

## General Directorate of Infection Prevention and Control Ministry of Health- Riyadh KSA



# HEMODIALYSIS BUNDLE FOR CATHETER (Outpatient)

Surveillance Month:	Name of dialysis center:
Patient name:	Patient MRN:
Age:	Gender: M / F

#### A. Hemodialysis Catheter Bundle

Date		Catheter connection			Catheter disconnection			Exit Site Care			Dialysis Station Disinfection			Medicine preparation			Medicine administration		
		Υ	N	N/A	Υ	N	N/A	Υ	N	N/A	Υ	N	N/A	Υ	N	N/A	Υ	N	N/A
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Y- yes N- no N/A- not applicable

• This form for one patient in one month.



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# HEMODIALYSIS BUNDLE FOR CATHETER (Outpatient)

#### **Hemodialysis Bundle Components for Catheter:**

#### 1-Appropriate hemodialysis catheter connection

- Perform hand hygiene
- Don proper PPE (mask with face shield or mask with goggles, plus gown & gloves)
- Provide a mask for the patient
- Scrub the catheter hub with appropriate disinfectant (chlorhexidine >0.5% with/or 70% isopropyl alcohol) for the recommended time duration (10-15 seconds) and allow it to dry before each access
- Connect catheter to bloodlines aseptically
- Attach new caps aseptically whenever remove

#### 2-Appropriate hemodialysis catheter disconnection

- Perform hand hygiene
- Don proper PPE (mask with face shield or mask with goggles, plus gown & gloves)
- Provide a mask for the patient
- Scrub catheter hub with appropriate disinfectant (chlorhexidine >0.5% with/or 70% isopropyl alcohol) and allow to dry
- Disconnect the catheter from bloodlines aseptically
- Discard tubing in a leak-proof container

#### 3-Appropriate hemodialysis catheter exit site care

- Perform hand hygiene
- Apply skin antiseptic
- Allow skin antiseptic to dry
- Apply dressing aseptically

#### 4-Appropriate dialysis station routine disinfection

- Don proper PPE (as per indication but at least use gloves)
- Ensure that the patient has left the dialysis station before cleaning
- Discard all single-use supplies, clean and disinfect reusable equipment
- Nursing: Clean and disinfect the dialysis station (dialysis machine and bedside table)
- Housekeeping: Clean and disinfect dialysis chair or bed (rails, armrests & mattresses)

# 5-Appropriate hemodialysis injectable medication preparation

- Perform hand hygiene
- Prepare medications in clean designated areas
- Inspect all vials
- Prepare medications using aseptic techniques
- Use a new needle and new syringe to enter all vials
- Discard all single dose vial(s)
- Discard or properly store all multi-dose vial(s)

## 6 – Appropriate hemodialysis injectable medication administration

- Perform hand hygiene (before and after)
- Use proper PPE (gloves)
- Properly transport medication to the patient station
- Disinfect the injection port with an appropriate antiseptic
- Administer medications using aseptic techniques
- Discard syringe at point of use