

Implanted Port: Accessing and Removing the Noncoring Needle **SKILL**

Overview

- ▶ When your port is accessed, it will be covered by a sterile dressing.
- ▶ It is recommended that an accessed port dressing be changed every 7 days or sooner if the dressing becomes loose and does not securely cover the entire cannulated port.
- ▶ You may wish to apply topical analgesic (pain-reducing) cream prior to cannulation.
- ▶ Cover with occlusive dressing.

STEP 1: PREPARE FOR PORT CANNULATION

1. Clean and prepare your work area
2. Gather your supplies:
 - Two (2) sodium chloride syringes
 - Heparin syringe
 - Chlorhexidine wipes
 - Sterile gloves
 - Two (2) masks
 - Noncoring needle with tubing
 - Transparent dressing
 - Medicated disc (Biopatch) if the port will be in place longer than 24 hours
3. Remove the occlusive dressing and topical medication (if used).
4. Put mask on you (care provider) and the patient.
5. Wash your hands the right way.

STEP 2: PREPARE THE TUBING AND NONCORING NEEDLE

1. Open a sterile drape, touching only the outside edges.
2. Open the supplies one at a time and let them fall onto the middle of the sterile drape.
 - Do not let the outside packaging touch the sterile drape.
3. Put on sterile gloves (see page 30).
4. Place the needleless connector cap onto the end of the port tubing.
5. Attach a 10 cc sodium chloride syringe to the needleless connector.
6. Flush until you see drops of fluid come through the noncoring needle.
7. Leave the sodium chloride in place.
8. Clamp the tubing.



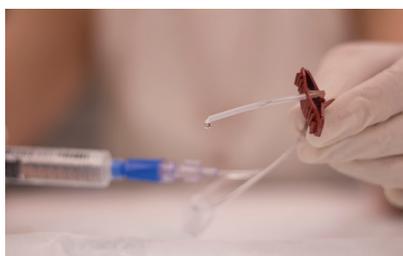
Open the sterile drape



Open your supplies



Attach the syringe



Flush the line for air



Clamp the tubing

STEP 3: CLEAN THE PORT SITE

- ▶ Use the chlorhexidine applicator and clean back and forth and up and down for 30 seconds over the port site.
- ▶ Allow skin to dry completely. This could take a minute. Do not blow or fan.

STEP 4: INSERT THE NONCORING NEEDLE INTO THE PORT

1. Pick up the needle by the wings. Remove the cover from the needle.
2. With your other hand, hold the outer edges of the port steady. Do not touch the area where the needle will be inserted.
3. Firmly insert the noncoring needle into the port until you feel the needle touch the back of the port chamber.
4. Open the clamp of the tubing and see if there is blood return. If you see blood, gently flush 2 to 3 cc of sodium chloride using the attached syringe.
5. If you meet resistance when you try to push in the sodium chloride, check the needle to make sure it is in the center and in far enough. Try to flush again. If you cannot flush, stop and call your home care nurse or doctor.
6. Attach a new syringe and flush with 10 cc of sodium chloride.

STEP 5: SECURE THE DRESSING

1. If the needle will be in place for 24 hours, place an antimicrobial patch around the needle site.
2. Place a transparent dressing securely over the entire needle site and tubing. Sometimes a 2 x 2 inch gauze is placed under the wing of each side of the needle to help secure it in place.
3. You will need to take regular care of your supplies:
 - The tubing will have to be flushed daily through the needleless connector (see Step 4: Flush the Line).
 - The noncoring needle, tubing, and needleless connector will have to be changed every 7 days.
 - The dressing will have to be changed every 72 hours if gauze is used and every 7 days if no gauze is used.



STEP 6: REMOVE THE PORT NEEDLE FROM THE SITE

1. Clean and prepare your work area.
2. Gather your supplies:
 - One (1) 10 mL sodium chloride syringe
 - Heparin syringe
 - Alcohol
 - Sterile gloves
 - Gauze
3. Wash your hands the right way.
4. Put on clean gloves.
5. Prepare to flush:
 - Open the alcohol and scrub the hub of the needleless connector for 15 seconds. Let it dry for up to 1 minute.
 - Prepare a sodium chloride syringe, attach it, and unclamp.
 - Flush with 10 to 20 cc of sodium chloride.
 - Take the syringe off the needleless connector, and without touching the tip, prepare and attach a heparin syringe.
 - Flush with heparin.
 - Clamp the tubing.
6. Remove the noncoring needle:
 - Loosen the dressing.
 - Hold the port with your nondominant hand.
 - With your dominant hand, hold the needle by the tip edges and remove. Pull it straight out.
 - Click the safety cover over the needle.
 - If bleeding occurs, hold gauze over your skin.

