# Level I Trauma Centers Triage Criteria

## Level 1

### Airway & Breathing
- Intubated patients
- Grunting or stridor in child
- Respiratory distress/flail chest
- Threatened or compromised airway
- Hypoxia ($O_2$ saturation < 93%) with signs of respiratory distress
- Respiratory Rate
  - 6 years – adult: $< 10$ or $> 30$
  - 2 – 5 years: $< 10$ or $> 40$
  - 12 – 24 months: $< 16$ or $> 50$
  - 0 – 12 months: $< 20$ or $> 60$

### Circulation
- Pulse greater than SBP (Age > 15 only)
- Transfer patients receiving blood to maintain vital signs
- Heart Rate
  - Adult (18 or older): $> 120$
  - 6 – 17 years: $< 60$ or $> 160$
  - 2 – 5 years: $< 60$ or $> 180$
  - 12 – 24 months: $< 70$ or $> 180$
  - 0 – 12 months: $< 80$ or $> 180$
- Hypotension – Confirmed SBP < 90 at any time in adults or age specific in children
  - 6 years or older: $< 90$
  - 2 – 5 years: $< 80$
  - 12 – 24 months: $< 75$
  - Infant under 1: $< 70$

### Disability
- GCS $\leq 12$
- Open or depressed skull fracture
- Paralysis or focal neurologic deficit

### Mechanism of Injury
- Trauma with full thickness burns $> 10\%$ body surface area
- High voltage electrocution (>1000 volts)
- Penetrating injury to torso, neck, head, or proximal to elbow or knee
  - Gunshot wounds
  - Stabbing

### Other
- Unstable pelvic fracture
- Bilateral femur fractures
- Pulseless extremity/threatened limb
- Traumatic amputation/mangled limb
  - (excluding isolated hand/foot)
Injuries found

- Any open fracture
- 2 or more proximal long bone fractures
  (bilateral femur fractures equal Level 1)

Mechanism of Injury

- Ejection from motorized vehicle
- Pedestrian struck by motor vehicle
- Death of restrained passenger in same vehicle
- Major auto deformity with intrusion into passenger compartment
- Fall > 20 feet
  - Pediatric falls ≥ to twice their height (unprotected)

Consider activation for High Risk Patients:

- Age is > 65 or < 5
- Multiple co-morbidities
- Blood thinners or other clotting disorders

Attention Pre-Hospital Care Providers
Call report at least 15 minutes prior to hospital arrival or as soon as possible. Identify patient as trauma.

Report Format - Radio to Trauma Report Nurse

- Name of Service
- Age/Sex
- Vital signs/O2 Sats/GCS - Lowest BP and highest pulse
- Origin - scene or hospital transfer
- Mechanism of injury
- Injuries found
- Treatments given
- ETA

Important Contact Information
Report phone number: 800-237-6822
Radio Frequency: 155:385

Mayo Clinic Emergency Communications Center
1-800-237-6822