**Introcan Safety® IV Catheter**

**INSERTION GUIDE:**

1. **Preparation**
   - Select and prepare site according to facility protocol.
   - Completely remove the paper from the packaging.
   - Remove protective cover by holding at each end, then pull straight apart.
   - DO NOT ROTATE CATHETER PRIOR TO INSERTION
   - Confirm catheter hub is seated tightly against flashback chamber.

2. **Perform insertion**
   - Hold skin taut, insert catheter at optimal insertion angle.
   - Visualize first flashback in flashback chamber to confirm needle entry in the vessel.
   - Upon first flashback visualization, LOWER and advance catheter off needle and then remove catheter. Grip product by flashback chamber and not by hub. Confirm catheter hub is seated tightly against flashback chamber.

3. **Thread catheter**
   - Holding needle still, advance the catheter off the needle into the vessel.
   - Release tourniquet.
   - After confirmation, continue advancing catheter off the needle into the vessel.

4. **Occlude vessel and stabilize catheter hub**
   - With hub stabilized, swiftly remove needle straight out from hub.
   - The passive safety shield automatically covers the needle bevel.

5. **Remove needle from catheter**
   - Hold skin taut, insert catheter at optimal insertion angle.
   - Visualize first flashback in flashback chamber to confirm catheter tip is in the vessel.
   - Hold skin taut, insert catheter at optimal insertion angle.

6. **Connect and secure catheter**
   - Immediately CONNECT and TIGHTEN the accessory device to the catheter hub.
   - Properly discard needle into sharps container.
   - Stabilize and dress the site per facility protocol.

7. **Stabilize and dress the site per facility protocol.**

**ALWAYS REMEMBER**

Never reinsert needle into catheter; catheter shearing may occur and may cause embolism. In the case of an unsuccessful IV start, remove the stylet first to activate safety mechanism, then remove catheter from patient.

**PRIOR TO USE AND FOR COMPLETE PRODUCT INFORMATION, INCLUDING WARNINGS AND PRECAUTIONS, REFER TO “INSTRUCTIONS FOR USE” ACCOMPANYING PRODUCT.**

For Clinical and Technical Support, call 800-854-6851 or visit www.introcanb Braunusa.com for more information.

**PRACTICE SUGGESTIONS:**

1. **Needle feels dull**
   - a. Catheter tip advanced over needle bevel, preventing exposure of full cutting surface of bevel.
   - b. Catheter or needle bevel design may be different from your previous IV catheter.
   - c. Catheter not in vein.
   - d. Insertion speed too fast; needle and catheter exited vessel.

2. **Blowing veins**
   - a. Not seeing initial flash.
   - b. Insertion angle too high.
   - c. Catheter not in vein.
   - d. Insertion speed too fast; needle and catheter exited vessel.

3. **Flashback of blood too slow**
   - a. May be due to patient condition (e.g. hypovolemia; hypotension).
   - b. Ensure tourniquet is properly applied.
   - c. Observe first flash in clear flashback chamber.
   - d. Reduce speed of insertion to allow flash visualization.

4. **Difficult to thread catheter**
   - a. Catheter not in vein (only needle bevel has entered vein).
   - b. Catheter or needle bevel design may be different from your previous IV catheter.
   - c. Catheter tip advanced over needle bevel, preventing exposure of full cutting surface of bevel.
   - d. Insertion speed too fast; needle and catheter exited vessel.

5. **Difficult blood control**
   - a. Inadequate vein occlusion.
   - b. Improper tourniquet release.
   - c. Pulling back on needle before catheter is fully threaded.

6. **Flow restriction**
   - a. Catheter kinking at insertion site.
   - b. Ensure site patency.

7. **Catheter dislodged during needle removal**
   - a. Catheter hub not properly stabilized.
   - b. Stabilize catheter hub while pulling the needle straight out.

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