

PHYSICIAN'S REFERENCE DOCUMENT - INTRAVENOUS CATHETER PATENCY PROTOCOL ORDER LIST - ADULT, OUTPATIENT (FOR REFERENCE ONLY)

Medications

- ☒ Lidocaine-prilocaine (EMLA) cream, Topical, PRN - Topical Anesthesia, Choose if local analgesia is needed in 45 minutes or more, Starting when released
- ☒ Lidocaine (LMX) 4% cream, Topical, PRN - Choose if local analgesia is needed in 30-45 minutes
- ☒ Lidocaine (PF) 1% injection 1mL, Intradermal, PRN - Use 0.25 mL to 1 mL for IV start

Catheter Care: Peripheral IV and Midline Catheter

- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Flush 3 mL before and after medications/intravenous fluids
- ☒ Sodium chloride 0.9% infusion 20mL/hr, IV, PRN: To be used as a flush solution as needed to minimize the number of times the IV solution is accessed

Catheter Care: Peripheral Inserted Central Catheter

- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Flush each lumen 10 mL before AND after medications/IV fluids and after blood draws
- ☒ Sodium chloride 0.9% infusion 20mL/hr, IV, PRN: To be used as a flush solution as needed to minimize the number of times the IV solution is accessed

Catheter Care: Central Venous Catheter

- ☒ Nursing Communication: Prior to central venous catheter removal, platelet count must be greater than $30 \times 10^9/L$
- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Flush each lumen 10 mL before AND after medications/IV fluids and after blood draws
- ☒ Sodium chloride 0.9% infusion 20mL/hr, IV, PRN: To be used as a flush solution as needed to minimize the number of times the IV solution is accessed

Catheter Care: Implantable Venous Port

- ☒ Sodium chloride *STERILE* flush 0.9% syringe 10mL, IV, PRN: Accessing the Port. Attach the *STERILE* syringe to the needless access device, prime the Huber needle tubing, and flush the port when accessing the port.
- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Flush each lumen 10 mL before AND after medications/IV fluids and after blood draws
- ☒ Heparin flush 100unit/mL injection 500units/5mL, IV, ONCE PRN: Flush before de-accessing port prior to discharge and minimally every 12 weeks if not accessed
- ☒ Sodium chloride 0.9% infusion 20mL/hr, IV, PRN: To be used as a flush solution as needed to minimize the number of times the IV solution is accessed

Catheter Care: Tunneled Central Venous Catheter (Hickman, Broviac, Groshong)

- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Flush each lumen 10 mL before AND after medications/IV fluids and after blood draws
- ☒ Heparin flush 100unit/mL injection 250units/2.5mL, IV, PRN: Flush 2.5mL into each lumen when not in use and every 7 days

Catheter Care: Hemodialysis (HD) – type Catheter (Vascath, Permacath)

- ☒ Sodium chloride flush 0.9% syringe 10mL, IV, PRN: Aspirate 5 mL of blood to remove 1000 unit per mL heparin, DO NOT flush forward until heparin removed. Flush each lumen with 10 mL or until lumen is clear of blood before AND after each use
- ☒ Heparin (DIALYSIS LOCK) 1000unit/mL injection 1,000-3,000 units (1-3mL), Intracatheter, PRN: CATHETER LOCK: Dose per Catheter Capacity: 1.7 - 2 mL. Instill catheter volume + 0.1 mL for each lumen of catheter even when not in use. Repeat for each lumen as necessary. Aspirate lumen length volume of blood from lumen and discard

Procedure

- ☒ Change dressing PRN

Catheter Care: Central Venous Catheter Occlusion

- ☒ Alteplase 2mg, Intracatheter, ONCE PRN: Instill in lumen of occluded catheter over 1 to 2 minutes. Leave in catheter for at least 30 minutes before attempting to aspirate the drug and residual clot with an empty 10 mL syringe. If the catheter is not patent, allow the agent to remain in the catheter for an additional 90 minutes before again attempting to aspirate. Do not infuse into patient. Flush catheter with 0.9% sodium chloride.

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