

Medical Management of Chemical and Biological Casualties Video Course

Sponsored By
U.S. Army Medical Command

Activity ID
2006-0541

Course Director
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Planner
Sharon Key

Activity Date
10/1/2006 - 6/22/2007

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

<u>PRESENTATION TITLE</u>	<u>DATE/TIME</u>
Introduction/Course Overview of Chemical Agents (James Madsen)	10/1/2006 08:00-09:00
History of the Medical Aspects of Chemical Warfare (James Madsen)	10/1/2006 09:00-09:40
Nerve Agents and Pretreatment (James Madsen)	10/1/2006 09:40-11:30
Vesicant (Charles Hurst)	10/1/2006 11:30-12:40
Cyanide (James Madsen)	10/1/2006 13:40-14:40
Pulmonary Agents (Roger Baxter)	10/1/2006 14:40-15:40
Incapacitating Agents (James Madsen)	10/1/2006 15:40-16:40
Riot-Control Agents (Jonathan Newmark)	10/1/2006 16:40-17:10
Triage and Field Management of Chemical-Agent Casualties (Roger Baxter)	10/2/2006 08:00-09:00
NBC Counter terrorism and Scenarios (Jonathan Newmark)	10/2/2006 09:00-10:00
Overview of Biological Agents (Theodore Cieslak)	10/2/2006 10:00-11:30
Bacterial Threat - Anthrax (Theodore Cieslak)	10/2/2006 11:30-12:00
Bacterial Threat - Plague (Theodore Cieslak)	10/2/2006 12:00-12:40
Viral Threat - Smallpox (Theodore Cieslak)	10/2/2006 13:40-14:20
Toxin Threat - Botulinum toxins, Ricin, Staphylococcal Enterotoxin B, Myotoxin	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/>