

MOPETT Protocol for Sub-Massive Pulmonary Embolism

Reference: J Cardiol 2013;111:273

Use for sub-massive PE with large clot burden (≥ 2 lobes or main pulm artery)

Patient should have received enoxaparin or be on a heparin drip

Alteplase Dosing

for patients ≥ 50 kg

10 mg IV Push over 1 minute

followed by

40 mg over 1 hour

for patients < 50 kg

Total dose 0.5 mg/kg

Administer 10 mg IV Push over 1 minute

followed by

remainder of total dose over 1 hour

Heparin Drip Dosing during Alteplase Administration

At start of Alteplase administration, lower heparin drip to 10 U/kg/hr

Three hours after completion of Alteplase infusion, increase heparin drip to 18 U/kg/hr

No dosing changes need be made if enoxaparin was chosen for anticoagulation

Nursing Instructions

Neuro checks Q15 Minutes

Avoid invasive procedures when possible (foley, new-stick blood draws, arterial blood gases)