REGION II EMS TRAUMA POINT-OF-ENTRY PLAN

Notify CMED early and request a "Trauma Alert."

When Physician answers, begin notification with "this is a Trauma Alert."

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

RED CRITERIA – High Risk for Serious Injury

INJURY PATTERNS

- Penetrating injuries to head, neck, torso, or proximal extremities
- Skull deformity, suspected skull fracture
- 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

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
- Room-air pulse oximetry < 90%

Age 0–9 years

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

Age 10–64 years –

- SBP < 90 mmHg or
- HR > SBP

Age ≥ 65 years

- SBP < 110 mmHg 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.

YELLOW CRITERIA – 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 / entrapped patient
  - Death in passenger compartment
  - Child (age 0–9 years) unrestrained or in unsecured child safety seat
  - Vehicle telemetry data consistent with severe injury
- Rider separated from transport vehicle with significant impact (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

Contact medical control and consider transport to a Trauma Center or specific resource hospital.

Patients meeting any one of the **YELLOW CRITERIA** WHO DO NOT MEET RED CRITERIA should be preferentially transported to a trauma center or pediatric trauma center.

Region II Trauma Center* Destinations (*MDPH-designated or ACS verified if out of state)

Level I Adult & Level I Pedi:

UMass Memorial Medical Center (University Campus)
55 Lake Avenue North
Worcester, MA 01655

Out of Region Destinations (based on location)

Level 1 Adult/2 Pedi: Baystate Medical Ctr (Reg I)759 Chestnut St. Springfield, MA

Level 1 Adult/1 Pedi: Rhode Island Hospital & Hasbro's Children's Hospital 593 Eddy St. Providence, RI

Level 1 Adult: Lahey Clinic (Reg IV) 41 Burlington Mall Rd. Burlington, MA

Level III Adult: Southern NH Medical Center 8 Prospect Street, Nashua, NH