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NURSING SUPERVISOR
(Home Med Infusion Pharmacy and
Area Pharmacy Services
Applicability UMHS Clinical
References Procedure

Pharmacy Services HomeMed Midline and Peripherally Inserted Central Catheter (PICC) Dressing Change Procedure

Procedures Statement, Purpose, Scope

This procedure is purposed with outlining the procedure steps performed by HomeMed Infusion Nurses specific to intravenous vascular access device care and maintenance of indwelling intravenous lines for purposes of administering home infusion therapies provided through HomeMed Pharmacy.

Definitions

Body Substance Precautions [BSP] - Body substance precautions are a set of guidelines that treat all body substances as potentially infectious. These precautions are used to prevent the spread of microorganisms.

Peripherally Inserted Central Catheter [PICC] - A peripherally inserted central catheter is a thin, flexible tube that's inserted into a vein in the arm and threaded into a large vein near the heart.

Vascular Access Device [VAD] - A vascular access device is a tube or port that provides access to a vein or artery so that treatments can be given or blood can be drawn.

Areas of Responsibility

HomeMed Infusion Nursing staff are responsible for complying with these procedural steps.

Procedure

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 swab stick by using a back and forth motion. Repeat with the remaining 2 swab sticks. 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).
18. Apply anchoring device. Open Grip-lok package.
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.

Summary of Changes

Updated to IPPC approved template, converted to Procedure, changed to Pharmacy Services area.

References

1. HomeMed Patient Education Sheets for PICC and Midline Catheters.
2. Legacy Policy Number: 253.015

Exhibits/Attachments

None

Document Approval & Tracking

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Committee(s)	NA
Official Approver	Pharmacy Review
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Approval Signatures

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Owner Approval

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2/17/2025

Applicability

UMH Clinical

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