

Fact Sheet

- **Multi Casualty Incidents: Basic Operations Course**
- **Multi Casualty Incidents: Advanced Management Course**



There are notable differences between the multi-casualty incident classes taught by the Rural Response Group and those of most others. First and foremost, the basic and advanced courses are designed by a team with comprehensive real-world experience in these responses, their effective management and after-action review. Likewise, each course faculty has significant MCI experience.

Each course includes several video and photographic MCI case studies to increase student comprehension and retention. Course faculties use one or more cases from their own experience, allowing for exceptionally detailed analysis and authoritative answers to virtually any question from the class. Other incidents are also used to illustrate common response errors and tools for success. Case studies are updated from time to time to include pertinent contemporary events.

Each course also features a variety of interactive group activities and exercises to develop skills and reinforce lessons. Comprehensive student materials are provided for reference and further study.

Basic Operations Course (8 hours)

The Basic Operations course introduces students to the principles every EMS and rescue responder should understand for effective MCI response. It is appropriate for all levels, from new first responders to experienced paramedics, including line responders, company officers, supervisors and Hospital Emergency Response Team members.

Upon successful completion of the course, the student will be able to describe or explain:

- How MCI operations differ from routine or disaster response
- Terms and roles common to MCI operations
- MCI scene and response organization
- Multi-casualty triage
- Duties and responsibilities of key Medical Group positions and units
- Prioritization and organization of patient transportation
- Common errors in MCI operations

Typical MCI Basic Operations Schedule

Welcome, Introductions and Course Overview	0.5 hour
Introduction to Basic Multi-Casualty ICS	0.5 hour
Staffing and Organizing the Multi-Casualty Branch	1.0 hour
Exercise: ICS assignments	
Medical Group Supervisor/Branch Director	1.0 hour
Continuity Exercise	
MCI Scene Management	1.0 hour
Exercise: Scene Management (small groups)	
ICS Positions for Typical MCI Response	1.0 hour
S.T.A.R.T. Triage and Exercise	0.75 hour
The 10 “Killer” Errors of MCI Response	0.75 hour
Review and Wrap-Up	0.5 hour
Group Exercise with position role-play	0.5 hour
Final Exam	0.5 hour

Multi Casualty Incidents: Advanced Management Course (8 to 16 hours at client’s option)

The advanced builds on the prerequisite MCI Basic Operations course to provide principles and skills necessary for successful management of a response to larger and more complex MCI incidents. Complexities may include greater patient or responder numbers, hazardous materials, law enforcement tactical operations, WMD or other factors. Less common MCI incident command positions and functions are explored, and the hosting agency can select from a number of specialized modules depending on local needs and wishes.

Core curriculum for the advanced course comprises approximately 4 hours on these topics:

- How complex MCI operations differ from more common multi-patient events
- When to escalate from Medical Group to Medical Branch response
- Advanced Functions for the Medical Group Supervisor/Medical Branch Director, Medical Transportation Coordinator and Medical Communications Coordinator
- ICS medical positions and functions for large and complex incidents
- Operating under conditions of disrupted or overwhelmed support systems

Advanced courses offer 4 to 12 additional hours on the client’s choices of these specialized modules, each taking approximately 60 minutes. We work closely with the client to customize the training to meet local needs.

- Hazardous Materials Medical Support
- Introduction to Disaster Medical Operations
- WMD Response Overview
- Blast Injury Management
- Chemical Agents
- Law Enforcement Tactical Operations: An Introduction for EMS Personnel
- Unconventional Patient Destinations
- Mass Casualty & Terrorism Response: Lessons from Israel
- Radiological Incidents
- Crush Injury Management
- Bioterrorism Response
- Ambulance Strike Teams/Medical Task Forces Overview

A working knowledge of basic ICS is recommended for all MCI students