

# PROVINCIAL TRAUMA TEAM ACTIVATION (TTA) CRITERIA

**ADULT (≥17 YEARS OF AGE)  
ANY TRAUMA MECHANISM**

**Was there a major mechanism of injury within 24 hours?**

**MAJOR MECHANISM CRITERIA**

- Fall ≥6m (20ft)
- 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

**YES**

**NO**

**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
- GCS ≤13
- RR <10 or >30
- SBP <90mmHg

**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 with trauma
- 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**

**Should elicit the highest level of response**

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

**Does the patient have any special considerations?**

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• Health care provider discretion</li> <li>• Minor trauma mechanism with physiological/anatomical signs</li> <li>• Major mechanism alone</li> </ul> | <ul style="list-style-type: none"> <li>• Pregnancy &gt;20 weeks</li> <li>• &gt;55 years with low impact mechanism</li> <li>• SBP &lt;110mmHg &gt;65 years</li> <li>• Co-morbidities or pre-existing medical conditions</li> </ul> | <ul style="list-style-type: none"> <li>• Anticoagulation</li> <li>• Auto-Launch or Early Fixed Wing Launch (EFWL) from scene</li> <li>• Burns &gt;20% BSA (without trauma)</li> </ul> |
|--|---|---|

**YES**

**RESPONSE AT DISCRETION OF SITE**

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