

VACCINE PREPARATION AND ADMINISTRATION (Post In Vaccine Prep Area)

VACCINE	INSTRUCTIONS FOR RECONSTITUTION OR USE	SHELF LIFE AFTER RECONSTITUTION, THAWING OR OPENING
DTaP, DTaP-Hib, DT, DTaP-Hep B-IPV, Td, Tdap, Hib, Hep B-Hib, Hepatitis A & B, HPV4, Influenza, Meningococcal Conjugate (MCV4), and Pneumococcal Polysaccharide (PPV23)	SHAKE VIAL VIGOROUSLY to obtain a uniform suspension prior to withdrawing each dose. The vaccine should not be used if it cannot be re-suspended.* ADMINISTER INTRAMUSCULARLY. (PPV23 may be administered subcutaneously.)	Use until outdated unless contaminated. PROTECT HPV4 and MCV4 FROM LIGHT.
Measles, Mumps and/or Rubella (MMR)	RECONSTITUTE JUST BEFORE USING. Use ONLY the diluent supplied. Inject the entire volume of the diluent into the vial of lyophilized vaccine and agitate to mix thoroughly. Withdraw entire contents and inject the total volume of vaccine (about 0.5 mL).* ADMINISTER SUBCUTANEOUSLY.	After reconstitution, use immediately or store in a dark place at 35° to 46°F (2° to 8°C). Do not freeze reconstituted vaccine. PROTECT VACCINE FROM LIGHT AT ALL TIMES since exposure may inactivate the vaccine. DISCARD IF NOT USED WITHIN 8 HOURS AFTER RECONSTITUTION.
Inactivated Poliovirus Vaccine (IPV)	ADMINISTER SUBCUTANEOUSLY OR INTRAMUSCULARLY.*	No need to discard open vial after 30 days. Use until outdated unless contaminated.
Live Attenuated Influenza Vaccine (LAIV)	ADMINISTER INTRANASALLY.	Must be stored in the refrigerator at 35° to 46° (2° to 8°C). DO NOT FREEZE.
Pneumococcal Conjugate (PCV7)	SHAKE VIGOROUSLY immediately prior to use to obtain a uniform suspension in the vaccine container. The vaccine should not be used if it cannot be re-suspended. After shaking, the vaccine is a homogenous white suspension. Visually inspect for particulate matter and discoloration prior to administration. Do not use if particulate matter or discoloration is found. ADMINISTER INTRAMUSCULARLY.	Use until outdated unless contaminated.
Rotavirus (Rota)	ADMINISTER ORALLY	Use until outdated unless contaminated. PROTECT ROTA FROM LIGHT.
Varicella, MMRV Zoster (Zostavax®)**	RECONSTITUTE JUST BEFORE USING. Use ONLY the diluent supplied. Inject the entire volume of diluent into the vial of lyophilized vaccine and gently agitate to mix thoroughly. Withdraw the entire contents into a syringe (use a separate sterile needle for reconstitution and administration of zoster) and inject the total volume (about 0.5 mL for MMRV and 0.7 mL for varicella, and zoster).* ADMINISTER SUBCUTANEOUSLY.	After reconstitution, use immediately or store at 35° to 46°F (2° to 8°C). Do not freeze reconstituted vaccine. DISCARD IF NOT USED WITHIN 30 MINUTES AFTER RECONSTITUTION.

Visually inspect parenteral drug products before administration. If particulate matter and/or discoloration is noted, do not administer. **PLEASE NOTE:** These recommendations are not a substitute for the manufacturer's package insert included with each biologic.

VFC Providers: Refer to the *Vaccine Storage and Handling* table of the VFC Resource Book (Section III Vaccine Management page 10) for more information.

**Zoster (Zostavax®) vaccine is not available under the VFC (MI-VRP) Program. Reference is for preparation and administration informational purposes only.