

## VACCINE PREPARATION AND ADMINISTRATION (Post in Vaccine Prep Area)

VACCINE	INSTRUCTIONS FOR RECONSTITUTION OR USE	SHELF LIFE AFTER RECONSTITUTION, THAWING OR OPENING
DTaP, DT, DTaP-IPV-Hep B, DTaP-IPV, Td, Tdap, Hepatitis A & B, Hib (PedvaxHIB®), Hep B-Hib, HPV4 HPV2, TIV (Flu), MCV4, and PPSV23 (Pneumococcal Polysaccharide)	<b>SHAKE VIAL VIGOROUSLY</b> to obtain a uniform suspension prior to withdrawing each dose. The vaccine should not be used if it cannot be re-suspended.* <b>ADMINISTER INTRAMUSCULARLY.</b> (PPSV23 may be administered subcutaneously.)	Once drawn into syringe, administer immediately. <b>Protect MCV4, HPV4 and HPV2 from light.</b> Use multi-dose vials until expiration date unless contaminated.
DTaP-Hib, DTaP-IPV-Hib, Hib (ActHIB®)	<b>RECONSTITUTE JUST BEFORE USING.</b> Use ONLY the diluent that comes with the vaccine. Diluents for these vaccines are <b>not interchangeable.</b> Withdraw the entire contents into a syringe and inject the total volume of vaccine. <b>ADMINISTER INTRAMUSCULARLY.</b>	Administer within 30 minutes after reconstitution. <b>ActHIB®</b> may only be stored at 35° to 46°F (2° to 8°C) after reconstitution. <b>DISCARD ActHIB® IF NOT USED WITHIN 24 HOURS AFTER RECONSTITUTION.</b>
Inactivated Poliovirus Vaccine (IPV)	<b>ADMINISTER SUBCUTANEOUSLY OR INTRAMUSCULARLY.*</b>	Use multi-dose vials until expiration date unless contaminated.
Live Attenuated Influenza Vaccine (LAIV)	<b>ADMINISTER INTRANASALLY.</b>	Must be stored in the refrigerator at 35° to 46° (2° to 8°C). <b>DO NOT FREEZE.</b>
Pneumococcal Conjugate (PCV13)	<b>SHAKE VIGOROUSLY</b> 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.* <b>ADMINISTER INTRAMUSCULARLY.</b>	Must be stored in the refrigerator at 35° to 46° (2° to 8°C). <b>DO NOT FREEZE.</b>
Rotavirus Vaccines (RV) RV1 (ROTARIX®) RV5 (RotaTeq®)	<b>RV1 (Rotarix®): RECONSTITUTE JUST BEFORE USING.</b> Use only the applicator and diluent supplied with the vaccine. <b>ADMINISTER ORALLY-</b> RV1 2mL; RV5 1mL	<b>Protect RV vaccines from light.</b>
Measles, Mumps, Rubella (MMR)	<b>RECONSTITUTE JUST BEFORE USING.</b> Use ONLY the diluent supplied. Inject the entire volume of the diluent into the vial of lyophilized vaccine and agitate to mix thoroughly. Withdraw the entire contents and inject the total volume (about 0.5mL).* <b>ADMINISTER SUBCUTANEOUSLY.</b>	After reconstitution, use immediately or store in a dark place at 35° to 46°F (2° to 8°C). Do not freeze reconstituted vaccine. <b>Protect MMR from light.</b> <b>DISCARD IF NOT USED WITHIN 8 HOURS AFTER RECONSTITUTION.</b>
Varicella, MMRV Zoster**	<b>RECONSTITUTE JUST BEFORE USING.</b> 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 0.5mL for MMRV, and 0.7mL for Varicella and Zoster).* <b>ADMINISTER SUBCUTANEOUSLY.</b>	After reconstitution, use immediately or store at 35° to 46°F (2° to 8°C). Do not freeze reconstituted vaccine. <b>DISCARD IF NOT USED WITHIN 30 MINUTES AFTER RECONSTITUTION.</b>

\* Visually inspect for particulate matter and discoloration prior to administration. Do not use if particulate matter or discoloration is found. **PLEASE NOTE:** These recommendations are not a substitute for the manufacturer's package insert included with each biologic. This reference is for preparation and administration informational purposes only.

\*\* Zoster (ZOSTAVAX®) vaccine is not available under the VFC (MI-VRP) Program.