



Department of
Veterans Affairs



Employee Education System

U. S. Army Medical Command

and

Department of Veterans Affairs Employee Education System

and

Department of Veterans Affairs
Emergency Management Strategic Healthcare Group

present

COURSE NO. 03.WMC.NAGENT.A

ADVANCED MANAGEMENT OF NERVE AGENT AND SULFUR MUSTARD CASUALTIES

January 8, 2003

1 – 3 pm Eastern Time Channel 1

(Test signal 12:30 – 1:00 pm ET)

Place: Your Local Satellite Site. Check with your local satellite coordinator for exact locations.

Purpose: The potential for bioterrorism requires staff to be up-to-date on nerve agents that could be used as weapons against this country. Renowned scientists and clinicians from the United States Army Medical Research Institute of Chemical Defense and other Federal and private organizations will inform and educate health professionals with information critical to reducing the burden of injury from, and the long-term management of, agent exposure.

Outcome Objectives: The participant will be able to:

1. discuss current and future developments to improve protection against nerve agents and vesicants;
2. describe acute treatment for nerve agent and best practice recommendations for prevention of nerve agent induced seizures;
3. identify the treatment concerns and quality of life issues related to the long-term effects of nerve and mustard agents; and,
4. discuss surgical and mortuary affairs management issues related to vesicant casualties.

Target Audience: VA clinical staff and first responders who are involved in VAMC emergency response to disasters and other related disaster issues.

For more information about the products and services provided by the Employee Education System (EES), visit our website at <http://vaww.ees.lrn.va.gov/>.

**Accreditation/
Approval:****ACCME**

The VA Employee Education System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. This activity was planned and produced in accordance with the ACCME Essentials.

ANCC

VA Employee Education System is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

**Continuing
Education
Credit:****ACCME**

The VA Employee Education System designates this educational activity for a maximum of 2 hours in category 1 credit towards the American Medical Association Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

ANCC

VA Employee Education System designates this educational activity for 2.4 contact hours in continuing nursing education.

ASWB

VA Employee Education System, Provider Number 1040, is approved as a provider for social work continuing education by the Association of Social Work Boards (ASWB), (1-800-225-6880) through the Approved Continuing Education (ACE) program. VA Employee Education System maintains responsibility for the program. Social workers will receive 2 continuing education clock hours in participating in this course.

A certificate of attendance will be awarded to participants and accreditation records will be on file at the Employee Education System. In order to receive a certificate from EES, you must sign in at the beginning of this activity, complete an evaluation, attend 100% of the satellite broadcast. EES cannot issue certificates for less than 100% participation as required by accrediting body regulations.

**Report of
Training:**

It is the program participant's responsibility to ensure that this training is documented in the appropriate location according to his/her locally prescribed process.

Program Schedule

Wednesday, January 8, 2003

1:00 pm	Introduction & Overview	COL Jonathan Newmark, MD, Moderator
1:05 pm	Nerve Agents – Review of nerve Agent Action	
1:10 pm	Improved Protection Against Nerve Agents	COL Jonathan Newmark, MD, Moderator David Lenz, PhD, Moderator LTC(P) Brian Lukey, PhD Ernest Braue, PhD CPT Patterson Taylor, PhD
1:25 pm	Acute Treatment and Secondary Prevention of Neurological Sequelae	COL Jonathan Newmark, MD, Moderator LTC Geoff Ling, MD
1:45 pm	Long-Term Treatment Concerns and Quality of Life Issues for Individuals Exposed to Nerve Agents	COL Jonathan Newmark, MD, Moderator Lucia Altamirano, MD Lt Col Charles Boardman, USAF, BSC
2:00 pm	Sulfur Mustard – How Sulfur Mustard Acts on the Body Systems and Model Development to Understand the Effects of this Agent	Charles Hurst, MD, Moderator William J. Smith, PhD, Moderator LTC(P) Brian Lukey, PhD
2:20 pm	Chronic and Long Term Effects of Exposure to Sulfur Mustard and New Management Recommendations	Charles Hurst, MD, Moderator William J. Smith, PhD, Moderator LTC(P) Brian Lukey, PhD CPT Patterson Taylor, PhD
2:30 pm	Live Question and Answer	COL Jonathan Newmark, MD, Moderator William J. Smith, PhD, Moderator Charles Hurst, MD LTC(P) Brian Lukey, PhD Lt Col Charles Boardman, USAF, BSC LTC(P) Beverly Maliner, MD
2:55 pm	Summary and Credits	COL Jonathan Newmark, MD, Moderator
3:00 pm	Adjourn	

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**Application
Procedure:**

To receive credit for this course, you must sign in at the viewing site, attend 100% of the satellite broadcast and complete the registration and evaluation form.

**On-Line
Registration and
Evaluation and
Certificate:**

An on-line opportunity for registering and evaluating this satellite offering is attached.

After completing and submitting your registration/evaluation, you will be given the opportunity to **print out a certificate** for completing the course. It is recommended that you print out the certificate for use at your facility.

**This program will no longer be authorized for CME credit after
January 8, 2004.**

**Americans with
Disabilities Act
Policy:**

The Employee Education System wishes to ensure no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals attending this workshop because of the absence of auxiliary aids and services. If you require any special arrangements

to attend and fully participate in this educational workshop, please contact your satellite coordinator.

Faculty Disclosure(s)

The Employee Education System (EES) must insure balance, independence, objectivity, and scientific rigor to all EES sponsored educational activities. The intent of this disclosure is not to prevent faculty with a significant financial or other relationship from presenting materials, but rather to provide the participant with information on which they can make their own judgments. It remains for the participant to determine whether the faculty interests or relationships influence the materials presented with regard to exposition or conclusion. When an unapproved use of a FDA approved drug or medical device, or an investigational product not yet FDA approved for any purpose is mentioned, EES requires disclosure to the participants.

Faculty members have provided the following information regarding their significant financial interest or other relationship with manufacturers of any commercial product and/or providers of commercial services discussed in an educational presentation and any commercial supporters of this activity:

Lucia Altamirano, MD	Disclosed discussion of Topamax for migraine headache which has not been approved by FDA for pharmaceuticals or medical devices.
Charles Boardman, LtCol, BSC	No disclosures declared
Ernest H. Braue, Jr., PhD	No disclosures declared
Charles G. Hurst, MD	No disclosures declared
David E. Lenz, PhD	Disclosed use of Pyridostigmine as a nerve agent pretreatment. EES requires that the speaker disclose this product is not labeled for the use under discussion, or that the product is still investigational.
Geoff Ling, LTC, PhD, MD	No disclosures declared
Brian Lukey, LTC(P), PhD	Disclosed use of Triamcinolone/ceflazolin for HD induced ocular injury. EES requires that the speaker disclose that these products are not labeled for the use under discussion, or that the product is still investigational.
Beverly Maliner, LTC(P), MC	Disclosed off-label use of midazolam/lorazepam for seizures; of pyridostigmine bromide for nerve agent pretreatment.
Jonathan Newmark, COL, MD, MC	Disclosed off-label use of FDA approved benzodiazepines for seizures.
William J. Smith, PhD	Disclosed off-label use of drugs for mustard therapy.
Patterson Taylor, CPT, PhD	No disclosures declared