"Other" VTE RISK FACTORS
ACUTE CONDITIONS
- 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
- Ongoing and uncontrolled bleeding
- Uncorrected coagulopathy
- Incomplete spinal cord injury with suspected or known paraspinal hematoma
- Allergy to UFH or enoxaparin
- Heparin induced thrombocytopenia
- Thrombocytopenia
- Acute stroke or brain ischemia
- Platelet count < 50,000 / mcL
- Epidural anesthesia
- Risk of invasive procedure within 24 hours
- Congenital anemia disorder
- Uncontrolled severe hypertension
- Intracranial mass

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

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

VTE Risk Assessment & Prophylaxis Algorithm

Is the pt. undergoing anesthesia for > 60 minutes?
- Yes
  - Initiate sequential compression device
- No

Is the pt. > 12 years?
- Yes
  - MODERATE RISK
    - Intervention:
      - EARLY AMBULATION
      - MECHANICAL PROPHYLAXIS
      - Sequential compression device
- No

Does the pt. have > 1 (one) "other" VTE Risk Factor?
- No
  - LOW RISK
    - Intervention:
      - EARLY AMBULATION
- Yes

Is the pt. experiencing altered mobility?
- Yes
  - Does the pt. have > 1 (one) "other" VTE Risk Factor?
    - Yes
      - HIGH RISK
        - Intervention:
          - MOBILITY AS TOLERATED (Active or Passive)
          - MECHANICAL PROPHYLAXIS
          - Sequential compression device
        - Contraindication to anticoagulation?
          - No
            - Intervention:
              - Mobility as tolerated (Active or Passive)
              AND
              - MECHANICAL PROPHYLAXIS
              - Sequential compression device
              - CONSIDER:
                - PHARMACOLOGIC PROPHYLAXIS
          - Yes

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