

Fundamentals of Infection Prevention



February 23-25, 2016
Ambridge Event Center
Portland, OR

oregonpatientsafety.org/news-events/events/



Course Information

Fundamentals of Infection Prevention

A Comprehensive Training Course for Infection Prevention Professionals

This three-day comprehensive training course, focused on the fundamentals of infection prevention, is specifically designed for individuals who are responsible for their facility's infection control program. Concepts from this course will allow infection prevention professionals from any healthcare setting to develop an effective infection control program that both protects patients and complies with the Centers for Medicare and Medicaid Services' Conditions for Coverage and Conditions of Participation.

Objectives

At the end of the training, participants will be able to:

- Describe the role of the infection prevention professional
- Identify five key elements of effective, regulatory-compliant infection prevention programs
- Use evidence-based interventions and tools to reduce healthcare-associated infections
- Design an infection surveillance, prevention, and control plan specific to the practice setting
- Describe the epidemiology, mode of transmission, and control interventions for common infectious diseases and healthcare-associated infections

Details

Date and Location

February 23-25, 2016

[Ambridge Event Center](#)

1333 NE Martin Luther King Jr. Blvd.

Portland, OR 97232

Who Should Attend

- Designated infection prevention professionals (novice/proficient) from hospitals, long-term care settings, dialysis facilities, ambulatory surgery centers, medical offices, birthing centers, and home care agencies
- Regulatory surveyors in healthcare settings
- Public health communicable disease employees
- Others involved with infection prevention programs in healthcare facilities

Continuing Education

Provider Approved by the California Board of Registered Nursing, Provider #16180, for 21.8 contact hours

Parking and Accommodations

Parking attendants will be available at the corner of 3rd and Clackamas to direct attendees to open lots. Complimentary parking is on a first come, first served basis.

The Ambridge Event Center is within walking distance to many hotels. Please inquire about a hotel list.

Questions?

Contact Rebecca Rottman at rebecca.rottman@oregonpatientsafety.org or (503) 719-4647.

Cost

Free for individuals currently employed in Oregon as one of the following:

- Designated infection prevention professional
- Regulatory surveyor in a healthcare setting
- Public health communicable disease employee

\$200 for other attendees

Online Registration

<https://www.eventbrite.com/e/fundamentals-of-infection-prevention-tickets-19734593701>

Refund and Cancellation Policy

A full refund will be given for cancellations made 72 hours in advance. Cancellations made less than 72 hours in advance will receive a 50% refund.

Three-Day Agenda

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Note: Times may be subject to change.

Agenda Day 1

8:00-9:00 a.m.	Registration and Breakfast	
9:00-9:15 a.m.	Welcome, Introductions, and Program Overview	
9:15-9:45 a.m.	Role of the Infection Preventionist	Objectives <ul style="list-style-type: none">• Explain why infection prevention and control programs have evolved in healthcare over the last 50 years• Describe the scope of the infection prevention and control program• Describe the role of the infection prevention professional in healthcare
9:45-10:45 a.m.	Breaking the Chain of Infection	Objectives <ul style="list-style-type: none">• Use the “Chain of Infection” model to describe six key elements required for infection transmission• Describe the basic principles and procedures for standard precautions, transmission-based precautions, and use of appropriate personal protective equipment as listed in the Centers for Disease Control and Prevention (CDC) and the Occupation Safety and Health Administration (OSHA) guidelines• Identify proper hand hygiene practices• Identify how to manage patients with potential transmissible diseases in acute care, ambulatory, and home settings
10:45-11:00 a.m.	Break	
11:00-12:00 p.m.	Prevention of Common Healthcare-Associated Infections (HAI) Part 1	Objectives <ul style="list-style-type: none">• Describe key transmission factors, evidence-based prevention strategies, recent advances in knowledge, and remaining challenges in prevention of the following HAIs:<ul style="list-style-type: none">• Central line-associated bloodstream infections• Catheter-associated urinary tract infections• Surgical site infections
12:00-1:00 p.m.	Lunch	
1:00-2:00 p.m.	Prevention of Common Healthcare-Associated Infections (HAI) Part 2	Objectives <ul style="list-style-type: none">• Describe key transmission factors, evidence-based prevention strategies, recent advances in knowledge, and remaining challenges in prevention of the following HAIs:<ul style="list-style-type: none">• Ventilator-associated pneumonias• Multidrug-resistant organisms• <i>Clostridium difficile</i>

Agenda Day 1 continued

2:00-2:15 p.m. **Break**

2:15-3:15 p.m. **Environmental Hygiene** **Objectives**

- Discuss the role of environmental cleaning and disinfection in the prevention of HAIs
- Discuss cleaning and disinfection requirements for various practice settings (e.g., operating rooms, dietary kitchens, inpatient rooms, clinics)
- Identify evidence-based methods and best practices for environmental cleaning in healthcare facilities
- Use a set of tools designed to assure environmental hygiene quality
- Select the appropriate disinfectants for various practice settings and applications

3:15-3:30 p.m. **Break**

3:30-4:45 p.m. **Sterilization/High-level disinfection** **Objectives**

- Describe current recommendations and standards for best practices in reprocessing surgical instruments and equipment
- Describe recommendations and standards for quality assurance, monitoring, and documentation of the sterilization process
- Use the CDC's recommended steps for evaluating an infection control breach for disinfection and sterilization failures
- Describe how to use tools designed to assist with disinfection and sterilization practices

4:45-5:00 p.m. **Daily Wrap-Up Discussion**

Agenda Day 2

8:00-8:30 a.m.	Breakfast	
8:30-8:35 a.m.	Welcome, Announcements, and Overview of Day 2	
8:35-9:35 a.m.	Basic Microbiology and Laboratory Diagnostics	Objectives <ul style="list-style-type: none">• Describe various groups of microorganisms• Review basic identifying characteristics of microorganisms• Describe the difference between colonization and infection• List commonly used diagnostic laboratory tests used for potential infections and their interpretation
9:35-9:45 a.m.	Break	
9:45-11:00 a.m.	Infection Prevention Program Development and Design: A Workshop Part 1	Objectives <ul style="list-style-type: none">• Review the elements of an infection prevention program as required by the Centers for Medicare and Medicaid Services (CMS), the state of Oregon, and governmental regulatory agencies• Define surveillance –what? and why?• List at least two essential elements of surveillance• Describe the necessity of priority-directed, risk-adjusted surveillance• Identify and explore National Healthcare Safety Network (NHSN): CDC’s HAI surveillance system• Apply surveillance definitions used in non-acute care settings
11:00-11:15 p.m.	Break	
11:15-12:30 p.m.	Infection Prevention Program Development and Design: A Workshop Part 2	Objectives <ul style="list-style-type: none">• List mandatory reporting requirements for state and CMS• Define common statistical terms (e.g., attack rates, incident rates)• Use common statistical tests appropriately• Use two excel templates to display and report surveillance data• Describe methods to report and analyze data using NHSN• Design and implement an effective Quality Assurance and Performance Improvement plan using infection prevention goals
12:30-1:15 p.m.	Lunch	
1:15-2:15 p.m.	Outbreak Investigation	Objectives <ul style="list-style-type: none">• Discuss effective strategies to identify, manage, and control an HAI outbreak
2:15-2:30 p.m.	Break	
3:30-4:30 p.m.	What Every Infection Preventionist Needs to Know About Dialysis Settings	Objectives <ul style="list-style-type: none">• Identify five risk factors associated with infections in dialysis patients• Describe the equipment used in hemodialysis and dialysis-related activities and monitoring that are performed in order to prevent infections• List seven evidence-based interventions that reduce bloodstream infections in dialysis patients
4:30-4:45 p.m.	Daily Wrap-Up Discussion	

Agenda Day 3

8:00-8:30 a.m.	Breakfast	
8:30-8:35 a.m.	Welcome, Announcements, and Overview of Day 3	
8:35-10:00 a.m.	Common Communicable Infectious Diseases	<p>Objectives</p> <ul style="list-style-type: none"> Review the epidemiology, diagnostic testing, modes of transmission, and control measures for communicable diseases of epidemiologic significance: <ul style="list-style-type: none"> Bloodborne pathogens, tuberculosis, measles, chickenpox (varicella), mumps, pertussis, meningococemia, lice, scabies, bed bugs, common respiratory pathogens, and common gastrointestinal illnesses
10:00-10:15 a.m.	Break	
10:15-11:00 a.m.	Employee Health Programs	<p>Objectives</p> <ul style="list-style-type: none"> List three elements of an employee health program that should be included in your infection prevention program plan List two diseases for which healthcare workers should be screened and, as necessary, immunized Identify three post-exposure interventions to follow after an occupational exposure to potential bloodborne pathogen viruses and tuberculosis
11:00-11:45 a.m.	Safe Injection Practices	<p>Objectives</p> <ul style="list-style-type: none"> Describe three outbreaks related to unsafe injection, medication handling, and glucose monitoring practices Identify three commonly mistaken beliefs related to injection safety List three current evidence-based recommendations for safe medication handling practices Identify infection prevention resources that can be used to promote injection safety
11:45-12:45 p.m.	Lunch	
12:45-1:45 p.m.	Specialized Practice Settings	
	BREAKOUT SESSION 1: Infection Prevention in the Operating Room	<p>Objectives</p> <ul style="list-style-type: none"> Describe the principles of asepsis (e.g., skin prep, draping, sterile versus non-sterile) Explain the importance of environmental controls in the operating room to prevent infections
	BREAKOUT SESSION 2: Infection Prevention in Long-term Care (LTC) Settings	<p>Objectives</p> <ul style="list-style-type: none"> Identify common challenges and opportunities for infection preventionists in LTC Identify two strategies to reduce unnecessary antibiotic use in LTC settings Identify five key elements of effective, regulatory-compliant infection prevention and quality improvement programs in LTC settings
1:45-2:00 p.m.	Break	

Agenda Day 3 Continued

2:00-3:00 p.m.

Construction Risk Assessments

Objectives

- Define the role of the infection preventionist in the infection control risk assessment (ICRA) process
 - Describe the basics of the ICRA process
 - State three resources available to assist with ICRA process
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3:00-3:45 p.m.

Education Programs

Objectives

- Use adult learning principles to develop infection prevention educational programs
 - Create competency based educational tools to strengthen infection prevention knowledge
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3:45-4:00 p.m.

Daily Wrap-Up Discussion

4:00-4:15 p.m.

Evaluation and Closing

About the Presenters

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Art Ashby
RN, CIC

Art is a registered nurse who has been in the acute care healthcare field for 38 years—the last 20 years as an infection prevention and control nurse in Portland area medical centers. An Oregon native, he is an active member of the Association for Professionals in Infection Control and Epidemiology (APIC) and has served as President and on the board of directors. Art has presented to various professional groups over the years. He has also attended many national and local conferences on infection prevention and control topics and National Healthcare Safety Network (NHSN) programs. Art is considered one of the go-to people in his field for NHSN data management and analysis. Currently, Art is employed as an infection preventionist at Legacy Good Samaritan Medical Center in Portland.

Dennis Drapiza
MPH, BSN, RN, CIC

Dennis is the infection prevention and control coordinator at Kaiser Sunnyside Medical Center. He found his passion in 2008 when he began working in infection control in Boston, Massachusetts. Regionally, he's worked in infection control for the Providence Health System. His past work experience includes correctional and transitional case management in mental health while his nursing experience includes mental health, critical care, emergency, medical oncology, long-term care, and ambulatory surgery. Dennis is an active member in the local APIC chapter and served as the chapter's nominating committee chair for 2014 and 2015.

Debbie Hurst
RN, BSN, CIC

Debbie received her BSN from Ball State University in Muncie, Indiana, in 1984. Since then, she has held a variety of nursing staff and management-level positions in healthcare. Debbie has 20 years of experience in infection prevention and control and now works as a private consultant. On a national level, in addition to consulting, she has worked with APIC and with the Association for the Healthcare Environment as an infection prevention and control subject matter expert on a variety of committees and projects. Debbie currently resides in southern Oregon.

Mary Post
RN, MS, CNS, CIC

Mary is the director of infection prevention at the Oregon Patient Safety Commission. She has over 20 years of experience in hospital-based infection prevention, is a past president of two state APIC chapters, and has served on several national APIC committees. Mary has been a speaker at multiple national, regional, state, and local conferences and webinars. At the Patient Safety Commission, Mary has served as a collaborative director for dialysis bloodstream infection prevention, and multi-drug resistant organisms and urinary tract infection prevention collaboratives in long-term care settings. Mary has also coordinated infection prevention education and training for Oregon's ambulatory surgery centers and nursing facilities and developed tools and resources to support those settings.

Teresa Shepard
MSN, RN , CIC

Teresa is a registered nurse at VA Portland Healthcare System. She began her career in 1998 at the Veteran’s Health Administration (VHA) in Little Rock, Arkansas. Her background includes three years of medical and surgical nursing and nine years in the gastrointestinal (GI) laboratory where she spent the last three years as the nurse manager. In 2009, she transferred to the VA Portland Healthcare System to serve as the chief of sterile processing, where at that time, the VHA was in the midst of a national initiative to reorganize sterile processing services. Her background in managing a GI laboratory, which included a reprocessing suite, brought her to this role. She received her masters of science in nursing from Loyola University New Orleans in 2010. In 2012, she began her career in infection prevention, where she currently practices. She remained acting chief of sterile processing until November, 2014.

Judy Webber
MAM, BAN, RN, CIC

Judy is a registered nurse with over 30 years of healthcare experience and has worked in the field of infection prevention and control and quality since 2002. She holds a bachelor’s degree in nursing, a master’s degree in management, and, since 2004, is board certified in infection control and epidemiology. Her broad clinical experience comes from a variety of acute care areas including the operating room, medical and surgical departments, emergency department, and intensive care settings. Since 2010, Judy has been part of the core team leading Legacy Emanuel Medical Center’s infection reduction journey. Her primary work has focused on reducing surgical site infections and catheter-associated urinary tract infections (CAUTI). As an active member of the local APIC chapter, Judy was chapter president in 2013 and is currently the Oregon and Southern Washington APIC chapter bylaws chairperson. Between May of 2014 and March 2015, Judy participated in an infection prevention fellowship from the American Hospital Association and the Health Education Research Trust focusing on CAUTI reduction.

Linda Young
RN, MSN, CIC

Linda serves as the infection prevention and employee health coordinator at Shriners’ Hospital for Children. In her role, she navigates the ever-changing requirements of infection prevention and oversees employee health requirements for employees and volunteers. Linda has 30 years of experience in nursing in a variety of settings, both inpatient and outpatient, including oncology, GI, acute care, and care management. Her career has also included legal nurse consulting and serving for seven years as faculty at Montana State University College of Nursing. Linda moved to Portland from Montana in 2007 and discovered her love for the field of infection prevention and control. As a nurse and educator, Linda finds infection prevention to be the perfect field for serving patients as well as educating the public, patients, and healthcare staff. Linda is an active member of APIC and currently serves on the board of directors.
