

*See Table

Dosing for PE	tPA
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Contraindications for tPA

Nο	contra	aindi	ication

0.5 mg/kg with max of 50 mg tPA over 2 hours

High-Risk Submassive PE

Relative contraindication

25 mg tPA at rate of 1 mg/hour

Absolute contraindication

No tPA Interventional Therapies

No contraindication

100 mg tPA over 2 hours

Massive PE

Relative contraindication

50 mg tPA over 2 hours Interventional Therapies

Absolute contraindication

No tPA Interventional Therapies VA ECMO

- Age > 75 years old
- Current use of anticoagulation
- PE in pregnancy
- Noncompressible vascular punctures

Relative

- Recent (2-4 weeks) internal bleeding
- History of chronic, severe, or poorly controlled HTN
- Dementia
- Remote (>3 months) ischemic stroke
- Major surgery within 3 weeks

 Any prior intracranial hemorrhage

Absolute

- Known intracranial AVM
- Known malignant intracranial neoplasm
- Ischemic stroke within 3 months
- Suspected aortic dissection
- Active bleeding or bleeding diathesis
- Recent surgery on spinal canal or brain
- Recent closed head or facial trauma with fracture or brain injury

sPESI Criteria: age > 80 years, history of cancer, history of chronic cardiopulmonary disease, HR >110 bpm, systolic BP < 100, O2 saturation < 90

Hestia Criteria: hemodynamically unstable, thrombolysis or embolectomy needed, active bleeding/high risk for bleeding, > 24 hours on supplemental O2 to maintain > 90% saturation, PE diagnosed while on anticoagulation, severe pain requiring IV pain meds > 24 hours, creatinine clearance < 30, severe liver impairment, pregnant, documented HIT, medical or social reason for admission > 24 hours