

# Trauma Alert Activation Criteria

## Alpha Criteria:

- Confirmed blood pressure < 90 mmHg in adults, < 110 mmHg in the elderly (>65 years), & age-specific hypotension in children (<15 years) per the Broselow Tape
- GCS ≤ 8 that is associated with any traumatic injury
- ALL penetrating wounds to the neck, chest, abdomen, or extremities proximal to the elbow knee
- Patients transferring from other hospitals who are receiving blood products to maintain hemodynamic stability
- All patients with respiratory instability with or without an established airway or who required intubation at the scene (does NOT include patients intubated at another facility who are now stable)
- Open or depressed skull fracture
- Paralysis or spinal cord injury
- Pelvic instability
- Amputation proximal to wrist or ankle
- Degloved, mangled, or pulseless extremities
- Ejection from an enclosed vehicle (such as a car or truck)
- Burn ≥ 30%
- Emergency physician/hospital provider judgement

## Bravo Criteria

- Does not meet alpha criteria
- Intubated, stable trauma transfers that do not meet physiological Alpha criteria
- Flail chest
- Lower extremity proximal long bone fracture and/or limb lengthening/shortening (does NOT include transfers with imaging)
- Falls:
  - Age <15 years – fall greater than 10 feet or 2x patients' height
  - Age ≥ 15 years – fall ≥ 20 feet (one story = 10 feet)
- High risk vehicle collision:
  - Intrusion into patient >12 inches
  - Intrusion into any part of the vehicle >18 inches
  - Vehicle rollover
  - Death of another occupant in the vehicle
  - Prolonged extrication (>20 minutes)
- Auto vs pedestrian
- Any type of motorized vehicle crash > 20 MPH (motorcycle/bicycle/ATV)
- Ejection from motorcycle/ATV or animal striking a fixed object with momentum
- Blast or explosion
- Suspicion for hypothermia, drowning, or hanging secondary to a trauma mechanism
- Suspected non-accidental trauma at ED attending discretion
- Blunt abdominal injury with firm or distended abdomen and/or + seatbelt sign
- High speed (≥ 30 MPH) MVC in pregnant patient ≥ 20 weeks
- Emergency physician/hospital provider judgement

***\*Pediatric alpha or pediatric bravo alerts will be called on all patients meeting activation criteria who are <15 years old.***