



Advanced Topics on Medical Defense Against Biological Agents: **BOTULINUM TOXIN**



Satellite, VTC & Web Broadcast
September 20, 2006

Program Time
1:00 p.m. - 3:00 p.m. ET
12:00 p.m. - 2:00 p.m. CT
11:00 a.m. - 1:00 p.m. MT
10:00 a.m. - 12:00 p.m. PT

Test Time:
12:30 p.m. - 1:00 p.m. ET
11:30 a.m. - 12:00 p.m. CT
10:30 a.m. - 11:00 a.m. MT
9:30 a.m. - 10:00 a.m. PT

Pre-Registration Required by
September 18, 2006 at
<http://www.swankhealth.com>

SATELLITE TROUBLE NUMBER: 1-888-626-8730
Q&A NUMBER: Pre-recorded - No call in
FAX Q & A NUMBER: Pre-recorded - No fax line

Jointly Sponsored by
Texas Tech University Health Sciences Center
Health.edu, Office of Continuing Medical Education and
U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID)

IMPORTANT SATELLITE INFORMATION TO HELP YOU TUNE IN

Analog C-Band: Galaxy 4R/ 12 C 99 degrees West
Transponder: 12
Polarization: Vertical
Channel: 12
Downlink Freq.: 3940 MHz
Audio: 6.2/6.8

Analog Ku-Band: Galaxy 10R/ 23 K 123 degrees West
Transponder: 23
Polarization: Vertical
Channel: 23
Downlink Freq.: 12160 MHz
Audio: 6.2/6.8

1. **C-Band -Galaxy 4R is located at 99 degrees West.** You can possibly find it on the menu of your satellite receiver as "G4", "G6", or "G2". To set up early, you may find the following programming airing on the satellite:

Channel 15 World Harvest - religious program
Channel 16 Shepherd's Chapel - religious program

If you can't find the above religious programs and you believe you are on Galaxy 4R, you should consider having your satellite system checked out by a professional before the FDA program. More tips about tuning can be found at www.fda.gov/cdrh/ocer/dcm/html/tips_primer.html.

Ku-band - Galaxy 10R is located at 123 degrees West. You may possibly find it on the menu of your satellite receiver as "G2", "G6", or "G9". There is no regular programming airing in the clear on this satellite.

Once you establish that you are on the correct satellite, don't forget to change back to Channel 12 for C-band and Channel 23 for Ku-band for the FDA program. It is very important for you to test your equipment as soon as possible to ensure that it is functioning properly and to see if you can get programming from the satellite we'll be on. Storms can cause damage and/or move your antenna out of alignment or you may not have your satellite of choice programmed in. Do not wait until test time to discover problems. If you think your dish and/or receiver are malfunctioning or not programmed correctly, have them checked out by a professional well before the program.

2. The first 5 - 10 minutes of the program test will show "FDA Tech Center" over color bars, with a tone sound. After that, there will be a program slate and music. You should both see and hear this information properly in order to be ready for the program.

3. Although a Troubleshooter will be provided, we cannot guarantee the performance of your equipment.

Course Summary

Botulinum toxin has been evaluated by offensive biological weapons programs in the past, including the former U.S. program, the former Soviet Union program, and the former Iraqi program. Moreover, healthcare providers may see clinical cases of botulism in their practices from intoxication resulting from ingestion of inappropriately handled foods or from wounds infected with *C. botulinum*. Military and civilian medical and public health professionals must become proficient in the recognition and management of casualties from botulism intoxication occurring in the natural setting and from its potential use as a terrorist weapon. This two-hour satellite broadcast will inform and educate health professionals with detailed information on botulinum toxin. World-renowned experts from the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID) and medical toxicologists with clinical experience treating cases of botulism from a variety of other organizations will present this program. The U.S. Army Medical Research & Materiel Command will host the program at no charge to the viewer. This broadcast will be available on **20 September 2006** over satellite and through online viewing.

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

Objectives:

- Describe the mechanism of action of botulinum neurotoxins.
- List the possible routes of exposure to botulinum neurotoxins.
- Recognize the clinical signs and symptoms of botulism.
- Identify the methods used to confirm the diagnosis of botulism.
- Describe the medical treatments that are available for patients with botulism.
- Describe the mechanism of action of the anti-toxin and its use in treating patients with botulism.
- Understand the steps in acquisition of botulinum anti-toxin.
- Recognize the public health and economic impacts of an intentional use of botulinum toxin.

Agenda:

Updated agenda will be available at
<http://www.swankhealth.com/Botox/>



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CME Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Texas Tech University Health Sciences Center and U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID). Texas Tech University Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. Texas Tech University Health Sciences Center takes responsibility for the content, quality, and scientific integrity of this CME activity.



Credit Designation

Texas Tech University Health Sciences Center designates this educational activity for a maximum of *2 AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Texas Tech University Health Sciences Center Office of Continuing Medical Education presents this activity for educational purposes only. Participants are expected to utilize their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters who have been selected for presentations because of recognized expertise in their field.

CNE Accreditation

"Texas Tech University Health Sciences Center - Health.edu, is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This activity meets Type I criteria for mandatory continuing education requirements toward relicensure as established by the Board of Nurse Examiners for the State of Texas. Provider approved by California Board of Registered Nursing, Provider #CEP11800, for the designated number of contact hours for each program. Provider approved by Florida Department of Health Board of Nursing, Provider #FBN2060. Provider approved by West Virginia Board of Examiners for Registered Professional Nurses, Provider #WV1998-0262RN. Iowa Board of Nursing approved provider #325. Reminder to all PARTICIPANTS, certificates should be retained for a period of four (4) years."

Individual Registration Instructions:

Individuals should register and complete an evaluation/critique on-line at the web-site www.swankhealth.com. 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 **1-800-950-4248** 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 <http://www.swankhealth.com/botox/>. If you do not have access to the Internet or cannot complete your site registration online, please call Swank HealthCare at **1-800-950-4248**, 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.

Satellite & VTC Viewing 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 September 20, 2006. Coordinates are currently posted at <http://www.swankhealth.com/botox/>. 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.usamitc@amedd.army.mil or by calling 1-800-USAMITC Option 2 or DSN 421-3200. Please have your Site ID # available.

Web Viewing:

This program will be broadcast online for viewing at www.swankhealth.com and will be available on **September 20, 2006** at 1 P.M. Eastern standard time .