## **Commencing Dialysis**

using Standard ANTT

(This guideline is use within LUHFT Dialysis areas only)

Side 1 of 2





A red number where need rotecting.



Disinfect hands with alcohol hand rub or soap & water.\*



Disinfect tray or trollev

using a disinfectant wipe§ - creating a General Aseptic Field.



Disinfect hands with alcohol hand rub or soap & water.\*



Gather equipment Place around tray or on bottom of trolley.



Disinfect hands with alcohol hand rub or soap & water.\*



Prepare equipment protecting Key-Parts & Micro Critical Aseptic Fields with non-touch technique (NTT). ▲



Disinfect hands with alcohol hand rub or soap & water.¥

Prepare patient

Assess vascular access device is appropriate and suitable for use, and expose ready for use.

#### Gloves may be required here

Wear gloves if direct contact with blood. bodily fluids, mucous membranes, or nonintact skin is likely.



Place a non-sterile towel beneath the lumens and perform a social clean if a femoral line or visibly soiled.\*



Remove gloves (if worn). & disinfect hands

with alcohol hand rub or soap & water.\*



Don non-sterile aloves & disposable apron.



Remove the cap from the arterial lumen

and scrub the hub. Dispose of used cap.

### 'Scrub The Hub'

- Use a 2% chlorhexidine/ 70% alcohol wipe.§
- Open the wipe fully & use NTT.
- Scrub the hub tip for 15 seconds. creating friction using different areas of the wipe.
- Allow to dry completely (for at least 15 seconds) before use.



Withdraw 5ml blood from the lumen by attaching a

5ml luer lock syringe, using NTT protecting Key-Parts. Dispose of the used syringe immediately.



Assess patency of

**lumen** by attaching a 10ml luer-lock syringe or a pre-filled lumen. Posiflush syringe ▲, using NTT protecting Key-Parts. Leave syringe attached.



Repeat steps 9-11 for the venous



Connect dialysis lines to lumens, using NTT protecting Key-Parts.



Dispose of waste Remove gloves followed by apron) & then immediately...



Disinfect hands with alcohol hand rub or soap & water.\*

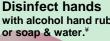
Commence dialysis

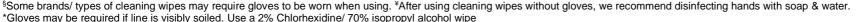


using a disinfectant wipe.§

with alcohol hand rub or soap & water.\*









# **Commencing Dialysis via Central Venous Catheter (Line)**

using Standard ANTT

(This guideline is use within LUHFT Dialysis areas only)

Liverpool University Hospitals
NHS Foundation Trust

Side 2 of 2

### **Required Equipment List**

- X1 yellow tray/trolley
- X2 5ml luer lock syringes
- X2 10ml pre-filled Posiflush syringe OR
- X2 10ml luer lock syringes, x2 drawing up needles, x2 ampules of 0.9% sodium chloride ▲
- X1 non-sterile towel
- X4 2% chlorhexidine and 70% alcohol wipes
- X1 sharps bin
- X1 waste bag

### **▲** Site Specific Risk Assessments

### **Site Specific Risk Assessment**

When assessing patency of lumens, use your clinical judgement and as per patient care plan, to use either a wet or dry syringe.

Indications for using a wet syringe include:

- Sluggish/sticky aspiration
- Known problematic flow
- Recurrent use of urokinase/alteplase (dependent on prescription)
- High pressures on machine.

