

# DoD Smallpox Vaccination Training

## Other Educational Resources

[www.smallpox.mil](http://www.smallpox.mil)

[www.vaccines.mil/smallpox](http://www.vaccines.mil/smallpox)

[www.vhcinfor.org](http://www.vhcinfor.org)

[www.projectimmunereadiness.amedd.army.mil](http://www.projectimmunereadiness.amedd.army.mil)



A certificate of completion will be awarded only when all 8 training modules have been completed

## More Information

### MILVAX Agency

[www.vaccines.mil](http://www.vaccines.mil)

[www.vaccines.mil/smallpox](http://www.vaccines.mil/smallpox)

[www.smallpox.mil](http://www.smallpox.mil)

[vaccines@amedd.army.mil](mailto:vaccines@amedd.army.mil)

### Vaccine Healthcare Centers Network

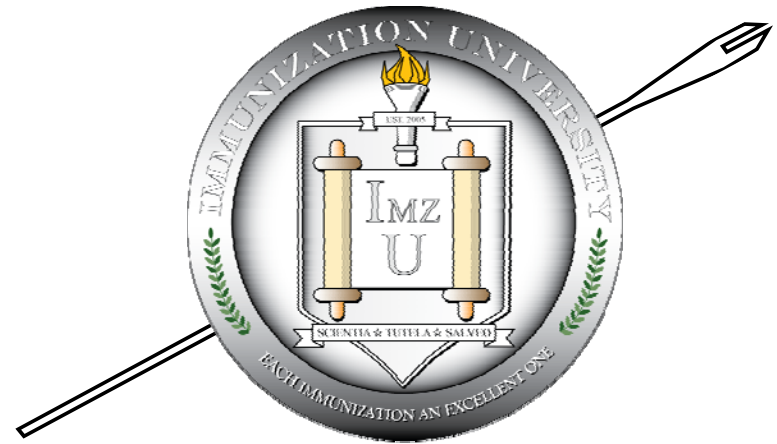
for help with adverse event management

[www.vhcinfor.org](http://www.vhcinfor.org)

202.782.0411

Department of Defense

# Smallpox Vaccination Training



16 July 2009

Register:

[www.vaccines.mil/myimzu](http://www.vaccines.mil/myimzu)

**Our Commitment to Standards of Quality and to Excellence**

*Immunization core knowledge is complex, and ongoing vaccination training is necessary.*



### What is the Smallpox Vaccination Training Curriculum?

The online DoD Smallpox Vaccination Training curriculum will prepare healthcare personnel to give smallpox vaccinations and perform required administrative tasks in support of the DoD's Smallpox Vaccination Program.

Completion of this training program satisfies the DoD requirement that all medical personnel participating in smallpox vaccination first complete an approved course of smallpox training. This curriculum includes eight modules; an introduction and seven training modules, and can be completed in approximately 2.5 hours.

### Who should complete this training?

This training is designed for medical personnel who will be involved in the DoD Smallpox Vaccination Program. Participants may include physicians, nurses, physician assistants, medics, corpsman, medical supervisors, and other clinical personnel.

This course is directed primarily towards a military audience, but is open to anyone with a MILVAX Immunization University (ImzU) Account. The curriculum is focused on supporting the DoD's smallpox preparedness plans, and is tailored to the specific immunization requirements of the Armed Forces.

### Course Objectives

*Upon completion of the DoD Smallpox Vaccination curriculum, trainees will be able to:*

- Describe the disease and clinical features, indications for the vaccine
- Describe the vaccine, dosage, and administration details
- List recommended storage and handling requirements for vaccine
- Describe patient screening and patient education requirements education
- List valid precautions and contraindications and adverse event reporting
- Describe post-licensure requirements for ACAM2000®



## Course Description

*The eight modules and corresponding learning objectives are:*

### 1. Introduction [04:53]

#### 2. Smallpox Disease and Vaccine [14:32]

- Identify smallpox disease characteristics, complications, morbidity and mortality
- Smallpox epidemiology: occurrence, reservoir, transmission, temporal pattern, communicability
- Discuss smallpox vaccine historical development and US licensed vaccines

#### 3. Cold Chain Management [19:04]

- Discuss cold chain management (CCM) principles and why CCM is important
- Identify the storage and handling procedures for ACAM2000®
- Outline the ordering process for ACAM2000®
- Describe safeguards that can be implemented to protect temperature sensitive medical products
- Describe the destruction/disposal process for ACAM2000®
- Define Executive Summary (EXSUM) Procedures

#### 4. Reconstitution and Administration [20:22]

- List the required patient education materials
- Review the reconstitution procedures
- Indicate proper vaccine administration technique
- Distinguish between a major take and equivocal reaction
- Identify the proper documentation procedures for the smallpox vaccine
- Indicate the disposal procedures for ACAM2000®

#### 5. Patient Education [16:58]

- Identify pre-vaccination educational materials that must be provided to all potential vaccinees
- Describe vaccine indications and contraindications
- Explain what happens during the first few days after vaccination
- Demonstrate to vaccine recipients proper bandage changing procedures
- Precautions to take and what to avoid until the smallpox vaccination site has completely healed
- Describe possible adverse events and how to get help

#### 6. Patient Screening [30:30]

- State the criteria that will result in further pregnancy or HIV testing
- Outline the dermatologic conditions that are contraindications for the smallpox vaccine
- Describe the cardiac risk factors that may result in an exemption
- Explain the proper use of the medical permanent and medical temporary exemptions

#### 7. Adverse Event Management [21:59]

- Describe possible adverse events following immunizations
- Understand the mission of the Vaccine Healthcare Centers Network
- Identify and describe dermatological manifestations associated with smallpox vaccination
- Identify Pregnancy adverse events associated with smallpox vaccine
- Identify Neurologic adverse events associated with smallpox vaccination
- Identify Cardiac adverse events associated with smallpox vaccination

#### 8. Post-Licensure Requirements [08:29]

- Understand the DoD's role in ACAM2000 post-licensure research requirements
- Discuss the five ACAM2000® post-licensure requirements
- Describe the purpose of the Risk Evaluation and Mitigation Strategy (REMS)