

Pediatric Trauma Team Activation Guideline During COVID-19 Pandemic

Assess Vital Signs and Level of Consciousness

With Traumatic mechanism:

1. Systolic BP less than 90
2. Respiratory rate less than 10 or greater than or equal to 30 Breaths per minute (less than 20 for patients less than 1 year old)
3. GCS less than 14 with mechanism attributed to trauma
4. Hypotension unresponsive or transiently responsive to fluids or requiring blood
5. Hypothermia, temperature less than 32 °C with traumatic injuries

Call MCH TTL via CritiCall. ← **YES**

NO? ↓

Assess Anatomy of Injury

1. All penetrating injuries to head, neck, chest, abdomen, and extremities (proximal to elbow and knee)
2. Chest wall instability or deformity (i.e. flail chest)
3. Major orthopedic injury: – Amputation proximal to wrist or ankle
 - 2 or more proximal long bone fractures
 - Crushed, de-gloved, mangled or pulseless extremities
 - Pelvic fractures
 - Paralysis, fractured spine
4. Trauma with greater than or equal to 10% burn or inhalational injury
5. Moderate to severe head trauma (* CT scan not required to transfer patient)
6. Potential Airway Compromise

Call MCH TTL via CritiCall. ← **YES**

NO? ↓

Assess Mechanism of Injury

1. Falls: Fall greater than 3 meters (1 story) or 3 times height of child
2. High Risk Auto Crash:
 - Intrusion greater than or equal to 0.3 meters occupant site or greater than or equal to 0.5 meters any site including roof
 - Ejection from vehicle
 - Death in same passenger compartment of vehicle
 - High speed MVC, vehicle telemetry data consistent with high risk of injury
3. Auto vs. Pedestrian or Bicyclist, thrown, run over or significant impact greater than or equal to 30 km/h
4. Motorcycle/ATV/moped crash greater than 30 km/h

Call MCH TTL via CritiCall. ← **YES**

- **Stable patients will be assessed by PEM or TTL upon arrival to determine if Trauma Fanout is required during COVID 19 Pandemic**
- **Trauma Fanout should continue to be called for unstable patients and those who are at very high risk of becoming unstable prior to arrival (i.e. Penetrating injury, spine injury, facial smash)**
- **TTL patch PEM into all CritiCall calls and advise of incoming patients via ORNGE**