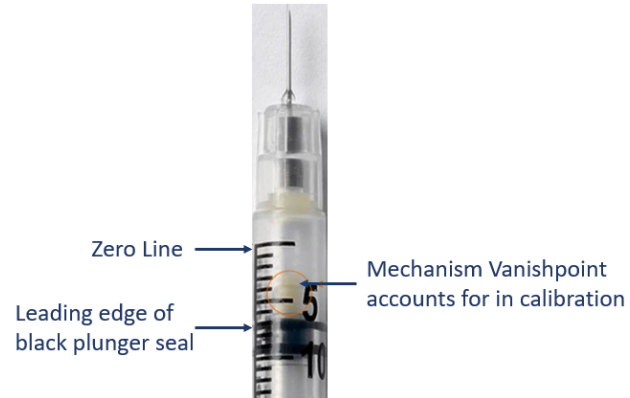


Vanishpoint - Key Training Points for COVID-19 Vaccine Dilution

Preparation of Medication:

- The top line denotes zero
- Draw up the dose as you normally would
- Measure using the leading edge of the black plunger seal
- VanishPoint syringes have been calibrated to account for the retraction mechanism on top of the plunger seal
- When the plunger handle is fully depressed (past the resistance point and zero line) the full dose is delivered and the retraction mechanism is automatically activated



The Air Bubble Explained:

VanishPoint syringes have a unique mechanism to allow for needle retraction, called a friction ring, which is visible directly below the compressed spring. The friction ring creates a slight ledge, under which a small air bubble may become trapped and resistant to removal. RTI has done extensive testing on what impact this bubble could have. VanishPoint syringes have been tested for dose accuracy, with and without the bubble present. Testing shows that the dose is NOT affected by the presence of the bubble. However, testing shows that the residual medication (also called “dead space”) in the syringe (after delivery of the full dose and activation of the retraction mechanism) is slightly reduced when a bubble is present. Basically, a resistant bubble (trapped under the friction ring) is not injected and displaces dead space. The bubble does not affect the injected dose.

Tips to assist with bubble removal from a Vanishpoint safety syringe, as seen in the video demonstration accessed by QR Code below:

- Draw up the dose as you normally would, tap the syringe barrel to dislodge and consolidate air bubbles at the top (needle end) of the syringe
- Once bubbles have risen to the needle end of the syringe, draw the plunger handle back to create a small air pocket, as shown in the video below
- Keeping the syringe level, rotate the plunger handle as you slowly push up to the correct dosage
- NOTE: At times, a small air bubble, below the spring area but above the zero line, may be resistant to removal. This small, trapped bubble will not affect the dose accuracy (see above information).

This QR code gives access to the full online training content for the Vanishpoint Syringe specifically built to assist with the dilution of the COVID-19 Vaccine including training videos and demonstrations

