

**PEDIATRIC (≤16 YEARS OF AGE)
ANY TRAUMA MECHANISM**

Is the patient known or suspected of having one or more of the following?

PHYSIOLOGICAL CRITERIA

- Respiratory distress, hypoxia or a need for airway control/intubation
- Signs of poor perfusion
- GCS ≤13

ABNORMAL VITAL SIGNS			
AGE	HR	RR	SBP
1-12 months	<90 or >180	<30 or >53	≤70
1-2 years	<80 or >140	<22 or >37	≤70
3-5 years	<65 or >120	<20 or >28	≤80
6-12 years	<58 or >118	<18 or >25	≤85
12+ years	<50 or >100	<12 or >20	≤90

ANATOMICAL CRITERIA

- All penetrating injuries to the head, neck or torso
- All penetrating injuries to the extremities proximal to the elbow/knee with significant blood loss
- Major burns >20% BSA
- Open or depressed skull fractures
- New paralysis or neurological deficits
- Facial injuries with potential airway compromise
- Two or more proximal long bone fractures
- Crushed, degloved, mangled or pulseless extremities proximal to the wrist or ankle
- Amputation proximal to the wrist or ankle
- Chest wall instability or deformity
- Unstable pelvis

YES

ACTIVATE TRAUMA TEAM

Meeting physiological and/or anatomical criteria should elicit the highest level of response.

TSBC note:
Trauma Team composition to be determined by site.

NO

Was there a major mechanism of injury within 24 hours?

MAJOR MECHANISM CRITERIA

- Fall ≥3m (10ft) or 1 storey window
- Motor vehicle collision:
 - Vehicle speed >65 km/h
 - Any vehicle intrusion including roof: ≥0.3 meters on occupant side or ≥0.5 meters any side
 - Ejection (partial or complete)
 - Death in same passenger compartment
 - Roll over
- Motorcycle or ride-on vehicle collision:
 - Vehicle speed >30 km/h
 - Ejection/separation from vehicle >3m (10ft)
- Pedestrian, pedestrian conveyance or bicyclist struck/collision:
 - Vehicle speed >30 km/h
 - Fixed object with significant momentum
 - Thrown >3m (10ft)
 - Run over
- Penetrating injury (i.e. firearm or stabbing)
- Blasts and/or explosions
- Significant assault involving more than one system
- Any suspected abusive head trauma

YES

ACTIVATE TRAUMA TEAM

Mechanism alone should elicit either a tiered or highest level response, to be determined by site.

TSBC note:
Trauma Team composition to be determined by site.

NO

Does the patient have any special considerations?

- Health care provider discretion
- Pregnancy >20 weeks
- Co-morbidities or pre-existing medical conditions
- Auto-Launch or Early Fixed Wing Launch (EFLW) from scene
- Drowning associated with trauma mechanism

YES

RESPONSE AT DISCRETION OF SITE

TSBC note: Could be a tiered response or trauma consult.

**PROVINCIAL TRAUMA TEAM
ACTIVATION (TTA) CRITERIA**