RETU Pulmonary Embolism Pathway

ED Evaluation

Required testing prior to RETU Admission

- CBC
- Basic Metabolic Panel
- PT/INR aPTI
- Trop. BNP
- CT Angio Chest (or V/Q Scan)
- Doppler US results (as indicated
- Pregnancy test (appropriate age female)

Not appropriate for RETU

- Hypoxemia
- Vital sign abnormality (tachycardia, hypotension, or orthostatic vital sign changes
- History of chronic cardiopulmonary disease (eg, CHF, CAD, COPE
- · Cardiac arrhythmias of immediate concern
- RV dysfunction/strain (eg, by echo or EKG)
- Positive cardiac biomarker (positive trop or elevated BNP
- · Patient at high risk for hemorrhage on anticoagulation (eg, active bleeding
- Limb-threatening thrombosis
- Thrombolysis or pharmacomechanical thrombectomy needed
- IVC filter placement needed
- Pregnancy with delivery planned
- Contraindication to outpatient use of anticoagulation medication

RETU Intake Evaluation

(do not repeat testing if already done in FD)

Exam Focus

- Cardiopulmonary
- Vascular

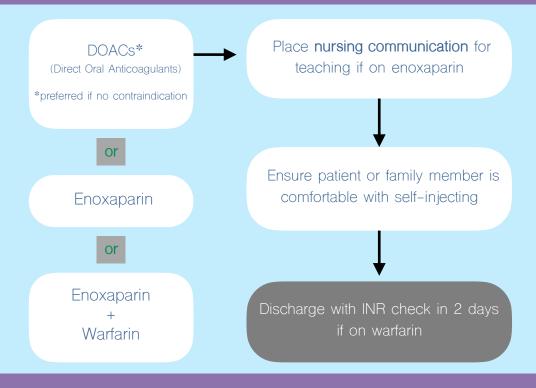
Initial Testing

- Labs: CBC, BMP, PT/PTT (others as clinically indicated)
- Imaging: Transthoracic echocardiogram

Monitoring

- Vital signs q4h
- Telemetry, Continuous pulse ox (as indicated)

RETU Treatment / Evaluation



DOACs*

- Rivaroxaban 15mg PO bid x21 days
- Apixaban 10mg PO bid x7 days
- *Ensure insurance can fill medication b calling pharmacy after prescribing or involving social work

Enoxaparin

- 1 mg/kg SC g12h
- Alt: 1.5 ma/ka SC daily

Warfarin

 2-5mg PO daily on day 1-2 of parenteral anticoagulation

Disposition Guidelines

Discharge from RETU

- · No deterioration in clinical status
- No development of criteria for admission (as per exclusion criteria)
- · Acceptable vital signs
- Pain absent or managed
- · Outpatient anticoagulation plan established

Admission to Hospital

- RV dysfunction found on echocardiogram
- Unstable vital signs/other deterioration of clinical status
- Anticoagulation not tolerated (i.e. bleeding, allergic reaction)
- Unable to satisfy follow-up requirements
- Unsafe home environment/inability to adhere as determined by social work/case management
- Intractable pain