

## Vaccine Label Examples

With the large amount of vaccine carried in most clinics, staff can easily become confused about vaccines within the storage unit. Labeling the area where vaccines are stored can help staff quickly locate and choose the correct vaccine – perhaps preventing a vaccine administration error. Depending on how the vaccines are organized within the storage unit, labels can be placed on the containers or bins or directly attached to the shelves where the vaccines are placed. Other helpful strategies to prevent administration errors include color-coding the labels (e.g., one color for pediatric and another for adult vaccines), and providing additional information such as age indications or other information unique to the vaccine.

In addition, some vaccines must be reconstituted before administration. These vaccines have two components – a lyophilized vaccine and diluent that must be mixed together. **The lyophilized vaccine should only be reconstituted or mixed using the diluent supplied by the manufacturer.** Consider posting reminders or labeling the vaccine to remind staff to reconstitute certain vaccines prior to administration.



The following labels are examples that may be used to help organize vaccines. Labels are based on recommendations from the Advisory Committee on Immunization Practices (ACIP) and may include indications different from those of the Food and Drug Administration. The Centers for Disease Control and Prevention (CDC) also recommends that vaccines be stored in the original packaging to protect contents from light, to help maintain the recommended temperature range, and to help prevent administration errors. Those labels highlighted in green are for pediatric use, those highlighted in yellow for travel, and those highlighted in blue are military specific vaccines.

Note: Some vaccine preparations are being transitioned from vials and prefilled syringes that contain latex (natural rubber) to vials and prefilled syringes that are not made with natural rubber latex. Read the package insert that accompanies the product to check for the presence of natural rubber or latex. Additionally, consult the package insert for the “beyond use date” (BUD) for multi-dose vials (MDVs) of vaccine, since for some vaccines, the expiration rule may be different from the normal 28-day rule for medications. Per CDC guidance, MDVs of vaccine can be used until the expiration date printed on the vial unless the vaccine is contaminated or compromised in some way or there is a “beyond use date” noted in the manufacturers’ package insert. Mark MDVs of vaccine (e.g., influenza) and reconstituted MDVs (e.g., smallpox) with the date, time, and initials when first dose is withdrawn and/or vial is reconstituted and with a revised “beyond use date” if required and store at appropriate temperatures when not in use.

Adapted by DHA-IHB, courtesy of the Centers for Disease Control and Prevention

## Diphtheria and Tetanus Toxoid- and acellular Pertussis – containing Vaccines

### **DTaP (Daptacel)**

**Ages:** 6 weeks through 6 years

**Use for:** Any dose in the series

**Route:** IM

### **DTaP-IPV (Kinrix)**

**Ages:** 4 years through 6 years

**Use for:** DTaP dose #5, IPV dose #4

**Do NOT use for DTaP doses 1 – 4 or IPV doses 1-3**

**Route:** IM

### **DTaP (Infanrix)**

**Ages:** 6 weeks through 6 years

**Use for:** Any dose in the series

**Route:** IM

### **DTaP-IPV-HepB (Pediarix)**

**Ages:** 6 weeks through 6 years

**Use for:** DTaP & IPV: Doses #1, #2, and/or #3

HepB - Any dose in the series

**Do NOT use for the HepB birth dose**

## Diphtheria and Tetanus Toxoid- and acellular Pertussis – containing Vaccines

### **DTaP–IPV/Hib (Pentacel)**

**Ages:** 6 weeks through 4 years

**Use for:** DTaP & IPV doses #1, #2, #3, and/or #4; Hib - Any dose in the series

**Route:** IM

Reconstitute Hib powder **ONLY** with manufacturer-supplied DTaP-IPV liquid diluent

**Beyond Use Time:** Should be used immediately after reconstitution

**Do NOT administer DTaP-IPV w/o Hib**

### **DTaP-IPV (Quadracel)**

**Ages:** 4 years through 6 years

**Use for:** DTaP dose #5, IPV dose #4 or #5

**Do NOT use for DTaP doses 1 through 4 or  
IPV doses 1 through 3**

**Route:** IM

## **Haemophilus influenzae type b – containing Vaccines**

### **Hib (ActHIB)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** IM

**Reconstitute Hib powder ONLY with manufacturer-supplied 0.4% sodium chloride diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours.  
Should be shaken vigorously before injection.

### **Hib (PedvaxHIB)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** IM

**Vial stopper contains latex**

### **Hib (Hiberix)**

**Ages:** 6 weeks through 4 years

**Use for:** Any dose in the series

**Route:** IM

**Reconstitute Hib powder ONLY with manufacturer-supplied 0.9% sodium chloride diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 24 hours.  
Should be shaken vigorously before injection.

## Hepatitis Vaccines

### **HepA (Havrix)**

#### **Pediatric Formulation**

**Ages:** 12 months through 18 years

**Use for:** Any dose in the series

**Route:** IM

### **HepB (Engerix–B)**

#### **Pediatric Formulation**

**Ages:** Birth through 19 years

**Use for:** Any dose in the series

**Route:** IM

### **HepA (Vaqta)**

#### **Pediatric Formulation**

**Ages:** 12 months through 18 years

**Use for:** Any dose in the series

**Route:** IM

Vial stopper and syringe plunger stopper  
and tip cap contain latex

### **HepB (Recombivax HB)**

#### **Pediatric Formulation**

**Ages:** Birth through 19 years

**Use for:** Any dose in the series

**Route:** IM

Vial stopper and syringe plunger stopper  
and tip cap contain latex

## Hepatitis Vaccines

### **HepA (Havrix)** **Adult Formulation**

**Ages:** 19 years and older

**Use for:** Any dose in the series

**Route:** IM

### **HepB (Engerix–B)** **Adult Formulation**

**Ages:** 20 years and older

**Use for:** Any dose in the series

**Route:** IM

### **HepA (Vaqta)** **Adult Formulation**

**Ages:** 19 years and older

**Use for:** Any dose in the series

**Route:** IM

Vial stopper and syringe plunger stopper  
and tip cap contain latex

### **HepB (Recombivax HB)** **Adult Formulation**

**Ages:** 20 years and older

**Use for:** Any dose in the series

**Route:** IM

Vial stopper and syringe plunger stopper  
and tip cap contain latex

## Hepatitis Vaccines

### **HepA–HepB (Twinrix)**

**Ages:** 18 years and older

**Contains:** HepA = Pediatric dosage

HepB = Adult dosage

**Schedule:** 0, 1, and 6 months

**Route:** IM

## Human Papillomavirus Vaccines

### **9vHPV (Gardasil 9)**

**Ages:** 9 years through 26 years

**Recommended ages:** 11 years or 12 years

**Catch-up ages:** 13 years through 26 years

**Route:** IM

[Protect from light at all times](#)

## Measles – Mumps – Rubella Vaccine

### **MMR (M-M-R II) - \*LIVE\***

**Ages:** 12 months and older

**Use for:** Any dose in the series

**Route:** SC

**Reconstitute MMR powder ONLY with manufacturer-supplied sterile water diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 8 hours.

[Protect from light at all times](#)

MMRV – located in varicella section

**Influenza Vaccines (contracted by DoD)**

**IIV4 (Fluarix)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 3 years and older

**Dosage:** 0.5 mL

**Route:** IM

**IIV4 (FluLaval)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.5 mL

**Route:** IM

Beyond Use Date: Once the stopper of the multi-dose vial has been pierced, discard within 28 days

**ccIIV4 (Flucelvax)**

**(Quadrivalent Cell Culture Inactivated Influenza Vaccine)**

**Ages:** 4 years and older

**Dosage:** 0.5 mL

**Route:** IM

**IIV:** \_\_\_\_\_

(Product Name)

**Ages:** \_\_\_\_\_

**Dosage:** \_\_\_\_\_

**Route:** IM



## Influenza Vaccines (available thru Direct Vender Delivery (DVD))

### **RIV3 (FluBlok)**

**(Trivalent Recombinant Inactivated  
Influenza Vaccine)**

**Ages:** 18 years and older

**Dosage:** 0.5 mL

**Route:** IM

Does NOT contain egg protein

### **IIV3 (Fluzone High Dose)**

**(Trivalent Inactivated Influenza Vaccine)**

**Ages:** 65 years and older

**Dosage:** 0.5 mL

**Route:** IM

### **IIV3 (Fluad)**

**(Trivalent Inactivated Influenza Vaccine,  
Adjuvanted)**

**Ages:** 65 years and older

**Dosage:** 0.5 mL

**Route:** IM

Syringe tip cap of prefilled syringe contains latex

### **IIV4 (Fluzone Intradermal)**

**(Quadrivalent Inactivated Influenza  
Vaccine)**

**Ages:** 18 years through 64 years

**Dosage:** 0.1 mL

**Route:** Intradermal (ID) injection

Use manufacturer-filled microinjection system to administer vaccine into the deltoid region

## Influenza Vaccines (not contracted by DoD)

### **IIV3 (Afluria)**

**(Trivalent Inactivated Influenza Vaccine)**

**Ages:** 5 years and older

**Dosage:** 0.5 mL

**Route:** IM

**Beyond Use Date: Once the stopper of the multi-dose vial has been pierced, discard within 28 days**

May use PharmaJet® Stratis® Needle-free Injection System for 18 years through 64 years

### **RIV4 (FluBlok)**

**(Quadrivalent Recombinant Inactivated Influenza Vaccine)**

**Ages:** 18 years and older

**Dosage:** 0.5 mL

**Route:** IM

Does NOT contain egg protein

### **IIV4 (Afluria)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 18 years and older

**Dosage:** 0.5 mL

**Route:** IM

**Beyond Use Date: Once the stopper of the multi-dose vial has been pierced, discard within 28 days**

May use PharmaJet® Stratis® Needle-free Injection System for 18 years through 64 years

### **IIV4 (Fluzone)**

**(Quadrivalent Inactivated Influenza Vaccine)**

**Ages:** 6 months and older

**Dosage:** 0.25 mL for 6 months through 35 months

0.5 mL for 3 years and older

**Route:** IM

A maximum of 10 doses can be withdrawn from the multi-dose vial

## Meningococcal Vaccines

### **MenACWY-D (Menactra)**

**Ages:** 9 months through 55 years  
(certain persons 56 years and older at increased risk)

**Use for:** Any dose in the series

**Route:** IM

[Protect from light at all times](#)

### **Hib-MenCY (MenHibrix)**

**Increased risk children:** 6 weeks through 18 months of age

**Route:** IM

**Reconstitute Hib-MenCY powder ONLY with manufacturer-supplied 0.9% sodium chloride diluent**

**Beyond Use Time:** Should be used immediately after reconstitution.

### **MenACWY-CRM (Menveo)**

**Ages:** 2 months through 55 years  
(certain persons 56 years and older at increased risk)

**Use for:** Any dose in the series

**Route:** IM

**Reconstitute the MenA lyophilized conjugate component ONLY with manufacturer-supplied MenCWY liquid conjugate component**

**Do NOT administer MenCWY w/o MenA**

**Beyond Use Time:** If not used immediately after reconstitution, but may be stored at or below 25°C (77°F) and discard if not used within 8 hours.

## Meningococcal Vaccines

### **MenB-4C (Bexsero)**

**Ages:** 10 years and older

**Use for:** Any dose in the series

**Route:** IM

Bexsero and Trumenba are NOT interchangeable

Complete series with same vaccine product

**Syringe tip cap of prefilled syringe contains latex**

### **MenB-FHbp (Trumenba)**

**Ages:** 10 years and older

**Use for:** Any dose in the series

**Route:** IM

Bexsero and Trumenba are NOT interchangeable

Complete series with same vaccine product

## Pneumococcal Vaccines

### **PCV13 (Prevnar 13)**

**Ages:** All children 6 weeks through 5 years

**Increased risk children:** 6 years through 18 years

**Increased risk adults:** 19 years and older

**Adults 65 years and older:** who have never received PCV13

**Route:** IM

### **PPSV23 (Pneumovax 23)**

**Ages:** Healthy adults 65 years and older

**Increased risk persons:** 2 years through 64 years

**Route:** IM or SC

**No more than two doses of PPSV23 recommended before 65th birthday and one (1) dose at 65 years or older.**

## Poliovirus Vaccine

### **IPV (Ipol)**

**Ages:** 6 weeks and older

**Use for:** Any dose in series

**Route:** IM or SC

## Rotavirus Vaccines

### **RV1 (Rotarix) - \*LIVE\***

**Ages:** 6 weeks through 8 months, 0 days  
Maximum age for 1st dose is 14 weeks, 6 days  
Maximum age for last dose is 8 months, 0 days

**Route:** Oral (PO) - **Do NOT inject**

**Reconstitute RV1 powder ONLY with manufacturer-supplied sterile water/calcium chloride/xanthan diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) or at controlled room temperature up to 25°C (77°F) and discard if not used within 24 hours.

[Protect from light at all times](#)

### **RV5 (RotaTeq) - \*LIVE\***

**Ages:** 6 weeks through 8 months 0 days  
Maximum age for 1st dose is 14 weeks, 6 days  
Maximum age for last dose is 8 months, 0 days

**Route:** Oral (PO) - **Do NOT inject**

[Protect from light at all times](#)

## Tetanus and Diphtheria Toxoid- containing vaccines

### **DT (generic)**

**Ages:** 6 weeks through 6 years

**Use for:** Primary series and booster doses **ONLY** for children with a contraindication or precaution to pertussis vaccine

**Route:** IM

### **Td (generic)**

**Ages:** 7 years and older

**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap

**Route:** IM

### **Td (Tenivac)**

**Ages:** 7 years and older

**Use for:** Primary series and booster doses for persons previously vaccinated with Tdap

**Route:** IM

**Syringe tip cap of prefilled syringe may contain latex**

## Tetanus and Diphtheria toxoid- and acellular Pertussis-containing Vaccines

### **Tdap (Adacel)**

**Ages:** 7 years through 10 years

**Use for:** A single dose if not fully vaccinated for pertussis

**Ages:** 11 years and older

**Use for:** A single dose\*

\*Administer Tdap to women during each pregnancy regardless of previous Tdap vaccination history

**Route:** IM

Syringe tip cap of prefilled syringe may contain latex

### **Tdap (Boostrix)**

**Ages:** 7 years through 10 years

**Use for:** A single dose if not fully vaccinated for pertussis

**Ages:** 11 years and older

**Use for:** A single dose\*

\*Administer Tdap to women during each pregnancy regardless of previous Tdap vaccination history

**Route:** IM



## Varicella – containing Vaccines

### **VAR (Varivax) - \*LIVE\***

**Ages:** 12 months and older

**Use for:** Any dose in the series

**Route:** SC

**Reconstitute VAR powder ONLY with manufacturer-supplied sterile water diluent**

**Beyond Use Time:** Discard reconstituted vaccine if not used within 30 minutes.

[Protect from light once reconstituted](#)

### **MMRV (ProQuad) - \*LIVE\***

**Ages:** 12 months through 12 years

**Use for:** Any dose in the series

**Route:** SC

**Reconstitute MMRV powder ONLY with manufacturer-supplied sterile water diluent**

**Beyond Use Time:** Discard reconstituted vaccine if not used within 30 minutes.

[Protect from light at all times](#)

### **HZV (Zostavax) - \*LIVE\***

**Recommended ages:** 60 years and older

**Use for:** Single dose

**Route:** SC

**Reconstitute HZV powder ONLY with manufacturer-supplied sterile water diluent**

**Beyond Use Time:** Discard reconstituted vaccine if not used within 30 minutes.

[Protect from light at all times](#)

## Travel Vaccines

### **Rabies (Imovax)**

**Ages:** All age groups

**Use for:** Any dose in the series and booster

**Route:** IM

**Reconstitute RAB-HDCV powder with ONLY manufacturer-supplied sterile water diluent**

**Beyond Use Time:** Should be used immediately after reconstitution.

### **Yellow Fever (YF-Vax) - \*LIVE\***

**Ages:** 9 months of age and older

**Use for:** Any dose and booster

**Route:** SC

**Reconstitute YF-VAX powder with ONLY manufacturer-supplied 0.9% sodium chloride diluent**

**Beyond Use Time:** If not used immediately after reconstitution, store at 2°C to 8°C (36°F to 46°F) and discard if not used within 60 minutes.

### **Rabies (RabAvert)**

**Ages:** All age groups

**Use for:** Any dose in the series and booster

**Route:** IM

**Reconstitute RAB-PCECV powder with ONLY manufacturer-supplied sterile water diluent**

**Beyond Use Time:** Should be used immediately after reconstitution.

### **Japanese Encephalitis (Ixiaro)**

**Ages:** 2 months through <3 years of age

**Use for:** Any 0.25 mL dose in primary series

**Ages:** 3 years of age and older

**Use for:** Any 0.5mL dose in primary series and booster

**Route:** IM

## Travel Vaccines (continued)

### **Typhoid (Typhim Vi)**

**Ages:** 2 years of age and older

**Use for:** Any dose and booster

**Route:** IM

### **Typhoid (Vivotif) - \*LIVE\***

**Ages:** 6 years of age and older

**Use for:** All doses in series and booster

**Route:** Oral (PO) – 4 doses on an alternate day interval (1, 3, 5 & 7)

### **Cholera (Vaxchora) - \*LIVE\***

**Ages:** 18 through 64 years of age

**Use for:** Any dose in series and booster

**Route:** Oral (PO)

**Reconstitute manufacturer-supplied CVD 103-HgR powder and packet of buffer ONLY with sterile water (not provided)**

**Beyond Use Time:** Should be consumed within 15 minutes after reconstitution.

[Protect from light and moisture at all times](#)

## Military Specific Vaccines

### **Anthrax (BioThrax)**

**Ages:** 18 through 65 years of age

**Use for:** Any dose in the series and booster

**Schedule:** 0 & 4 weeks, 6, 12, and 18 months

**Route:** IM

### **Adenovirus - \*LIVE\***

**Ages:** 17 through 50 years of age

**Use for:** One-time dose in military recruits

**Route:** Oral (PO) (2 enteric-coated tablets: (1) type-4 and (1) type-7)

### **Smallpox (ACAM2000) - \*LIVE\***

**Ages:** Adult population

**Use for:** Any dose and booster

**Route:** Percutaneous 15 jabs of a bifurcated needle

**Reconstitute ACAM2000 powder ONLY with 0.3mL of manufacturer-supplied 50% glycerin, 0.25% phenol, and sterile water diluent**

**Beyond Use Time:** After reconstitution store at 2°C to 8°C (36°F to 46°F) and discard reconstituted vaccine if not used within 30 days.