PURPOSE:
To decrease the possibility of central line site infection(s) through the use of antiseptic agents at the catheter exit site.

CONSIDERATIONS:

Central Line:
1. Remember to have the patient turn their head away from the central line site while the dressing is being removed to prevent contamination from sneezing, etc.
2. If patient is unable to turn his/her head, a mask should be considered.

BIOPATCH™
1. BIOPATCH™ is treated with chlorhexidine gluconate, a broad-spectrum antimicrobial and antifungal agent that is released for up to seven days.
2. When applied to a central venous catheter site, the BIOPATCH™ dressing helps reduce catheter tip colonization and bloodstream infection.
3. The BIOPATCH™ dressing can absorb up to eight times its own weight in fluid and provides a one-inch zone of inhibition from the insertion site.
4. The BIOPATCH™ should be placed so that the pre-cut slit is oriented near or under the catheter. Ensure that BIOPATCH™ edges remain together to maximize product performance.
5. Central venous catheter lines and tubing should be directed away from ostomy sites and bags to decrease cross-contamination.
6. BIOPATCH™ dressings require a physician’s order.
7. The safety and effectiveness of the BIOPATCH™ antimicrobial dressing has not been established in children less than 16 years of age. The dressing should not be used on premature infants or on patients with a known sensitivity to chlorhexidine gluconate.

EQUIPMENT:
Central line dressing kit
Non-sterile and sterile gloves
Mask
BIOPATCH™ Product
Tape
Alcohol swabs

PROCEDURE:
1. Adhere to Standard Precautions.
2. Explain the procedure to the patient and/or caregiver(s). Determine whether the patient has any allergies to products containing chlorhexidine gluconate or isopropyl alcohol.
3. Assemble supplies including the dressing change kit, BIOPATCH™.
5. Loosen the clear or gauze dressing carefully and separate it from the skin without pulling on the central venous catheter.
6. Assess the central venous catheter site for signs of infection including drainage, redness, odor or inflammation.
7. Remove non-sterile gloves and dispose of soiled dressings properly.
8. Using sterile technique, open central venous catheter dressing change kit and establish sterile field.
9. Open BIOPATCH™ package and add to sterile field, if not included in central venous catheter dressing kit.
10. Don sterile gloves.
11. Instructions for using BIOPATCH™:
   a. Place BIOPATCH™ dressing around catheter with blue side up and white foam side next to patient's skin. New blue product placement indicator facilitates correct application.
   b. To ensure easy removal, place BIOPATCH™ dressing so that catheter rests on or near the radial slit. Edges of slit must touch to assure efficacy.
   c. Assure complete contact between skin and BIOPATCH™ dressing.
12. Cover BIOPATCH™ dressing with a secondary dressing. (See Central Venous Catheter: Dressing Change.)

AFTER CARE:
1. Document in patient’s record:
   a. Type and appearance of venous access site.
   b. Patient’s response to procedure.
   c. Instructions given to patient/caregiver.
   d. Response to training.
   e. Communication with physician.