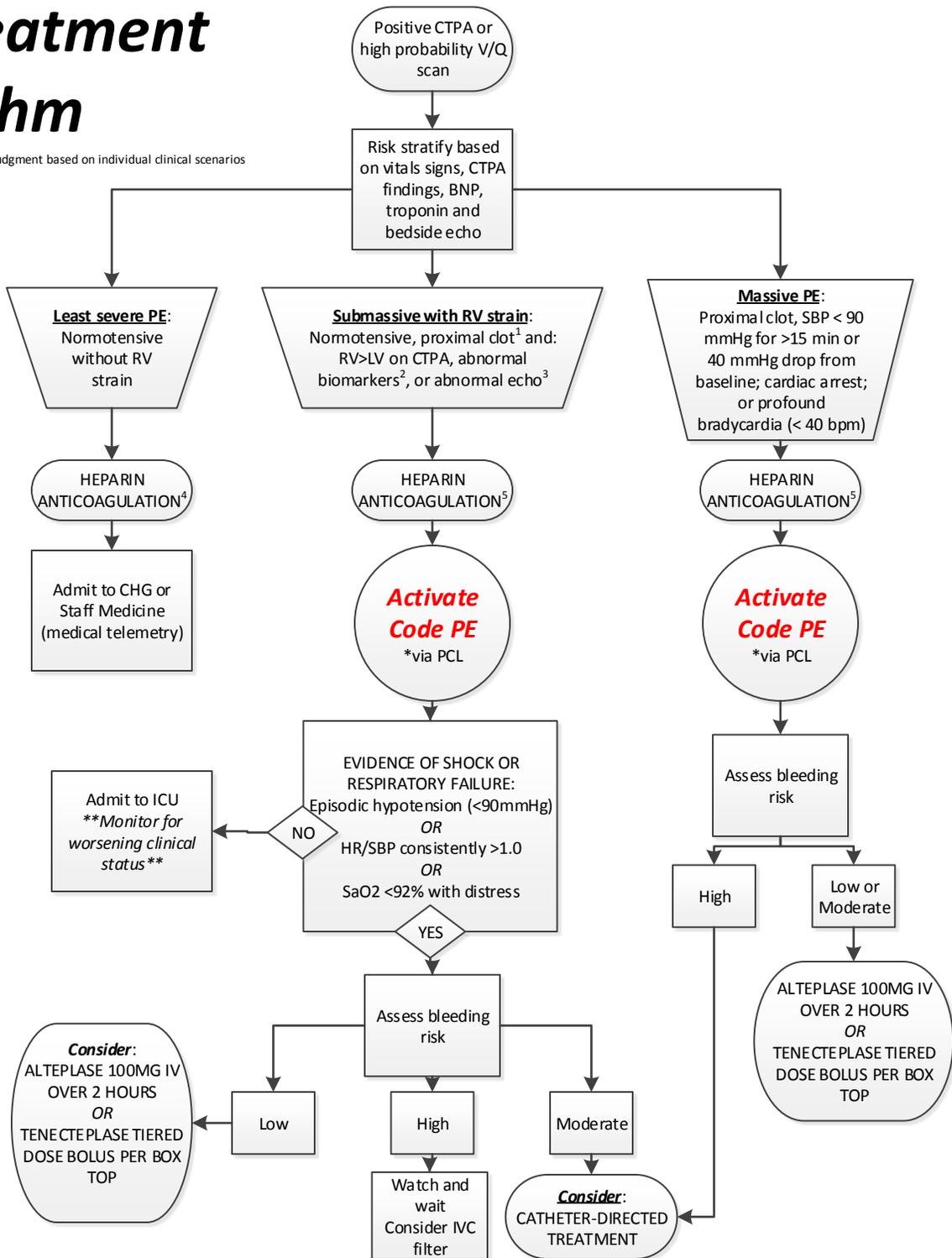


Code PE Treatment Algorithm

*Algorithm is meant to be a guide. It does not replace physician judgment based on individual clinical scenarios

- High Bleeding Risk:**
1. Gastrointestinal bleeding within previous 30 days
 2. Life threatening hemorrhage in any of the following sites at the time of diagnosis: intraperitoneal, retroperitoneal, pulmonary, uterine, bladder, or nose
 3. Head trauma causing loss of consciousness within previous 7 days
 4. Any history of hemorrhagic stroke
 5. Ischemic stroke within the past year
 6. History of intraocular hemorrhage
 7. Known or suspected intracranial metastasis
 8. Known inherited or acquired bleeding disorder, e.g., hemophilia, platelet count < 100,000/uL, or liver failure with prothrombin time abnormal (INR >1.7)
 9. Surgery that required opening of the chest cavity, peritoneum, skull or spinal canal within the previous 14 days
 10. Pregnancy
 11. Large pericardial effusion

- Moderate Bleeding Risk:**
1. Age >75
 2. Dementia
 3. Surgery more than 30 days but less than 60 days
 4. Any prior stroke or symptoms suggesting transient ischemic attack in the past 30 days
 5. Any prior gastrointestinal bleeding
 6. Current use of a thienopyridine (clopidogrel, ticlopidine)
 7. INR >1.7 from warfarin use
 8. Any metastatic cancer, recent tongue bite, recent fracture, recent fall with head strike
 9. History of hematuria, nosebleeds, recent dental extraction, or orthopedic surgery
 10. Severe uncontrolled hypertension on initial exam: SBP > 180 or DBP > 100



- Annotations:**
1. Proximal clot: Filling defect in lobar or more proximal artery
 2. Abnormal biomarkers: Brain natriuretic peptide > 90 pg/mL and/or POC troponin ≥ 0.07 ng/mL
 3. Abnormal echo findings include: dilated and/or hypokinetic RV, septal flattening or bowing
 4. LMWH 1 mg/kg subq preferred. Alt: unfractionated heparin 80 U/kg bolus then 18 U/kg/h to maintain PTT 2.0-2.5
 5. If IV thrombolysis or catheter-directed treatment anticipated, begin unfractionated heparin drip (60 U/kg bolus then 12 U/kg/h to maintain PTT 1.5-2.0)
- **Stop heparin drip during administration of thrombolytic. Restart when PTT ≤ 2.0**