



# HM - CBRNE

## HOSPITAL MANAGEMENT OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL/NUCLEAR, AND EXPLOSIVE INCIDENTS

The Hospital Management of Chemical, Biological, Radiological/Nuclear, and Explosive Incidents Course (HM-CBRNE), is conducted jointly by the US Army Medical Research Institute of Chemical Defense (USAMRICD), the US Army Medical Research Institute of Infectious Diseases (USAMRIID) and the Armed Forces Radiobiology Research Institute (AFRRI).

**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.

**Course Date:** Please check our website [http://ccc.apgea.army.mil/courses/in\\_house/calendar.htm](http://ccc.apgea.army.mil/courses/in_house/calendar.htm) for a list of course dates.

**Training Location:** US Army Medical Research Institute of Chemical Defense, Chemical Casualty Care Division, Aberdeen Proving Ground – Edgewood Area, MD.

**Cost:** \$950.00

**Course Description:** This course is designed to equip military and civilian hospital-based medical and management professionals with skills, knowledge and information resources to carry out the full spectrum of health care facility responsibilities required by a chemical, biological, radiological/nuclear, explosive, (CBRNE) or mass casualty event. Classroom and practical application instruction focuses on diagnosis, treatment, and incident management in response to mass casualty events of all types, including incidents involving weapons of mass destruction. The course provides healthcare professionals with management skills necessary to deal with the medical, physical, economic and other challenges posed by such incidents.

Course content includes specific discussion of and compliance strategies related to the newest Joint Commission on Accreditation of Healthcare Organizations (JCAHO) Environment of Care standards, including requirements concerning hospital roles in response to terrorist incidents.

This course incorporates the following teaching methods: lecture, tabletop exercise, multi-station exercise, demonstration/hands-on practice, multimedia presentation, group discussion, educational displays, and printed instructional and reference materials.

At the conclusion of this training, participants will be able to:

1. Apply skills and knowledge necessary to maintain hospital operations when impacted by mass casualty incidents of all types, including those involving weapons of mass destruction.
2. Demonstrate the skills necessary to accomplish mitigation, preparation, response and recovery in hospital-based management of a major incident, including appropriate casualty care and infrastructure protection during events involving chemical, biological, radiological/nuclear, and explosive substances.

**Credits are available: 32.75/Physicians, 40/Nurses, 32.50/Paramedics, 32.75/all others**

## Course Agenda

<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>	<b>Day 4</b>	<b>Day 5</b>
Course Overview	Biological Agents and Hospital Emergency Mgmt: A BW Perspective	Conventional Blast Incidents	Radiation Fundamentals, Radiological Threats, and Nuclear Mass Casualty	Tabletop Exercise Process Briefing
NIMS and NRP		Case Study: Major Terrorist Bomb Attack	Medical Mgmt of Radiation Injury Victims	Hospital Incident Mgmt Planning Session
Hospital Incident Command System (HICS)				
Hospital Emergency Mgmt: General Principles	Hospital Mgmt for Casualties of Bioterrorism	Chemical Agents	Radiological/ Explosive Attack Scenario	Tabletop Exercise
Psychological Aspects of CBRNE Warfare & Terrorism	Hospital Response Considerations for a Large-Scale Biological Event	Hospital Emergency Mgmt: A CW Perspective	Triage of CBRNE Casualties	After Action Review
<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	
Decontamination, Detection, and Personal Protective Equipment	Biological Incident Discussion Scenario	Chemical Attack Discussion Scenario	Multi-Station Exercise	Informatics in CBRNE Casualty Care
				Graduation
Hospital Incident Mgmt Planning Session	Hospital Incident Mgmt Small Group Exercise I	Hospital Incident Mgmt Small Group Exercise II	Panel Discussion and Hospital Incident Mgmt Planning Session	
	Panel Discussion and Hospital Incident Mgmt Planning Session	Panel Discussion and Hospital Incident Mgmt Planning Session		

To obtain more information, please go to  
[http://ccc.apgea.army.mil/courses/in\\_house/cbrne.htm](http://ccc.apgea.army.mil/courses/in_house/cbrne.htm)