

# ALTEPLASE, RECOMBIVANT (Activase)(TPA) for Peripheral Arterial Occlusion



20:12.20 – Thrombolytic Agents

## PHARMACY PREPARATION:

- Dilute each alteplase 2 ml vial to a final concentration of 1 mg per ml:
  1. Aseptically withdraw 2.2 ml of Sterile Water for Injection, USP. Do not use Bacteriostatic Water for Injection.
  2. Inject the 2.2 ml of Sterile Water for Injection, USP, into the Cathflo Activase vial, directing the diluent stream into the powder. Slight foaming is not unusual; let the vial stand undisturbed to allow large bubbles to dissipate.
  3. Mix by gently swirling until the contents are completely dissolved. Complete dissolution should occur within 3 minutes. DO NOT SHAKE. The reconstituted preparation results in a colorless to pale yellow transparent solution containing 1 mg per ml of activase at a pH of approximately 7.3.
- Combine 10 mg alteplase with 40ml normal saline to make a final volume of 50ml.

## STABILITY:

- Stable for 24 hours at room temperature after reconstitution and dilution

## ADMINISTRATION:

- Infusion may be used with or without intent of pulse spray.

## INFUSION:

- Continuous infusion at 0.5 mg to 1 mg per hour for up to 24 hours.
- Use of filters or filter needles not recommended
- See table

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Concentration: 0.2 mg per ml	
Drug Dose Rate	Infusion rate (ml per hr)
0.5 mg per hour	2.5
1 mg per hour	5