



Definition of an **ADULT** Trauma Team Alert Patient

South Dakota Trauma System

PHYSIOLOGICAL ABSOLUTES

Airway	Airway obstruction and/or respiratory compromise requiring use of advanced airway.	
Breathing	RR	< 10 or > 29
Circulation	SBP	< 90
	HR	> 120
Disability	GCS	< 10

ANATOMIC ABSOLUTES

- Penetrating injury to chest, abdomen, head, neck
- Limb paralysis (associated with trauma)
- Flail chest
- Amputation proximal to wrist or ankle or need for arterial bleed tourniquet use
- Burns > 20% BSA (partial or full thickness) and/or airway compromise
- 2 or more long bone fractures

STRONG DEGREE OF SUSPICION

**THIS DOES NOT CONSTITUTE AN AUTOMATIC CATEGORIZATION OF A SEVERE TRAUMA PATIENT*

- Fall from 3 times the height of the patient
- Patients involved in high energy MVC's
- Death of an occupant in the same compartment
- Auto-pedestrian or auto-bicycle, impact > 5 MPH
- Pedestrian/bicyclist that was thrown or run over
- Significant recreational vehicle or farm equipment incident
- Significant injury associated with a large animal
- Unstable pelvic fractures

SPECIAL CONSIDERATIONS

- Age > 55
- Known anticoagulation/platelet agents other than aspirin
- Pregnancy
- Chronic medical illness/medically fragile



Definition of a PEDIATRIC Trauma Team Alert Patient

South Dakota Trauma System

PHYSIOLOGICAL ABSOLUTES

Airway	All Ages	Airway obstruction and/or respiratory compromise requiring use of advanced airway.
Breathing	All Ages	RR < 10 or > 29
Circulation	Neonate (0-28 days)	SBP ≤ 60 HR ≥ 180
	Infant (1-12 months)	SBP ≤ 70 HR > 170
	2-5 years	SBP ≤ 75 HR > 150
	6-10 years of age	SBP ≤ 85 HR > 135
Disability	All Ages	GCS < 10

*Normal SBP in children age 1-10 years = 70 + (2 X age in years)

*The Pediatric Assessment Triangle should be the basis for all pediatric emergencies

ANATOMIC ABSOLUTES

- Penetrating injury to chest, abdomen, head, neck
- Limb paralysis (associated with trauma)
- Flail chest
- Amputation proximal to wrist or ankle or need for arterial bleed tourniquet use
- Burns > 20% BSA (partial or full thickness) and/or airway compromise
- 2 or more long bone fractures

STRONG DEGREE OF SUSPICION

****THIS DOES NOT CONSTITUTE AN AUTOMATIC CATEGORIZATION OF A SEVERE TRAUMA PATIENT***

- Fall from 4 times height of patient
- Patients involved in high energy MVC's
- Ejection: partial or complete
- Death of an occupant in same compartment
- ATV/Motorcycle crash > 20 mph
- Auto-pedestrian/auto-bicycle-impact > 5 mph
- Pedestrian/bicyclist thrown or ran over
- Significant injury associated with large animal
- Unstable pelvic fractures

SPECIAL CONSIDERATIONS

****OFFER A HIGH DEGREE OF SUSPICION***

- Age < 5
- Known anticoagulation/platelet agents other than aspirin
- Pregnancy
- Chronic medical illness/medically fragile