

Skill Station II



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Immunization Supplies



Bandages



Sharps disposal container



Gloves



Safety Needles and Pre-filled Syringes



Safety Syringes



Alcohol Prep Pads



Alcohol Based Hand Sanitizer

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Being Organized!



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Safety Engineered Syringes & Needles

- Designed to decrease needle sticks
- Required by CAL OSHA
- Be familiar with the different types of syringes and needles
- Make sure you know how to use the ones in your office
- Report all needle sticks




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Prefilled Syringes



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Needle Lengths for Immunizations

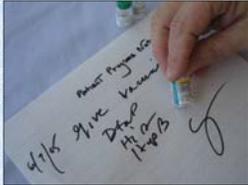
Intramuscular (IM)	Subcutaneous (SC)
<ul style="list-style-type: none"> • 23-25 gauge • 1 inch length (longer needles may be required for larger patients) 	<ul style="list-style-type: none"> • 25 gauge • 5/8 inch length
	

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Vaccine Orders

- Vaccine orders are written by the doctor. They can be found in the office chart progress notes, a separate order sheet, or check off sheets.
- Be sure you can read and understand the orders.
- Check the order with the vial to make sure they are the same; many vaccine vials look similar
- If you don't understand an order, check with the doctor.



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Vials Look Alike



Similar colors



Similar antigens

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Check your vials





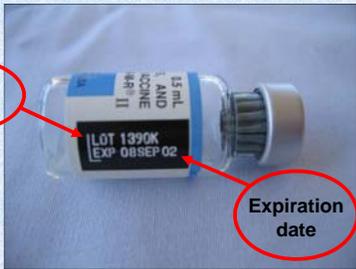
Vaccine Acronyms & Abbreviations

Vaccine names are often abbreviated. Here are the most common ones and the vaccines they refer to:

Abbreviation	Vaccine	Brand Name
BCC	Bacillus of Calmette and Guérin (Tuberculosis)	
DT	Diphtheria & Tetanus	
DTaP	Diphtheria, Tetanus & Acellular Pertussis	DAPTACEL® Infanrix® Triptacel®
DTaP/HPV	Diphtheria, Tetanus & Acellular Pertussis, Hepatitis B, Polio	
Hep A or HBV	Hepatitis A Virus	HEPACOVAC®
Hep B or HBV	Hepatitis B Virus	ENGERIX B®, RECOMBIVAX®
Hep A/Hep B	Hepatitis A and Hepatitis B	Twinrix®
Hep B/HPV	Hepatitis B and Human Papilloma Virus (type 16)	COSIVAX®
HB	Human Papilloma Virus (type 16)	ACTHIB® Pediaris®

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Expiration Date



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Different Dates



Month/Day/Year



Month/Year



Day/Month/Year

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Vaccine Preparation



- Wash your hands before preparing vaccines
- Make sure you have a quiet area to prepare the vaccines and review the order
- You only need to change needles if they have been contaminated

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Drawing Up Vaccines

Drawing Up Ready-to-Use Vaccine

Before You Start

- Wash your hands.
- Select the appropriate syring and needles for the vaccine you will administer.
- Verify that you have selected the correct vaccine by comparing them to the physician's written order.
- Have alcohol pads or cotton balls moistened with alcohol handy.

Drawing Up Liquid Vaccine

- Remove the vaccine vial cap and wipe the rubber stopper with an alcohol pad.
- Wipe the vial on the table, push the needle straight into the center of the vial's rubber stopper.
- Withdraw all of the vaccine into the syringe. (If using a multidose vial, you'll need to measure a single dose while drawing up. Always check the label for dosage.)
- Carefully remove the needle from the vial. Recap the needle and place the prepared syringe on a labeled tray or mark it clearly.



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Drawing Up Vaccines

Part 1



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Drawing Up Vaccines

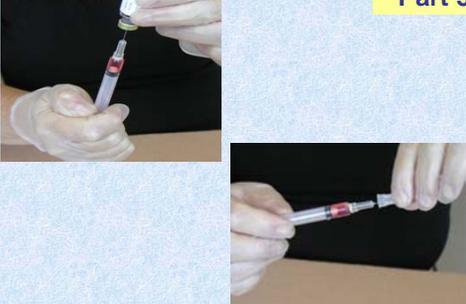
Part 2



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Drawing Up Vaccines

Part 3



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Reconstituting Vaccines

Preparing Reconstituted Vaccine

Before You Start

- Wash your hands.
- Select the appropriate syringe and needles for the vaccine you will administer.
- Verify that you have selected the correct vaccine by comparing them to the physician's written order.
- Have alcohol pads or cotton balls moistened with alcohol handy.

Drawing Up Diluent

- Remove the diluent vial cap and wipe the rubber stopper with an alcohol pad.
- Wipe the vial on the table, push the needle straight into the center of the diluent vial's rubber stopper.
- Withdraw the diluent into the syringe by pulling or gently on the plunger.

Mixing Diluent with Freeze-Dried Vaccine (Powder/Powder)

- Remove the vaccine vial cap and wipe the rubber stopper with an alcohol pad.
- Wipe the vial on the table, push the needle into the center of the vaccine vial's rubber stopper. Push down on the syringe plunger to inject all the diluent into the vial.
- Agitate the vial by shaking to mix the vaccine and the diluent and the hard frox a consistent look throughout. When ready, these should be in a white particulate mixture.
- Withdraw all of the vaccine into the syringe. (If using a multidose vial, you'll need to measure a single dose while drawing up. Always check the label for dosage.)
- Carefully remove the needle from the vial. Recap the needle and place the prepared syringe on a labeled tray or mark it clearly.



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Reconstituting Vaccines


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vaccine diluent

- Some vaccines, like MMR, MMRV, Varicella, and ActHib require reconstitution with the diluent supplied with the vaccine.
- Use the correct vaccine with the correct diluent.

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