### ASEPTIC TECHNIQUE
For Insertion of a Peripheral Vascular Catheter (continued)

#### STEP 13: INSERT PVC
Hold the PVC without touching the part of the catheter that is inserted into the patient, or underneath the injection port cap. Following insertion release tourniquet, remove insertion needle, apply a needle free system if this is to be used. Ensure sharps are disposed of immediately on removal from the patient.

#### STEP 14: APPLY STERILE DRESSING
A sterile dressing should be applied to secure the PVC. Ensure sharps are disposed of immediately on removal from the patient.

#### STEP 15: REMOVE GLOVES AND APRON
Remove gloves first and then apron.

#### STEP 16: PERFORM HAND HYGIENE MOMENT
Perform hand hygiene (WHO Hand Hygiene Moment 3 after body fluid exposure risk or Hand Hygiene Moment 4 after touching a patient) with ABHR, providing hands are visibly clean.

#### STEP 17: DOCUMENT DATE AND TIME
This should include the date and time of insertion, as this will allow for the ongoing maintenance and care of the PVC. Follow local procedure.

#### STEP 18: DOCUMENT PROCEDURE
Complete documentation as per local policy.

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A Handy Pocket Guide

DO YOU KNOW THE LATEST ASEPTIC TECHNIQUE?
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HAI: Education for Infection Prevention and Control
Aseptic Technique
For Insertion of a Peripheral Vascular Catheter

**Indications for PVC Insertion**
- Diagnostics
- Resuscitations
- Medicines
- Fluids
- Transfusions

Discuss with patient to ensure all options are explored.

**Procedure Phases:**
- Preparation
- Aseptic Procedure
- Post Procedure

**Step 1**
**Indications for PVC Insertion**

**Step 2**
**Hand Hygiene Moment 1**

Perform hand hygiene using ABHR (World Health Organisation Hand Hygiene Moment 1 – before touching a patient), providing hands are visibly clean.

**Step 3**
**Prepare Surfaces**

Ensure trolley, and / or tray (sharps safe system) and any other contaminated surfaces involved in the procedure are clean and disinfected following local policy. Remove PPE and carry out hand hygiene.

**Step 4**
**Gather Equipment**

Gather equipment. Check the packaging is intact and not obviously contaminated. Also that the expiry date remains valid.

**Step 5**
**Explain Procedure to Patient**

Explain the procedure to the patient and seek consent. Always introduce yourself to the person and check their identity bracelet. Hand hygiene should be performed after patient contact.

**Step 6**
**Put on Disposable Plastic Apron**

Put on disposable plastic apron to protect the patient and your clothing. Perform hand hygiene before preparing the sterile field.

**Step 7**
**Prepare a Sterile Field**

Open and prepare the sterile equipment without touching the critical parts.

**Step 8**
**Hand Hygiene Moment 1**

Perform hand hygiene using ABHR (World Health Organisation Hand Hygiene Moment 1 – before touching a patient), providing hands are visibly clean.

**Step 9**
**Palpate the Vein**

Apply single use tourniquet and palpate the vein – you must not repalpate following disinfection.

**Step 10**
**Clean the Patient’s Skin**

Ensure patient’s skin is visibly clean – if not wash with soap and water and perform hand hygiene. Ensure that a skin antiseptic wipe containing 70% isopropyl alcohol is used to cleanse the skin and left to dry before insertion. (Note: This does not preclude the use of 2% chlorhexidine in 70% isopropyl alcohol, where local settings choose to do so).

**Step 11**
**Hand Hygiene Moment 2**

Perform hand hygiene using ABHR (World Health Organisation Hand Hygiene Moment 2 – before clean / aseptic procedure), providing hands are visibly clean.

**Step 12**
**Put on Non-Sterile Gloves**

Put on non-sterile gloves. Areas such as neonatal units and oncology units caring for immuno-compromised patients may advocate the use of sterile gloves for the insertion of PVCs. This should be identified locally.