

Preparing Reconstituted Vaccines



Before You Start

- Wash your hands.
- Gather alcohol pads, appropriate needle, and syringe.
- Get one dose each of vaccine and diluent.
- Check vaccine against physician's written order.
- Check that today's date is sooner than vaccine's and diluent's expiration dates.



Mixing the Vaccine

- Remove plastic caps.
- Cleanse stoppers with alcohol pad and **let dry**.*
- Assemble needle and syringe.
- Uncap needle.
- Hold diluent vial steady on the counter.
- Insert needle straight into the center of the vial stopper.
- Invert vial and pull needle back so the tip is in the liquid.
- Draw up all diluent into syringe and then withdraw needle.
- Hold vaccine vial steady on the counter.
- Insert needle into center of stopper.
- Inject diluent.
- Holding vial and syringe together, shake to mix.



*Be sure that MMR, Varicella and MMRV stoppers are thoroughly dry before drawing up doses. Alcohol may damage these live vaccines.

Drawing Up the Vaccine

- Invert vial and pull needle back so the tip is in the liquid.
- Pull back on plunger and draw up **entire contents** of vial.
- Withdraw needle.
- Tap syringe and push out air.
- Recap the clean needle.
- Use reconstituted vaccine promptly.

