

Hemorrhage Management

History:

- Time and mechanism of injury
- Penetrating / Blunt / Amputation
- Location of injury
- Open vs. closed wound / fracture
- Past Medical History
- Medications

Signs & Symptoms:

- Massive External Bleeding
- Altered Mental Status
- Pale, Moist, & Cool Skin
- Hypotension

SBP <90 mmHg

MAP < 65 mmHg

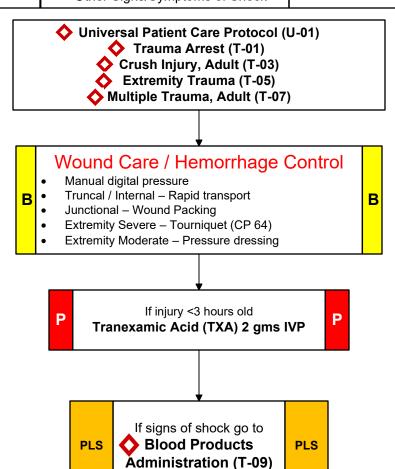
Pulse > 110 bpm

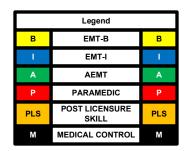
EtCO2 < 20 mmHg

Other Signs/Symptoms of Shock

Differential Life Threats:

- Control External Hemorrhage
- Prevent Hypothermia





Pearls:

- Trauma Activation needs to be made as soon as possible.
- See Trauma Triage Destination Protocol (T-08) for criteria when declaring trauma activation.
- Record "Trauma Activation" in patient record.
- If patient meets Trauma Activation criteria interventions should be preformed enroute. Minimize scene time.
- Severe bleeding from an extremity not rapidly controlled by direct pressure may necessitate the application of a tourniquet.
- Permissive hypotension should be used in the absence of neurologic injury. If suspected neurologic injury maintain SBP ≥ 90.

