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## DVT Prophylaxis in the Adult Trauma Patient

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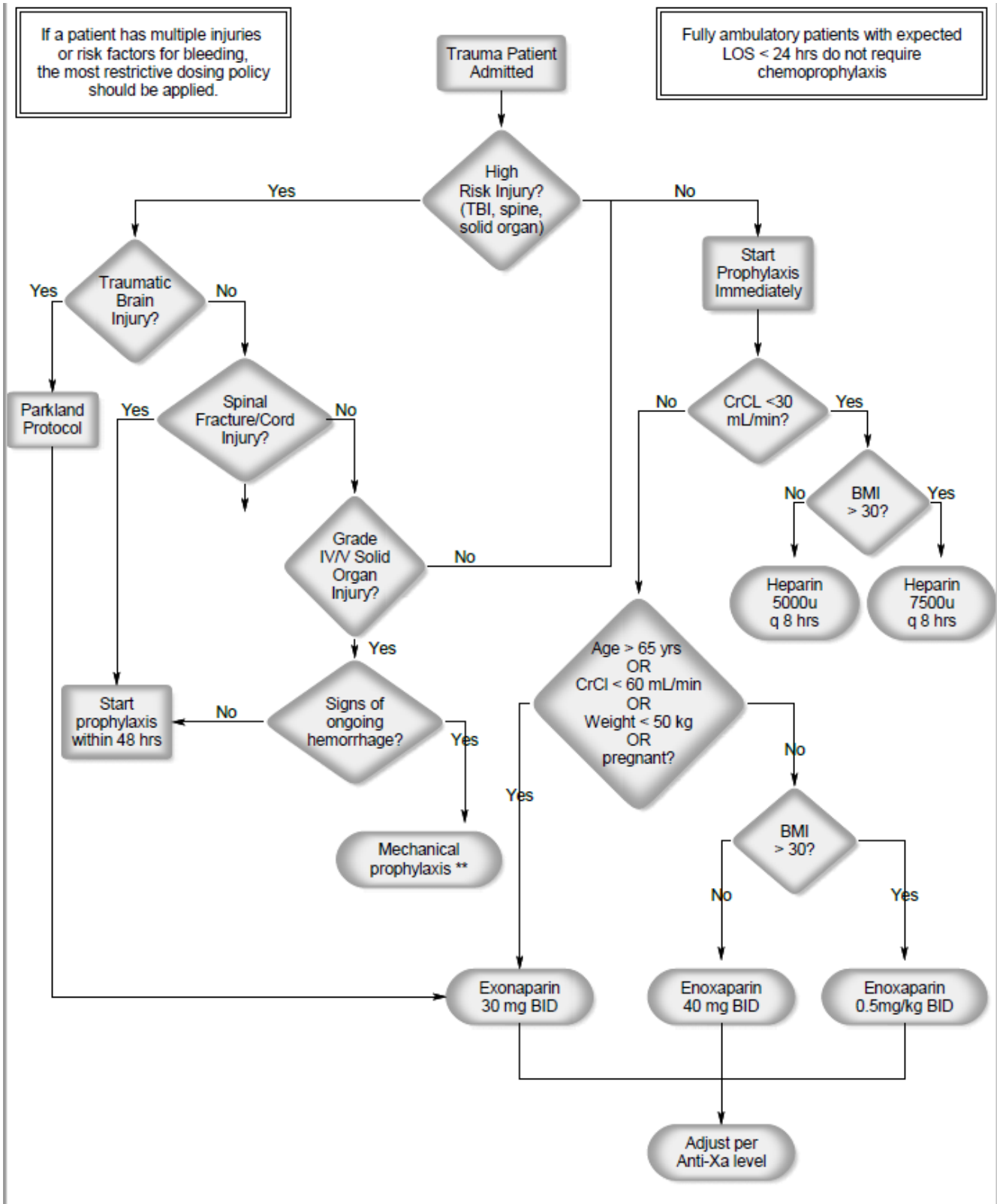
**Purpose:** To provide guidelines for DVT prophylaxis in the adult trauma patient

**Definitions:** Adult is defined as a patient greater than or equal to 16 years of age

**Guidelines:**

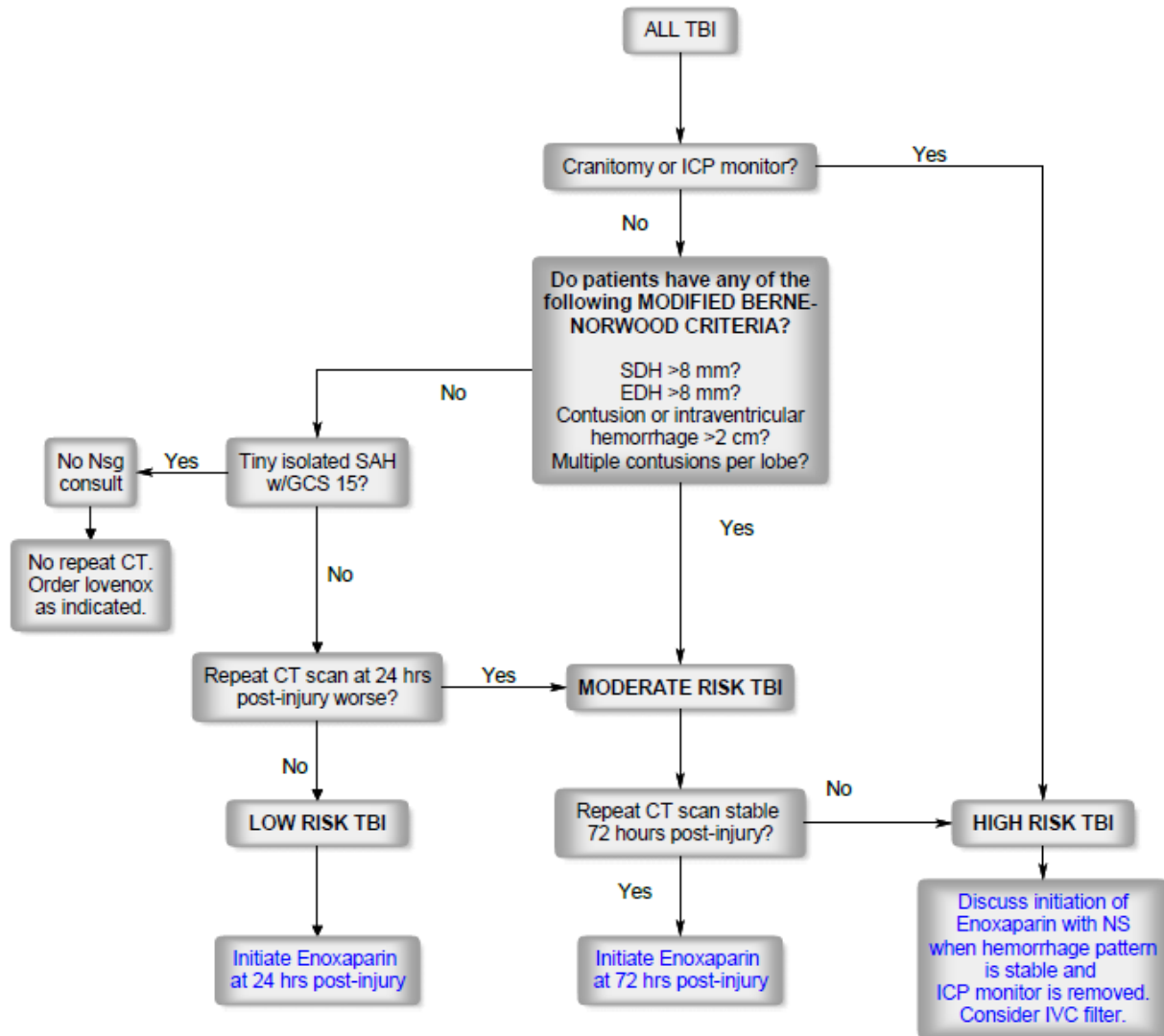
- A. Chemical DVT Prophylaxis
  - a. Should be initiated within the first 24 hours after patient arrival
  - b. Contraindications may include
    - i. Patients with active bleeding, coagulopathy, or anticoagulation at time of admission and not reversed
    - ii. Patients who are ambulatory with anticipated discharge within 24 hours of arrival
    - iii. Refer to flowchart marked Attachment A
- B. Solid Organ Injuries
  - a. Consider chemical DVT prophylaxis within 24 hours of admission when Hgb stabilizes
  - b. Refer to Non-Operative Management of Liver / Splenic Injuries and Operative Management of Liver / Splenic Injuries guidelines
- C. Chemical DVT Prophylaxis
  - a. Should be considered after intracranial hemorrhage if repeat head CT shows stability or improvement with hemorrhage
    - i. See Parkland Protocol flowsheet marked Attachment B
  - b. Should be considered for up to 35 days post discharge for patients with major spine and spinal cord injury, major pelvic fractures, hip fractures, and femur fractures
    - i. To be managed by Orthopedic or Neurosurgical specialist as appropriate
    - ii. ASA is not considered DVT prophylaxis for these patients
- D. Vena cava filters should be reserved for those patients at extremely high risk of complication from DVT chemoprophylaxis for a prolonged period and cannot be clinically anticoagulated

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American Association for the Surgery of Trauma/American College of Surgeons-Committee on Trauma Clinical Protocol for inpatient venous thromboembolism prophylaxis after trauma. See References for additional information.

The Parkland Protocol



If Nsg signs off case, TS can initiate prophylactic enoxaparin.

If positive for DVT/PE, consider placement of IVC filter if therapeutic anticoagulation is contraindicated.

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