Hospital Safety Essentials: Infection Control & Handling Protocols

21 – 25 March 2027
Amman (Jordan)



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Why This Course

Hospital safety is a cornerstone of quality healthcare delivery.

Effective infection prevention and control IPC measures, combined with proper handling and hygiene protocols, protect both patients and healthcare workers from preventable harm.

This program equips participants with essential knowledge and practical skills in infection control, biosafety, and hospital handling procedures.

It is aligned with WHO, CDC, and OSHA standards to ensure compliance, enhance preparedness, and promote a culture of safety and accountability in healthcare environments.

What You'll Learn and Practice

By joining this program, you will:

- Understand the principles and standards of infection prevention and control.
- Identify infection risks and implement effective containment strategies.
- Learn safe handling and disposal protocols for patients, samples, and medical waste.
- Strengthen hand hygiene, PPE, and sterilization practices.
- Develop practical procedures to maintain a safe and compliant hospital environment.

The Program Flow

Day 1: Fundamentals of Hospital Safety and Infection Control

- Overview of hospital safety programs and regulatory frameworks.
- Types and sources of healthcare-associated infections HAIs.
- The chain of infection — how infections spread in healthcare environments.
- Standard and transmission-based precautions.
- Workshop: Identifying infection risks within hospital departments.



Day 2: Personal Protective Equipment PPE and Hygiene Practices

- PPE standards: types, correct use, and limitations.
- Proper procedures for donning and doffing PPE.
- Hand hygiene techniques and WHO's "Five Moments for Hand Hygiene."
- Safe handling of sharps and prevention of needlestick injuries.
- Practical demonstration: correct PPE and hygiene protocol compliance.

Day 3: Environmental Safety, Cleaning, and Waste Management

- Cleaning and disinfection protocols for patient care areas.
- Managing biological, chemical, and pharmaceutical waste.
- Segregation, labeling, and disposal of hazardous materials.
- Handling spills and exposure incidents safely.
- Group activity: developing a waste management checklist for healthcare facilities.

Day 4: Patient Handling, Specimen Transport, and Sterilization Procedures

- Safe patient handling and ergonomics to prevent injury and cross-contamination.
- Transportation and storage of laboratory specimens and infectious materials.
- Sterilization and disinfection methods — autoclaving, chemical agents, and UV systems.
- Case study: managing an exposure incident or contamination breach.
- Simulation: creating an infection control response plan for a hospital unit.

Day 5: Building a Culture of Safety and Continuous Improvement

- Roles and responsibilities of hospital staff in maintaining safety and IPC.
- Monitoring, auditing, and reporting infection control performance.
- Communicating safety policies and training within healthcare teams.
- Integrating infection control into hospital quality and accreditation systems.
- Action workshop: developing an infection control improvement plan.

Individual Impact

- Strengthen knowledge and confidence in hospital safety and infection prevention.
- Learn practical, evidence-based handling and control procedures.
- Improve compliance with hygiene, PPE, and sterilization protocols.
- Develop leadership in promoting safety awareness among colleagues.
- Reduce risk of occupational exposure and healthcare-associated infections.



Work Impact

- Enhance hospital safety culture and staff compliance with global standards.
- Reduce infection rates and improve patient and staff well-being.
- Strengthen operational readiness for outbreaks and emergencies.
- Improve efficiency through standardized handling and cleaning protocols.
- Support accreditation and continuous quality improvement programs.

Training Methodology

This program uses interactive, practice-oriented learning that ensures participants can directly apply concepts to their workplace.

Learning methods include:

- Real-life hospital case studies and best-practice scenarios.
- Demonstrations of hand hygiene, PPE use, and cleaning procedures.
- Group workshops and risk assessment exercises.
- Safety simulation drills and compliance checklists.
- Continuous feedback and evaluation of applied techniques.

Beyond the Course

Upon completion, participants will be equipped to implement safe, compliant, and effective infection control and handling protocols.

They will leave prepared to protect patients, staff, and visitors through proactive safety management — strengthening both operational excellence and institutional trust in the healthcare system.

