

CVAD Cap Change

A Pre-procedure: Stop. Think. Act. Review.

Ask a second person to support you



Supplies & Equipment

- Clean a **dedicated work surface** & let it dry completely
- Gather & place **all supplies on cleaned work surface** (see reverse)

Environment

- Place **garbage** nearby
- Prepare environment** (e.g., lights on, lower side rail, raise height of bed, close door/curtain)

Patient

- Verify patient & allergies
- Plan for **Comfort Promise**
- Provide masks** to the patient & caregiver
- Identify key parts** (alcohol swab & cap) & **key site** (exposed open end of CVAD catheter)
- Clamp CVAD & disconnect tubing**

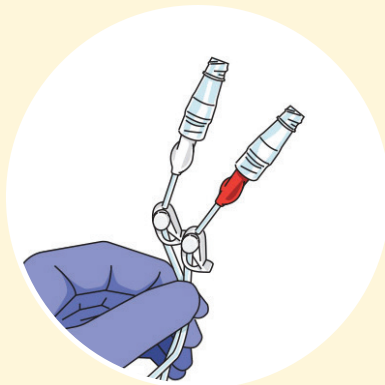
If at any point during this procedure you are uncertain, **STOP & RESOLVE**

B Aseptic Steps

1. Ensure environment is prepared
2. Perform **hand hygiene** & put on PPE
3. Open & unfold two large alcohol swab packages
4. Vigorously scrub the cap & connection to the CVAD for **15 seconds**



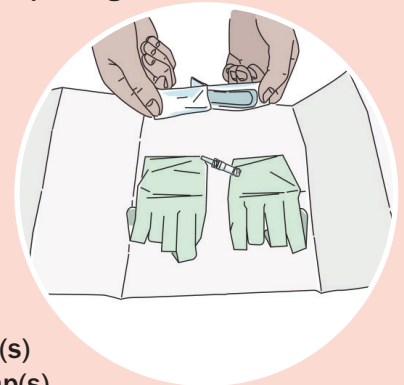
5. Have second person hold CVAD up to dry for **15 seconds**



6. Repeat steps 3 to 5 for each lumen
7. Remove gloves & perform **hand hygiene**

C Critical Aseptic Steps

8. Open sterile glove package
9. Open & drop new cap(s) into sterile glove package
10. Perform **hand hygiene** & put on sterile gloves
11. Remove old cap(s) & attach new cap(s)



D Post-procedure Steps

12. Attach new IV tubing or lock CVAD, if applicable
13. Remove PPE & perform **hand hygiene**
14. Debrief
15. Clean work surface & job aid
16. Document

Cap Change Supplies & Equipment

- Dedicated cleaned work surface
- Portable hand sanitizer
- One mask per individual
- One gown per healthcare provider
- Clean gloves (at least 3 pairs)
- One pair of sterile gloves
- One cap per lumen
- Two large alcohol swabs per lumen
- New IV tubing set up and/or CVAD lock (if applicable)

*Additional supplies at your own discretion