

General Continuing Medical Education Information

Hospital Management of Chemical, Biological, Radiological/Nuclear, and Explosive Incidents Course

Sponsored By
U.S. Army Medical Command

Accreditation Statement

The U.S. Army Medical Command is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation

The U.S. Army Medical Command designates this Live Activity for a maximum of up to **35 AMA PRA Category 1 Credit(s)**.TM Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Statement of Need/Gap Analysis

The purpose of this CME activity is to address the identified gap(s):

1. Medical providers must be able to differentiate signs and symptoms of chemical and biological agents.
2. Medical providers must be able to supervise and delegate resources during the patient decontamination process.
3. Medical providers must be able to identify and appropriately treat patients exposed to chemical and biological agents based on diagnosis.

Learning Objectives

1. Identify and apply key legal requirements, including those related to the National Incident Management System (NIMS), the National Response Plan (NRP), the Hospital Incident Command System (HICS), and the Joint Commission on Accreditation of Healthcare Or
2. Define key terms relating to CBRNE agents and mass-casualty incidents.
3. Compare and contrast the effects of CBRNE agents.
4. Describe the proper use of applicable instruments in the detection of CBRNE agents.
5. Explain the nature of patient decontamination, the similarities and differences involving patient decontamination of different kinds of CBRNE agents, and effective methods of patient decontamination.
6. Demonstrate understanding of and familiarity with the patient-decontamination and personal-protective equipment (PPE) conditions and recommendations from OSHA Best Practices for Hospital-based First Receivers of Victims from Mass Casualty Incidents
7. Describe how to choose and use proper personal protective equipment in the decontamination and post-decontamination hospital zones in a CBRNE mass-casualty incident.
8. Describe appropriate triage categories for CBRNE casualties.
9. Explain and apply the acronym ABCDDs in terms of immediate care of CBRNE casualties.
10. Explain and apply one or more acronyms for the secondary assessment of CBRNE casualties.
11. Summarize the physics, types of injuries, and hospital-based responses appropriate to the assessment, clinical management, and administrative disposition of blast casualties.
12. Apply the principles of medical management of blast mass casualties in a hospital setting.
13. Summarize the physics, types of injuries, and hospital-based responses appropriate to the assessment, clinical management, and administrative disposition of casualties exposed to ionizing radiation.
14. Apply the principles of medical management of ionizing-radiation (including nuclear) mass casualties in a hospital setting.
15. Summarize the toxicology, types of injuries, and hospital-based responses appropriate to the assessment, clinical management, and administrative disposition of mass casualties from chemical agents.
16. Apply the principles of medical management of chemical-agent mass casualties in a hospital setting.
17. Summarize the biology, types of injuries, and hospital-based responses appropriate to the assessment, clinical management, and administrative disposition of mass casualties from biological agents.

18. Apply the principles of medical management of biological-agent mass casualties in a hospital setting.
19. Discuss and apply the principles of CBRNE MCI hospital response in the setting of typical MCI scenarios.
20. While participating in each of several separate small-group exercises, demonstrate the ability to apply the principles of MCI hospital response to individual scenarios involving different CBRNE agents.
21. Describe available follow-on training resources for the hospital management of CBRNE mass casualty incidents.

Target Audience / Scope of Practice

Target Audience: Hospital-based medical professionals, including physicians, nurses, dentists, paramedical professionals, hospital administrators, medical planners, and others who plan, conduct, or have responsibility for hospital management of mass casualty incidents and/or terrorism preparedness.

Scope of Practice: Classroom instruction and table-top exercises prepare graduates to effectively manage casualties of chemical, biological, radiological, nuclear and explosive incidents at the medical provider level of care.

Disclosure of Faculty Relationships

As a sponsor accredited by the ACCME, it is the policy of the U.S. Army Medical Command to require the disclosure of the existence of any significant financial interest or any other relationship a faculty member or a sponsor has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation. Detailed disclosure will be made in the course syllabus/handout materials.

Disclosure of Committee Member Relationships

As a CME provider accredited by the ACCME, it is the policy of the U.S. Army Medical Command to require the disclosure of everyone who is in a position to control the content of an activity, to include CME directors, planners, and committee members. The incumbent must disclose any relevant financial relationships with any commercial interest over the preceding 12 month period. Any conflicts of interest need to be resolved prior to the start of the activity. Detailed disclosure will be made in the course syllabus/handout materials.

Acknowledgment of Commercial Support

There is no commercial support associated with this educational activity.

Registration

You may register for this activity at <https://education.mods.army.mil/cme/secured/>. Click on 'Activity Registration' from the menu on the left. For assistance, you may contact the CME Planner, Laura Boehm, at laura.a.boehm.ctr@us.army.mil or 410-436-2230.

Evaluation

Evaluations of this activity must be submitted online at: <https://education.mods.army.mil/cme/secured/>