**Trauma Systems Committee Proposal**

**Trauma Systems Committee March 17, 2021**

Reginald Alouidor MD, FACS

Assistant Professor of Surgery, UMMS-Baystate Health

Division of Trauma/Critical Care and Acute Care Surgery

**Trauma Systems Committee Proposal**

* Modification MA DPH OEMS Trauma Field Trauma Criteria
  + Anatomic Criteria:
    - Add Known Solid Organ Injury
* Outpatient Management
  + NOM Solid Organ Injury



**2) Does the patient have**

**Physiologic Criteria:**

* + - * Glasgow Coma Scale <14
      * Respiratory rate < 10 or > 29 or respiratory rate out of range for age?
      * Systolic Blood Pressure < 90 mmHg or < 70-90 (age appropriate) in pediatrics

**Anatomic Criteria:**

* + - * Flail Chest?
      * Open or depressed skull fractures?
      * Penetrating trauma to head, neck, torso, or extremities proximal to elbow and knee?
      * Crushed, degloved or mangled extremity
      * Pelvic fractures (excluding simple fractures)
      * Paralysis
      * 2 or more proximal long bone fractures, or any open proximal long bone fracture?
      * Amputations proximal to wrist or ankle

**2) Does the patient have**

**Physiologic Criteria:**

* + - * Glasgow Coma Scale <14
      * Respiratory rate < 10 or > 29 or respiratory rate out of range for age?
      * Systolic Blood Pressure < 90 mmHg or < 70-90 (age appropriate) in pediatrics

**Anatomic Criteria:**

* + - * Flail Chest?
      * Open or depressed skull fractures?
      * Penetrating trauma to head, neck, torso, or extremities proximal to elbow and knee?
      * Crushed, degloved or mangled extremity
      * Pelvic fractures (excluding simple fractures)
      * Paralysis
      * 2 or more proximal long bone fractures, or any open proximal long bone fracture?
      * Amputations proximal to wrist or ankle
      * Known Solid Organ Injury

**Background: Solid Organ Injuries**

* NOM accepted SOC for many types of patients with blunt and even penetrating Solid Organ Injuries
  + Patients do well accepted SOC
  + Risks and complications
    - Delayed rupture/ Delayed bleeding
    - Emergency hospital admission and interventions
      * Resuscitation
      * Angiography embolization
      * Emergency operative management

**Current OEMS POE Protocol**

**Trauma Field Triage Criteria**

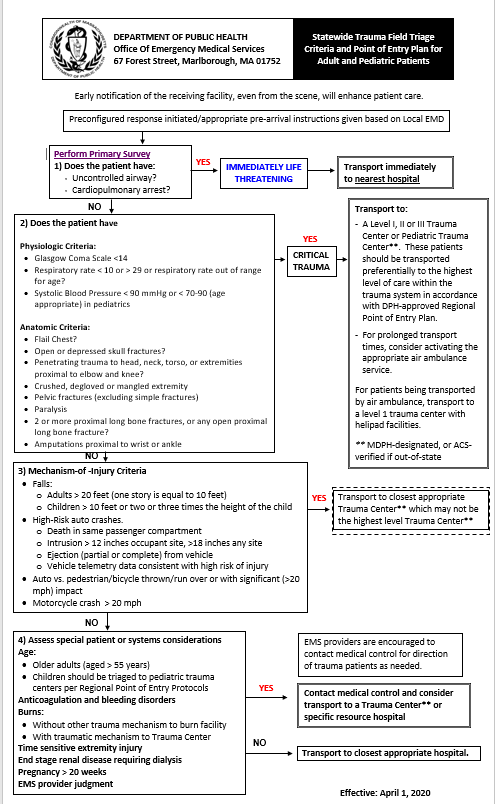
1. Primary Survey

2A. Physiologic criteria

2B. Anatomic criteria

3. Mechanism of Injury Criteria

4. Special patient/system considerations

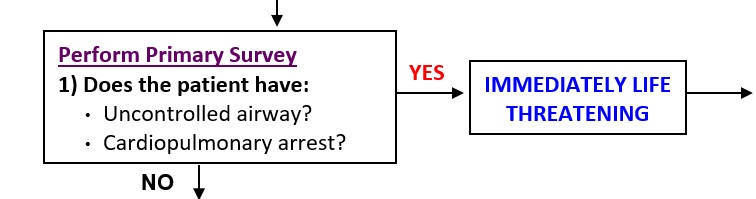


To view the following document in its entirety, visit the [Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and Pediatric Patients page](https://www.mass.gov/doc/trauma-field-triage-and-statewide-point-of-entry-plan/download), which will trigger an automatic download of the document.

**Current OEMS POE Protocol**

**Trauma Field Triage Criteria**

1. Primary Survey



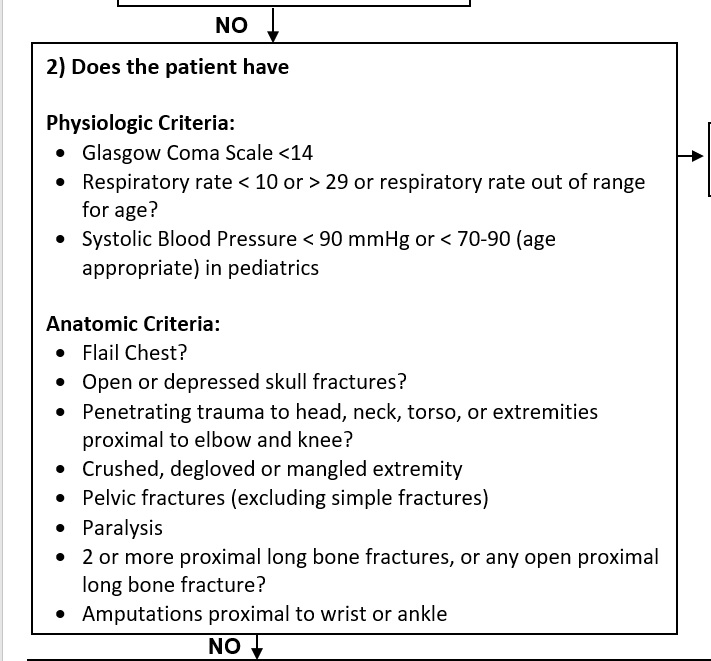
To view the document in its entirety, visit the [Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and Pediatric Patients page](https://www.mass.gov/doc/trauma-field-triage-and-statewide-point-of-entry-plan/download), which will trigger an automatic download of the document.

**Current OEMS POE Protocol**

**Trauma Field Triage Criteria**

2A. Physiologic criteria

2B. Anatomic criteria

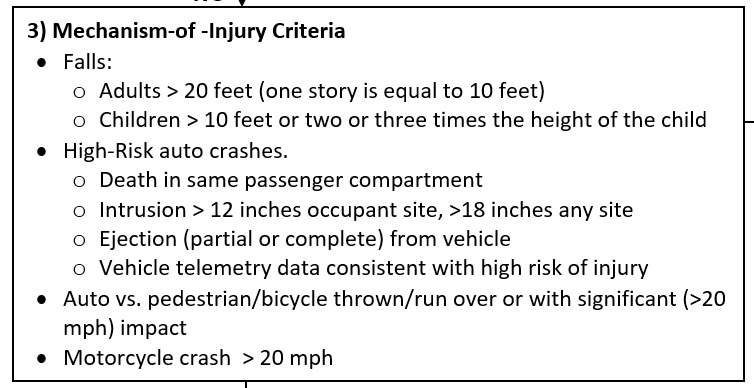


To view the document in its entirety, visit the [Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and Pediatric Patients page](https://www.mass.gov/doc/trauma-field-triage-and-statewide-point-of-entry-plan/download), which will trigger an automatic download of the document.

**Current OEMS POE Protocol**

**Trauma Field Triage Criteria**

3. Mechanism of Injury Criteria

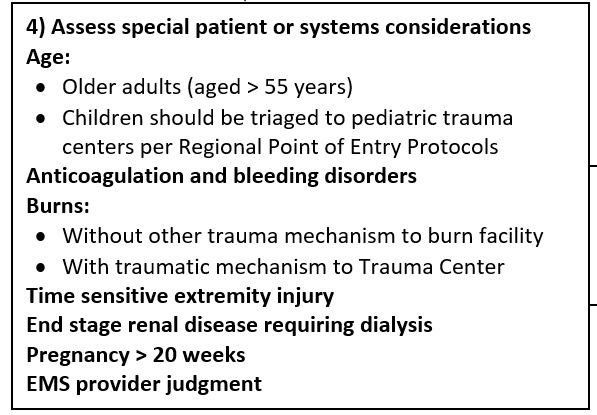


To view the document in its entirety, visit the [Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and Pediatric Patients page](https://www.mass.gov/doc/trauma-field-triage-and-statewide-point-of-entry-plan/download), which will trigger an automatic download of the document.

**Current OEMS POE Protocol**

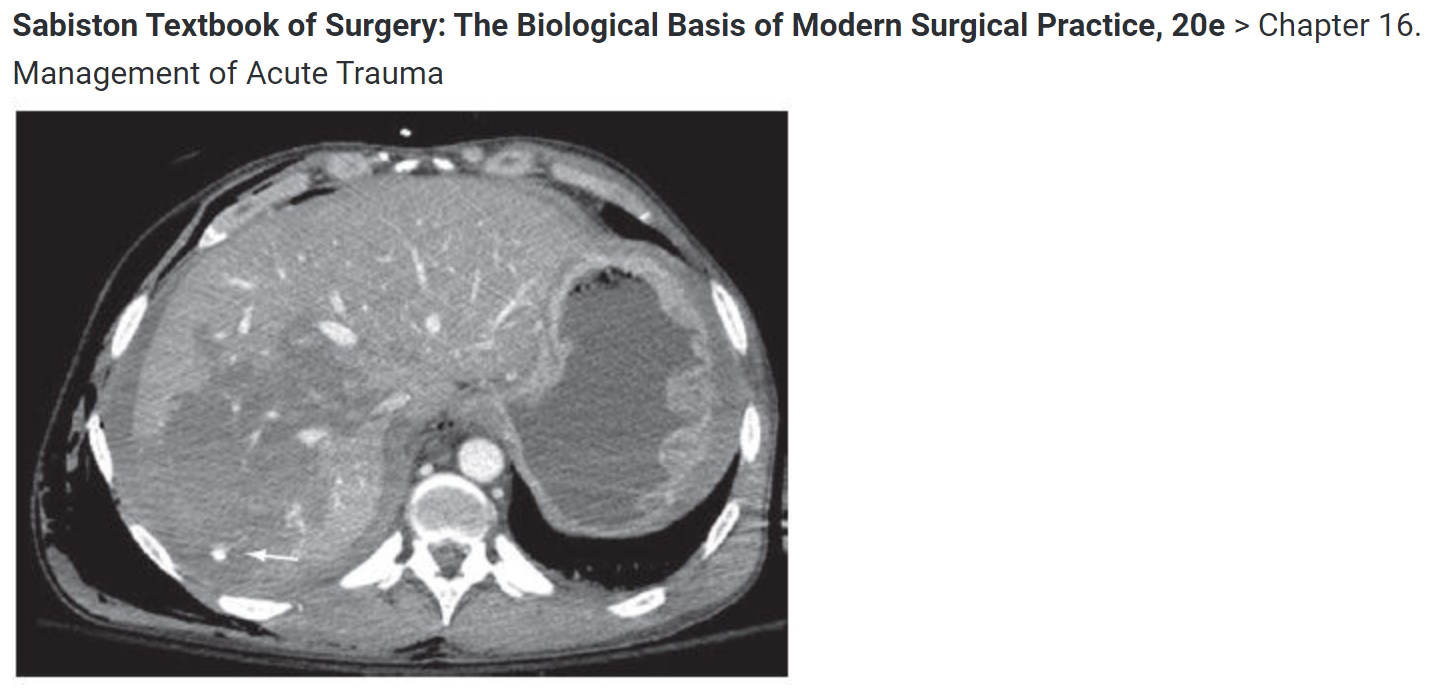
**Trauma Field Triage Criteria**

4. Special patient/system considerations



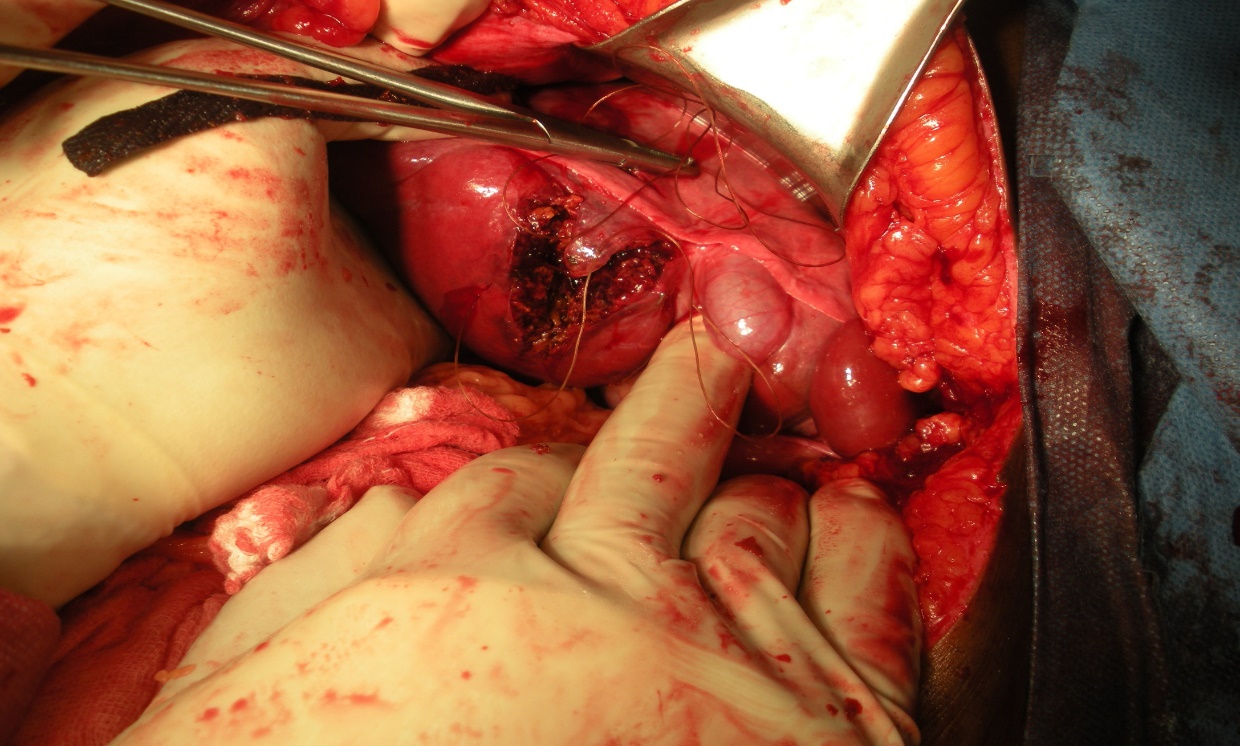
To view the document in its entirety, visit the [Statewide Trauma Field Triage Criteria and Point of Entry Plan for Adult and Pediatric Patients page](https://www.mass.gov/doc/trauma-field-triage-and-statewide-point-of-entry-plan/download), which will trigger an automatic download of the document.

**What this allows: Right Patient → Right Place**

Trauma Center:

* 24 hr. availability
* Blood Products
* Operative Room
  + Surgery
  + Anesthesia
* Interventional Radiology

**What this allows: Right Patient → Right Place**

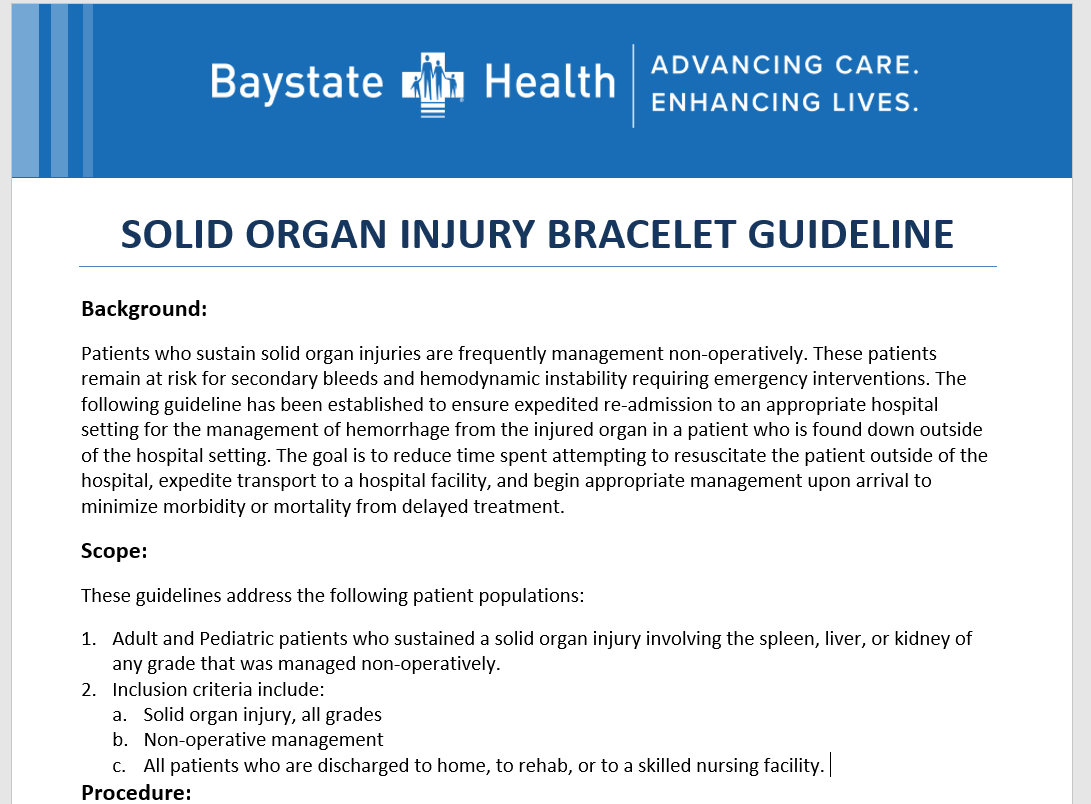
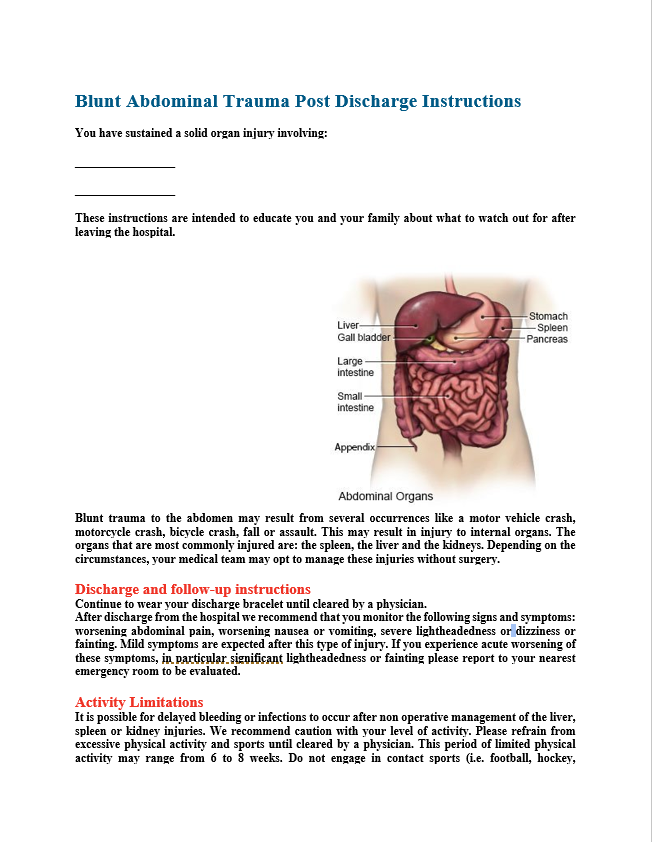


**How to identify solid organ injury NOM?**





**How to identify solid organ injury NOM?**



**Disclosure**

* EMS Medical Services Committee - April 9th 2021
* Attorneys at Massachusetts, DPH

**Trauma Systems Committee Meeting Proposal**

* Modification MA DPH OEMS Trauma Field Trauma Criteria
  + Anatomic Criteria:
    - Add Known Solid Organ Injury
* NOM Solid Organ Injury Bracelet

**Questions:**