Medical Management of Chemical and Biological Casualties Video Course

Sponsored By
U.S. Army Medical Command

Activity ID
2006-0541

Course Director
Charles G. Hurst

Planner
Sharon Key

Activity Date

Location
Internet Enduring Material
Aberdeen Proving Grounds, MD

General Continuing Medical Education Information

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 educational activity for a maximum of 16.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Statement of Need
The planning committee for this activity has determined that a need exists to provide increased training. DAPAM 50-6, May 17 1991, Chapter 6-3: Concept of Operations. "The Medical Response Team leader (whether permanently or temporarily assigned in this capacity) will attend Medical Management of Chemical Casualties Course conducted by U.S. Army Medical Research Institute of Chemical Defense (USAMRICD)."

Learning Objectives
1. Recognize the military terms for and the clinical effects of chemical and biological agents.
2. Identify means of therapeutic intervention in both a medical center and a field environment.
3. Identify methods of managing contaminated and uncontaminated casualties in a field environment or a fixed medical facility.
4. Identify the historical aspects of chemical agent use in warfare and realize chemical and biological warfare capabilities practiced in the world today by countries or by terrorist groups.

Intended Audience
This course is designed for Medical Corps and Nurse Corps officers, physician assistants, Medical Service Corps officers in specialties 67B, C, or E, and other selected medical professionals.
Policy on Disclosure
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.

** The U.S. Army Medical Command supports the Americans with Disabilities Act. Please contact the Course Administrator for any special request **

Acknowledgment of Commercial Support
There is no commercial support associated with this educational activity.

** Agenda **

** PRESENTATION TITLE **
Introduction/Course Overview of Chemical Agents (James Madsen)  
History of the Medical Aspects of Chemical Warfare (James Madsen)  
Nerve Agents and Pretreatment (James Madsen)  
Vesicant (Charles Hurst)  
Cyanide (James Madsen)  
Pulmonary Agents (Roger Baxter)  
Incapacitating Agents (James Madsen)  
Riot-Control Agents (Jonathan Newmark)  
Triage and Field Management of Chemical-Agent Casualties (Roger Baxter)  
NBC Counter terrorism and Scenarios (Jonathan Newmark)  
Overview of Biological Agents (Theodore Cieslak)  
Bacterial Threat - Anthrax (Theodore Cieslak)  
Bacterial Threat - Plague (Theodore Cieslak)  
Viral Threat - Smallpox (Theodore Cieslak)  
Toxin Threat - Botulinum toxins, Ricin, Staphylococcal (Theodore Cieslak)  
Enterotoxin B, Myotoxin  

** DATE/ TIME **
10/1/2006 08:00-09:00  
10/1/2006 09:00-09:40  
10/1/2006 09:40-11:30  
10/1/2006 11:30-12:40  
10/1/2006 13:40-14:40  
10/1/2006 14:40-15:40  
10/1/2006 15:40-16:40  
10/1/2006 16:40-17:10  
10/2/2006 08:00-09:00  
10/2/2006 09:00-10:00  
10/2/2006 10:00-11:30  
10/2/2006 11:30-12:00  
10/2/2006 12:00-12:40  
10/2/2006 13:40-14:20  
10/2/2006 14:20-17:00
Faculty Presenters

**Roger Baxter**
COL Baxter served for 3 years as the XO of the CCCD at USAMRICD, as the Course Director for the Field Management of Chemical and Biological Casualties Course and an instructor for the Medical Management of Chemical and Biological Casualties Course.

**THEODORE CIESLAK**
COL Cieslak is a staff pediatrician who is currently the Chief, Department of Pediatrics at Brooke Army Medical Center. He is the Deputy Consultant, Biodefense Issues for the Army Surgeon General's Office. He has over 55 publications.

**Charles Hurst**
Dr. Hurst is board certified in dermatology. He is chief of the Chemical Casualty Care Division. He also retains a part-time dermatology practice at the Pentagon Health Clinic.

**James Madsen**
James M. Madsen, MD, MPH, FCAP, COL, MC-FS, USA is board-certified in anatomic and clinical pathology and in occupational medicine and also holds several faculty appointments at the Uniformed Services University of the Health Sciences (USUHS). He teaches throughout the world and has published and edited a variety of journal articles, book chapters, and books on mass-casualty agents, disaster response, and occupational medicine as well as actively serving on several national committees.

**Jonathan Newmark**
COL Newmark serves as staff neurologist at WRAMC, Washington, DC, and as associate professor of neurology at the USUHS, Bethesda, Maryland. He is also consultant to the Pentagon for NBC issues.

*Online registration is available for this activity at [https://apps.mods.army.mil/cmeweb/](https://apps.mods.army.mil/cmeweb/)*