



INFECTION PREVENTION & CONTROL
BACKGROUND KNOWLEDGE DEVELOPMENT
Long-Term Care Facility Focus

Infection Control Program Infrastructure

Training for the Role of Infection Preventionist in LTCF

- https://www.train.org/cdctrain/training_plan/3814
- <https://apic.org/education-and-events/ltc-certificate/>

Certification of Infection Prevention & Control (a-IPC or CIC)

- <https://www.cbic.org/CBIC/Get-Certified/Get-Started/a-IPC.htm>
- <https://www.cbic.org/CBIC/CIC-Certification/About-the-Examination.htm>

Infection Prevention and Control Resources

Association for Professional in Infection Control and Epidemiology (APIC)

- www.apic.org
- [APIC Text](#). Chapter 1. Infection Prevention and Control Programs
- [APIC Text](#). Chapter 2. Competency and Certification Infection Preventionists
- [APIC Text](#). Chapter 3. Education and Training
- <https://apic.org/professional-practice/roadmap/>
- [APIC-SHEA Guidelines: Infection Prevention & Control for LTC](#)
- <http://apic.org/Professional-Practice/Implementation-guides/>

Centers for Disease Control and Prevention (CDC)

- <https://www.cdc.gov/infectioncontrol/index.html>
- [Guidelines Library | Infection Control | CDC](#)
- <https://www.cdc.gov/nhsn/>

World Health Organization (WHO)

- <https://www.who.int/en/>

Other

- [International Federation of Infection Control \(IFIC\)](#)
- [Society for Healthcare Epidemiology of America \(SHEA\)](#)
- [Infectious Disease Society of America \(IDSA\)](#)
- [American Society of Microbiology \(ASM\)](#)

- [Agency for Healthcare Research and Quality \(AHRQ\)](#)

Infection Control Risk Assessment Tool

- <https://www.cdc.gov/longtermcare/training.html>

Accreditation & Regulatory Compliance

Resources

- [APIC Text](#). Chapter 4. Accrediting and Regulatory Agencies
- Centers for Medicare & Medicaid Services (CMS)
 - [CMS Long-term Care Infection Control Worksheet](#)
 - [CMS Nursing Home Quality Initiative](#)
 - [CMS Quality Improvement Organization](#)
- [Occupational Safety and Health Administration \(OSHA\)](#)
 - [Bloodborne Pathogen Standard](#)
 - [Respiratory Protection Standard](#)
 - [Respiratory Protection Guidance for LTC](#)
- Other:
 - [National Institute for Occupational Safety and Health \(NIOSH\)](#)
 - [U.S. Food and Drug Administration \(FDA\) Med Watch](#)

Epidemiology & Surveillance

Guidelines

- [APIC Text](#). Chapter 11. Surveillance
- [APIC Text](#). Chapter 10. General Principles of Epidemiology
- [CDC Principles of Epidemiology](#)

Microbiology/Lab

Guidelines

- [APIC Text](#). Chapter 24 Microbiology Basics
- [APIC Text](#). Chapter 25 Laboratory Testing and Diagnostics
- [APIC Text](#). Chapter 108. Laboratory Services
- [Ready Reference for Microbes, 3rd edition](#)
- [The Infection Preventionist's Guide to the Lab](#)
- [CDC Lab Training: Microbiology Series](#)

Standard Precautions

Guidelines

- [CDC Standard Precautions](#)
- [APIC Text](#). Chapter 28. Standard Precautions

Hand Hygiene

Guidelines:

- [APIC Text. Chapter 27. Hand Hygiene](#)
- <https://www.cdc.gov/handwashing/when-how-handwashing.html>
- https://apic.org/wp-content/uploads/2019/07/APIC_handhygiene.pdf
- <https://www.cdc.gov/infectioncontrol/guidelines/hand-hygiene/index.html>
- [CDC Fire Safety and Alcohol-Based Hand Sanitizer](#)



- Hand hygiene & Cough Etiquette Sign.

Videos:

- [WHO Handwashing Video](#)
- [CDC Video on Hand Hygiene](#)
- [Clean Hands - Protect Residents - Video](#)
- [John Hopkins Video on WHO Steps on Handwashing](#)

Audit Form:

- [CDC Standard-Precautions-Hand-Hygiene-Supplies Audit](#)



- Hand Hygiene Competency.docx

Personal Protective Equipment (PPE)

Guidelines:

- [How to Put on and Take Off PPE Poster](#)
- [PPE Illustrations](#)
- [NIOSH Approved N95 Respirators](#)
- [Counterfeit Respirators](#)
- [CDC Burn Rate Calculator](#)
- [FDA Clear Transparent Mask](#)
- <https://blogs.cdc.gov/niosh-science-blog/2020/09/08/source-control/>





- SEALCHECK_EN_A2s.pdf

Videos:

- [How to Safely Put on PPE Video](#)
- [How to Safely Take off PPE Video](#)
- [Use PPE Correctly in LTC Video](#)

Audit Form:

- [CDC Standard-Precautions-PPE-Provision Audit](#)

-  Comagine
PPE_Audit_Tool.pdf
-  PPE Competency
Tool.pdf

Respiratory Hygiene & Cough Etiquette

Guidelines

- <https://www.cdc.gov/flu/professionals/infectioncontrol/resphygiene.htm>
- <https://www.cdc.gov/flu/prevent/actions-prevent-flu.htm>

-  Hand hygiene &
Cough Etiquette Sign.

Audit Form:

- [Cough-Courtesy-Waiting-Room-Audit](#)

Safe Injection Practice

Guidelines:

- <https://www.cdc.gov/injectionsafety/index.html>
- <https://www.cdc.gov/sharpssafety/index.html>

Audit Form:

- <https://www.cdc.gov/injectionsafety/PDF/Safe-Injection-Checklist-P.pdf>

Cleaning, Disinfection & Sterilization

Guidelines:

- [APIC Text](#) Chapter 31. Cleaning, Disinfection, and Sterilization
- [APIC Text](#) Chapter 32. Reprocessing Single-Use Devices
- [APIC Text](#) Chapter 106. Sterile Processing
- <https://www.cdc.gov/infectioncontrol/guidelines/Disinfection/index.html>
- <http://www.aami.org/>
- [Disinfection & Sterilization: Dr. Rutala's Resources, Slide Presentations, etc.](#)
- Rutala, W.A. [Disinfection, Sterilization and Antisepsis](#)

Environmental Infection Prevention and Control/Laundry

Guidelines:

- [APIC Text](#). Chapter 107. Environmental Services
- [APIC Text](#). Chapter 111. Laundry Services
- [APIC Text](#). Chapter 113. Waste Management
- [CDC Guidelines for Environmental Infection Control in Healthcare Settings](#)
- [AHRQ - Environmental Cleaning Infection Control](#)

Audit Form:

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Weekly
Environmental Round
- 
Environmental-Cleaning-Checklist-10-6-20

Transmission-Based Precautions

Guidelines:

- [APIC Text](#). Chapter 29 Isolation Precautions
- <https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html>
- <https://www.cdc.gov/infectioncontrol/basics/transmission-based-precautions.html>
- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/disposition-hospitalized-patients.html>
- <https://www.cdc.gov/hai/containment/PPE-Nursing-Homes.html>
- [Consideration for Use of Enhanced Barrier Precautions in Skilled Nursing Facilities HICPAC \(cdc.gov\)](#)

Audit Form:

- <https://www.cdc.gov/infectioncontrol/pdf/QUOTS/Isolation-Area-Contact-Isolation-Exterior-P.pdf>
- <https://www.cdc.gov/infectioncontrol/pdf/QUOTS/Isolation-Area-AIRR-Exterior-P.pdf>
- <https://www.cdc.gov/infectioncontrol/pdf/QUOTS/Transmission-Based-Precautions-Suite-P.pdf>

Healthcare Personnel and Resident Safety

Guidelines:

- [APIC Text](#). Chapter 100. Occupational Health
- [APIC Text](#). Chapter 101. Occupational Exposure to BBPs
- [APIC Text](#). Chapter 102. Volunteers, Contract Workers, and Others
- [APIC Text](#). Chapter 103. Immunizations of HCWs
- [APIC Text](#). Chapter 104. The Pregnant HCW
- [APIC Text](#). Chapter 105. Minimizing Exposure to Blood
- [Infection Control in Healthcare Personnel](#)
- [Vaccines for Healthcare Personnel](#)
- [HIV Occupational Exposure Management](#)
- [HBV Infected Healthcare Personnel](#)
- [HBV Protection and Postexposure Management](#)
- [HCV-exposed HCP guidance](#)

Facility Management

Construction, Renovations

Guidelines

- APIC's Infection Prevention Manual for Construction and Renovations



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- APIC Text. Chapter 116 Construction and Renovation
- <http://www.aia.org/>
- <http://www.wqa.org/>

Maintenance/Engineering

- APIC Text. Chapter 112. Maintenance and Engineering

Water Systems

- APIC Text. Chapter 115. Water Systems Issues and Prevention of Waterborne Infectious Diseases
- <https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-17-30.pdf>
- Water Infection Control Risk Assessment (WICRA) for Healthcare Settings (cdc.gov)
- Legionella and Water System Management - YouTube
- [SC17-30.Legionella Risks in Healthcare.Revised 6-09-17 \(cms.gov\)](#)

Ventilation

Guidelines

- APIC Text. Chapter 114. Heating, Ventilation, and Air Conditioning
- <https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation.html>
- https://www.ashrae.org/file%20library/technical%20resources/ashrae%20journal/2020journaldocuments/72-74_ieq_schoen.pdf
- CDC Air Contaminant Removal - Air Changes per Hours
- <https://www.health.state.mn.us/diseases/coronavirus/hcp/hvac.pdf>
- FDA UV Light Radiation-disinfection and Coronavirus

Antibiotic Stewardship

Guidelines:

- APIC Text. Chapter 26 Antimicrobials and Resistance
- <https://www.cdc.gov/antibiotic-use/index.html>
- [Core Elements of Antibiotic Stewardship for Nursing Homes | Antibiotic Use | CDC](#)

- [2006 guide for management of multidrug resistant organisms in healthcare settings](#) provides guidance for the implementation of strategies and practices to prevent the transmission of MRSA, VRE, and other MDROs.
- [Guidance for control of infections with carbapenem-resistant or carbapenemase-producing Enterobacteriaceae in acute care facilities](#) provides new guidance for CRE infection prevention and control in an effort to limit the further emergence of these organisms.
- [Recommendations for preventing the spread of vancomycin resistance](#) provides recommendations for preventing and controlling the spread of vancomycin resistance, with a special focus on vancomycin-resistant Enterococci (VRE).

Audit Forms:

- <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship-checklist.pdf>

Outbreak Investigations

Guidelines

- APIC Text. Chapter 12: Outbreak Investigations
- <https://www.cdc.gov/foodsafety/outbreaks/surveillance-reporting/investigation-toolkit.html>
- Heyman, David. [Control of Communicable Diseases Manual](#). 2008; pages A10-A19.
- <https://www.cdc.gov/hai/outbreaks/index.html>
- <https://www.cdc.gov/flu/professionals/infectioncontrol/ltc-facility-guidance.htm>
- [Group A Strep Outbreaks and Public Health Response | CDC](#)