

Fairview Southdale

Level III Trauma Activation Criteria

Full Activation Criteria

(30 minute response time REQUIRED from Surgeon)
TEAM = ED MD, ED RN, Flying Squad RN, ERT, Surgeon, Anesthesia or CRNA, Radiology, Lab, HUC, Pharmacy, PPM

Penetrating Trauma to head, neck or torso

Evidence of hemorrhagic shock indicated by:

- Systolic BP <90 mmHg at any time (or age specific hypotension in pediatrics – see below)
- Persistent heart rate >120 (or age specific tachycardia in pediatrics – see below)
- Shock index >1 in adults (HR>SBP)
- Positive abdominal or cardiac FAST exam
- Provider impression of hypo-perfusion

Consider: absent distal pulses, agitation, anxiety, confusion, delayed capillary refill, diaphoresis, pallor, tachypnea

Age specific hypotension		Age specific tachycardia	
Age	SBP mmHg	Age	HR
0-2 yr	≤60	<2 yr	>180
2-10 yr	≤70 + (2x age in years)	2-5 yr	>160

Respiratory distress, airway obstruction or intubation with mechanism related to Trauma (example: drowning, hanging)

GCS <8 attributed to a traumatic mechanism

Arterial tourniquet applied

Pregnancy >20 weeks with vaginal bleeding or contractions attributed to traumatic mechanism

Traumatic amputation proximal to the wrist/ankle

Mangled, pulseless or crushed extremity

Emergency Medicine discretion- **used to upgrade only.**

Partial Activation

(does not require response from Surgery)
TEAM= ED MD, ED RN, FS RN, ERT & LAB, Radiology

Open femur fx

Fall > 15 feet in patients >10 yrs

Fall > 2 x height in pediatrics < 10 yrs

Burns > 20% TBSA

GCS 9-12 attributed to a traumatic mechanism

Focal Neurological deficit related to trauma

Emergency Medicine discretion-**used to upgrade only**

Trauma Evaluation

- General Surgery consults for disposition regarding patients with a significant mechanism injury or multi-system trauma that do not meet TTA criteria.
 - **ED MD to document Trauma Evaluation within EPIC note**

Identified Injury without TTA

The General Surgeon must respond and evaluate the patient within **one hour** of discovering any of the following conditions resulting from trauma unless the patient has been transferred

1. **Once the following injuries are diagnosed, ED MD to document time and notify trauma surgeon.**
2. **Trauma surgeon to respond and document consult time in EPIC.**

- Serum lactate >5.0 mmol/L
- Solid organ injury
- Fluid in the abdomen
- UNTREATED hemothorax or pneumothorax requiring thoracostomy
- Cardiac or major vessel injury