Preparation

• Prepare site according to policy and procedure
• Remove needle cover and inspect unit
• Secure flow control plug or remove it to pre-prime/pre-connect system
• Holding catheter as illustrated, rotate safety barrel to loosen needle
• Make sure bevel is oriented and not covered by the catheter

Venipuncture

• Grasp pebbled side of wings, pinching firmly
• Approach vein slowly at a low angle
• Observe flashback in tubing behind wings

Advancement

• Upon flashback visualization, lower catheter almost parallel to the skin
• Before threading, advance ENTIRE UNIT slightly to ensure catheter tip is in the vein
• Release wings and stabilize
• Grasp white shield and pull back slightly to recess needle (Fig.3)
• Thread catheter into vein while maintaining skin traction

Needle Removal

• Stabilize catheter wings
• Grasp white shield and pull in a straight continuous motion
• Shield will come off, exposing the adapter
• Place needles in a puncture-resistant, leak-proof sharps container.

Securement

• Secure catheter and apply sterile dressing according to policy and procedure

Caution Reminders

• Do Not bend the needle 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 needles in a puncture-resistant, leak-proof sharps container.
TIPS FOR SUCCESS

MAINTAINING THE BEVEL POSITION
- Make sure the pebble side of catheter wings is in contact with the fingers
- Pinch the wings tightly near the base to ‘lock’ the bevel position

MAKING A SMOOTH INSERTION
- Make sure catheter is not over 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 flash, lower the angle and advance 1/8 inch
- Make sure tip seal is released by rotating the safety barrel

THREADING WITH EASE
- Make sure to release the tip seal before insertion by rotating the safety barrel
- After flash, lower the angle and advance 1/8 inch
- Do not pull back on the white shield initially more than 1/8 inch
- Maintain traction on the skin

FEELING THE ‘POP’?
- Pop causes damage to the vein
- Flash is a better indicator
- Slowing the approach allows the flash to catch up
- Sense the ‘loss of resistance’ when entering the vein

CONTINUATION OF FLASH
- Normally flash 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 safety barrel
- Open the catheter wings flat
- Do not place finger(s) on the center of the wings
- Only grasp the pebbled end of the white 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 white shield
- Without hesitating, pull the needle out in a straight continuous motion until the shield pops off