

Level 1 Trauma

Physiologic Criteria:

- Traumatic Cardiopulmonary arrest
- GCS ≤ 12 **OR** GCS < 14 currently taking anticoagulants (ASA and Plavix included)
- Any confirmed SBP ≤ 100 from scene to WMC arrival
- Any patient with a HR $>$ than SBP
- Respiratory distress (rate ≥ 10 or ≥ 29) **AND/OR** airway compromise
- Any ongoing blood or blood products transfusing for hemodynamic maintenance
- ANY and **ALL** intubated patients- **OR**-patients in need of emergent airway

Anatomic Criteria:

- Penetrating injury to the head, torso, neck, or groin area
- Uncontrolled external bleeding
- Clinically **unstable** pelvic fractures: Diastasis symphysis pubis ≥ 5 cm; SI joint widening; Butterfly fragment fracture (all 4 pubic rami fractured), base deficit ≥ 10
- **Two or more** long bone fractures
- Amputations of any extremity (excluding digits)
- Poly-Trauma (**2 or more** involved systems)
- **ALL PREGNANT PATIENTS ≥ 28 weeks** gestation after major trauma
- Significant Burns $\geq 15\%$ TBSA associated with trauma injury (including inhalation injury)
- High Speed Collision (≥ 30 MPH) Age ≥ 65 years of age with gross injury
- Spinal Cord injury/paralysis

Level 2 Trauma

Mechanism of Injury:

- High Speed Collision (≥ 30 MPH) **without** gross injury
- Unrestrained Passenger involved in a rollover
- Pedestrian, motorcycle or bicycle impacted at ≥ 20 MPH
- Falls ≥ 10 feet-**OR**-any fall with a (+) LOC ≥ 65 years of age
- Motorist/Cyclist/Rider separated from object (motorcycle/bicycle/ATV/horse/snow mobile/dirt bike)
- Vehicular Ejection **OR** prolonged extrication (≥ 20 min)
- Death of another occupant in the same vehicle

Physiologic Criteria:

- GCS 13-15

Anatomic Criteria:

- Clinically **stable** pelvic fracture
- **One** long bone fracture

Supplementary Figure 1: Westchester Medical Center Adult Trauma Activation Criteria