

Advanced Topics on Medical Defense Against Biological and Chemical Agents

Vaccines Against Biological Warfare Agents

Course No. 03.VABWA.A



Live Satellite Broadcast

March 5, 2003

1:00 - 3:00 PM EST

(Third in a series of six two-hour broadcasts)

(Test Signal from 12:30-1:00 PM EST)



***Sponsored by U.S. Army Medical Command,
Department of Veterans Affairs Employee Education System,
and Emergency Management Strategic Healthcare Group***

The anthrax attacks in the United States in October 2001 and the sarin attacks in Japan in 1994-95 have demonstrated that biological and chemical weapons are in the hands of terrorists and will be used. Military and civilian medical and public health professionals must become proficient in the recognition and management of biological and chemical casualties, and in notifying the appropriate response agencies. This live, interactive, two-hour satellite broadcast will inform and educate health professionals with detailed information on vaccines against biological warfare agents. World-renowned experts from the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID), Office of the Army Surgeon General, Walter Reed Army Medical Center, and other

organizations will present this program. The U.S. Army Medical Research and Materiel Command will host the program at no charge to the viewer. Dates of future broadcasts in the series of Advanced Topics on Medical Defense Against Biological and Chemical Agents are 21 May, 9 Jul, and 27 Aug 2003.

Target Audience:

- Military and civilian medical care providers
- Public health professionals involved in disease surveillance and prevention (e.g., epidemiologists, laboratorians and veterinarians)
- Clinical laboratory staff, pharmacists
- First responders and others who assist in recognizing and managing casualties from a biological and chemical agent attack

Agenda:

Will discuss the current licensed vaccines, IND vaccines, emerging vaccines against biological warfare agents and describe how to administer IND vaccines. Will discuss risk communication and lessons learned from recent clinical experience with anthrax and smallpox vaccines.

1:00-1:10: **Introduction.** *Moderator:* Ross H. Pastel, Ph.D.

1:10-1:25: **Risk perception/risk communication.** *Moderator:* Ross H. Pastel, Ph.D. *Expert:* Rebecca T. Parkin, M.P.H., Ph.D.

1:25-1:50: **Anthrax vaccine efficacy and safety.** *Moderator:* Ross H. Pastel, Ph.D. *Experts:* Arthur Friedlander, M.D.; John Grabenstein, Ph.D and Phillip Pittman, M.D..

1:50-2:00: **USAMRIID's up and coming vaccines - IND and emerging.** *Moderator:* Ross H. Pastel, Ph.D. *Expert:* Erik Henchal, Ph.D.

2:00-2:10: **How to administer IND products.** *Moderator:* Ross H. Pastel, Ph.D. *Expert:* Ellen F. Boudreau, M.D.; Ben Woods, M.D.

2:10-2:30: **Clinical experience with anthrax and smallpox vaccines.** *Moderator:* Ross H. Pastel, Ph.D. *Expert:* Renata Engler, M.D.

2:30-2:55: **Live question and answer.** *Moderator:* Ross H. Pastel, Ph.D. *Experts:* Arthur Anderson, M.D.; Ellen F. Boudreau, M.D.; Robert Darling, M.D.; Renata Engler, M.D.; Arthur Friedlander, M.D.; John Grabenstein, Ph.D.; Erik Henchal, Ph.D.; Mark Kortepeter, M.D., M.P.H.; Kristi Koenig, M.D.; Rebecca T. Parkin, M.P.H., Ph.D.; Phillip Pittman, M.D.; Ben Woods, M.D.

2:55-3:00: **Summary and credits.** *Moderator:* Ross H. Pastel, Ph.D.

Objectives:

- Identify the key factors that shape vaccine risk/benefit perceptions and decisions and describe appropriate ways to communicate effectively to patients about vaccines against biological warfare agents;
- Describe results of controlled field trials and nonhuman primate challenge studies that demonstrate efficacy of the anthrax vaccine;
- Describe injection-site reactions caused by anthrax vaccine and why subcutaneous injection over the deltoid is preferred to over the triceps;
- Describe the findings of the Institute of Medicine (IOM) study on the safety and efficacy of the anthrax vaccine;
- Discuss the administrative procedures for use of a medication under an investigational new drug (IND) protocol;
- Describe and discuss IND and emerging vaccines against biological warfare agents;
- Discuss issues and clinical experiences with administering the anthrax and smallpox vaccines and role of Vaccine Healthcare Center Network initiative in long term follow-up of vaccinees with serious adverse events;
- Identify standards of care for adverse drug reaction management as they apply to vaccines with focus on clinical guidelines

Accreditation/Approval:

ACCME - The VA Employee Education System (VA EES) 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 EES 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 EES 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 EES designates this educational activity for 2.4 contact hours in continuing nursing education. **ASWB** - VA EES, 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 EES 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 EES. 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.

Faculty Disclosure Statement:

The 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.

Individual Registration Instructions:

Individuals should register and complete an evaluation/critique on-line at the web-site www.biomedtraining.org. You will be able to review and choose from a list of viewing sites available in your state. You must confirm your registration at a specific viewing site by using e-mail or telephone information indicated to contact the site facilitator. If you do not have Internet access or cannot complete your registration on-line, please call RegisterAmerica.net at (850) 784-6002, Ext 16 for assistance. In order to receive a certificate (CME/CNE/CEU), you must register, complete an evaluation/critique, and view 100% of this program. Video taping the live broadcast to support future educational activities is encouraged.

Site Facilitator Instructions:

Ensure your organization has assigned a local site facilitator to register your facility at www.biomedtraining.org. If you do not have access to the Internet or cannot complete your site registration on-line, please call RegisterAmerica.net at (850) 784-6002, Ext 16 for assistance. They will help you register or determine if your organization or installation has been registered as a downlink site. The local site facilitator must reserve a classroom and obtain a local technical point of contact (POC), and should be prepared to be the main POC for information regarding their facility (i.e., satellite downlink capability, GETN site code/ID, and/or VTC system dial-in number). Video taping the live broadcast to support future educational activities is encouraged. All viewers should individually register for the broadcast or for viewing of videotape.

Satellite & VTC Technical Specifications:

The test signal for the live satellite broadcast will be from 12:30 - 1:00 PM ET. The program begins promptly at 1:00 PM on March 5, 2003. Coordinates are currently posted at www.biomedtraining.org. The program is available throughout the U.S., including Alaska, Hawaii, Puerto Rico, & southern Canada. The broadcast is available as C-band, Ku-band, and digital (GETN: i.e. Air Warrior, AETC, ATN, etc.) satellite signals as well as a VTC signal via the U.S. Army Medical Command's (MEDCOM) VTC Bridge. Arrangements can be made to use the MEDCOM VTC Bridge by sending an email to vtc.usamissa@cen.amedd.army.mil or by calling 210-637-2256 or DSN 471-9706 extension 2256. Please have your Site ID # available.

Web Archive:

This program will be archived for viewing at www.swankhealth.com within 48 hours of the conclusion of the live program. All 6 programs will be archived at this site for a period of one year.