



Lesson Plan: All-Hazards Multi-Casualty Incidents

Topic: All-Hazards Multi-Casualty Incidents

Presenter: West Michigan Regional Medical Consortium CE Sponsor Program

Location: West Michigan Regional Medical Consortium CE Sponsor Locations

Credit Category: Operations; Medical; Trauma

License Level: MFR, EMT, SPEC, MEDIC

Credits: 6

Format: 1 hour lecture, 1 hour practical – Operations
1 hour lecture, 1 hour practical – Medical
1 hour lecture, 1 hour practical – Trauma

Objectives: At the conclusion of this CE session, the participants will be able to:

Cognitive

1. Describe the all-hazards approach to disaster mitigation, preparedness, response, and recovery.
2. Summarize scene safety procedures.
3. Summarize criteria for casualty triage.
4. Explain appropriate decontamination method.
5. Describe need to perform rapid casualty assessment to determine exposure and injury.
6. Summarize treatment goals of the Mass Casualty Medical Patient.
7. Summarize treatment goals of the Mass Casualty Trauma Patient.
8. Identify indication, routes, doses, and timeliness of antidote administration.
9. Describe general treatment of shock.
10. Describe general treatment of seizures.
11. Describe general treatment of traumatic amputation.

Psychomotor

1. Assign casualty to correct triage category.
2. Don appropriate Personal Protective Equipment (PPE).
3. Perform rapid casualty assessment to determine exposure and injury.
4. Perform relevant cardiac and respiratory monitoring.
5. Perform effective oxygenation and/or ventilation.
6. Perform focused and ongoing assessment.
7. Perform antidote administration.
8. Evaluate casualties response to antidote.

Affective

None



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Outline for CE Session:

1. Introductions and Course Overview
2. **Operations – Emergency Preparedness**
 - A. All-Hazards Approach to Disaster Preparedness
 - B. Scene Safety
 - i. Special Considerations Relevant to Disaster Response
 - ii. Procedures
 - C. Casualty Triage
 - D. Rapid Casualty Assessment
 - E. Decontamination Methods
 - F. Casualty Triage Exercise
 - G. Mass Casualty Tabletop Exercise
 - H. Discussion and Debrief
3. **Medical**
 - A. All-Hazards Approach to the Medical Patient
 - B. Scene Safety Considerations
 - C. Casualty Triage Review
 - D. Rapid Casualty Assessment of the Medical Patient
 - E. Decontamination Considerations
 - F. Simulation of Mass Casualty Medical Patient
 - G. Discussion and Debrief
4. **Trauma**
 - A. All-Hazards Approach to the Trauma Patient
 - B. Scene Safety Considerations
 - C. Casualty Triage Review
 - D. Rapid Casualty Assessment of the Trauma Patient
 - E. Decontamination Considerations
 - F. Simulation of Mass Casualty Trauma Patient
 - G. Discussion and Debrief
5. Summary and Questions

Student Evaluation Method: No formal evaluation of participants will occur. Participants may be informally evaluated through feedback of simulation manikin and treatment provided.

Evaluation of Presentation: Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.

Rationale for Presentation: To better prepare healthcare professionals and emergency response personnel for mass casualty events, by stressing a comprehensive, all-hazards approach to assist health professionals respond to disasters and other public health emergencies.