

**Local Safety Standards for Invasive Procedure (LocSSIP):  
Prevention of retained guidewire (Central Venous Catheter)**

**Document control:**

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Areas relevant and any exclusions	Areas where anaesthesia is conducted in St Mary's Hospital

**Aims of the LocSSIP and key factors for consideration:**

- **Reduce the risk of guidewire retention following a central venous catheter (CVC) insertion\***
- **To minimise distractions during CVC insertion**

**\*Excluding Peripherally Inserted Central Catheters (PICC) line**

**NatSSIP(s) addressed within this procedural LocSSIP:**

- **4.5.3 Handovers during procedural care**
- **4.7 Safety briefing**
- **4.11 Prevention of retained foreign objects**

**Other relevant/related organisational policies or LocSSIPs:**

- **Central Venous Access Device – Guideline on insertion and nursing management**
- **Retained guidewires for CVC – NPSA Signal 2011**

**LocSSIP details**

**Handovers and information transfer**

- Handover between any members of the procedural team during an anaesthetic procedure should be avoided if possible.

**Safety briefing\***

- The expected duration of each procedure, to include anaesthetic procedures, should be identified. This should promote a discussion about agreed plans if it appears that the duration of the planned procedures will exceed the time allocated. (\*Excluding A&E)

**Organisational responsibilities**

There must be standardised methods for recording the items in use

during a procedure, whether electronic, paper, whiteboard or a combination.

**Equipment management**

- Equipment trays must contain a comprehensive list of the instruments present to enable checking before and after use

**During the procedure**

- Two person process (operator & observer)
- Visual confirmation of guidewire removed by both persons
- Verbal confirmation of guidewire removed by both persons
- Ensure all sharps (hypodermic needles, cannula, introducer needle and blade) are disposed appropriately.
- Procedure trolley should not be cleared until procedure is completed

**After the procedure**

- Documentary confirmation on Cerner of guidewire removal

**Training requirements:**

- **Discussion at departmental audit meeting**
- **Training and inclusion of LocSSIP at every anaesthetic trainee induction**

**Documentation and audit processes:**

- To include processes for feeding back information to organisation's NatSSIPs group
- Audits to ensure adherence to LocSSIP standards

**Development credits:**

**Details of patient involvement:**

- **Serious Investigation Report (59548)**