

# HOW TO INSERT AN IV



## SUPPLIES



Peripheral IV Catheter



Extension Tubing



Stabilization Device



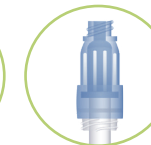
Alcohol Pad



Tourniquet



Saline Flush x2



Luer Lock Hub



Transparent Dressing



Gauze Dressing

## Pre-Procedure

1. Perform hand hygiene upon entering the room.
2. Provide privacy.
3. Explain the procedure to the client.
4. Raise the client's bed to an appropriate height.
5. Place the client in a position that allows their arms to fall into a dependent position.
6. Open and prepare all the equipment on a clean, dry surface.
7. Attach the Luer lock hub to the extension tubing.
8. Attach the saline flush and prime the extension tubing.

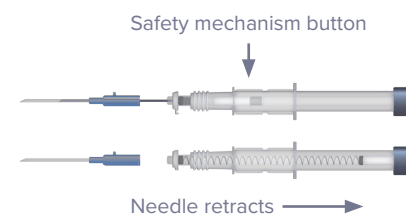
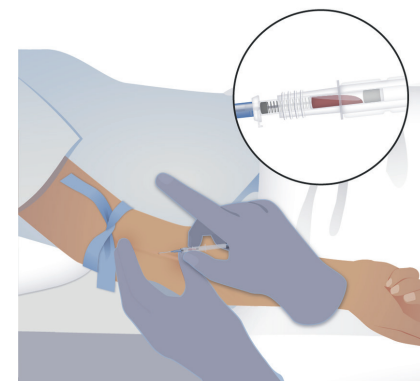
## PRO-TIP

Avoid having to change the linens!

You can place a clean absorbent pad under the patient's IV site to protect the linens from blood from the IV insertion.

## Procedure

1. Put on gloves.
2. Apply the tourniquet to the upper arm.
3. Assess veins to locate an insertion site.
4. Once a site is identified, release the tourniquet.
5. Clean the insertion site with alcohol for at least 30 seconds.
6. Reapply the tourniquet.
7. At the insertion site, use your nondominant hand to stretch the skin and stabilize the vein.
8. Place the IV catheter on top of the vein at a 10- to 15-degree angle.
9. Puncture the skin and the vein wall and watch for blood flashback in the catheter.
10. Using the hand holding the IV catheter, use your dominant index finger to separate the catheter from the needle and advance it into the vein. Be sure to advance the IV catheter all the way to the hub.



11. Hold pressure above the insertion site with your other (nondominant) hand and hold the hub of the catheter.
12. Release the tourniquet.
13. With the same hand that is holding the catheter, use the dominant index finger to activate the safety mechanism to retract the needle.

## Complete the Procedure

1. Attach the primed extension tubing to the catheter hub.
2. Apply transparent dressing without obstruction the view of the insertion site.
3. Slowly draw back on the plunger of the attached saline flush to aspirate air and assess for blood return.
4. After visualizing blood return, slowly inject the saline flush into the extension tubing and through the catheter.
5. Clamp the catheter and remove the saline flush.

