

Indications and Procedure Guidelines for PICC Line Dressing Changes in NCCC

March 2017

WILL BE PERFORMED BY

- The PICC team
 - Nurse Practitioner
 - PICC RN
 - Neonatal Fellow
 - Neonatologist

IMMEDIATE INDICATIONS FOR DRESSING CHANGE

- Non occlusive dressing
- Soiled, damp, or wet



IMMEDIATE INDICATIONS FOR DRESSING CHANGE

- Reinforced with tape



WHAT IF THERE IS BLOOD UNDER THE DRESSING?

- Only change if non occlusive or reinforced
- Change within 7 days if hemostatic product (Statseal) has been used



DRESSINGS CANNOT BE...

- Reinforced with tape
- Submerged under water for any period of time



PICC TEAM RESPONSIBILITIES

- Verify with infant's nurse regarding the timing for the PICC dressing change
- Infant's nurse is to be available at the bedside for the procedure
- Identify the safety bubble range for the procedure
 - Trash and cleaning will need to be postponed by environmental services until the procedure is completed
 - Any staff within 3 feet of the area will need to wear a hat & mask

BEDSIDE RN RESPONSIBILITIES DURING PROCEDURE

- Available to assist with dressing change
- Gather extra supplies if needed
- May need to hold extremity or pacifier in place
- Notify PICC team member of break in sterile technique

PICC TEAM MEMBER RESPONSIBILITIES PRIOR TO PROCEDURE

- Don hat and mask
- Perform hand hygiene
- Apply clean gloves
- Provide comfort measures to infant (swaddle/oral sucrose)
- Remove extraneous items from bed which could contaminate sterile field
- Coordinate the timing of dressing change with pod mates

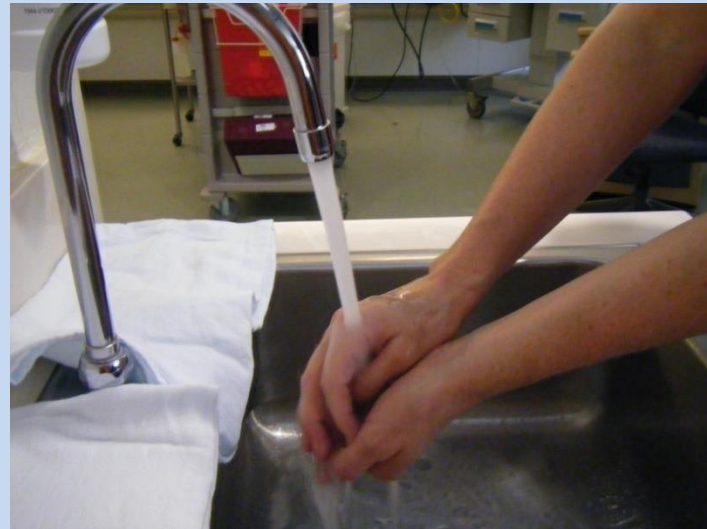
PICC TEAM MEMBER PREPARES FOR PROCEDURE

Gather equipment including:

- PICC line dressing kit (if available)
 - Suture removal kit
 - Steri Strips
 - Tegaderm (adequate size)
 - Chloraprep or Betadine
 - Alcohol Wipes
- Disposable mask/hat
- 2 pairs of sterile gloves (double gloving)
 - *Current size glove for inner glove and one size larger glove for outside glove*
- Securement device (if available)
- Sterile field
 - Blue Drapes



PERFORM HAND HYGIENE

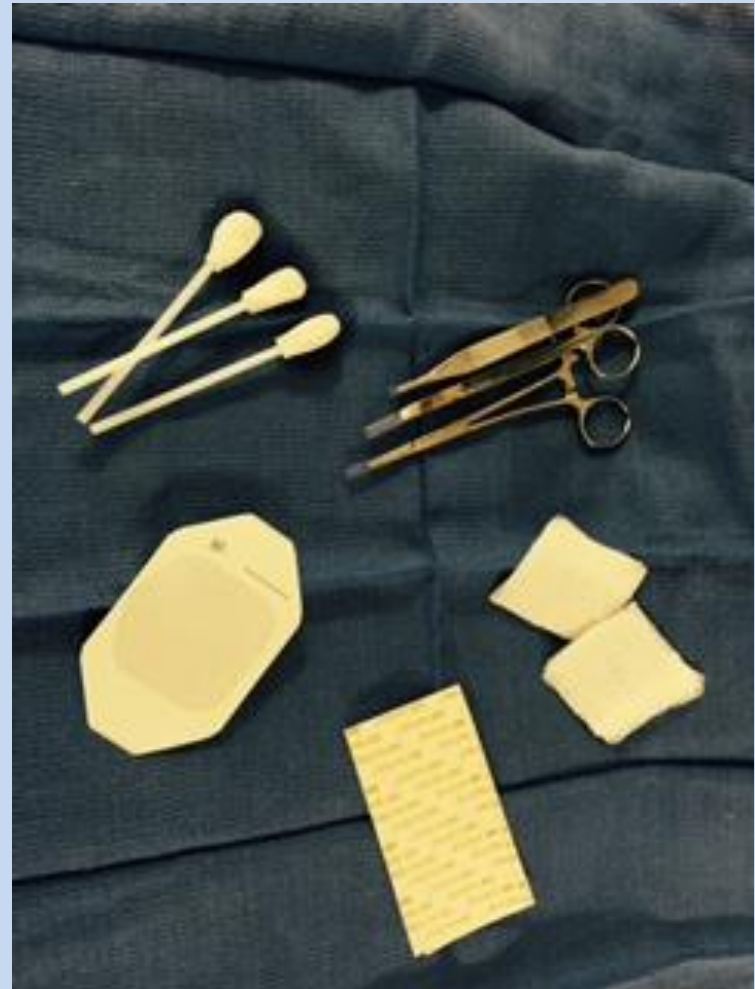


PUT ON MASK AND HAT



PLACE EQUIPMENT ON STERILE FIELD

- Swabs (attach to bedside)
- Suture removal kit
- Gauze 2x2's (PRN)
- Steri Strips
- Tegaderm



PREPARING THE DRESSING FOR REMOVAL

1. Remove outer steri strips



Use alcohol to moisten if necessary

2. Loosen the tegaderm dressing



Stretch the edges of the tegaderm for easier removal

Assistant should hold extremity and PICC after Tegaderm is loose while PICC team member washes hands and becomes sterile

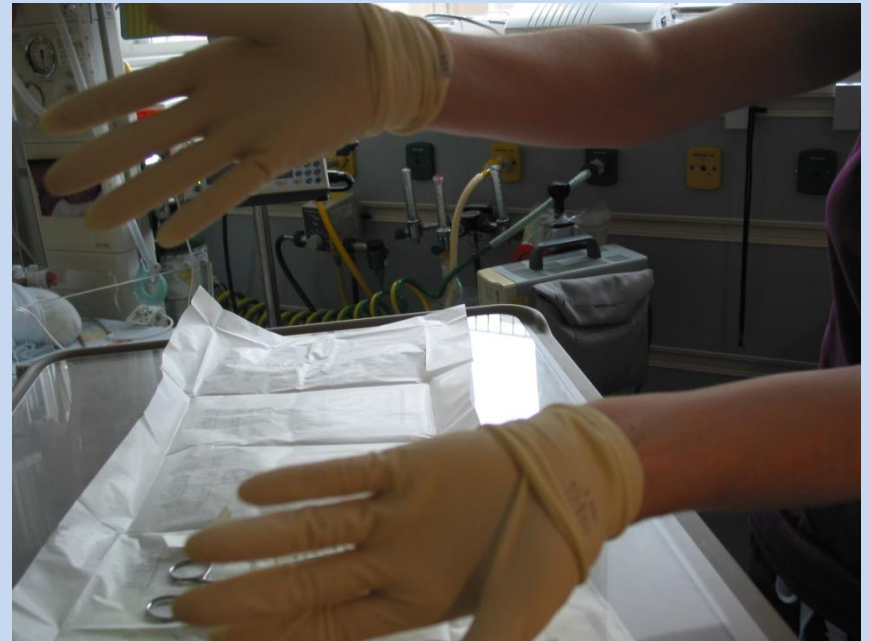
PERFORM HAND HYGIENE



DOUBLE GLOVE

INNER GLOVE: Place current size gloves on hands using aseptic technique

OUTER GLOVE: Place larger size glove over inner glove

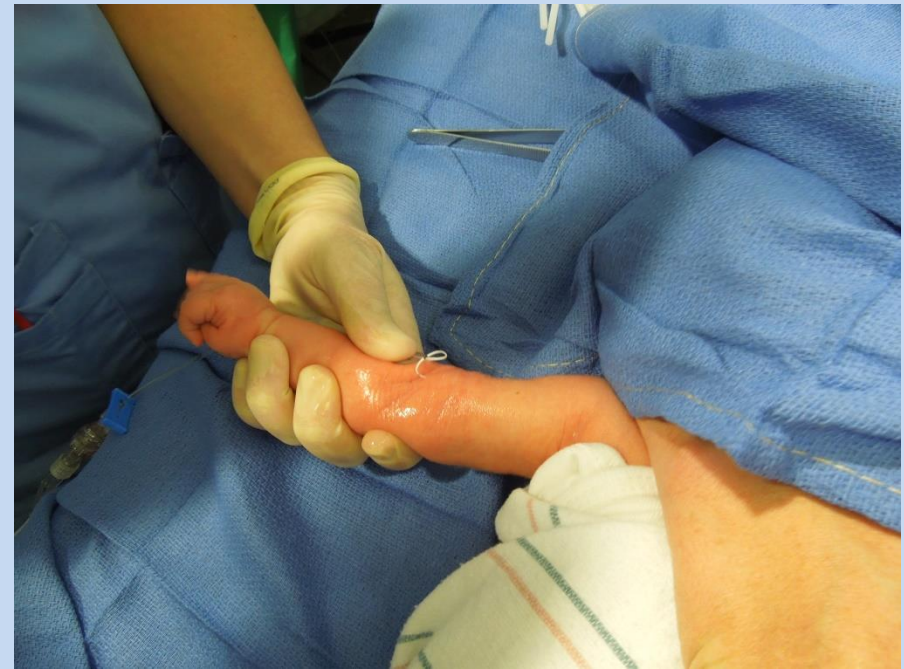


REMOVE THE OLD DRESSING

Remove old steri strip & tegaderm dressing in the direction towards the insertion site



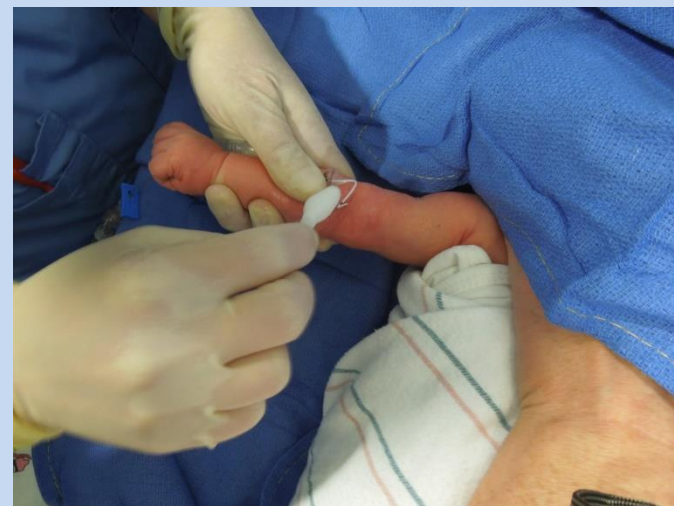
Stabilize catheter disc with non dominant hand



CLEANSING THE SITE

- Discard outer glove
- **Cleaning agent:**
 - If <1000 gms and < 1 week of age with betadine solution
 - If >1000 gms and >1 week of age with Chlorhexidine
 - If >1 week of age (regardless of weight) with Chlorhexidine
- Cleanse the skin around and at the insertion site.
- Allow to air dry. This can take up to 1-3 minutes.

DO NOT BLOT OR BLOW DRY!



TRANSPARENT DRESSING

- Place steri strip over hub
- Place a transparent dressing (Tegaderm) over the insertion site and the “hub” of the catheter
- If possible, make sure there is a slight curve in the catheter under the dressing (decreases tension)
- May need to move “hub” of catheter for different pressure point on extremity. (Can use forceps in suture removal kit)



SECURING THE CATHETER

- Using chevron technique, place a steri strip (adhesive side up) under the extension tubing next to the “hub”, crossing over the “hub” and on top of the transparent dressing
- Do not place over insertion site
- Place 1-2 steri strips on top of chevron cross area



DON'T EVER!!!!!!

- Place tape (including steri strips) over the catheter. This will compromise the strength and integrity of the catheter.
- Loop the catheter over itself whereby one section is resting on another section of the catheter.



HAND HYGIENE

- Remove gloves
- Wash hands



DOCUMENT DRESSING CHANGE

- In Epic click Notes, click procedure tab and new note
- In the new note in the smart text box type “Neo PICC” and click on dressing change option
- Note appears with text F2 thru choices
- Add documentation regarding placement of the line prior to and after dressing change
- Sign note

The screenshot displays the Epic EMR interface for creating a new procedure note. At the top, there are tabs for 'Patient Summary' and 'Edit Note'. Below this, a 'New Note' window is open with the following details:

- Type: Procedures
- Service: Neonatology (PI)
- Date: 11/19/2014
- Time: 1533
- Cosign Required

Below the note details, there are tabs for 'My Specialty', 'Associated Orders', and 'Order Report'. A table lists associated orders:

Date/Time	Order Name	Provider	Specialty	Status
<input type="checkbox"/> 11/10/14 2041	Insert peripheral IV	Jacquelyn K Patter...		Sent
<input type="checkbox"/> 11/10/14 2041	Saline lock IV	Jacquelyn K Patter...		Sent

Below the table, there is a 'Procedure Name' field with a search icon and an 'Add to History' checkbox. There are also sections for 'Pre-procedure Diagnoses' and 'Post-procedure Diagnoses', each with a table containing one entry.

The main content area of the note is titled 'Procedure Note- PICC DRESSING CHANGE'. It includes the following text:

Day of Life: 9 days

Indication: Replacement of [PICC Dressing Desc:23205] dressing

Time out: Performed with the bedside RN by utilizing two of the JCAHO approved patient identifiers.

Procedure: The [PICC Dressing Desc:23205] dressing was removed. The patient was prepped with [Cleansing solution:24386] solution and draped in sterile fashion and the procedure was performed utilizing sterile technique. The insertion site and surrounding tissue were without evidence of an infectious process. The PICC was dressed according to the manufacturers recommendations.

Complication: [Procedure Complications:22063]