

## Quick Tips for Medical Assistants: Pediatric Immunizations

### KEY THINGS TO REMEMBER

- Remember the Seven Rights:

1. Right Vaccine
2. Right Dose
3. Right Interval
4. Right Route
5. Right Patient
6. Right Reason
7. Right Documentation

#### FLOAT

- Find a resource
- Lower your stress level
- Orient yourself to the clinic
- Ask questions!
- Tap into resources

#### DON'T GET CONFUSED!

#### Triple-Check The Names & Acronyms

- |               |           |
|---------------|-----------|
| DTaP ≠Tdap    | HEPB ≠Hib |
| VAR ≠VZV      | MMR ≠MMRV |
| PPSV23 ≠PCV20 |           |

- The facility will have separate stocks for patients aged **0 mos to 18yrs (VFC Stock)** and patients that are **19+ years (Private Stock)**. Be sure to check the stock you are using is for the right age group!
- Get to know the vaccines in the clinic. Is it inactivated? Live? Does it need a diluent or to be reconstituted? Oral, nasal, SQ, or IM?
- Follow recommended doses, routes, intervals, and positioning
- Use a presumptive approach “Your child needs Hepatitis B, polio, and chickenpox vaccines today.”
- Give current Vaccine Information Sheet ([VIS](#)) and obtain consent or complete screening form before immunizing

### STEPS TO DELIVER ERROR-FREE VACCINES

**STEP 1** - Check your vaccine order, verify patient identity, review patient’s EHR and WAIS to determine needed vaccines, give VIS forms, and complete consent procedure per clinic protocol

**STEP 2** - Prepare vaccine order

- Double check vaccine label and expiration date with order and verify appropriate stock to use
- Use diluent or reconstitute vaccine, use 1” needle and determine route (pro tip: label multiple syringes) and location for immunization
- Final check of vaccines to order and expiration dates then go to patient care area and prep limb for administration

**STEP 3** - Ensure limb is secure (hands not free to interfere), ask for help if needed

**STEP 4** - Deliver vaccines one inch apart on limb, ideally no more than three (3) IM and one (1) SQ on the same limb

**STEP 5** - Assess patient for aftercare needs and observe for 15 minutes as a safety precaution.

**STEP 6** - Document the vaccine(s) in electronic health record, as appropriate

### PREPARING RECONSTITUTED VACCINES

VACCINE PRODUCT NAME	MANUFACTURER	LYOPHILIZED VACCINE (POWDER)	LIQUID DILUTENT (MAY CONTAIN VACCINE)	TIME ALLOWED BETWEEN RECONSTITUTION & USE
ActHIB (Hib)	Sanofi	Hib	Sodium chloride 0.4%	24 hours
Hiberix (Hib)	GSK	Hib	Saline 0.9% prefilled syringe	24 hours
M-M-R II (MMR)	Merck	MMR	Sterile water prefilled syringe	8 hours
Menveo* (MenACWY)	GSK	MenA	MenCWY	8 hours
Pentacel	Sanofi	Hib	DTaP, IPV	Within 30 minutes
Priorix	GSK	MMR	Sterile water prefilled syringe	Immediately**
ProQuad (MMRV)	Merck	MMRV	Sterile water prefilled syringe	30 minutes
Varivax (VAR)	Merck	VAR	Sterile water prefilled syringe	30 minutes

\* Available in one-vial formulation for all patients 10 and older. The reconstituted vaccine is still used under age 10

\*\* Store between 36-46F (2-8C) and use within 8 hours if not used immediately

Vaccine Information Sheets

**MOST COMMONLY USED VACCINES IN STOCK AT THIS CLINIC**

NAME	DILUTENT/ RECONSTITUTE	AGES	ROUTE	LOCATION

**VACCINE SCHEDULES**



**Birth to 6 years**

[cdc.gov/vaccines/parents/downloads/parent-ver-sch-0-6yrs.pdf](https://cdc.gov/vaccines/parents/downloads/parent-ver-sch-0-6yrs.pdf)



**7-18 years**

[cdc.gov/vaccines/schedules/downloads/teen/parent-version-schedule-7-18yrs.pdf](https://cdc.gov/vaccines/schedules/downloads/teen/parent-version-schedule-7-18yrs.pdf)

**RECONSTITUTING LYOPHILIZED VACCINE INFOGRAPHIC**

**Figure 1.** Cleanse both vial stoppers. Using a sterile needle and sterile syringe, withdraw the entire contents of the vial containing the adjuvant suspension component (liquid) by slightly tilting the vial. Vial 1 of 2.

**Figure 2.** Slowly transfer entire contents of syringe into the lyophilized gE Antigen Component vial (powder). Vial 2 of 2.

**Figure 3.** Gently swirl the vial until powder is completely dissolved. **Do not shake vigorously.**

**Figure 4.** After reconstitution, withdraw 0.5 mL from the vial containing the reconstituted vaccine and administer.

**PICTOGRAPHS FOR INJECTION SITES & DELIVERY**

Hospital for Sick Children, [www.aboutkidshealth.ca](http://www.aboutkidshealth.ca) website

**SITES FOR SUBCUTANEOUS INJECTION**

45° angle

Skin

Subcutaneous tissue

Muscle

© AboutKidsHealth.ca

**SITES FOR INTRAMUSCULAR INJECTION**

90° angle

Skin

Subcutaneous tissue

Muscle

© AboutKidsHealth.ca