

TAC  
Approved  
June 2019

Full ALPHA Trauma Team:

-Trauma Surgeon  
-ED Attending MD  
-Intensivist  
-Fellows/Residents  
-Trauma Nurse(s) TNTL  
-RT  
-Lab Technician  
-Radiology Technician  
-MSW / Childlife  
-Pharmacist (acute)

Full BRAVO Trauma Team:

-Trauma Surgeon  
-ED Attending MD  
-Trauma Nurse(s) TNTL  
-RT  
-Lab Technician  
-Radiology Technician  
-MSW / Childlife

Trauma Evaluation Group

Team:  
-Trauma Surgeon  
-ED Attending MD  
-PICU Fellow  
-Trauma Nurse(s) TNTL  
-MSW

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RADY CHILDREN'S HOSPITAL SAN DIEGO  
INTERNAL TRAUMA CRITERIA FOR INJURED PATIENTS

- EMS Directed Trauma: Triage Activation Alpha or Bravo (Immediate response) as indicated
- IFT: Triage Activation Alpha, Bravo, or Evaluation Group (Surgeon directed)
  - Activation (immediate): Requiring interventions to manage Airway, Ventilation, Circulation, or Altered Neurologic exam
  - Evaluation (prompt): Stable patient
- Walk-in and EMS non-trauma: Screen and activate appropriate level as indicated upon arrival or upon change in status
- EMS as Trauma Special Considerations (prior Trauma Resource): Screening Evaluation upon arrival by Trauma credentialed clinician
- ED physician may activate additional patients in which there is concern for significant trauma

**FULL ALPHA TRAUMA TEAM ACTIVATION** -Immediate Response ≤ 5 minutes

- See detailed reference for definitions
- Time from injury is not a factor for anatomic /physiologic criteria

1. **ALTERED:**

-Airway  
-Breathing  
-Circulation  
-Mental status (GCS ≤ 14)

5. Pelvic instability

6. Mechanically unstable injuries to spine

7. Significant acute abdominal pain

2. Motor &/or Sensory Loss

(If limited to Paresthesia - see Algorithm)

8. Two or more proximal long bone fractures

3. Penetrating injury to head, neck, torso with:

-Impalement  
-Active hemorrhage  
-Neck & Torso –unable to determine depth or deeper than subcutaneous  
-Rectal injuries  
-Inclusive of gunshot wounds

9. Oropharyngeal trauma -meets “altered” in # 1. (otherwise see algorithm)

10. Penetrating eye trauma violating the orbital wall

4. Extremity injury (blunt or penetrating) with

-Vascular compromise  
-Active hemorrhage  
-Hypotension  
-Inclusive of gunshot wounds

11. Meets activation criteria AND

-Needs OR / Surgery  
-Border rendezvous

**FULL BRAVO TRAUMA TEAM ACTIVATION** -Immediate Response ≤ 5 minutes

1. Meets Mechanism of Injury Criteria ONLY – Event within last 24 hours
2. Change any Bravo to Alpha at any point during the evaluation

**TRAUMA EVALUATION Group Page with Prompt Response ≤ 30 minutes**

- For patient already in the ED, if NO Other Activation Criteria met (see below)
- Stable Inter-facility Transfer patient (Surgeon directed)

1. Diagnostic study results which suggest trauma:

-intracranial finding  
(See Asymptomatic w/ + CT finding algorithm and / or Subdural hematoma algorithm and/or Depressed skull fracture)  
-Basilar skull fracture (See algorithm)  
-Intra-thoracic findings  
-Intra-abdominal findings  
-Pelvic injuries

3. Concussed head injury patient requiring admission

4. Patient presents with an index of suspicion for significant injury but doesn't meet our internal trauma criteria

5. Previous trauma patient (within 30 days) requiring inpatient admission (see guideline C-8)

2. Head injured patient with Hemotympanum (GCS 15)

## ALPHA reference

### ALTERED

- Airway & Breathing
  - Facial, neck or chest compromise
  - Abnormal respiratory rate (defined by age)
  - Labored respirations
  - Cyanosis
  - Intubated or requiring assisted ventilation
- Circulation
  - Weak, thready or absent distal pulses
  - Capillary refill >3 seconds
  - Age-specific hypotension (Systolic BP <70 + 2x age in years), Adult Systolic BP <90
  - Tachycardia
  - Transfer patient receiving blood products
- Mental status GCS ≤ 14

### Mechanically unstable injuries to spine

- Burst fractures: compromise of the posterior cortex of the vertebral body with or w/o retropulsion into the spinal canal
- Flexion/Distractoin Injuries: anterior compression of the vertebral body with distraction of the posterior elements
- Fracture dislocations: displacement of the vertebral body relative to the adjacent levels

## MECHANISM of INJURY Criteria Event within last 24 hours

- **Falls**
  - Of ≥ 15 feet
  - All second story falls
- **MVC** with Any One of the following:
  - Ejection from/off vehicle
  - Vehicle rollover with Unrestrained passenger
  - Death in the same passenger compartment
  - Intrusion into occupied passenger space of ≥1 foot (roof) and/or ≥18 inches (any site)
- **ATV/MC/other motorized vehicle** (not car/truck) with Any One of the following:
  - Speed ≥ 20mph
  - Ejection
  - Rollover
- **Pedestrian / bicyclist struck** by motor vehicle with Any One of the following:
  - Speed ≥ 20mph
  - Run over (with or without tire marks) proximal to the knee or elbow
  - Thrown or Dragged > 5 feet
- **Hanging** (suspended with feet off ground)
- **Drowning / Submersion** event with history of diving or obvious signs of injury
- **Significant Child Abuse**
  - See algorithm
- **Any other MOI** deemed to be significant