

Vaccine Administration Techniques

Update Your Shot Technique!
Learn How To Incorporate The
New Vaccines In A Visit



From: IMMUNIZATIONS 101

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Steps to Success

- **Preparation** — You, Patient/Family, Environment, Vaccine
- **Administration**
- **Documentation**



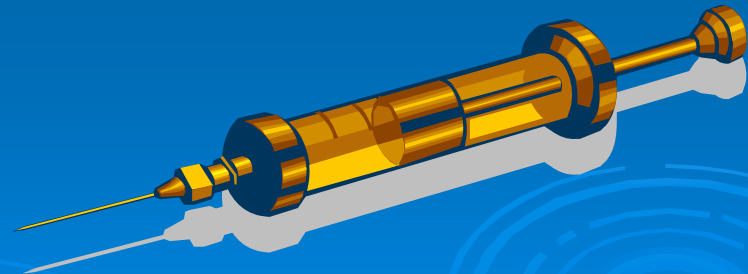
“Be Prepared”



- Show confidence
- Promote sense of security and trust for patient and family
- Consider age and stage of development of patient
- Encourage parent/caretaker to take active role
- Age appropriate patient positioning and restraint

Safe Environment Effective Vaccine

- Infection control – hand washing, gloving, needle stick injuries, equipment disposal
- Proper vaccine handling and preparation
- Equipment selection – syringe, needle, filling the syringe, reconstitution, pre-filling syringes, labeling



Vaccine Administration

- Route – Subcutaneous (subq)
- Sites – thigh or back of arm between shoulder and elbow
- Needle gauge & length – 5/8-inch, 23 to 25-gauge
- Technique – Pinch up fatty tissue, insert needle at 45° angle

Vaccine Administration

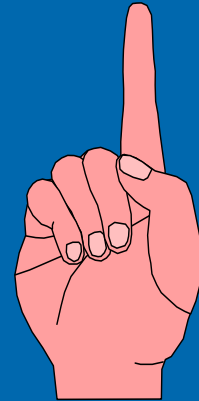
- Route – Intramuscular injection (IM)
- Site – Vastus lateralis (thigh) or deltoid
- Needle gauge & length – 22- to 25-gauge, 1-inch to 1 ½-inch
- Technique – Spread skin taut between thumb or forefinger to isolate muscle; insert needle at 90° angle

Vaccine Administration

- Standardizing location of injections reduces error and increases efficiency
- No research data documented to support the need for aspiration



GENERAL RULE



- No contraindication to simultaneous administration of vaccines.
- In same site, separate by 1-2 inches
- Use less reactive vaccines in same site
- Subq vaccine can go in same limb
- Use only 2 vaccines in one muscle site

Flu Mist Administration *Avoid This!*



Flu Mist *Good Technique!*



INSTRUCTIONS FOR USE

To administer the vaccine:



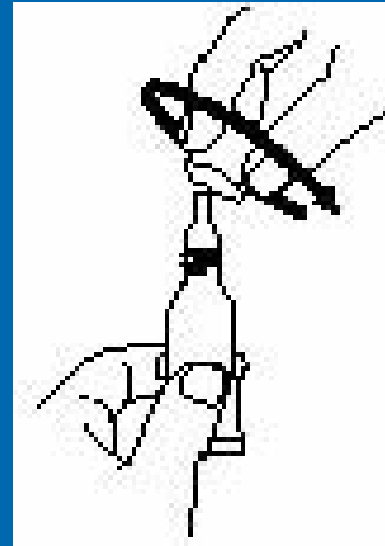
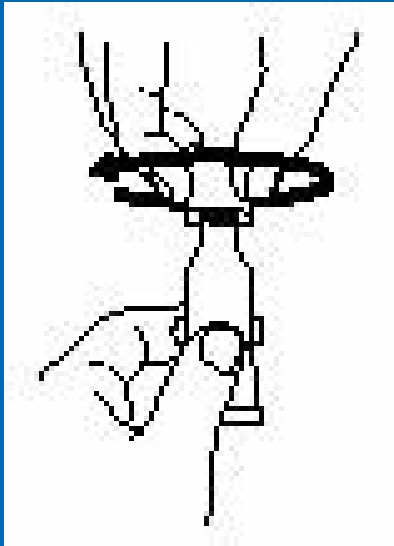
Tear open the pouch and remove the dosing tube.



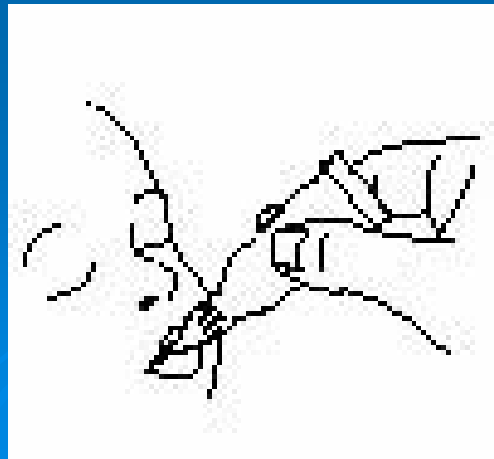
Clear the fluid from the dispensing tip by holding tube vertically and tapping cap.

Open the dosing tube in 2 easy motions:

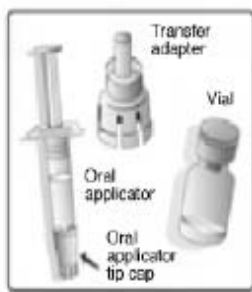
Opening Rotavirus Tube



Administering Vaccine to Baby



Rotarix Administration



1. Remove plastic cover from vial of lyophilized vaccine.



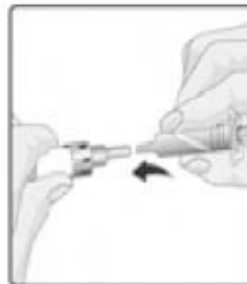
2. Connect transfer adapter onto vial by pushing it downwards until the transfer adapter is properly and securely in place.



3. Shake the oral applicator containing the liquid diluent vigorously. The shaken suspension will appear as a turbid liquid with a slow settling white deposit.



4. Remove the protective tip cap from the oral applicator.



5. Connect the oral applicator into the transfer adapter by pushing it firmly on the device.



6. Transfer the entire content of the oral applicator into the vial of lyophilized vaccine.



7. With the oral applicator still attached, shake the vial and examine for complete suspension. The reconstituted vaccine will appear more turbid than the diluent alone. This appearance is normal.



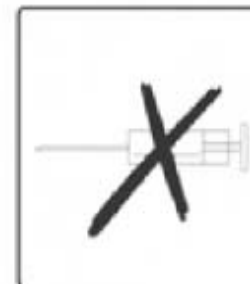
8. Withdraw the entire mixture back into the oral applicator.



9. Remove the oral applicator from the transfer adapter.

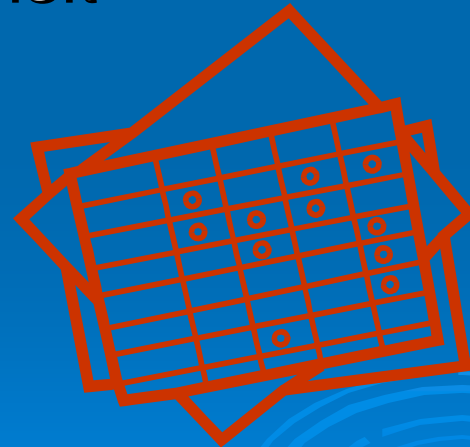


10. The infant should be seated in a reclining position. Administer orally the entire content of the oral applicator (on the inside of the cheek). Dispose of applicator and vaccine vial in biohazard waste container.



Documentation

- Accurate, understandable, available records
 - Easy to read
 - Able to access at time of visit
 - Reflect all vaccines given





Thank You