

# 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 facility restoration.

## 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.

### OVERALL COURSE GOAL:

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.



### CONTACT:

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### 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.

### TRAINING IS SCHEDULED FOR

**DATE:** April 9, 2020

**TIME:** 6:00 PM to 9:00 PM

**LOCATION:** 185 Water Street, Willkes Barre, PA 18702

**\*\*\* CONTINUING EDUCATION CREDITS APPROVED\*\*\***



TETRA TECH