Points to practice

1. Preparation
   • Prepare the insertion site in accordance with your facility policy.
   • Inspect the catheter and ensure PRN is secure and clamp is not engaged.
   • Secure the vent plug or remove it to pre-prime/pre-connect system.
   • Remove the needle cover. Holding as illustrated, rotate the safety shield to loosen the needle (Fig. 1).
   • Make sure the bevel is oriented upward and not covered by the catheter.

2. Venipuncture
   • Grasp the pebbled side of wings and pinch together firmly (Fig. 2).
   • Access the vessel and observe flashback in the tubing behind the wings.

3. Advancement
   • Upon flashback visualization, lower the catheter almost parallel to the skin.
   • Before threading, advance entire unit slightly to ensure the catheter tip is in the vessel.
   • Release the wings and stabilize the catheter.
   • Grasp the pebbles on the end of the shield and pull back slightly to recess needle (Fig. 3).
   • Advance the catheter into vein while maintaining skin traction.

4. Needle removal
   • Stabilize the catheter wings. Grasp the pebbles on the end of the shield and pull in a straight continuous motion (Fig. 4).
   • The shield will come off, exposing the adapter.
   • Place the shielded needle in a puncture-resistant, leak-proof sharps container.

5. Securement
   • Secure the catheter and apply a sterile dressing in accordance with your facility policy.
Caution reminders

- Do not bend the needle or stylet prior to insertion.
- Never reinsert needle into the catheter as this could shear the catheter.
- Do not use scissors at or near the insertion site.
- Place all used needles in a puncture-resistant, leak-proof sharps container.

Consult product insert for complete instructions, warnings and cautions.

Tips for success

Maintaining the bevel position

- Make sure the pebbled side of the catheter wings are in contact with your fingers.
- Pinch the wings tightly near the base to ‘lock’ the bevel position.

Making a smooth insertion

- Make sure the catheter is not over the needle bevel.
- Maintain traction on the skin.

Insertion success

- Slow down the speed of insertion.
- Lower the initial insertion angle, keeping the elbow low.
- After flashback, lower the angle and advance the entire unit slightly.
- Make sure tip seal is released by rotating the shield.

Advancing with ease

- Make sure to release the tip seal before insertion by rotating the shield.
- After flashback, lower the angle and advance the entire unit slightly.
- Do not pull back on the shield initially more than 1/8 inch.
- Maintain traction on the skin.

Seeing the flash

- Flashback is a better indicator.
- Slowing the approach allows the flashback to catch up.
- Sense the ‘loss of resistance’ when entering the vein.

Continuation of flash

- Normally flashback will stop in product without the Y-site configuration.

Removing the needle easily

- Make sure to release the tip seal before insertion by rotating the shield.
- Open the catheter wings flat against the skin.
- Place your fingers on each wing, not on the center portion.
- Only grasp the pebbled end of the safety shield.
- Without hesitating, pull the needle out in a straight continuous motion until the shield pops off.

Activating the safety shield

- Only grasp the pebbled end of the safety shield.
- Without hesitating, pull the needle out in a straight continuous motion until the shield pops off.