



DEPARTMENT OF THE ARMY
US ARMY MEDICAL MATERIEL AGENCY
DMLC Building, 693 Neiman Street
FORT DETRICK, MD 21702-5001

MCMR-MMO-OD

19 February 2010

DESTRUCTION OF VACCINE STANDARD OPERATING PROCEDURES (SOP)

1. PURPOSE: To provide procedural guidance for the proper disposition of compromised and/or expired vaccines distributed by the United States Army Medical Materiel Agency (USAMMA), Distribution Operations Center (DOC).

2. REFERENCES:

a. MEDCOM Regulation 40-35, Management of Regulated Medical Waste, 29 July 2008. <http://chppm-www.apgea.army.mil/hmwp/document%20Library/Final40-35July08.pdf>

b.. Technical Guide 177, A Commander's Guide to Regulated Medical Waste Management at Army Medical Treatment Facilities, September 2001. <http://chppm-www.apgea.army.mil/documents/tg/techguid/tg177.pdf>.

3. APPLICABILITY: The procedures contained herein are applicable to all Department of Defense (DoD) activities receiving anthrax and smallpox vaccine, and Department of the Army activities receiving influenza seasonal/H1N1 vaccine.

4. DISPOSAL REQUIREMENTS: DoD Activities are responsible for disposal of compromised or expired vaccine.

a. Activities will report vaccine inventories for destruction to their Service medical logistic agency.

b. Activities must prepare a destruction document.

5. HOW TO PREPARE A DESTRUCTION DOCUMENT: Activities that have a standardized destruction document already in place do not need to prepare any additional destruction documents. The destruction document needs to be faxed to the USAMMA/DOC and must include the following information:

a. Date when the vaccine was destroyed.

b. List of lot number(s) destroyed.

c. Number of unopened vials destroyed.

d. Method of destruction.

e. For Navy ships, where was the vaccine acquired, i.e. FISC, another ship (include ship name), etc.

f. Signature block, e-mail, and phone number.

6. METHODS FOR DISPOSAL: Vaccines are to be disposed of according to accepted methods for hazardous or medical waste. Military item disposal instructions are categorized and delineated by code.

a. The disposal codes for the vaccines are: Anthrax vaccine adsorbed = A003, Smallpox (vaccinia) vaccine = A003, Influenza Seasonal/H1N1 vaccine (intramuscular) = CA01, and Influenza Seasonal/H1N1 vaccine (intranasal) = CA01.

b. Explanations for the disposal codes are reflected in the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM) Military Item Disposal Instructions (MIDI) website (<http://usachppm.amedd.army.mil/MIDI>).

7. SPECIAL DISPOSAL INSTRUCTIONS:

a. Anthrax Vaccine Adsorbed (AVA) Vaccine: Considered non-hazardous waste. This vaccine can be disposed of in a sharps container if the facility has a Biohazard Program in place, autoclaved, incinerated, or can be returned through a guaranteed returns program.

b. Influenza Seasonal/H1N1 Vaccine:

(1) Influenza Seasonal/H1N1 (injectable) Vaccine: Also considered non-hazardous waste. This vaccine can be disposed of in a sharps container if the facility has a Biohazard Program in place, autoclaved, incinerated, or can be returned through a guaranteed returns program.

(2) Influenza Virus Vaccine, Live, Intranasal Seasonal/H1N1 (Flu Mist®): This vaccine can be disposed of in a sharps container if the facility has a Biohazard Program in place, autoclaved, or incinerated.

c. Smallpox Vaccine ACAM2000

(1) Prior to Reconstitution - Smallpox vaccine when received from the distributor – vials will be labeled with an 18 month expiration date, after 18 months vaccine can be disposed of in a sharps container if the facility has a Biohazard Program in place, autoclaved, incinerated or via a returns program if one is in place. In places where medical waste is buried, it may be soaked in a 1:10 dilution of bleach for at least 10 minutes prior to disposal.

(2) After Reconstitution - Smallpox vaccine expires 30 days after reconstitution. The expiration clock begins on the date that the vaccine is mixed. After the 30 days have expired, vaccine can be disposed of in a sharps container if the facility has a Biohazard Program in place, autoclaved, incinerated or via a returns program if one is in place. In places where medical waste is buried, it may be soaked in a 1:10 dilution of bleach for at least 10 minutes prior to disposal.

DO NOT DISCHARGE ANY OF THESE ITEMS INTO A SANITARY SEWER.

8. DESTRUCTION DOCUMENT SHOULD BE FAXED TO:

U.S. ARMY (Executive Agent)

Fax: [Comm \(301\)619-4468](tel:3016194468), [DSN 343-4468](tel:3013434468)

USAMMA Distribution Operations Center (DOC)

693 Neiman Street

Fort Detrick, MD 21702-5001

Comm [301\)619-4318](tel:3016194318), [7235](tel:3017235), or [3017](tel:3017235)

[DSN 343-XXXX](tel:301343XXXX)

Email: usammadoc@amedd.army.mil

9. INSTRUCTIONS FOR ACTIVITIES THAT ARE UNABLE TO DISPOSE OF VACCINE AT THEIR FACILITY: The following procedures should be followed in the event the above mentioned disposal methods are not available or immediate disposal is necessary:

- a. Contact the DOC and provide information regarding lot numbers and quantities. The DOC will provide further shipping guidance.
- b. Remove each vial from its package.
- c. Tear or shred the insert and package and dispose of the insert and package as regular waste.
- d. Deface the label on each vial with red permanent marker.
- e. The activity will pack the container according to instructions provided and mail the container to DOC.
- f. The activity will call the USAMMA/DOC, and provide overnight express-mail tracking number for the container.

10. QUESTIONS OR CONCERNS: Personnel responsible for the disposal/destruction of vaccines should address all questions or concerns to (301)619-4307, DSN 343-4307, Fax X-4468. **Any proposed changes or updates to this SOP must be brought to the attention of the Distribution Operations Center (DOC), UNITED STATES ARMY MEDICAL MATERIEL AGENCY (USAMMA).**

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