

Public Health Prep: Risk, Response & Safety

12 – 16 April 2027
Cairo

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Training Center

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Ref: 103600496_109789 **Date:** 12 – 16 April 2027 **Location:** Cairo **Fees:** 4100 Euro

Course Overview

“Public Health Preparedness for Major Events: Risk, Response & Safety Planning” is a comprehensive corporate training program designed to build advanced competencies in managing public health risks associated with large-scale events. The course focuses on developing strong systems for public health preparedness, major events health preparedness, mass gathering health management, and public health emergency planning. Participants learn to anticipate, detect, and respond to emerging threats by strengthening public health risk management processes and emergency preparedness for events.

Throughout the program, learners examine real-world applications of public health emergency response, mass gathering public health strategies, health security for major events, and event health risk assessment. The course emphasizes integrated planning, cross-agency collaboration, and structured decision-making using global best practices. Participants gain practical experience in public health crisis management, emergency response preparedness, mass gathering safety planning, and public health incident management.

Additional components include health system readiness training, large event emergency planning, public health surveillance for events, medical services planning for events, and operational frameworks for emergency operations for major events. By the end of the course, participants will be equipped with the knowledge and methods needed to protect communities, maintain safety, and ensure effective health coordination during major national and international events.

Target Audience

- Public Health Officers
- Emergency Preparedness Specialists
- Mass Gathering Event Organizers
- Crisis and Incident Managers
- Health and Safety Professionals
- Epidemiologists and Surveillance Analysts
- Hospital Emergency Managers
- Government Health Planners
- Security and Risk Management Staff
- Operations Managers for Large Events

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Targeted Organizational Departments

- Public health departments responsible for public health preparedness and public health emergency planning
- Emergency operations and crisis units managing public health risk management and public health emergency response
- Surveillance and monitoring units overseeing public health surveillance for events and mass gathering public health
- Safety and operations departments working on mass gathering safety planning and large event emergency planning
- Medical and clinical service departments involved in medical services planning for events and health system readiness training
- Disaster management and response teams coordinating emergency preparedness for events and public health incident management

Targeted Industries

- Government ministries and public sector agencies
- National public health institutes
- Hospitals and emergency medical systems
- Transport authorities and airport operations
- International sports organizations and federations
- Cultural and religious event organizers
- NGOs working in emergency response
- Private sector event management companies
- Security and risk management firms
- Universities and research institutions

Course Offerings

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

- Apply comprehensive public health preparedness strategies for major events
- Implement major events health preparedness measures using global best practices
- Design mass gathering health management plans that address critical risks
- Develop public health emergency planning frameworks tailored to large events
- Conduct event health risk assessment and prioritize high-impact threats
- Strengthen public health emergency response systems and decision processes
- Coordinate emergency preparedness for events across multiple stakeholders
- Apply public health crisis management principles during high-pressure scenarios

- Build mass gathering safety planning strategies aligned with operational needs

Training Methodology

This training program uses a highly interactive, scenario-driven methodology that emphasizes practical application of public health preparedness, major events health preparedness, and mass gathering health management. Participants take part in group activities, simulations, and structured decision-making exercises to strengthen their understanding of public health emergency planning and public health risk management.

Case studies based on historical and contemporary major events allow learners to practice public health emergency response techniques, event health risk assessment, and mass gathering safety planning. These exercises help participants evaluate complex environments, identify vulnerabilities, and coordinate with multiple agencies during emergencies.

Interactive workshops focus on public health crisis management, emergency response preparedness, and public health incident management. Tabletop simulations are used to replicate real-time challenges in public health surveillance for events, health system readiness training, medical services planning for events, and emergency operations for major events.

Participants also engage in collaborative planning activities that build large event emergency planning competencies and allow them to refine risk mitigation strategies. The training concludes with structured reflection and feedback sessions that help learners reinforce practical skills, enhance communication, and apply learned concepts directly to their professional roles.

Course Toolbox

Participants will receive insights and examples of:

- Public health preparedness assessment templates
- Models for mass gathering health management planning
- Public health emergency planning process maps
- Tools for public health risk management and prioritization
- Public health emergency response coordination flowcharts
- Crisis management communication templates
- Mass gathering safety planning guidelines
- Public health incident management process diagrams

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Course Agenda

Day 1: Foundations of Public Health Preparedness

- **Topic 1:** Introduction to public health preparedness and major events health preparedness
- **Topic 2:** Principles of mass gathering health management and multi-agency coordination
- **Topic 3:** Public health emergency planning for large-scale events
- **Topic 4:** Frameworks for public health risk management and hazard profiling
- **Topic 5:** Event health risk assessment and prioritization of threats
- **Topic 6:** Foundations of public health emergency response for major events
- **Reflection & Review:** Key lessons on preparedness concepts and foundational risk planning

Day 2: Surveillance, Detection, and Early Warning Systems

- **Topic 1:** Public health surveillance for events and real-time monitoring
- **Topic 2:** Strengthening emergency preparedness for events through data-driven insights
- **Topic 3:** Public health incident management and operational activation
- **Topic 4:** Mass gathering safety planning using evidence-based approaches
- **Topic 5:** Health system readiness training and surge capacity strategies
- **Topic 6:** Emergency response preparedness for high-risk and fast-evolving scenarios
- **Reflection & Review:** Review of early detection systems and surveillance decision-making

Day 3: Health Security and Operational Preparedness

- **Topic 1:** Large event emergency planning and risk mitigation structures
- **Topic 2:** Integrating health security for major events into operational planning
- **Topic 3:** Emergency operations for major events with unified command systems
- **Topic 4:** Medical services planning for events, including logistics and deployment
- **Topic 5:** Public health crisis management and coordinated communication
- **Topic 6:** Enhancing public health emergency response capabilities for large gatherings
- **Reflection & Review:** Evaluation of health security readiness and operational planning challenges

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Day 4: Response, Coordination, and Incident Management

- **Topic 1:** Advanced public health incident management roles and responsibilities
- **Topic 2:** Emergency response preparedness for crowd incidents and health threats
- **Topic 3:** Managing mass gathering public health disruptions in real time
- **Topic 4:** Integrating epidemiological and operational data in decision-making
- **Topic 5:** Strengthening large event emergency planning and continuity systems
- **Topic 6:** Cross-agency emergency operations for major events and rapid coordination
- **Reflection & Review:** Analysis of response coordination and incident management effectiveness

Day 5: Evaluation, Improvement, and Long-Term Public Health Readiness

- **Topic 1:** Post-event assessment and improving public health preparedness outcomes
- **Topic 2:** Sustaining mass gathering health management for recurring events
- **Topic 3:** Long-term development of public health emergency planning frameworks
- **Topic 4:** Strengthening public health surveillance for future major events
- **Topic 5:** Long-term medical services planning for events and system enhancement
- **Topic 6:** Building resilience in emergency operations for major events
- **Reflection & Review:** Final synthesis and long-term strategic roadmap for public health readiness

FAQ

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

Participants should have basic knowledge of public health, emergency management, or event operations. Familiarity with incident management or public health systems is helpful but not mandatory.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day includes 4–5 hours of training with interactive activities. The total duration is 20–25 hours across one week.

What is the most common challenge organizations face when preparing for major public health events?

The most common challenge is insufficient coordination between sectors, which limits effective public health preparedness, emergency response preparedness, and public health incident management during time-sensitive scenarios.

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How This Course is Different

This course is uniquely designed to address the complex realities of public health preparedness for major events by integrating operational, strategic, and health security concepts into a single, comprehensive framework. Unlike general emergency management training, this program focuses specifically on the intersection of major events health preparedness, mass gathering health management, and public health emergency planning.

Participants receive a holistic learning experience that emphasizes public health risk management, event health risk assessment, public health emergency response, and emergency preparedness for events. The course goes beyond conceptual theory and provides hands-on practice in public health crisis management, mass gathering safety planning, public health incident management, and large event emergency planning.

The agenda is structured to build competencies progressively, from foundational knowledge to advanced emergency operations for major events, including public health surveillance for events and medical services planning for events. By combining scenario-driven learning with structured decision-making and cross-sector coordination exercises, this course equips participants with practical tools and applied methods not commonly found in conventional programs.

Professionals leave the course with actionable strategies to strengthen systems, enhance readiness, and safeguard public health during high-risk, large-scale events.