HEPARIN ANTI-COAGULATION IN THE INJURED PATIENT

Unfractionated Heparin in Trauma

Indication

- Treatment of acute PE or DVT with contraindication to LMWH/Xa-Inhibitor
- Acute STEM/INSTEMI
- Factor V Leiden deficiency with history of DVT
- Mechanical heart valve
- Chronic A-fib or VTE with contraindication to LMWH/Xa-Inhibitor

Evaluate for Bleeding Risk

- Physical exam
- Review recent imaging and problem list for injuries with high-risk of bleeding
  - RP/Pelvic hematoma
  - Solid organ injury ≥ Grade III
  - Intracranial hemorrhage

Therapy

- Review available heparin protocols – some patients may need bolus and/or be safe for boluses
- Stable Hb x 24 hours / no blood transfusions
- Follow protocols / order sets with regard to lab monitoring – H/H, PLT, PTT

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Updated 3/6/2019