

Invasive Procedure Checklist – LocSSIP

Double Lumen Pressure Injectable Midline

Before the procedure consider the following

- Patient requires device for difficult or prolonged IV access up to 29 days, intended for medication not requiring central venous access, absence of untreated bacteraemia
- Rapid Peripheral Vein Assessment (RaPeVA) performed and suitable vessel identified (if not consider alternate line)
- Best vessel identified by RaPeVA pre-scan (Dominant hand preferable in awake patients, vessel preference Basilic vein and above antecubital fossa)
- Consent Written Verbal Best Interest
- Confirm midline diameter <<45% vessel diameter (4Fr=1.3mm so needs >2.9mm)
- Measure distance of intended insertion site to axillary fold (remeasure after guidewire inserted for final length)
- Confirm platelets >50x10⁹/L and no actual or suspected significant coagulopathy or anticoagulants

Time Out: When scrubbed but before starting

- Confirm correct patient and ideal vessel identified away from artery and nerves
- Confirm no relevant allergies
- Confirm awareness device contains a stylet/stiffening wire which should be withdrawn if device trimmed
- Confirm awareness that tourniquet can be removed after seldinger guidewire inserted
- Confirm catheter pre-flushed and clamp extension leg with stylet/stiffening wire unclamped to avoid damage
- Hand hygiene, gown, gloves and hat and chlorhexidine prep (or alternative if allergy)
- Operator (and or supervisor) of appropriate skill and training¹

¹Novice operators should have serial assessments with 'direct observed procedure' forms until the minimal standard of competence has been achieved.

Sign Out: Confirm completion of these tasks

- Guidewire, stiffening wire and T-lock (as applicable) removed (2-person check to avoid never event)
- Suitable length of proximal midline external (tapered section) and secured as photo with StatLock
- All ports flush and aspirate easily each with at least 10ml of sterile saline using "pulse" or "start/stop" technique and needle free connectors on both ports
- Midline careplan in bedspace (available s drive / critical care / midline folder)
- Prescribe a 10 ml 0.9% Saline flush bd (12 hourly) to each midline port on the regular prescription and 10 ml 0.9% Saline flush to midline (20ml after blood products) after each use on the PRN section

Action/variance:

Initial:

Date:

