

Central Venous Access Device (CVAD) Locking Solutions Guidelines (Non-hemodialysis)

NB: These guidelines do not replace sound clinical judgement and professional practice standards. Patient allergy and contraindications must be considered when implementing these.

- All locking solutions are documented on Medication Administration Record (MAR)

➤ **PICCs, tunneled and non-tunneled CVADs**

- Lock with 10 mLs of preservative-free 0.9% sodium chloride.

When not in use:

- Flush and aspirate at least every 7 days with 10mLs of preservative-free 0.9% sodium chloride.
- Lock with additional 10 mLs of preservative-free 0.9% sodium chloride.

➤ **Implanted Vascular Access Devices (IVADs), also known as Implanted Ports**

- Lock with 10 mLs of preservative-free 0.9% sodium chloride.

For accessed but non-infusing devices/ports:

- Flush and aspirate daily with 10mLs of preservative-free 0.9% sodium chloride.
- Lock with additional 10 mLs of preservative-free 0.9% sodium chloride.

When not in use:

- Monthly
 - Flush and aspirate with 10mLs of preservative-free 0.9% sodium chloride.
 - Lock with additional 10 mLs of preservative-free 0.9% sodium chloride.
- Consider extending maintenance flushing and locking to every 3 months with 10 mLs preservative-free 0.9% sodium chloride and 3 to 5 mL heparin (100 units/mL).

➤ **Pediatric CVAD devices**

- As directed/documentated by inserter
- Specific physician orders must be written

➤ **Dialysis catheters:**

- Consult MB Renal Program policies & procedures

*Note: An authorized prescriber may order alternate lock solution depending on specific patient care needs.