

How to Use a Vanishpoint Syringe

VanishPoint® syringes have been called the gold standard for retractable needle syringes. A variety of sizes are available, but most common for AP purposes will be 3mL for reconstitution and 1mL for vaccine administration.

It is important to be careful about adjusting the plunger when injecting air while you draw up your vaccine. The needle is automatically retracted from the patient into the barrel of the syringe when the plunger is fully depressed. This needle retraction activation virtually eliminates exposure to the contaminated needle, effectively reducing the risk of needlestick injury.

Pfizer Vaccine Reconstitution:

VanishPoint® 3mL syringes may be used for reconstitution.

- Draw back plunger to 1.8mL with air, instill 1.8mL of air into diluent vial being careful to avoid activating the needle retraction mechanism.
- Proceed to withdraw 1.8mL of diluent and add to vaccine vial while again being careful to avoid activating the needle retraction mechanism.
- Next, place vaccine vial on flat surface and allow 1.8mL of air to be removed for equalization.

Precautions:

- Contents are sterile, non-toxic, and non-pyrogenic. Do not use if product or package is damaged.
- When first instilling air for Moderna/Janssen, draw back plunger to 0.5mL with air, instill 0.5mL of air into vial, then proceed to draw up 0.5mL of vaccine.
- When first instilling air for Pfizer, draw back plunger to 0.3mL with air, instill 0.3mL of air into vial, then proceed to draw up 0.3mL of vaccine.
- Use only with attached needle. Needle cannot be changed.
- Automated needle retraction occurs only when barrel is emptied and plunger is fully depressed.
- All Clinical Staff must watch the following video: [VanishPoint Training Video](#)

Product Usage Information:

1. Prepare and give injection using aseptic technique according to Affiliated Physicians policy.

2. For injection into patients, when you hit resistance continue depressing plunger to activate automatic needle retraction **while needle is still in patient**. Full dose is administered only when needle retraction is activated.

3. The needle will automatically retract into the syringe. Be aware that the needle retracts or "vanishes" into the barrel of the syringe and is not stuck in the participant's arm.

4. Dispose of VanishPoint® syringe in the provided sharps container.

