TITLE: Midline and Peripherally Inserted Central Catheter (PICC) Dressing Change

PROCEDURES:

1. Obtain/review physician order, explain the procedure, check adverse drug reactions, and assess VAD access site. Inspect drug label, solution and equipment/supplies.
2. Wash hands and follow body substance precautions (BSP).
3. Prepare clean work surface, gather supplies, and assemble equipment.
4. Don one pair non sterile gloves and other protective equipment per BSP.
5. Flush new extension tubing with 3mL of heparin flush, leaving the 10mL syringe attached to it.
6. Place patient in a supine position or in a chair with the midline/PICC arm steady.
7. Secure the extension tubing to arm with tape to stabilize the line during the dressing change.
8. Carefully remove the old dressing. Pull dressing away from the hub toward the insertion site, keeping the old dressing parallel to the skin.
9. Inspect the insertion site and surrounding skin for any signs of infection, phlebitis or irritation. Do not touch the insertion site.
10. Remove dirty gloves and re-wash hands.
11. Don sterile pair of gloves found in the PICC dressing change kit.
12. Using the equipment packaged in the PICC dressing kit, cleanse the insertion site area with 1 chlorhexidine gluconate/isopropyl alcohol swabstick by using a back and forth motion. Repeat with the remaining 2 swabsticks. There must be 30 seconds of contact on the skin. If patient is intolerant or has an allergy to chlorhexidine gluconate/isopropyl alcohol, cleansing may be done with 3 alcohol swabs followed by 3 povidone iodine swabs using concentric circles moving from inside to outside. Allow to air dry.
13. Apply skin protectant, being careful to avoid insertion site.
14. Place steri-strip over the VAD wings to secure the position of the hub.
15. Cover the insertion site, the catheter, wings and hub with the semi-permeable transparent dressing.
16. Slide a steri-strip, sticky side-up, under the extension at the hub of the VAD and chevron it over the top of the transparent dressing.
17. Place a second steri-strip over the top of the hub. (NOTE: With dual lumen PICCs, chevron one lumen).
19. Peel the paper backing from the Grip-lok and place under the catheter on the split area of transparent dressing.
20. Lift the top flap and remove the paper backing where it says “peel”.
21. Place catheter tubing on bottom adhesive strip.
22. Place top flap over the tubing so that the tubing is placed between adhesive strips and top flap is secured.

23. Clamp the VAD

24. Remove extension(s) and replace with new pre-flushed extension.

25. Flush VAD.

26. Remove syringe and replace with a male plug adapter.

27. Document date, time and initials on dressing.

28. On nursing visit report, document observations and patient tolerance during procedure.

UMHHC or HCS References:
1. HomeMed Patient Education Sheets for PICC and Midline Catheters.

Approval and Revisions:
1. August 1998, updated to new format.
2. August 2000, reviewed and references updated.
4. September 2003, reviewed, add chlorhexidine gluconate 2% and isopropyl alcohol 70%.
5. September 2004, reviewed; minor updates.
6. August 2006, reviewed and minor edits.
7. February 2007, chlorhexidine gluconate 2%, isopropyl alcohol 70% increased from 1 swabstick to 3.
8. November 2012, reviewed and added instructions for securement device.
9. December 2015, reviewed, no changes and new signatures not required.