**MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH**

**Office Of Emergency Medical Services 67 Forest Street, Marlborough, MA 01752**

**Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and**

**Pediatric Patients**

# In all trauma cases with prolonged transport times, consider activating the appropriate air ambulance service. For patients being transported by air ambulance, transport to a level 1 trauma center with helipad facilities.

**Inju ry Patterns**

* Penetrating injuries to head, neck, torso, and proximal extremities
* Skull deformity, suspected skull fracture

***RED CRITERIA***

***High Risk for Serious Injury***

# Mental Status & Vital Signs

**All Patients**

* + Unable to follow commands (motor GCS **<** 6)
  + RR < 10 or > 29 breaths/min
  + Respiratory distress or need for respiratory support
* Suspected spinal injury with new motor or sensory loss
* Chest wall instability, deformity, or suspected flail chest
* Suspected pelvic fracture
* Suspected fracture of two or more proximal long bones
* Crushed, degloved, mangled, or pulseless extremity
* Amputation proximal to wrist or ankle
* Active bleeding requiring a tourniquet or wound packing with continuous pressure
* Room-air pulse oximetry **<** 90%

# Age 0-9 years

* SBP **<** 70mm Hg+ (2 x age years)

# Age 10-64 years

* SBP < 90 mmHg or
* HR > SBP

# Age 65 years

* SBP **<** 110 mm Hg or
* HR> SBP

*Patients meeting any one of the* above *RED criteria should be transported to the highest-level trauma center available within the geographic constraints of the regional trauma* system

***Moderate Risk for Serious Injury***

# Mechanism of Injury

* + High-Risk Auto Crash
    - Partial or complete ejection
    - Significant intrusion (including roof)
      * >12 inches occupant site OR
      * >18 inches any site OR
      * Need for extrication for entrapped patient
    - Death in passenger compartment
    - Child (Age 0-9) unrestrained or in unsecured child safety seat
    - Vehicle telemetry data consistent with severe injury
  + Rider separated from transport vehicle with significant impact (eg, motorcycle, ATV, horse, etc.)
  + Pedestrian/bicycle rider thrown, run over, or with significant impact
  + Fall from height> 10 feet (all ages)

# Special Considerations

**Consider risk factors, including:**

* Low-level falls in young children (age ≤ 5 years) or older adults (age ≥ 65 years) with significant head impact
* Anticoagulant use
* Suspicion of child abuse
* Special, high-resource healthcare needs
* Pregnancy > 20 weeks
* Burns in conjunction with trauma
* Children should be triaged preferentially to pediatric capable centers

**Consider transport to a Trauma Center or specific resource hospital. Consider consulting Medical Control for destination assistance.**

Patients meeting any one of the **YELLOW CRITERIA WHO DO NOT MEET RED CRITERIA** should bepreferentially transported to a trauma center or a pediatric trauma center in accordance with theDPH-approved RegionalPoint of Entry Plan **(need not be** the **highest-level trauma center).**

\*\* MDPH designated, or ACS verified if out of state. Date updated: 9/9/2024