - [Judy Blum](#)
 - [L. Frank Baum](#)
 - [Jane Austen](#)

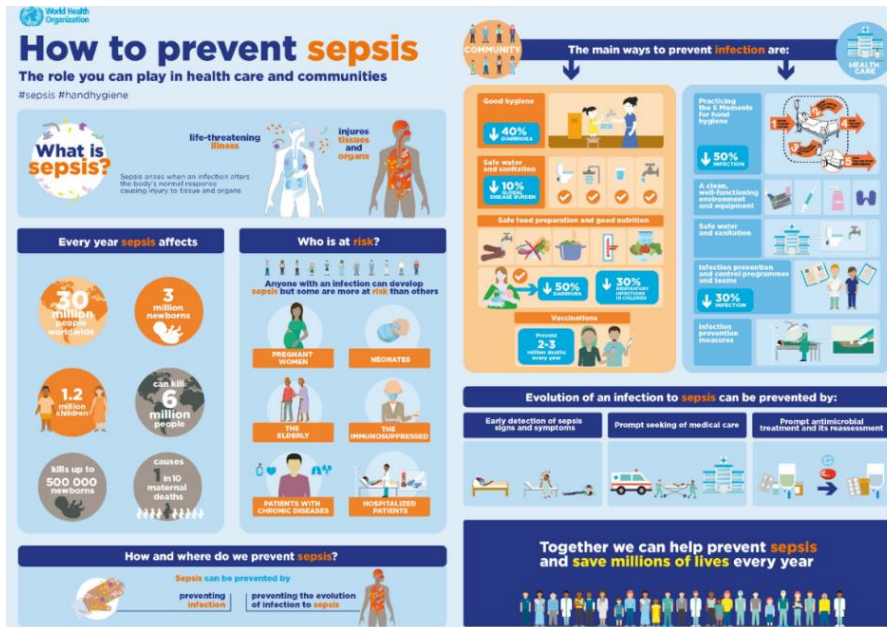


Public Health Ontario

- [Just Clean Your Hands Program](#) (videos, pocket cards, etc.)
- [Best Practices for Hand Hygiene in All Health Care Settings, 4th Edition](#)

Sepsis Resources

- [Colorado Hospital Association \(CHA\) – Sepsis Resource Page](#)
 - [2018 CHA Sepsis Awareness Month Toolkit](#)
- [Surviving Sepsis Campaign Guidelines](#)
- [“Sepsis and ...” Information Guides](#)
- [WHO: How to Prevent Sepsis Infographic](#)



Society for Healthcare Epidemiology of America (SHEA)

- [Strategies to Prevent Healthcare-Associated Infection through Hand Hygiene](#)
- [Healthcare-Associated Infections GUIDELINES pocket card](#)

The University of North Carolina at Chapel Hill: Statewide Program for Infection Control and Epidemiology (SPICE)

- [Hand Hygiene Competency](#)

U.S. Department of Veterans Affairs

- [Hand Hygiene Posters](#)
- [Various tools and resources](#), including
 - Hand hygiene/glove use observation tool for recording staff hand hygiene practices, with instructions
 - Questionnaire for measuring local perceptions and attitudes regarding hand hygiene in healthcare settings
 - Checklist of interventions in the VA-3M Six Sigma project to improve hand hygiene practices

Vendor Sources

- GOJO Industries
 - [Soap: The science behind it, the changing regulatory landscape ahead, and tools and tips for selecting a soap that's right for your facility](#) (retrieved from APIC Industry Perspectives)
 - [The Ultimate Guide to Healthy Hands](#)
- Henry Schein Medical
 - [Fun Facts Poster](#)

World Health Organization (WHO)

- WHO Guidelines on Hand Hygiene in Health Care (2009)
 - [Full version](#)
 - [Summary](#)
- [A Guide to the Implementation of the WHO Multimodal Hand Hygiene Improvement Strategy](#) – Developed to assist healthcare facilities implement the WHO Guidelines on Hand Hygiene
 - System change
 - Training and education
 - Evaluation and feedback
 - Reminders in the workplace
 - Institutional safety climate
- [The Hand Hygiene Self-Assessment Framework](#) is a systematic tool with which to obtain a situation analysis of hand hygiene promotion and practices within an individual health care facility
- [Systematic Literature Review](#) - Evidence of hand hygiene to reduce transmission and infections by multi-drug resistant organisms in health-care settings
- [5 Moments for Hand Hygiene](#)
- [Hand Hygiene in Outpatient and Home-Based Care and Long-term Care Facilities](#)
- Posters:
 - [Hand hygiene and the surgical patient journey](#)
 - [Focus on caring for a patient with a post op wound](#)
 - [Focus on caring for a patient with a central venous catheter](#)
 - [Focus on caring for a patient with a peripheral venous catheter](#)
 - [Focus on caring for a patient with an endotracheal tube](#)
 - [Focus on caring for a patient with a urinary catheter](#)
 - [Various posters focused on each moment for hand hygiene](#)
- [HH Observation Tool](#) (download tool)
- Infographic - [How to Handwash](#)
- [Hand Hygiene Technical Reference Manual](#) – Presents detailed hand hygiene information and is aimed at health-care workers, trainers and observers; focuses on understanding, practicing and teaching hand hygiene concepts
- [Hand Hygiene Why, How and When Brochure](#) – Summarizes why, how and when to perform hand hygiene for health care workers
- [Glove Use Information Leaflet](#)

Fun Stuff!

- YouTube.com (musical parodies and other videos) – Excellent for having fun and promoting hand hygiene with staff – It might inspire your hospital to do something similar!
 - [Wash Your Hands – It Just Makes Sense \(what if bacteria weren't invisible\)](#)
 - [Stayin' Alive - Saving Lives](#)
 - [Jimmy Kimmel Clip](#) - OneRepublic wrote this hand washing song for the show
 - [Jimmy Kimmel Clip](#) - ID Doc teaches Jimmy and Guillermo to Wash Their Hands (black light demo)
 - [Let It Foam](#)
 - [Hand Washing Boot Camp](#)
 - [We're All About Those Hands](#)
 - [Wash Me](#) (Children's Hospital Colorado)
 - [I Saw the Sign](#)
 - [Hand Washing with Soapy the Germinator](#) (clip for kids)
 - [Seinfeld - Hand Washing Fail](#)
 - [I Wash My Hands for You](#)
 - [Hand Hygiene: It's Safety and I Know it](#)
 - [Handwashing Gangnam Style](#)
- [Puppy](#) – “And you didn't clean your hands why?”
- [Bear](#) – “This is my ‘I-can't-believe-you-didn't-clean-your-hands-stare.’”
- [Cat](#) – “I saw that!! Now go back and wash your paws.”
- [Kitten](#) – “Clean your paws before you eat.”
- [Doctor](#) – “I care about your health . . . It's ok to ask if I've cleaned my hands.”
- [Kitten](#) – “O baby, you know how I have those clean paws.”
- [Giraffe](#) – “Just looking in? Please disinfect your hands on the way out.”
- [Monkey](#) – “Happiness is people who clean their hands.”
- [Kitten in purse](#) – “Germs love your stuff. There's more on (and in) your purse than you think
- [Dog](#) – “Do I look fat in this?” Personal protective equipment . . . you rock that.

