

"Other" VTE Risk Factors

ACUTE CONDITIONS

- COVID-19 requiring admission (see [COVID-19 Clinical Pathway](#))
- Multisystem inflammatory syndrome in children (MIS-C)
- Patient in ICU
- Acute infection either:
 - Known active viral infection
 - Current antibiotic treatment
- Burns
- Major lower extremity orthopedic surgery
- Major trauma
- Lower extremity central venous catheter
- Pregnancy
- Active cancer
- Spinal cord injury
- Acute inflammation
- Severe dehydration
- Protein-losing disorder

CHRONIC MEDICAL CONDITIONS

- Estrogen containing medications
- Obesity
 - Weight > 80 kg in age 12-16
 - Weight > 85 kg over age 16
- Inflammatory bowel disease
- Malignancy
- Nephrotic syndrome
- Known acquired or inherited thrombophilia
- Cyanotic heart disease or low flow states

HISTORICAL FACTORS

- Surgery within last 30 days
- Previous history of DVT/PE
- Family history of VTE in 1st degree relative < 40 yrs

CONTRAINDICATIONS TO ANTICOAGULATION

- Intracranial hemorrhage
- Infants at high risk for IVH/intracranial hemorrhage
- Ongoing and uncontrolled bleeding
- Uncorrected coagulopathy
- Incomplete spinal cord injury with suspected or known paraspinous hematoma
- Allergy to UFH or enoxaparin
- Heparin induced thrombocytopenia
- Thrombocytopenia
- Acute stroke or brain ischemia
- Inability to maintain platelet count above 30,000/mcL
- Epidural anesthesia
- Risk of invasive procedure within 24 hours
- Congenital bleeding disorder
- Uncontrolled severe hypertension
- Intracranial mass

- [Concern for Pulmonary Embolism](#)
- [Alteplase dosing](#)

The provider must document, if the patient does not receive the therapies indicated by this algorithm.

Definitions

Altered Mobility: refers to either a permanent or temporary state in which the patient has a limitation in independent, purposeful physical movement of the body or of one or more extremities

Levels of Risk:

Low: patient has no VTE Risk Factors and is able to ambulate

Moderate: baseline mobility and 1 or more risk factors OR altered mobility and 0 to 1 risk factor

High: patient has at least two VTE Risk Factors and is either immobile or has impaired physical mobility

