



PATIENT I.D. DATA:
(name, DOC #, birthdate)

INFIRMARY/EOU ALTEPLASE PRN ADMINISTRATION ORDERS FOR CVAD

Date: _____ Time: _____ Facility: _____

ALLERGIES: _____

Diagnosis: _____

Central venous access device (CVAD) type: _____

CVAD placement date: _____ Location of CVAD: _____

- Alteplase 2 mg by IV infusion if needed to restore function to central venous access device (CVAD)
(follow Nursing Instructions Check List below)
- Vitals: Obtain baseline then every 2 hours (document on DOC 13-010 TPR Graphic Chart)
- Monitor heart rhythm
- Monitor for side effects (bleeding, sepsis, venous thrombosis, bradycardia, ventricular tachycardia, anaphylaxis)
- Notify practitioner if:
 - Temperature is > 103° F (may indicate internal bleeding)
 - Neurologic change occurs (may indicate intracranial bleeding)
 - Signs of hypersensitivity (fever, rash, itching, facial swelling, dyspnea)

Practitioner Signature and Stamp

NURSING INSTRUCTIONS CHECK LIST

Check off each instruction when complete

***** MAKE SURE RED BAG IS AVAILABLE *****

Before administering alteplase: Attempt to restore patency by gently flushing with 10 mL of Normal Saline in a syringe. If catheter continues to flush sluggishly or will not flush at all, attach an empty 10 mL syringe to the CVAD and attempt to gently aspirate blood. If blood cannot be aspirated and patency is not restored, carefully remove the catheter dressing in a sterile manner and check for a kink in the tubing and verify the external catheter length is the same as at insertion.

- Above instructions, “**Before administering alteplase**”, were followed and patency was NOT restored.
- RN preparing and administering the alteplase has the experience, training, and competency to appropriately evaluate the need for the medication and the skill to properly administer the medication and is familiar with the CVAD in use.
- Review record for any signs, symptoms, or complications related to CVAD use
- Prepare alteplase solution:
 - Use aseptic technique; wash hands and apply gloves
 - Withdraw 2.2 ml of sterile water for injection
 - Diluent is NOT included with alteplase
 - Do NOT use bacteriostatic water for injection
 - Inject 2.2 mL of sterile water into the alteplase vial, directing the stream into the powder
 - If slight foaming occurs, let the vial stand undisturbed for several minutes to allow large bubbles to dissipate
 - DO NOT SHAKE
 - Mix by gently swirling the vial until the contents are completely dissolved
 - Reconstituted preparation should be a colorless to pale yellow transparent solution
 - Alteplase does not contain any antibacterial preservative and should be reconstituted immediately before use:
 - The solution may be used for intracatheter installation for up to 8 hours following reconstitution if stored between 36° and 86° F
 - Discard any unused solution

Instructions Check List continued on back

