Occupational Infection Prevention and Control for Healthcare Workers Training Course

1 – 5 March 2027
Cairo

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Ref: 1374_201449 **Date:** 1 – 5 March 2027 **Location:** Cairo **Fees:** 4100 Euro

Overview

Occupational Infection Prevention and Control for Healthcare Workers Training Course is a one-week advanced course for occupational health, infection control, employee health, nursing, and safety teams who leave with an Occupational Infection Prevention and Control Plan. Participants integrate healthcare worker risk assessment, immunization and surveillance, exposure prevention, respiratory protection, post-exposure management, outbreak response, and return-to-work controls. The course connects worker protection decisions with documented governance and assurance. Agile Leaders Training Center presents occupational infection prevention through workforce-centered controls.

Who Should Attend

- Teams responsible for occupational health services and workforce medical surveillance
- Functions that govern infection prevention and control across clinical operations
- Nursing teams that coordinate safe practice and staff exposure response
- Clinical governance teams that monitor worker-safety controls and evidence
- Safety functions that manage biological hazards and respiratory protection

The course assumes participants already manage healthcare workforce risks, clinical safety controls, or employee health records and leaves out patient diagnosis, general hygiene induction, and treatment protocols.

Departments and Industries

The course serves departments and industries that must protect personnel from occupational infection while maintaining safe service delivery.

- Hospitals, clinics, and ambulatory care networks
- Laboratories, blood services, and diagnostic centers
- Long-term care, rehabilitation, and home-care providers
- Occupational health and employee health departments
- Infection prevention, nursing governance, and workplace safety functions

Learning Objectives

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

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- Analyze occupational infection risks across healthcare worker groups
- Apply exposure prevention and respiratory protection controls
- Evaluate immunization, surveillance, and work-restriction decisions
- Use post-exposure assessment and follow-up pathways
- Diagnose gaps in outbreak response and workforce communication
- Build an Occupational Infection Prevention and Control Plan

Course Agenda

Day 1: Governance and Workforce Risk

- Occupational Infection Governance and Accountability Map
- Healthcare Worker Population Risk-Stratification Matrix
- Biological Hazard and Task Exposure Inventory
- Employee Health Confidentiality and Reporting Workflow
- Occupational Infection Control Assurance Dashboard

Day 2: Prevention and Protective Controls

- Standard and Transmission-Based Precautions Decision Matrix
- Hierarchy of Controls for Occupational Infection Exposure
- Blood and Body-Fluid Exposure Control Plan
- Sharps Injury Prevention and Safer-Practice Checklist
- Respiratory Protection Program and Fit-Test Register

Day 3: Immunization, Surveillance, and Fitness

- Healthcare Personnel Immunization Assessment Record
- Occupational Infection Surveillance Indicator Set
- Symptom Reporting and Illness Escalation Pathway
- Work Restriction and Return-to-Work Decision Tool
- Worker Health Trend Review and Action Log

Day 4: Exposure and Outbreak Response

- Potentially Infectious Exposure Assessment Algorithm
- Post-Exposure Testing and Prophylaxis Coordination Record
- Source, Contact, and Affected-Worker Investigation Map
- Healthcare Workforce Outbreak Response Checklist
- Exposure Communication and Follow-Up Control Log

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Day 5: Occupational IPC Practice

- Exercise: Build a Healthcare Worker Risk Profile
- Exercise: Select Exposure and Respiratory Controls
- Exercise: Decide Work Restrictions and Return-to-Work Criteria
- Exercise: Coordinate a Workforce Exposure Cluster Response
- Capstone Exercise: Occupational Infection Prevention and Control Plan

Practical Exercises

The course uses healthcare workforce scenarios from clinical care, laboratories, and long-term care.

- Suggested activity: map tasks, worker groups, exposure routes, existing controls, and priority gaps in a workforce risk register.
- Suggested activity: assess a sharps or respiratory exposure and document reporting, testing, follow-up, and work-status decisions.
- Suggested activity: analyze surveillance signals and coordinate occupational health, infection control, nursing, and communications actions.
- Suggested activity: create assurance measures and an action plan for leadership review.

FAQs

Who suits occupational infection prevention training, and what does it assume?

Occupational infection prevention training suits experienced occupational health, infection control, employee health, nursing governance, and safety personnel who already manage workforce risks or clinical controls.

How does occupational infection prevention differ from general patient infection control training?

Occupational infection prevention centers on healthcare personnel risk, immunization, surveillance, exposure management, work restrictions, respiratory protection, and return-to-work decisions rather than primarily preventing patient-to-patient transmission.

What should a healthcare worker exposure management pathway include?

A healthcare worker exposure pathway should include prompt reporting, incident and source assessment, confidential evaluation, testing, indicated prophylaxis or treatment, follow-up, work restrictions, communication, and documented clearance.

How should healthcare worker respiratory protection be controlled?

Healthcare worker respiratory protection should connect hazard assessment, selected controls, medical evaluation where required, fit testing, training, correct use, maintenance, and program review.

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How are occupational infection control outcomes monitored?

Occupational infection control outcomes are monitored through exposure reports, surveillance trends, immunization status, control performance, work restrictions, follow-up completion, outbreak findings, and corrective-action closure.

Conclusion

The course integrates risk assessment, prevention, surveillance, exposure response, work-status decisions, and assurance. Participants take back an Occupational Infection Prevention and Control Plan that defines responsibilities, controls, decision pathways, records, and measures. The plan helps clinical organizations coordinate worker protection consistently and identify gaps before they disrupt safe operations.