

# Discontinuing Dialysis via Central Venous Catheter (Line)

using Standard ANTT

(This guideline is use within LUHFT Dialysis areas only)

Side 1 of 2

##

A red number denotes where **Key-parts** or **Key-sites** need protecting

Preparation zone

1



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

2



**Disinfect tray or trolley** using a disinfectant wipe<sup>§</sup> - creating a **General Aseptic Field**.

3



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

4



**Gather equipment**  
Place around tray or on bottom of trolley.

5



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

6



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

Patient zone

7



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

8



**Place a non-sterile towel** beneath the lumens

9



**Disinfect hands** with alcohol hand rub or soap & water\* and then...  
👆 tap reinfusion on the machine

10



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

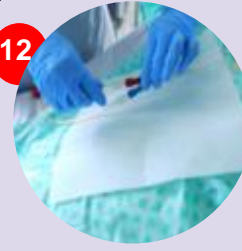
11



**Don non-sterile gloves** & disposable apron.

Disregard steps 12-15 if using the 6008 machine

12



**Disconnect the arterial line.**  
Attach a Posiflush syringe, using NTT protecting **Key-Parts**. Leave syringe attached to arterial lumen.

13



**Connect arterial line to SafeLine** using NTT protecting **Key-Parts**.

14



**Remove gloves & disinfect hands** with alcohol hand rub or soap & water.\* then...  
👆 tap washback on the machine.

15



**Disinfect hands** with alcohol hand rub or soap & water\* and don another pair of non-sterile gloves.

16



**Flush the arterial lumen** with the attached Posiflush, using NTT protecting **Key-Parts**, then instill line lock.

17



**Scrub the hub** of the arterial lumen, and then attach a new cap.

## 'Scrub The Hub'

- Use a 2% chlorhexidine/ 70% alcohol wipe<sup>§</sup>
- 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.

18



**Disconnect the venous line.** Attach a Posiflush syringe to the venous lumen, using NTT protecting **Key-Parts** then connect the venous line to the arterial line.

19



**Repeat steps 16-18 for the venous lumen**  
Wrap gauze around both lumen and secure with tape.

20



**Dispose of waste**  
Remove gloves followed by apron (if worn) & then immediately ...

21



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

Decontamination zone

Turn page...

<sup>§</sup>Some brands/ types of cleaning wipes may require gloves to be worn when using. \*After using cleaning wipes without gloves, we recommend disinfecting hands with soap & water.  
\*Gloves may be required if line is visibly soiled. Use a 2% Chlorhexidine/ 70% isopropyl alcohol wipe

Decontamination zone

22



**Disinfect tray or trolley**  
using a disinfectant wipe<sup>§</sup>

23



**Disinfect hands**  
with alcohol hand rub  
or soap & water<sup>\*</sup>

## Required Equipment List

- **X1 yellow tray/trolley**
- **Appropriate prescribed line lock**
- **x2 3ml luer lock syringes**
- **x2 blunt fill needles**
- **X2 10ml pre-filled Posiflush syringe**
- **X1 non-sterile towel**
- **X4 2% chlorhexidine and 70% alcohol wipes**
- **X1 sharps bin**
- **X1 waste bag**
- **X1 gauze**
- **X1 a length of adhesive tape**

## 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.

<sup>§</sup>Some brands/ types of cleaning wipes may require gloves to be worn when using. <sup>\*</sup>After using cleaning wipes without gloves, we recommend disinfecting hands with soap & water.

\*Gloves may be required if line is visibly soiled. Use a 2% Chlorhexidine/ 70% isopropyl alcohol wipe

