



DoD Smallpox Vaccination Program

Fire Department of New York

New York City Dept of Health & Mental Hygiene

New York City Ofc of Emergency Management

Greater New York Hospital Association

New York Police Department

12 Mar 2003

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Office of the Army Surgeon General



DoD Smallpox Vaccination Program

- Key Points:
 - The decision is about being prepared.
 - Smallpox is contagious, deadly, and would disrupt military missions.
 - Smallpox vaccine is effective, but requires careful use.
 - Our people are our most important asset.
 - This plan is part of our Global War on Terrorism.



DoD Smallpox Vaccination Policy

- Announced by President Bush, 13 Dec 02.
 - Vaccinating troops before an attack is best way to ensure they are protected and can continue their missions.
- Several Stages:
 - Stage 1a: Smallpox Epidemic Response Teams (SERTs).
 - 2,000 to 5,000 people, beginning mid-Dec 02.
 - Stage 1b: Medical Teams for Hospitals & Large Clinics.
 - 10,000 to 25,000 people, beginning early Jan 03.
 - Stage 2: Mission-Critical Forces: CENTCOM + Homeland.
 - About 500,000 troops, beginning early Jan 03.



Precautions in Vaccination

- Education up front and throughout process
- Screening for contraindications (same as FDA & ACIP)
- Periodic HIV screening
- Pregnancy screening and testing
- Healthcare Workers: Bandages, sleeves, hand-washing, site-evaluation stations
- QA of Vaccinator: Evaluate take rates among first cohort of people (e.g., 50 to 100) vaccinated by each vaccinator
- Documentation: Screening, Vaccination, Take Confirmation, Adverse Events (if any)
- VIG and cidofovir prepositioned around globe, regionally

THE DANGER

THE VACCINE

THE PRIORITY

THE STRATEGY

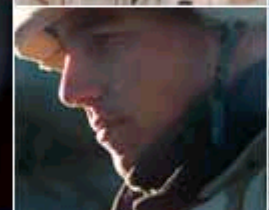
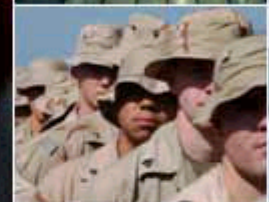
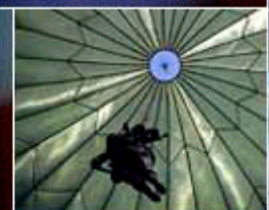
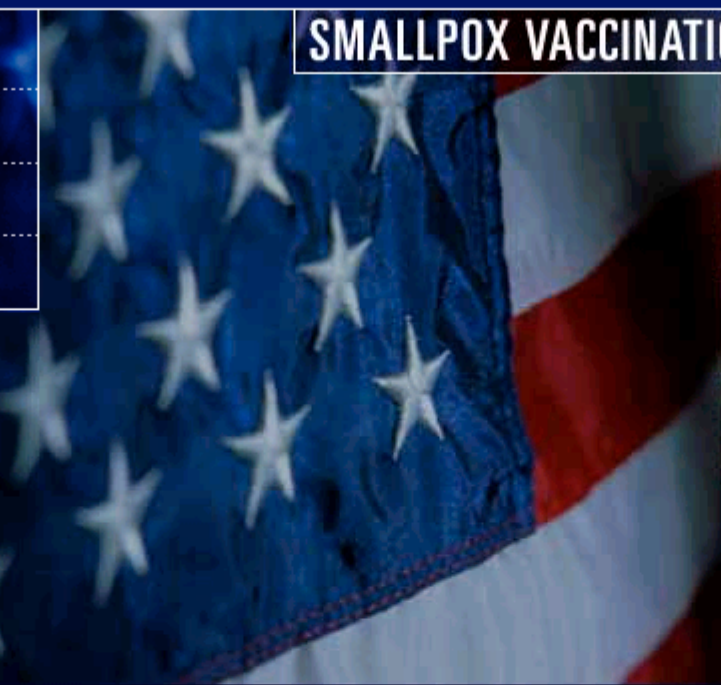
adverse event info

education toolkit

resource center

SMALLPOX VACCINATION PROGRAM

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- Smallpox is contagious, deadly, and would disrupt military missions.
- Smallpox vaccine prevents smallpox and we will use it carefully.
- Preserving the health and safety of our people is our top concern.
- The Defense Department's smallpox vaccination program is part of our national strategy to safeguard Americans against smallpox attack.

MIL VAX

[Program](#) [SVP Online Proficiency Training](#) [DoD's Smallpox Vaccination Lessons Learned](#) [MMWR-Vaccinia Adverse Reactions](#)

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Last Updated 01/27/2003

SMALLPOX VACCINATION PROGRAM



- THE DANGER
- THE VACCINE
- THE PRIORITY
- THE STRATEGY
- adverse event info
- education toolkit
- resource center

RESOURCE CENTER

This section contains resources relating to smallpox, smallpox vaccine, and DoD's Smallpox Vaccination Program.

Please choose one of the following areas:

RESOURCE CENTER

- ▣ Policies
- ▣ Forms
- ▣ Related Links
- ▣ Images
- ▣ Q & A
- ▣ Library
- ▣ Smallpox Planning DOCS
- ▣ Vaccine & VIG info
- ▣ News
- ▣ Lessons Learned
- ▣ Supply & Logistics

 Policies	 Images	 Smallpox Planning DOCS	
 Forms	 Q & A	 Vaccine & VIG Info	 Lessons Learned
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MIL VAX

Internet Explorer - MILVAX: Internet Explorer

smallpox

Medical Logistics: The Office - Vaccine Distribution

Equipment Used to Support Cold Chain Distribution



The road that the manufacturer's located on is called Buckeye Lane in Phoenix, Arizona. I had you not, I want to visit them. The United States has with specific packing protocols, specific packing protocols developed for the space and the size and different regions.



View 17 more slides

- 01:00:00 [How Collaborative Partners Used U.S. Military Supply Services](#)
- 01:00:00 [How Joseph's of Cold Chain Distribution](#)
- 01:00:00 [Equipment Used to Support Cold Chain Distribution](#)
- 01:00:00 [Cold Storage at Fortale](#)

View 1 more slide



Smallpox Vaccination Program – Lessons

- SVP medical training essential: www.smallpox.army.mil
- Screening forms, handouts: www.smallpox.army.mil
 - Take due care in conducting screening
 - Have MD, PA, NP on site
- Accept verbal history of prior vaccination
 - Supplement with scar, birth date, military entry
- Team of 2: The vaccinator and the bandager/documenter
- Confirm “trace of blood” at vaccination site
- Place open vial at back of vaccination station, use cool tray
- Collaborate with local health departments



DoD Smallpox Vaccination Program

as of 7 Mar 03 :

- Response teams, hospital workers vaccinated: 10,094
- Operational forces vaccinated: over 300,000
 - Primary vaccinations: two-thirds. Revaccinations: one-third.
- Exemption rates vary by location:
 - Exemptions: Personal: 5% to 10%. Personal + household: 20% to 30%
- Take (5 sites): Primary, 3 jabs: 94%. Revaccination, 15 jabs: 98%
- Adverse Events: Expected temporary symptoms seen.
 - Sick leave: Hospital staff: 3%. Deployed troops: 0.5%. Average: 1.5 days
 - Vaccinia spread: Staff to patient—0 in 15,000 worker-months
- Noteworthy Events:
 - Encephalitis—2—full recovery. Myocarditis—5—full recovery.
 - Generalized vaccinia—15, all outpatients, all mild
 - Inadvertent infection—Skin: 19
 - Inadvertent infection—Eye: 4
 - Patients treated with VIG: Burn-1, eye-1. Deaths: zero.



Symptoms Since Vaccination

Day 6-8, "Take Check," symptoms since vaccination, n = 401,
Jan-Feb 2003

• Local itching	58%	Muscle ache	23%
• Feeling lousy	21%	Lymph nodes swell	17%
• Headache	17%	Bandage reaction	8.2%
• Itchy all over	6.2%	Fever (subjective)	5.0%
• Local rash	5.0%	Body rash	1.2%
• Eye infection	0.0%		
• Restricted activity	1.7%	Took Medication	20%
• Outpatient Visit	0.5%	Limited duty	0.0%
• Missed work	0.0%	Hospitalized	0.0%



- Soldiers: Don't "tough out" illness. Go to sick call.
- NCOs: Reinforce band-aids, sleeves, hand washing.
- Handout for family members at www.smallpox.army.mil.
- Dryvax now stable 90 days after reconstitution.
- Additional bifurcated needles available free from USAMMA.
- CDC algorithms for managing adverse events.
- Submit to VAERS on-line at www.vaers.org [ignore PVN #]
- CDC needle-stick registry: fax 404-498-1244, v 800-893-0485
- Broaden relationship with local, state health department.



- **Chain of Command**
- **Website: www.smallpox.army.mil, www.anthrax.mil**
- **E-Mail: vaccines@amedd.army.mil**
- **Toll-Free: [877.GET.VACC](tel:877.GET.VACC)**
- **Vaccine Clinical Call Center: [866.210.6469](tel:866.210.6469) (24/7)**
- **Vaccine Healthcare Center Network: help with complicated case management: [202.782.0411](tel:202.782.0411) (Walter Reed Army Med Ctr)**
 - **Askvhc@amedd.army.mil www.vhcinfo.org**

For payment info on civilian health-care services for members not enrolled to a Military Treatment Facility:

- **Call: [888.MHS.MMSO](tel:888.MHS.MMSO) ([888.647.6676](tel:888.647.6676))**