

# Chemical Casualty Care Division

United States Army Medical Research Institute of Chemical Defense

## Informatics in Chemical Casualty Care



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# Chemical Casualty Care Division

United States Army Medical Research Institute of Chemical Defense



- **Courses**
- **Training Materials**
- **Distance Learning\***
- **Web Site**
- **CD-ROM**

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# Courses

- **Medical** Management of Chemical and Biological Casualties (MCBC)
- **Field** Management of Chemical and Biological Casualties (FCBC)
- Off Site Courses



# Medical Management of Chemical and Biological Casualties (MCBC)

- Tri-Service course conducted by USAMRICD and USAMRIID (AMEDDC&S #6H-F26)
- Graduate Medical Education Program
  - MD, DC, RN, PA, MSC officers (67B,C,E), 18D medics
  - 3 Upper Level College Credits
- Focus is pathophysiology, diagnosis, treatment
- Lecture, Laboratory, Field Training



Frederick R. Sidell, MD

# Field Management of Chemical and Biological Casualties (FCBC)

- Training course in 1st echelon management of chemical and biological agent casualties
  - medical and chemical NCOs, MSC officers (67A), DC, Chemical Corps officers
- Focus is pre-hospital management of casualties
  - emergency treatment and casualty decontamination
- Lectures, Laboratory, 2 days of Field Training













Field Training Exercise

# Off Site Courses

- 3-day version of MCBC
  - Day 1, 2 - condensed core content
  - Day 3 - exam and FTX
- At selected medical units, such as:
  - 86<sup>th</sup> CSH, Ft. Campbell, KY
  - 21<sup>st</sup> CSH, Ft. Hood, TX
  - 28<sup>th</sup> CSH, Ft. Bragg, NC
  - 339<sup>th</sup> CSH, Pittsburgh, PA
  - 405<sup>th</sup> CSH, Hartford, CT



# Distance Learning Courses

-   Advanced Topics on Medical Defense Against Biological and Chemical Agents, 6 Nov 02 – 27 Aug 03, 6 tapes
-   Biological and Chemical Warfare, Medical Issues and Response Satellite Course, 28-30 Nov 01, 6 tapes
-  Medical Response to Chemical Warfare and Terrorism 2000 Satellite Course, 5-7 Dec 00, 6 tapes
-  Medical Management of Chemical and Biological Casualties Video Course, 17 tapes
-   MMCC Supplemental Training Materials v 3.00
-   Medical Management of Chemical Casualties Course
  - Nerve Agent Casualties
  - Vesicant Agent Casualties
  - Cyanide Agent Casualties
  - Pulmonary Agent Casualties
  - Incapacitating and Riot Control Agent Casualties
  - Triage of Chemical Agent Casualties
  - Virtual Field Training Exercise

# Advanced Topics on Medical Defense Against Biological and Chemical Agents

- Joint USAMRIID/USAMRICD effort
- Topics covered:
  - Smallpox: Recognition & Response
  - Advanced Management of Nerve Agent and Sulfur Mustard Casualties
  - Vaccines Against Biological Warfare Agents
  - Chemical Threat Agents: The Community Provider's Perspective
  - Toxins as Biological Warfare and Terrorism Agents
  - Chemical Threat Agents: What Has History Taught Us?
- CME/CEU (12-Physicians, 14.4-Nurses)
- Registration & Evaluation: [www.biomedtraining.org](http://www.biomedtraining.org)

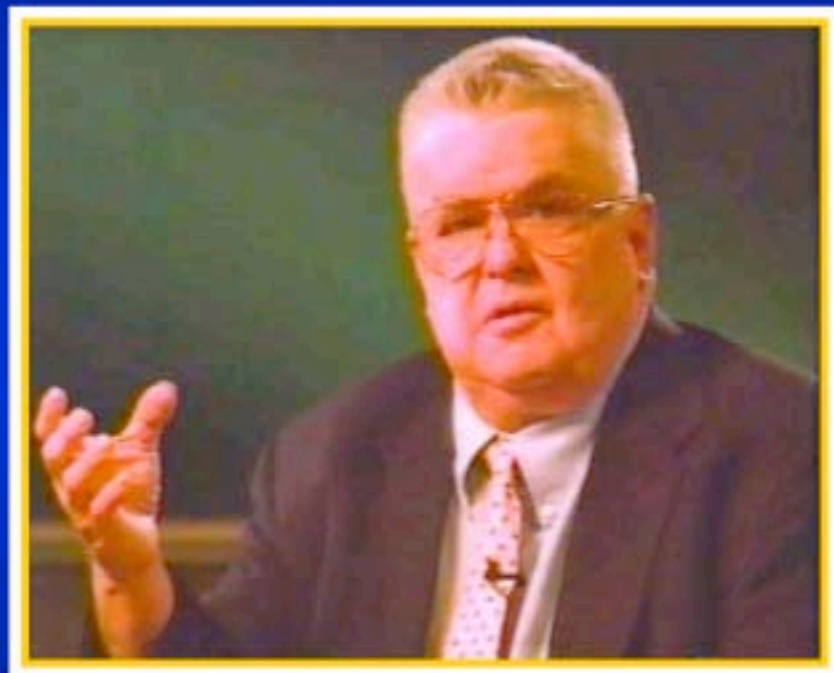


6 Nov 02 – 27 Aug 03

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# Biological and Chemical Warfare and Terrorism, Medical Issues and Response

- 12 hours of instruction covering the following:
  - Day 1 - Overview of biological agents
  - Day 2 - Overview of chemical agents
  - Day 3 - Management of a biological or chemical warfare or terrorist event. Describes the roles of the first responder, public health and medical personnel.
- Didactic material, interviews, and scenarios
- CME/CEU (12.0-Physicians, 14.4-Nurses)
- Registration & Evaluation:  
[www.biomedtraining.org](http://www.biomedtraining.org)



28-30 Nov 01

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# Medical Response to Chemical Warfare and Terrorism 2000

- 12 hours of instruction will teach health care providers:
  - how different classes of chemical-warfare agents act
  - how casualties are likely to present
  - how to diagnose and treat victims of chemical-agent exposures
  - present current research initiated by scientists
- Didactic material, interviews, and scenarios
- CME/CEU (10.25-Physicians, 12.3-Nurses)
- Registration & Evaluation:  
[ccc.apgea.army.mil](http://ccc.apgea.army.mil)



5-7 Dec 00

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# Medical Management of Chemical and Biological Casualties (MCBC) – Video Series

- In House MCBC Course in VHS format, 17 tapes
- NOT intended to replace the on-site MCBC Course
- Refresher training for medical personnel and alternate way of obtaining core didactic material when attendance at the on-site course is not feasible
- CME/CEU (15.50-Physicians, 18.6-Nurses)
- Registration & Evaluation: <http://ccc.apgea.army.mil>



# Training Materials



Textbook of Military Medicine: Medical Aspects of Chemical and Biological Warfare



Medical Management of Chemical Casualties Handbook (Revised July 2000)



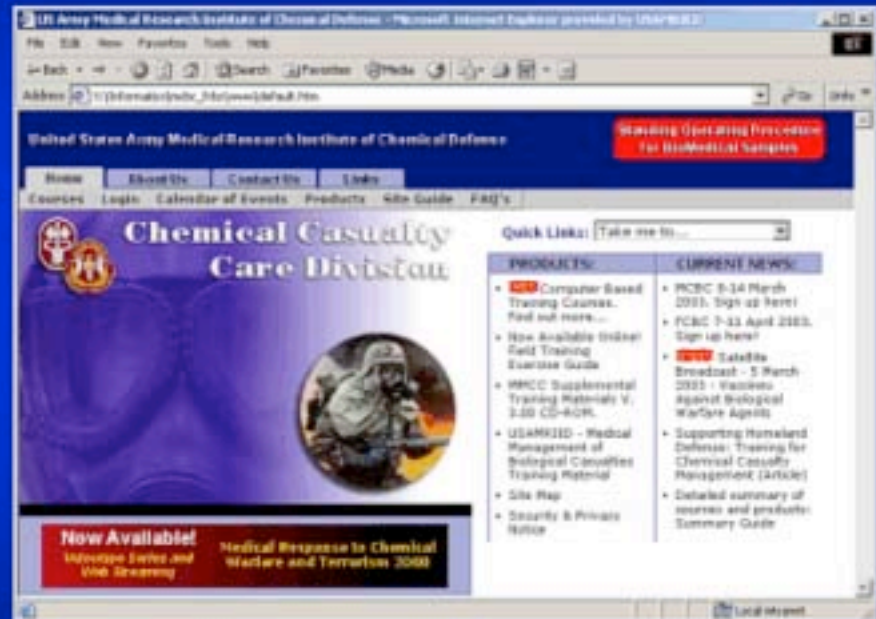
Field Management of Chemical Casualties Handbook (Revised July 2000)



Medical Management of Chemical Casualties Supplemental Training Materials v. 3.00

# Chemical Casualty Care Division Web Site

- Training Materials
- Reference Materials
- Obtaining Materials
- MMCC Fundamentals
- Download Materials
- Distance Learning
- Links



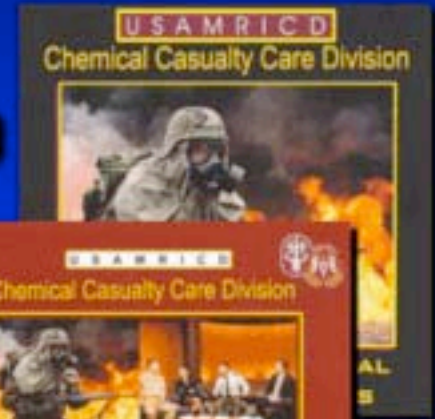
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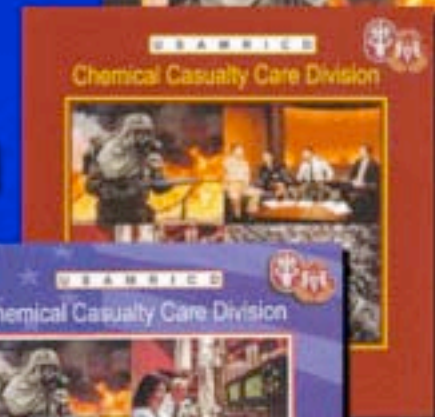
# MMCC Supplemental Training Materials v. 3.00

- Contents:
  - Interactive Casualty Assessment Scenarios
  - MMCC Fundamentals Minicourse
  - Medical Management of Nerve Agent Casualties
  - Video Segments – over 100 minutes
  - Field Training Exercise (FTX) Guide
  - Medical Supplies Database
  - Course Information
  - How To Obtain Products
  - And more....

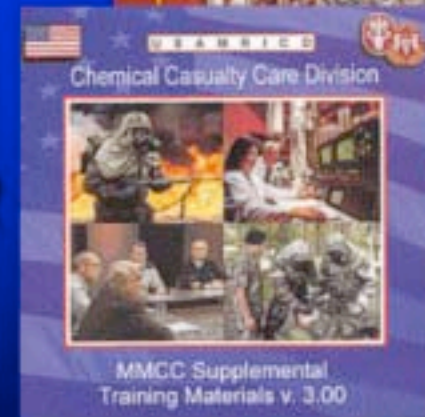
2000



2001



2002



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