Holland Hospital

AMBULATORY TREATMENT UNIT

Ambulatory Treatment Unit
Phone (616) 394-3547
Fax (616) 394-2139

Declotting of Central Venous Access Device / Catheter Order Set

Indications for Initiation of Treatment: Initiate orders whenever the blood flow / return FIRST BECOMES sluggish, and/or there is no blood return from the central line.

Contraindications: Active internal bleeding, hypersensitivity to alteplase or any other component of the formulation.

☐ = Optional Order ● = Routine Order (Cross out and initial **BULLETED ORDERS** that do not apply)

ORDERS

Date: _____ **Time:** _____

Patient Name: _____ **Date of Birth:** _____ **Weight:** _____ (kg)

Allergies: _____

Diagnosis Code: (ICD-10): _____ **Diagnosis:** _____

TREATMENTS & PROCEDURES

Initiate orders whenever the blood flow/return FIRST BECOMES sluggish, and/or there is no blood return from the central line (except if contraindication(s) listed above are present).

- Instill Heparin 5 mL (100 units/mL), wait 5 minutes. Attempt to aspirate 5 mL from the access device/line.
- Repeat instillation of Heparin 5 mL (100 units/mL), if line/blood return remains sluggish and/or no blood return. IF HEPARIN INSTILLATION DOES NOT DECLOT THE LINE:
- Instill 2 mL of alteplase 2 mg (Cathflo), then clamp line.
- After 30 minutes, attempt to aspirate alteplase.
- If unable to aspirate, allow alteplase to remain in device.
- May check / aspirate for blood return every 30 minutes, up to 120 minutes.
- Repeat instillation of 2 mL of alteplase 2 mg (Cathflo), one time, a minimum of 120 minutes after the first instillation, if necessary to achieve patent device/catheter.
- If catheter function is restored, ASPIRATE 4 to 5 mL of blood in patients weighing 10 kg or more to remove cathflo and residual clot. Then gently irrigate the catheter with 0.9% Sodium Chloride.
- Excessive pressure should be avoided when cathflo is instilled into the catheter. Such force could cause rupture of the catheter or expulsion of the clot into the circulation.
- If desired, may leave instilled dose of alteplase in Central Line overnight. Label central line clearly that it should not be flushed and contains alteplase. The following day, attempt to aspirate.
- Notify physician if unable to restore blood flow/device function.

☑ PICC line dressing change and maintenance per HH protocol.

☐ Remove PICC line on: _____ (Date)

Provider Signature: _____ Date: _____

Provider Name and Credentials (please print): _____ Time: _____

Office Phone: _____ Office Fax: _____