# CVAD Cap Change


Ask a second person to support you

<table>
<thead>
<tr>
<th>Supplies &amp; Equipment</th>
<th>Environment</th>
<th>Patient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean a dedicated work surface &amp; let it dry completely</td>
<td>Place garbage nearby</td>
<td>Verify patient &amp; allergies</td>
</tr>
<tr>
<td>Gather &amp; place all supplies on cleaned work surface (see reverse)</td>
<td>Prepare environment (e.g., lights on, lower side rail, raise height of bed, close door/curtain)</td>
<td>Plan for Comfort Promise</td>
</tr>
</tbody>
</table>

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*