

##

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.\*

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 non-intact skin is likely.



**7**  
**Place a non-sterile towel** beneath the lumens and perform a social clean if a femoral line or visibly soiled.\*



**8**  
**Remove gloves (if worn), & disinfect hands** with alcohol hand rub or soap & water.\*



**9**  
**Don non-sterile gloves** & disposable apron.



**9**  
**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.<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.



**10**  
**Withdraw 5ml blood** from the lumen by attaching a 5ml luer lock syringe, using NTT protecting **Key-Parts**. Dispose of the used syringe immediately.



**11**  
**Assess patency of lumen** by attaching a 10ml luer-lock syringe or a pre-filled Posiflush syringe ▲, using NTT protecting **Key-Parts**. Leave syringe attached.



**12**  
**Repeat steps 9-11 for the venous lumen.**



**13**  
**Connect dialysis lines to lumens**, using NTT protecting **Key-Parts**.



**16**  
**Dispose of waste** Remove gloves followed by apron) & then immediately...



**17**  
**Disinfect hands** with alcohol hand rub or soap & water.\*

Commence dialysis

Decontamination zone



**18**  
**Disinfect tray or trolley** using a disinfectant wipe.<sup>§</sup>



**20**  
**Disinfect hands** with alcohol hand rub or soap & water.\*

<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

## 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.

