Foothills RETAC

Prehospital Trauma Triage Algorithm Guideline

**Pediatric Patients (Less than 15 years old)**

Transport to most appropriate

Trauma Center

Transport to most rapidly accessible appropriate

Trauma Center

Transport to most rapidly accessible appropriate

Trauma Center

Transport to most rapidly accessible appropriate

Trauma Center

# No

|  |  |
| --- | --- |
| **Age** | **SBP (mmHg)** |
| <1 year | <60 |
| 1-10 years | <70 + 2 x Age |
| >10 years | <90 |

# ANY PHYSIOLOGIC CRITERIA

1. Intubation or assisted ventilation

2. Signs or symptoms of respiratory insufficiency, such as:

--Severe hypoxia

--Accessory muscle use, grunting or abdominal breathing

3. Any signs or symptoms of abnormal perfusion, such as:

--Decreased capillary refill (> 2 sec)

--Low systolic BP for age

4. Only responsive to pain or unresponsive [AVPU]

# Yes

# 

# Yes

# 

# Yes

# 

# No

#### OTHER CONSIDERATIONS

1. Suspicion for non-accidental trauma

2. Anticoagulation or bleeding disorders

3. End-stage renal disease requiring dialysis

4. Pregnancy >20 weeks

5. Suspicion of hypothermia

6. Intra-abdominal injury: abdominal tenderness, distension or seatbelt mark on the torso

7. Burns > 10% TBSA (2nd or 3rd degree) and/or burns to the hands, face, feet, or groin; or inhalation injury

8. EMS provider judgment for triage to a higher level trauma center

Transport to any appropriate medical facility based on EMS Agency Medical Control Policy

# Yes

# 

# Yes

# 

## No

# ANY MECHANISM OF INJURY CRITERIA

1. Falls > 15 feet or 3x the height of the child

2. High risk auto crash, with such components as:

--Intrusion of vehicle of > 12 inches in occupant compartment; >18 inches any site

--Ejection (partial or complete) from automobile

--Death in same passenger compartment

--Moderate/high speed crash with unrestrained or improperly restrained child

3. Auto vs. pedestrian/bicyclist thrown, run over, or with significant impact

4. Motorcycle crash > 20 mph

5. Events involving high energy dissipation, such as:

--Ejection from motorcycle, ATV, animal, etc.

--Striking a fixed object with momentum

--Blast or explosion

6. High energy electrical injury

# ANY ANATOMIC CRITERIA

**Known or Suspected:**

1. Penetrating injuries to the head, neck, torso or extremities above the elbow or knee

2. Flail chest (chest wall instability or deformity)

3. Two or more proximal long bone fractures

4. Unstable pelvic fracture

5. Paralysis or neurologic deficit

6. Amputation above the wrist or ankle

7. Crushed, degloved, mangled, orb pulseless extremity

8. Open or depressed skull fracture

# No

# No

# UNABLE TO ADEQUATELY VENTILATE

Transport to most rapidly accessible appropriate Medical Facility