

## Alteplase (tPA) for Pulmonary Embolism (Intravenous) [5182]

INDICATION: Massive or sub-massive pulmonary embolism with evidence of hemodynamic instability. Per physician assessment, the benefit of administering alteplase outweighs the risk of bleeding complications.

DO NOT PROCEED IF THE PATIENT HAS ANY OF THESE CONTRAINDICATIONS:

- \*Active internal bleeding or bleeding diathesis
- \*Recent stroke, serious head trauma and intracranial or intraspinal surgery
- \*Intracranial conditions that may increase bleeding risk (e.g. some neoplasms, arteriovenous malformations, or aneurysms)
- \*Current uncontrolled hypertension (SBP > 185 mmHg or DBP > 110 mmHg)

## Nursing

### Nursing

<input checked="" type="checkbox"/> Vital signs - T/P/R/BP	STAT, Every 15 min Every 15 minutes until the end of infusion, then per unit protocol
<input checked="" type="checkbox"/> Neurological assessment	STAT, Every 15 min Assessment to Perform: Every 15 minutes until the end of infusion, then per unit protocol
<input checked="" type="checkbox"/> Notify provider for signs/symptoms of bleeding (e.g. epistaxis, gastrointestinal hemorrhage, hematoma, hematuria, bloody nasogastric aspirate etc.), severe headache or neurological deterioration	Routine, Until discontinued, Starting S
<input checked="" type="checkbox"/> Notify provider if SBP > 185 mmHg or DBP > 110 mmHg	Routine, Until discontinued, Starting S
<input checked="" type="checkbox"/> No NSAIDs INcluding aspirin	Routine, Until discontinued, Starting S For 3 Hours Reason for "No" order: alteplase infusion for pulmonary embolism ONLY DURING ALTEPLASE INFUSION

## Medications

### Medications

<input checked="" type="checkbox"/> alteplase (ACTIVASE) infusion + Hold heparin infusion order	<b>"And" Linked Panel</b>
<input checked="" type="checkbox"/> alteplase (ACTIVASE) infusion	intravenous, for 2 Hours, once
<input checked="" type="checkbox"/> Hold HEParin infusion	1 each, Other, continuous HOLD anticoagulation (e.g., heparin, enoxaparin) DURING alteplase administration. Recheck PTT after alteplase administration. Anticoagulation can be resumed when PTT is below 1.5 - 2 times normal. Notify pharmacist and provider for instructions.

## Labs

### Labs - Baseline

Prior to alteplase infusion - If not already ordered

<input type="checkbox"/> CBC hemogram	STAT For 1 Occurrences
<input type="checkbox"/> Prothrombin time with INR	STAT For 1 Occurrences
<input type="checkbox"/> Partial thromboplastin time, activated	STAT For 1 Occurrences
<input type="checkbox"/> Fibrinogen	STAT For 1 Occurrences

### Labs - Follow-up

<input checked="" type="checkbox"/> Prothrombin time with INR	Once, Starting H+2 Hours Obtain after alteplase infusion is complete
<input checked="" type="checkbox"/> Partial thromboplastin time, activated	Once, Starting H+2 Hours For 1 Occurrences Obtain after alteplase infusion is complete

<input checked="" type="checkbox"/> Fibrinogen	Once, Starting H+2 Hours For 1 Occurrences Obtain after alteplase infusion is complete
<input checked="" type="checkbox"/> CBC hemogram	Every 12 hours, Starting H+12 Hours For 2 Occurrences

## Imaging

### Imaging

<input type="checkbox"/> CT Head Wo Contrast	Routine, 1 time imaging, Starting S at 1:00 AM For 1
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