



Infection Prevention Roadmap

March 2024

Florida Department of Health

Health Care-Associated Infection Prevention Program



Florida Department of Health

The Florida Department of Health (FDOH) recognizes the increasing demand for infection prevention and control (IPC) in health care facilities and in the public sector. In response, the FDOH Health Care-Associated Infection (HAI) Prevention Program has created a “roadmap” of compiled references, resources, and educational materials to support infection prevention (IP) practitioners in any scope of practice.

This IP Roadmap is intended for use as a guide and resource for all experience levels in Infection Prevention. The IP Roadmap is focused on competency domains identified in the Association for Professionals in Infection Control and Epidemiology’s (APIC’s) competency model. Included in each module are free reading materials, relevant chapters from the APIC Text, supplementary supportive readings, and additional application activities and resources.

Free Available Readings:

This section contains free readings, trainings, and education modules to provide a base knowledge of the topics. The materials provided in this section are necessary for continuing to build proficiency. These should be completed before moving on to subsequent reading sections or modules.

APIC Text Readings:

APIC is a professional society for IPs, with the mission to advance the science and practice of IPC. Written and reviewed by hundreds of subject-matter experts, the APIC Text contains comprehensive material which serves as a basis for guidance to IPC. APIC requires a paid subscription to access the text, with supplementary resources available for purchase. The APIC Text Readings are fundamental for learning and are frequently consulted in practice by IPs.

Supplementary Readings:

Readings in this section include real-world application to reinforce understanding of the topics. These are not critical for learning but are encouraged to be reviewed when time permits. Materials in this section include websites to explore, articles in peer-reviewed journals, and information for additional consideration.

Additional Application Activities and Resources:

The materials in this section are helpful for further applying and utilizing the topics in the module. It is suggested to continue exploring the Application Activities and Resources for a comprehensive understanding of the module’s topic. Furthermore, these materials have been recognized as frequently referenced by practitioners of IPC and are provided for the reader’s convenience.

Most materials except for the APIC Text are free. Materials that require purchase are followed by two-dollar signs (\$\$). For example: APIC IPC Issues in the Environment of Care (\$\$).

Acronyms

AHCA	Agency for Health Care Administration
AHE	Association for the Health Care Environment
AHRQ	Agency for Healthcare Research and Quality
AJIC	American Journal of Infection Control
APIC	Association for Professionals in Infection Control and Epidemiology
AR	Antibiotic resistance
ARLN	Antimicrobial Resistance Laboratory Network
ASHE	American Society for Health Care Engineering
CAUTI	Catheter-Associated Urinary Tract Infection
CBIC	Certification Board for Infection Control
CDC	Centers for Disease Control and Prevention
CHD	County Health Department
CLABSI	Central Line-Associated Blood Stream Infection
CMS	Centers for Medicare and Medicaid
CORHA	Council for Outbreak Response: Healthcare-Associated Infections and Antimicrobial-Resistant Pathogens
EPA	Environmental Protection Agency
FAQ	Frequently Asked Questions
FDOH	Florida Department of Health
FEMA	Federal Emergency Management Agency
FGI	Facility Guidelines Institute
HAEMI	Health Care-Associated Environmental Mold Infections
HAI	Health Care-Associated Infection
HICPAC	Healthcare Infection Control Practices Advisory Committee
HIV/AIDS	Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome
ICRA	Infection Control Risk Assessment program
IHI	Institute for Healthcare Improvement
IP	Infection Prevention/Infection Preventionists
IPC	Infection Prevention and Control
ISDA	International Swaps and Derivatives Association
MDRO	Multidrug-Resistant Organism
MMWR	Morbidity and Mortality Weekly Report

NHSN	National Healthcare Safety Network
NIH	National Institutes of Health
NPAF	National Patient Advocate Foundation
OPSC	Oregon Patient Safety Commission
OSHA	Occupational Safety and Health Administration
PFL	Project Firstline
PPE	Personal protective equipment
SSI	Surgical Site Infection
STRIVE	States Targeting Reduction in Infections via Engagement
TJC	The Joint Commission
WHO	World Health Organization

Week 1

Infection Prevention and Control Overview

Estimated completion time: 1 week

Welcome to Infection Prevention! This week is dedicated to learning and understanding the basics of what infection prevention is, performance measures associated with the role, and local resources, regulatory agencies, and professional societies.

Free Available Readings:

- The Centers for Disease Control and Prevention (CDC)—How Infections Spread
- Association for Professionals in Infection Control and Epidemiology (APIC) strategies to prevent infections in communities
- Florida TRAIN—Infection Control Basics Course

Source Links:

[CDC—How Infections Spread](#)

[APIC: Building Infection Safe Communities](#)

[Florida TRAIN—Infection Control Basics](#)

APIC Text Readings:

- Chapter 1: Infection Prevention and Control Programs
- Chapter 2: Competency and Certification of IPs
- Chapter 4: Accrediting and Regulatory Agencies
- Chapter 17: Performance Measures

Source Links:

APIC Text of Infection Control and Epidemiology
4th Edition: [APIC Text](#)

Supplementary Readings:

- American Journal of Infection Control (AJIC)—Historical perspective on infection control and applied epidemiology

Source Links:

[The practice of infection control and applied epidemiology: A historical perspective](#)

Additional Application Activities and Resources:

- Explore CDC Infection Control page
- Explore CDC Project Firstline resources
- Meet APIC
 - ★ Identify your local APIC Chapter
- Meet the Certification Board for Infection Control (CBIC)
- State Health Department
- County Health Department (CHD)
- Agency for Health Care Administration (AHCA)
- Meet The Joint Commission (TJC)
- Meet the Centers for Medicare and Medicaid Services (CMS)
 - ★ Know who your public reporting team is and implications for public reported data
- Visit the World Health Organization's (WHO's) Infection Prevention and Control course series

Source Links:

[CDC Infection Control Main Page](#)

[CDC Project Firstline](#)

[About APIC](#)

★ [APIC Local Chapter Map](#)

[Certification Board for Infection Control \(CBIC\)](#)

[County Health Department Contact List](#)

[Agency For Health Care Administration \(AHCA\)](#)

[The Joint Commission \(TJC\)](#)

[Centers for Medicare and Medicaid Services \(CMS\)](#)

[WHO Course Series](#)

Week 2

Epidemiology and Infection Surveillance and Management

Estimated completion time: 1 week

This week, identify ways to utilize epidemiological processes and surveillance methods. Analyze different approaches to outbreak detection and response.

Free Available Readings:

- CDC Epidemiology Lesson—Sections 1–11
- CDC HAI Outbreak Investigations in Health Care Settings
- CDC Surveillance Education and Training courses
- CDC Outbreak Case Studies
- CDC HAI Containment Strategy Guidelines
- CORHA Principles and Practices for Outbreak Response

Source Links:

- [CDC Epidemiology Lesson 1](#)
- [CDC HAI Outbreaks](#)
- [CDC Surveillance Education](#)
- [CDC Outbreak Activities](#)
- [CDC HAI Containment Guidelines](#)
- [CORHA Principles and Practices for Outbreak Response](#)

Supplementary Readings:

- Excerpt from Infectious Disease Epidemiology book: “Outbreak Investigations”
- FDOH Conducting HAI Outbreak Investigations—A Guide for County Health Departments

Source Links:

- [Outbreak Investigations—Infectious Disease Epidemiology](#)
- [HAI Investigations Guide](#)

APIC Text Readings:

- Chapter 6: Health Care Informatics and Information Technology
- Chapter 10: General Principles of Epidemiology
- Chapter 11: Surveillance
- Chapter 12: Outbreak Investigations

Source Links:

APIC Text of Infection Control and Epidemiology
4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- FDOH Reporting FAQs
- FDOH Case Definitions
- CDC Strive PowerPoint Review
- Review APIC's Competency Model

Source Links:

[FDOH Reporting FAQs](#)

[FDOH Case Definitions](#)

[CDC Strive Infection Control Page](#)

[APIC's Competency Model](#)

Weeks 3 and 4

Standard and Transmission-Based Precautions, Environmental Management

Estimated completion time: 2 weeks

Take two weeks to familiarize yourself with the different types of precautions needed to prevent the transmission of microorganisms. Understand cleaning, disinfection, and sterilization methods. Recognize different environmental considerations.

Free Available Readings:

- CDC Standard Precautions for All Patient Care
- CDC Transmission-Based Precautions guidelines
- CDC Full Isolation Precautions guidelines
- Review of Scientific Data Regarding Transmission of Infectious Agents in Health Care Settings
- Fundamental Elements Needed to Prevent Transmission of Infectious Agents in Health Care Settings
- CDC/States Targeting Reduction in Infections via Engagement (STRIVE)—Basics of Standard Precautions PowerPoint
- CDC HAI Environmental Cleaning Procedures
 - ★ General Patient Areas
 - ★ Specialty Patient Areas
- CDC HAI Environmental Cleaning Supplies and Equipment
- Health Care Environmental IPC
 - ★ Reduce Risk from Water
 - ★ Reduce Risk from Surfaces
- CDC Essential Elements of a Reprocessing Program for Flexible Endoscopes – Recommendations of the HICPAC

Source Links:

- [CDC Standard Precautions for All Patient Care](#)
- [CDC Transmission Based Precautions](#)
- [CDC Isolation Precautions](#)
- [Review of Scientific Data—Infectious Agents](#)
- [Fundamental Elements](#)
- [Basics of Standard Precautions—PowerPoint](#)
- [CDC HAI Environmental Cleaning Homepage](#)
 - ★ [CDC HAI Cleaning—General Patient Areas](#)
 - ★ [CDC HAI Specialty Patient Areas](#)
- [CDC HAI Environmental Cleaning Supplies](#)
- [Health Care Environmental IPC Homepage](#)
 - ★ [Reduce Risk from Water](#)
 - ★ [Reduce Risk from Surfaces](#)
- [Flexible Endoscopes—HICPAC](#)

Supplementary Readings:

- Transmission-based precautions for the prevention and control of infections
- Association for the Health Care Environment (AHE): Project Firstline Explainer Videos for EVS Personnel
- APIC Strategies to Mitigate Cross Contamination of Non-critical Medical Devices
- Oregon Patient Safety Commission (OPSC) IP Education

Source Links:

- [Transmission-based precautions](#)
- [Project Firstline Explainer Videos | AHE](#)
- [APIC Strategies](#)
- [OPSC \(English & Spanish\)](#)

APIC Text Readings:

- Chapter 21: Risk Factors Facilitating Transmission of Infectious Agents
- Chapter 28: Standard Precautions
- Chapter 29: Isolation Precautions (Transmission-based Precautions)
- Chapter 30: Aseptic Technique
- Chapter 31: Cleaning, Disinfection, and Sterilization

Source Links:

- APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

CDC Appendix A—Type and Duration of Precautions Recommended for Selected Infections and Conditions

Isolation precautions signage

- ★ Donning and Doffing
- ★ Contact Precautions
- ★ Droplet Precautions
- ★ Airborne Precautions
- ★ Enhanced Barrier Precautions
- ★ Special Contact Precautions
- ★ Special Droplet/Contact Precautions

APIC IPC Issues in the Environment of Care—Manual

- ★ *No specific chapters to read. Review content in each reference to be able to refer to when needed.*

Selected Environmental Protection Agency (EPA) -Registered Lists of Disinfectants

Review: CDC How to Read a Disinfectant Label

Source Links:

[CDC Appendix A](#)

- ★ [CDC PPE Donning and Doffing Sequence](#)
- ★ [Contact Precautions Signage](#)
- ★ [Droplet Precautions Signage](#)
- ★ [Airborne Precautions Signage](#)
- ★ [Enhanced Barrier Precautions Signage](#)
- ★ [Special Contact Precautions Signage](#)
- ★ [Special Droplet/Contact Precautions Signage \(COVID-19\)](#)

[APIC IPC Issues in the Environment of Care \(\\$\\$\)](#)

[EPA Lists](#)

[How to Read a Disinfectant Label](#)

Weeks 5, 6, and 7

Infection Definitions, Response, and Reduction

Estimated completion time: 3 weeks

Take three weeks to familiarize yourself with the different types of HAIs and techniques to prevent their transmission in health care settings.

Free Available Readings:

- FDOH Guidelines for Prevention and Control of Infections Due to Antibiotic-Resistant Organisms
- Management of Multidrug-Resistant Organisms (MDROs) in Health Care Settings
- CDC HAI Organisms and Diseases in Health Care Settings
- CDC Interim Guidance for a Public Health Response to Contain Novel or Targeted Multidrug-resistant Organisms (MDROs)
- Agency for Healthcare Research and Quality (AHRQ): Tools to Reduce HAIs
- AHRQ HAI Index Toolkits

Source Links:

[Guidelines—Antibiotic Resistant Organisms](#)

[MDRO Management Guidelines](#)

[Diseases and Organisms in Health Care Settings](#)

[CDC Interim Guidance—MDROs](#)

[AHRQ Tools to Reduce HAIs](#)

[AHRQ HAI Index Toolkits](#)

Supplementary Readings:

- TJC—CLABSI Toolkit and Monograph
- CDC—Catheter Associated Urinary Tract Infection (CAUTI)
- CDC—*Clostridioides difficile* (*C. diff*) Prevention Strategies

Source Links:

[Joint Commission—CLABSI Toolkit](#)

[CDC HAI CAUTI](#)

[CDC HAI *C. diff*](#)

APIC Text Readings:

- Chapter 34: Urinary Tract Infections
- Chapter 35: Vascular Access Device Associated Infections
- Chapter 36: Infections in Indwelling Medical Devices
- Chapter 37: Pneumonia
- Chapter 38: Surgical Site Infection
- Chapter 73: *C. diff* infection and Pseudomembranous Colitis
- Chapter 77: Enterobacteriaceae
- Chapter 79: Environmental Gram-Negative Bacilli
- Chapter 86: Legionella pneumophila

Source Links:

APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- WHO HAI Infographics
 - ★ HAI Prevention
 - ★ Antibiotic Care for SSI Reduction
- Ready Reference for Microbes
 - ★ *No specific chapters to read. Review content in each reference to be able to refer to when needed.*
- Enroll in the National Healthcare Safety Network (NHSN)
 - ★ Complete mandatory CDC NHSN self-paced training and apply for Secure Access Management Services (SAMS) (if applicable).
- CDC HAI Prevention toolkits, checklists, and resources

Source Links:

- ★ [WHO Prevent HAIs—Infographic](#)
- ★ [WHO Antibiotic Care for SSI Reduction—Infographic](#)

[Ready Reference for Microbes](#) (\$\$)

[CDC NHSN](#)

- ★ [NHSN Training](#)

[CDC HAI Prevention Toolkits](#)

Week 8

Antimicrobial and Diagnostic Stewardship

Estimated completion time: 1 week

Understand the importance of antimicrobial and diagnostic stewardship and their role in Infection Prevention. Identify local and federal resources.

Free Available Readings:

- CDC Antibiotic Use Home Page
- CDC Antimicrobial Resistance Lab Network (ARLN)
- WHO—Antibiotic Resistance
- CDC Core Elements of Antibiotic Stewardship based on health care facility type
- CDC COVID-19 U.S. Impact on Antimicrobial Resistance
- CDC Antibiotic Resistance Threats in the U.S. Report

Supplementary Readings:

- FDOH TRAIN—Antibiotic Stewardship Course: Module 1–6
- The Antibiotic Resistant Crisis—Article
- National Institute of Health (NIH)—Antimicrobial Stewardship
- CDC Antibiotic Resistance and Patient Safety Portal—Webpage
- CDC Blog—Advancing Laboratory Diagnostic Stewardship for HAIs
- Infectious Disease Society of America (ISDA) Article: Diagnostic Stewardship: Opportunity for a Laboratory—Infectious Disease Partnership

Source Links:

- [CDC Antibiotic Use—Home Page](#)
- [CDC AR Lab Network](#)
- [WHO—Antibiotic Resistance](#)
- [CDC Core Elements of Antibiotic Stewardship](#)
- [CDC COVID-19 U.S. Impact on Antimicrobial Resistance](#)
- [CDC Antibiotic Resistance Threats in the U.S. Report](#)

Source Links:

- [FDOH TRAIN—Antibiotic Stewardship Course](#)
- [The Antibiotic Resistance Crisis](#)
- [NIH: Antimicrobial Stewardship](#)
- [CDC—Antibiotic Resistance and Patient Safety Portal](#)
- [CDC Blog—Diagnostic Stewardship](#)
- [Article: Diagnostic Stewardship](#)

APIC Text Readings:

- Chapter 26: Antimicrobials and Resistance
- Chapter 33: Antimicrobial Stewardship Programs
- Chapter 22: Microbial Pathogenicity and host response
- Chapter 23: Microbiology Basics
- Chapter 24: Laboratory testing and diagnostics
- Chapter 110: Laboratory Services

Source Links:

APIC Text of Infection Control and Epidemiology
4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- The IP's Guide to the Lab
 - ★ *No specific chapters to read. Review content in each reference to refer to when needed.*
- Learn about ARLN
- WHO Antibiotic Resistance (AR) in Health Care Infographic
- CDC Educational Resources for Health Care Professionals on Antibiotic Use

Source Links:

[The IP's Guide to the Lab](#) (\$\$)

[About ARLN](#)

[WHO Preventing Antibiotic Resistance in Health Care](#)

[CDC—Educational Resources on Antibiotic Use](#)

Week 9

Occupational Health

Estimated completion time: 1 week

Understand the importance of the IP's role in occupational health. Topics include screening and immunization of health care personnel, work restrictions due to communicable diseases, prevention of work-related injuries (i.e., needlestick injuries), and safe work practices.

Free Available Readings:

- CDC Infection Control in Health Care Providers
- CDC Infrastructure and Routine—Occupational Health Guidelines and Resources
- CDC Protecting Health Care Personnel

Supplementary Readings:

- US Department of Labor: Occupational Safety and Health Administration (OSHA) Biological Hazards—Infectious Diseases
- US Department of Labor: OSHA PPE—Respiratory Protection
- CDC Injection Safety

Source Links:

- [CDC Infection Control in Health Care Providers Infrastructure and Routine Practices](#)
- [CDC Protecting Health Care Personnel](#)
- [CDC Routine Practices](#)

Source Links:

- [OSHA Biological Hazards—Infectious Diseases](#)
- [OSHA Respiratory Protection Standard](#)
- [CDC Injection Safety](#) and [CDC Safe Injection Practices](#)

APIC Text Readings:

- Chapter 84: HIV/AIDS
- Chapter 98: Tuberculosis
- Chapter 103: Occupational Health
- Chapter 104: Occupational Exposure to Bloodborne Pathogens
- Chapter 105: Volunteers, Contract Workers, and Other Nonemployees Who Interact with Patients
- Chapter 106: Immunization of Health Care Personnel
- Chapter 107: Minimizing Exposure to Blood and Body Fluids

Source Links:

APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- CDC Infection Control in Health Care Personnel
- OSHA Bloodborne Pathogens—Regulations

Source Links:

[CDC Infection Control in Health Care Personnel](#)
[OSHA Regulations on Bloodborne Pathogens](#)

Week 10

Construction and Maintenance

Estimated completion time: 1 week

Recognize and monitor elements important for a safe care environment (e.g., heating-ventilation-air conditioning, water standards, construction).

Free Available Readings:

- NIH: Prevention by Design—Article
- Facility Guidelines Institute (FGI)—Environment of Care and Health Care Associated Infections: An Engineering Perspective

Source Links:

- [Prevention by Design—Article](#)
- [The Environment of Care and HAIs: Engineering Perspective](#)

Supplementary Reading:

- NIH (Public Access): Association of Hospital Construction with the Development of Health Care-Associated Environmental Mold Infections (HAEMI) in Pediatric Patients with Leukemia

Source Links:

- [Article: Hospital Construction and HAEMI](#)

APIC Text Readings:

- Chapter 114: Health Care Textile Services
- Chapter 115: Maintenance and Engineering
- Chapter 116: Waste Management
- Chapter 117: Heating Ventilation and Air Conditioning
- Chapter 118: Water Systems Issues and Prevention of Waterborne Infectious Diseases in Health Care Facilities
- Chapter 119: Construction and Renovation

Source Links:

- APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- APIC Infection Prevention Manual for Construction and Renovation
 - ★ *No specific chapters to read. Review content to refer to when needed.*
- American Society for Healthcare Engineering (ASHE)—Project Firstline Videos on Ventilation
- ASHE Infection Control Risk Assessment (ICRA)
- AHCA Construction Survey Checklist

Source Links:

- [APIC Construction and Renovation Manual \(\\$\\$\)](#)

- [ASHE PFL - Videos on Ventilation](#)

- [ASHE ICRA](#)

- [ACHA Construction Survey Checklist](#)

Week 11

Public Health and Emergency Management

Estimated completion time: 1 week

Understand the IP's role in preparation and response to public health emergencies (e.g., bioterrorism, emerging infectious diseases, syndromic surveillance).

Free Available Readings:

- WHO Framework and Toolkit for Infection Prevention and Control in Outbreak Preparedness, Readiness and Response—PDF available
- APIC Hurricane and Disaster Resources
- CDC Infectious Disease After a Disaster

Source Links:

[WHO Toolkit for IPC Outbreak and Preparedness](#)

[APIC Hurricane and Disaster Resources](#)

[CDC Infectious Disease After a Disaster](#)

Supplementary Readings:

- Article: Infection Control After and During Natural Disaster

Source Links:

[Infection Control After and During Natural Disaster](#)

APIC Text Readings:

- Chapter 120: Public Health
- Chapter 121: Travel Health
- Chapter 122: Emergency Management
- Chapter 123: Infectious Disease Disasters: Bioterrorism, Emerging Infections and Pandemics

Source Links:

APIC Text of Infection Control and Epidemiology
4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- Check out CDC Traveler's Health Page
- FDOH—Health Care System Preparedness
- Familiarize yourself with the Federal Emergency Management Agency (FEMA)

Source Links:

[CDC Travel Page](#)

[FDOH Health Care System Preparedness](#)

[FEMA National Preparedness Website](#)

Week 12

Use of Data

Estimated completion time: 1 week

Understand how IPs participate in quality/performance improvement and patient safety activities related to infection prevention.

Free Available Readings:

- CDC Targeted Assessment for Prevention (TAP) Strategy
- CDC Core Infection Prevention and Control Practices for Safe Healthcare Delivery in All Settings—Recommendations of the Healthcare Infection Control Practices Advisory Committee (HICPAC)

Supplementary Readings:

- The Joint Commission National Patient Safety Goals

APIC Text Readings:

- Chapter 16: Quality Concepts
- Chapter 18: Patient Safety
- Chapter 12: Use of Statistics in Infection Prevention

Source Links:

- [CDC Targeted Assessment for Prevention \(TAP\) Strategy](#)
- [CDC Core Practices](#)

Source Links:

- [The Joint Commission National Patient Safety Goals](#)

Source Links:

- APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

AHRQ

- ★ *No specific webpage to read. Review content to refer to when needed.*

AHRQ—Undermining a Culture of Safety Video

AHRQ—Fostering a Culture of Safety Video

APIC Fundamental Statistics and Epidemiology

- ★ *No specific chapters to read. Review content in reference to refer to when needed.*

APIC Prevention Strategist Collection: From Data to Decisions

- ★ *No specific chapters to read. Review content in reference to refer to when needed.*

Source Links:

[Agency for Healthcare Research and Quality](#)

[Undermining a Culture of Safety Video](#)

[Fostering a Culture of Safety Video](#)

[APIC Fundamental Statistics and Epidemiology](#) (\$\$)

[APIC Prevention Strategist Collection](#) (\$\$)

Week 13

Research Methods

Estimated completion time: 1 week

Understand how to conduct a literature review, facilitate the incorporation of applicable research findings into practice, and identify opportunities for research related to performance improvement (e.g., effectiveness studies, product trials).

Free Available Readings:

- CDC Morbidity and Mortality Weekly Review (MMWR)
- CDC National Center for Health Statistics (NCHS)—Resources for Researchers
- CDC HAI Research—Innovative Research to Support Safe Health Care

Source Links:

- [CDC MMWR](#)
- [NCHS—Resources for Researchers](#)
- [CDC HAI Research for Health Care](#)

Supplementary Readings:

- The Journalist's Resource: How to Identify an Academic Research Paper

Source Links:

- [Article: How to Identify a Research Paper](#)

APIC Text Readings:

- Chapter 19: Qualitative Research Methods
- Chapter 20: Research Study Design

Source Links:

- APIC Text of Infection Control and Epidemiology 4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- Meet the AHRQ
- Meet the National Association for Healthcare Quality (NAHQ)
- WHO Data and Dashboards

Source Links:

- [AHRQ Homepage](#)
- [NAHQ Homepage](#)
- [WHO Data](#)

Week 14

Professional Stewardship

Estimated completion time: 1 week

Review readings on patient advocacy, ethics, and continuum of care. Consider accountability and planning of services, while professionally managing aspects of patient care and how it relates to infection prevention.

Free Available Readings:

- WHO Ethics

Source Links:

[WHO Ethics](#)

Supplementary Readings:

- APIC Public Policy—What's New
- Healthy People 2030

Source Links:

[APIC Public Policy—What's New](#)

[Healthy People 2030](#)

APIC Text Readings:

- Chapter 3: Education and Training
- Chapter 5: Infection Prevention and Behavioral Interventions

Source Links:

APIC Text of Infection Control and Epidemiology
4th Edition: [APIC Text](#)

Additional Application Activities and Resources:

- Behavior Modification and Infection Control
- National Patient Advocate Foundation (NPAF)

Source Links:

[Behavior Modification and Infection Control](#)

[NPAF](#)

Week 15

Leadership in Health Care

Estimated completion time: 1 week

Learn leadership styles within health care. Focus on collaboration, program management, and mentorship. Review methods of communication and critical thinking within infection prevention.

Free Available Readings:

- CDC TRAIN—Leadership and Influence course
- CDC TRAIN—Leadership and Programme Management in Control (IPC)

Source Links:

[CDC TRAIN—Leadership and Influence](#)
[CDC TRAIN—Leadership and Programme Management in IPC](#)

Supplementary Readings:

- Importance of Leadership Style Towards Quality of Care Measures in Healthcare Settings: A Systematic Review—Article
- “Leadership in Healthcare” by Robin DC Kumar

Source Links:

[Importance of Leadership Style with Quality of Care](#)
[Leadership in Healthcare PDF](#)

Additional Application Activities and Resources:

- Institute for Healthcare Improvement (IHI)—High Impact Leadership
- “Shift your Brilliance” by Simon T. Bailey

Source Links:

[IHI High Impact Leadership](#)
["Shift your Brilliance" by Simon T. Bailey](#) (\$\$)