Healthcare-Associated Infection Prevention and Surveillance Training Course

4 – 8 January 2027
Vienna

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Training Center

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Overview

Healthcare-Associated Infection Prevention and Surveillance Training Course is a one-week intermediate course for infection prevention practitioners, nurses, allied health professionals, clinical educators, quality staff, and healthcare supervisors who leave with an HAI Prevention and Surveillance Action Pack. Participants apply healthcare-associated infection prevention, standard precautions, transmission-based precautions, infection surveillance measures, environmental cleaning controls, and implementation monitoring to fictional hospital, rehabilitation, and long-term-care scenarios. Agile Leaders Training Center presents HAI prevention as a coordinated clinical-operations discipline.

Who Should Attend

- Personnel responsible for infection prevention practices and assurance
- Teams responsible for nursing care and device-associated risk controls
- Functions responsible for clinical education and competency follow-up
- Quality personnel responsible for surveillance, audit, and corrective action
- Supervisors responsible for environmental, equipment, and workflow controls

The course assumes participants already support patient-care processes and leaves out infectious-disease diagnosis, antimicrobial prescribing, laboratory testing, and clinical treatment decisions.

Departments and Industries

The course supports departments and industries that manage infection risks, care environments, and service-quality controls.

- Hospital inpatient and outpatient services
- Rehabilitation and long-term-care facilities
- Diagnostic and ambulatory care services
- Healthcare quality and patient-safety departments
- Environmental services and sterile-processing interfaces

Learning Objectives

By the end of this course, participants will be able to:

- Apply standard and transmission-based precautions to care scenarios
- Analyze hand hygiene, PPE, placement, and exposure decisions
- Build device-associated infection prevention control checks
- Use surveillance definitions, measures, and data-quality checks
- Evaluate clusters, environmental controls, and response actions
- Prioritize audit findings and implementation improvement actions

Course Agenda

Day 1: HAI Risk and Prevention System

- HAI Transmission Chain Mapping Method
- Infection Prevention Program Core-Component Map
- Standard Precautions Decision Checklist
- Transmission-Based Precautions Selection Matrix
- Patient Placement and Exposure Risk Assessment

Day 2: Practice Controls and Care Interfaces

- Hand Hygiene Observation and Feedback Tool
- PPE Selection and Removal Decision Card
- Respiratory Hygiene and Source-Control Workflow
- Safe Injection and Sharps Control Checklist
- Equipment Reprocessing Interface Map

Day 3: Device and Environmental Prevention

- Device-Associated Infection Prevention Bundle Map
- Insertion and Maintenance Control Audit Sheet
- Environmental Cleaning Responsibility Matrix
- High-Touch Surface Verification Method
- Linen, Waste, and Spill Management Pathway

Day 4: Surveillance and Response

- HAI Case Definition Application Worksheet
- Device-Day and Patient-Day Measure Calculator
- Surveillance Data Validation Checklist
- Cluster Signal Review and Escalation Log
- Outbreak Response Coordination Map

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Day 5: HAI Prevention Implementation Practice

- Suggested Exercise: Precautions Decision Simulation
- Suggested Exercise: Device Bundle Audit Review
- Suggested Exercise: Surveillance Measure Interpretation
- Suggested Exercise: Cluster Response Coordination
- Capstone Exercise: HAI Prevention and Surveillance Action Pack

Practical Exercises

The course uses suggested activities with fictional acute-care, rehabilitation, ambulatory, and long-term-care scenarios.

- Suggested activity: classify transmission risks and select precautions, placement, hand hygiene, and PPE controls.
- Suggested activity: audit a device-maintenance scenario and prioritize gaps in bundle execution.
- Suggested activity: validate surveillance data, calculate measures, and interpret a change in trend.
- Suggested activity: coordinate a cluster review and build an implementation action plan with owners and monitoring measures.

FAQs

Who suits healthcare-associated infection prevention training, and what does it assume?

Healthcare-associated infection prevention training suits personnel who support care delivery, surveillance, education, quality, or supervision. It assumes familiarity with healthcare workflows but does not require authority to diagnose infections or prescribe treatment.

How does HAI prevention and surveillance training differ from microbiology training?

HAI prevention and surveillance training focuses on precautions, care-process controls, surveillance measures, implementation, and response coordination, while microbiology training focuses on organisms, laboratory methods, and diagnostic interpretation.

How do standard precautions support healthcare-associated infection prevention?

Standard precautions establish risk-based controls for every patient interaction, including hand hygiene, PPE, respiratory hygiene, injection safety, equipment handling, environmental cleaning, and exposure prevention.

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What does infection surveillance contribute to HAI prevention?

Infection surveillance provides consistent case identification, denominator-based measures, trend review, and data-quality checks so teams can detect signals, prioritize investigation, and monitor prevention actions.

How should healthcare teams respond to a possible infection cluster?

Healthcare teams should verify the signal, apply immediate risk controls, coordinate case and exposure review, document decisions, communicate responsibilities, and monitor whether corrective actions reduce ongoing transmission risk.

Conclusion

Participants leave with an HAI Prevention and Surveillance Action Pack containing risk maps, decision checklists, audit sheets, surveillance worksheets, escalation logs, and an implementation plan. The pack connects day-to-day precautions with measurable follow-up. It supports clearer control decisions, traceable response actions, and structured improvement monitoring.