

Simulations

There are 5 simulation courses and 9 challenge exercises in the program.

- Hand Hygiene
- Administering an Intramuscular Vaccine
- Administering an Intranasal Vaccine
- Administering a Subcutaneous Vaccine
- Managing Vaccine Reactions (5 separate challenges)
 - o Managing Anaphylaxis
 - o Managing Excessive Bleeding
 - o Managing Light-Headedness or Dizziness
 - o Managing A Fall Without Loss of Consciousness After Vaccination
 - o Managing A Fall With Loss of Consciousness After Vaccination

For more details see the *PTU Elite - Immunizations - Preceptor Guide* document.

Likely "In Standard Stock" Items

Supplies:

- Soap
- Sink with running water
- Paper towels or electric hand dryer
- Hand sanitizer that contains at least 60% alcohol
- Tissues for the patient (for intranasal immunization simulation)
- Cool, damp cloths or ice packs
- Gauze pads
- Alcohol swabs or pads
- Latex-free bandages
- Cotton balls
- Biohazard bag (or proper waste container for "blood-soaked gauze")
- Sharps container
- Blood pressure/pulse monitor
- Oral and/or injectable diphenhydramine (trainer doses are okay)
- Epinephrine (trainer device preferred, but needleless syringe, capped pen, etc are okay)
- A blank printed VAERS report (<https://vaers.hhs.gov/uploadFile/index.jsp>)
- Appropriate vaccine information statement (VIS), based on type of immunization given
- Appropriate personal protective equipment (PPE), based on your pharmacy's policies
- Appropriate needles and syringes, based on the type of immunization given

Pharmacy-Specific Documents

- Pharmacy's emergency management plan
- Pharmacy's vaccine screening questionnaire and consent form
- Pharmacy's vaccine administration record (VAR)

Potentially “Out of Standard Stock” Items

Supplies:

- Bacteriostatic sodium chloride 0.9% or normal saline vials
 - For simulating intramuscular and subcutaneous injections
- Demo Dose powder vial
 - For grading students on reconstitution, your pharmacy can order Demo Dose powder vials, which can be purchased on websites like Pocket Nurse or Nasco.
- Mucosal atomizer devices (MADs)
 - For created a simulated “vaccine sprayer” for the intranasal simulation
 - May be available from your wholesaler or may be provided by your company. If your pharmacy assembles nasal naloxone kits for patients, you may already have a MAD in stock.
- Sterile sodium chloride 0.65% or distilled water
 - For simulating intranasal immunizations