Preparing Liquid Vaccines



Before You Start

- Gather alcohol pads, appropriate needle, and, as needed, syringe.
- Get the vial or syringe of vaccine.
- Check vaccine against physician's written order.
- Check that today's date is sooner than vaccine's expiration date.
- Inspect vial or syringe for damage, particulate matter, or contamination.
- · Wash your hands.



Drawing Up Liquid Vaccine

Single-dose vials

- Gently invert or shake, per insert instructions.
- Remove plastic cap.
- Cleanse stopper with alcohol pad and let it dry.
- Assemble needle and syringe.
- · Uncap needle.
- · Hold vial steady on counter.
- Insert needle straight into center of vial stopper.
- Invert vial and pull needle back so the tip is in the liquid.
- Pull back on plunger and draw up prescribed dose.
- · Withdraw needle.
- Tap syringe and push out air.
- Recap the clean needle.
 (If not administering immediately, recap needle using single hand scoop or follow your organization policy.)

Pre-filled syringes

- Gently invert or shake, per insert instructions.
- Remove syringe tip cover.
- Attach needle to syringe.



Multi-dose vials

- Gently invert or shake, per insert instructions.
- Remove plastic cap.
- Cleanse stopper with alcohol pad and let it dry.
- Assemble needle and syringe.
- Uncap needle.
- · Hold vial steady on counter.
- Invert vial so needle tip is in liquid.
- · Withdraw one dose.
- Return needle and vial to counter top.
- · Withdraw needle.
- Tap syringe and push out air.
- Recap the clean needle.
 (If not administering immediately, recap needle using single hand scoop or follow your organization policy.)

