# Pulmonary Embolism Order Set

## Procedural

**Procedure Order**

* Case Request for pulmonary embolism thrombolysis/thrombectomy
* Diet: NPO
* Level of Care: ICU bed request

**Labs**

* CMP [STAT]
* CBC [STAT]
* PT/INR/PTT [STAT]
* Fibrinogen [STAT]
* Type and Screen [STAT]

**Medications**

* Alteplase Pharmacy Consult (confirm eligibility for pharmacy, e.g. review absolute/relative contraindications)
* Alteplase (medication order) [STAT]:
  + Dose: 0.48 mg/hr (if two sites) OR 0.96 mg/hr (if one site)
  + Concentration: **8 mg/L** | 16 mg/L | 32 mg/L | 64 mg/L
  + Duration: 12 hours
* Heparin infusion: 600 units/hour (no bolus)
  + Anti-Xa > 0.3, then decrease by 50% and recheck anti-Xa in 3 hours
  + May return to full AC (normal RN protocol) after TPA has finished

## Post-Procedure

**Nursing**

* Diet: clear liquid diet
* Activity: strict bed rest, HOB at 30 degrees after 6 hours
* VS: q15min x 4, q30min x 4, q1hr x 4
* Neuro checks: q4h
* Assessment: bleeding/hematoma at puncture site
* Assessment: urine/stool for blood (visual)
* BP: SBP goal 100-140 (call MD if not)
* No placement of CVL/IV/IM/SQ/AL/NGT/Foley while on thromboytics

**Labs**

* CBC: q4h x 4
* PT/INR/PTT: q4h x 4
* Fibrinogen: q4h x 4