

Medical Services-1 Training

Radiological Emergency Preparedness Program



MODULES INCLUDED:

- **Radiation Basics** - basic radiation concepts including exposure, contamination, health effects and radiation protection.
- **Emergency Planning** - the effects of ionizing radiation on the human body and the types of radiation injuries.
- **Dosimetry and KI** - facility specific review of the required radiation exposure monitoring devices and potassium iodide administration.
- **Vehicle Preparation** - key roles, tasks, and preparation for the transport of a contaminated patient.
- **Staff Preparation** - use of standard precautions and anti-contamination clothing (PPE) and application of required dosimetry devices.
- **Survey Instruments** - types, purpose, and operation of various types of radiological survey instruments and dosimetry.
- **Patient Decontamination** - methods, materials, and procedures required for managing various types of patient contamination scenarios.
- **Post-Incident Activities** - the process of termination of the emergency phase and

MANAGEMENT OF THE RADIOLOGICALLY CONTAMINATED PATIENT

COURSE OVERVIEW:

This 3- hour course is designed for pre-hospital emergency medical staff including EMT- B, EMT-P, AMR, Police, Fire and other pre-hospital personnel who may be required to prepare for and manage a radiologically contaminated patient.



CONTACT:

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OVER ALL COURSE GOALS:

Upon completion, students will have an understanding of the basic concepts of radiation basics, radiation protection and the step-by-step process required for the medical management and decontamination of a radiologically contaminated patient.

COURSE INSTRUCTORS:

All course instructors are well-qualified and possess extensive experience in the medical, emergency response, and hospital and EMS training-education fields. They have conducted programs throughout the US.

EMS TRAINING INFORMATION:

Date: Thursday May 29th 2025

Time: 06:00 PM to 8:00 PM

Location:

Lehigh County Joint Operations Center
4300 Broadway Allentown PA 18104

Register online at: <https://www.train.org/pa/course/1069244/live-event>

***** This course has been approved by the PA Dept of Health for 3 hours of continuing education for all BLS/ALS EMS Providers *****



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EMERGENCY MANAGEMENT AGENCY