

How to care for dialysis catheters

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Vascular surgeon

- Preventing :
- Infection
- catheter thrombosis

- Infection :
- Before conection
- After conection

- Inspection:

1. Status of sutures

2. Inspection of exit site

3. Inspection of tunnel track

4. Inspection of skin

5. examination of the catheter

- Before connection :
- Perform hand hygiene and new clean gloves



- Wearing a mask



- Clamp the catheter before removing the caps



Checklist: Hemodialysis catheter connection

- Wear mask (if required)
- Perform hand hygiene
- Put on new, clean gloves
- Clamp the catheter and remove caps
- Scrub catheter hub with antiseptic agent
- Allow hub antiseptic agent to dry
- Connect catheter to blood lines aseptically
- Remove gloves
- Perform hand hygiene

- after disconnection :



- Dressing : each session
- (prevention Trauma , infection, dislogment)

- Kind of dressing : guaze or transparent
- Dressing for home
- Bathing

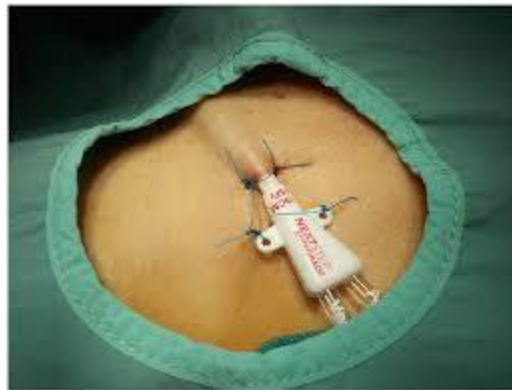


Checklist: Hemodialysis catheter disconnection

- Wear mask (if required)
- Perform hand hygiene
- Put on new, clean gloves
- Clamp the catheter
- Disconnect catheter from blood lines aseptically
- Scrub catheter hub with antiseptic agent
- Allow hub antiseptic agent to dry
- Attach new caps aseptically
- Remove gloves
- Perform hand hygiene

- Use of bio glue ???

- Sutures :
- Always for nontunneled catheters
- 2 weeks for tunneled catheters



- Antimicrobial agents :
- Mupirocin
- Povidone iodine ointment
- Polysporin ointment

- Thrombosis:
- Agents:
- Heparin : 50 unit / ml
- Reteplase : 1 mg/ ml
- taurolock