Mechanical Circulatory Assist Device (MCAD) Patient Management Policy

Drive line Dressing Change

Supplies Needed
1. 2 Masks
2. Sterile gloves (1 – 2 pairs)
3. 1 Bottle of sterile normal saline (NS) irrigation sponges
4. 1 roll of 4 inch metapore tape
5. 1 ABD dressing
6. 1 MCAD stabilization belt or Centurion anchor device
7. #10 Boat of 4 x 4 gauzes
8. 3 chlorhexidine swab sticks
9. 2 Split gauze dressings
10. 2 4 x 4 gauze sponges

Procedures
1. Place sign on door “Procedure in Progress” and close the door.
2. Wash hands
3. Mask everyone in patient’s room including self and patient and patient caregiver if present. (Anyone who enters the room during the dressing change must also mask.)
4. Clean all surfaces to be used during dressing change procedure with disinfectant wipe
5. Provide sterile field to use for sterile supplies using a sterile drape or sterile towels
6. Open all supplies using sterile technique. Pour NS into 4x4 gauze boat.
7. Remove drive line stabilization binder
8. Put on clean gloves
10. Change to sterile gloves.
11. Without breaking sterile technique, cleanse drive line exit site with chlorhexidine swab sticks. Start at site of drive line exit from skin, scrubbing in a back and forth motion around the site then outward.
12. Perform this cleansing of the site 3 times per exit site. Do not swab over already cleansed areas with already used swab stick.
13. Cleanse the site with NS moistened 4x4 gauze starting at exit site wiping in a circular fashion outward two times per exit site.
14. Thoroughly pat the area dry using a sterile 4 x 4
15. Apply split sponges, 2 for each driveline, placing first one from below and 2nd one from above.
16. Fold a 4x4 gauze sponge longitudinally wrapping one around each drive line in a chevroned fashion with free ends coming together above the driveline. (Optional, Tape in place).
17. Note: Folded 4x4 gauze sponges may be placed underneath the driveline to support and/or stabilize it.
18. Cover entire dressing with ABD and tape securely in place
19. Use anchor device, abdominal binder or centurion anchor # FCS200XT
20. Document dressing change on “MCAD dressing site assessment Flowsheet” in Cerner, noting condition of each drive line site, any exudate, or signs and symptoms of infection
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