

UCH Trauma Alert/Activation Criteria

TRAUMA ACTIVATION	
1. Physiologic	✓
a. Airway: Unstable airway, intubated or assisted ventilation	
b. Confirmed hypotension	
i. ANY trauma with a confirmed Systolic Blood Pressure (SBP) \leq 90mmHg (or SBP considered hypotensive if $<$ 10 y/o)	
ii. Or SBP \leq 110 if \geq 65 years old	
c. Glasgow Coma Score (GCS) $<$ 9	
d. Transfer patients from other facilities receiving blood en route to maintain vital signs	
2. Anatomic	
a. GSW injury to neck, chest, abdomen or extremity proximal to elbow or knee	
b. Mass casualty incident (\geq 3 victims meeting alert criteria)	
c. Mechanically unstable pelvic injury (open or obvious by physical exam)	
d. Amputation or mangled extremity proximal to the ankle or wrist	
3. TACS staff, EM attending OR senior resident may upgrade patients with concerning findings or for need for additional resources at their discretion	

TRAUMA ALERT	
1. Physiologic	✓
a. Heart rate \geq 120	
b. GCS \leq 13 and \geq 9	
2. Anatomic	
a. Stab wound to neck, torso or groin in absence of hypotension	
b. Open or depressed skull fracture, penetrating skull injury	
c. New focal neurologic deficit ; i.e., paralysis, sensory deficit, suspected spinal cord injury	
d. Pelvic fracture confirmed radiographically	
e. \geq 2 closed long bone fractures	
f. Open long bone fracture	
g. Partial, deep partial or full thickness (“2 nd or 3 rd degree”) burn \geq 10% BSA from the scene	
h. Flail chest	
i. Positive FAST exam in the setting of trauma	
3. Mechanism/Patient Factors	
a. High energy electrical injury from the scene	
b. Age \geq 65 and significant mechanism , excluding ground-level fall	
c. Anticoagulated patient or patient with intrinsic bleeding disorder with significant mechanism , excluding ground-level fall (includes warfarin, new oral anticoagulants and clopidogrel, but not ASA or NSAIDs alone)	
d. The Charge RN, TACS staff or EM attending or senior resident discretion with high-risk mechanism or patient considerations; e.g.:	
i. Mechanism: Ejection; unrestrained rollover; death in same vehicle; extrication time $>$ 20 minutes; high-speed, auto-ped or auto-bicycle ($>$ 20 mph); MCC $>$ 20 mph and unhelmeted or separation; fall from height ($>$ 20 feet); ATV or equestrian separation or rollover	
ii. Patient factors: $>$ 20 weeks gestation; multiple medical co-morbidities	

Update 6/19

All criteria should be associated with traumatic mechanism.

Page should be sent as early as possible and based upon EMS report if criteria met.

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