



South Central Public Health Partnership

TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

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Biological Response Preparedness for Emergency Medical Services

Instructor: Battalion Chief Sam Hansen, EFO, EMT-P, CET, CFOD

This course is offered to better prepare the emergency medical services, public health officials and other first responder agencies, including law enforcement officers, for an incident involving Weapons of Mass Destruction (WMD). A special emphasis is placed on biological response preparedness for emergency medical services, including an overview on both trauma and chemical injury triage using the nationally recognized Simple Triage and Rapid Treatment (START) system. Course participants will be better prepared to use response information sources such as the FEMA's Emergency Response to Terrorism Job Aid to assess WMD casualties, conduct medical triage, select the proper tactical response objective, and identify proper mass decontamination procedures. Participants will also receive an introduction to the Incident Management System and how to respond to WMD events using a unified command structure **Nursing CEU's will be available (3.6 contact hours)**

Learning Objectives

- Define terrorism, and recognize the chief characteristics of terrorist activities.
- Recognize attack vulnerability factors and identify chief characteristics of the 5 categories of potential terrorist threats and implement self protection measures.
- Recognize delayed effects of biological agents compared to acute effects of chemical exposures.
- Identify tactical considerations associated with acts of terrorism involving biological, nuclear, incendiary, chemical, and explosive materials (B-NICE).
- Identify the signs and symptoms of illness and/or injuries resulting from the WMD agents.
- Recognize the difference in procedures and environmental concerns between technical decontamination and medical mass decontamination.
- Identify the proper procedures involved in performing mass casualty triage.
- Recognize the chief indicators of a crime scene at WMD incidents.
- Identify specialized equipment needed to support the tactical operations involving weapons of mass destruction.
- Describe the purpose, needs, benefits and elements of a unified incident management system.
- Identify the safe protection zones at WMD incidents

Competencies

- Describe the public health role in emergency response in a range of emergencies that might arise.
- Describe his/her functional role(s) in emergency response and demonstrate his/her role(s) in regular drills
- Recognize unusual events that might indicate an emergency and describe appropriate action (e.g., communicate clearly within the chain of command.)

**Bioterrorism and Emergency Readiness*

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