



Two Tiered Trauma Call Criteria

TRIAGE CATEGORIES

TIER I Response – Full Trauma Call
(Medical attendance by ED, Trauma Surgery, Anaesthesia & ICU)

- Physiology:
- HR < 50 or > 130 beats/min
 - BP < 90 mmHg
 - RR < 10 or > 30 breaths/min
 - SpO2 < 90%
 - GCS ≤ 9
- Airway compromise or threat
Prehospital arrest, blood or inotropes
Prehospital tourniquet or limb amputation (prox. to wrist or ankle)

TIER II Response
(Medical attendance by Emergency Medicine & Trauma Surgery)

- GCS 10 – 13 and/or prehospital LOC
Positive FAST prehospital (haemodynamically stable)
Pregnant patients with direct abdominal injuries, and/or ≥ 20 weeks gestation
- Injuries:
- Interhospital major trauma transfers
 - Burns: with > 10% or airway injury
 - Suspected spinal cord injury
 - Suspected pelvic fracture
 - Mangled limb(s)
 - Limb fractures: with major open wounds, vascular compromise, and/or ≥ 2 bones
 - Chest wall injury: prehospital decompression, suspected ≥ 3 ribs, and/or flail segment
 - Multiple body regions injured
- Mechanism
- Fall ≥ 3m
 - Crush / entrapment with concern for reperfusion
 - MVC > 60kph, with: fatality at the scene, rollover, ejection, or other major concern
 - Motorbike, E-rideable and Bicycle crashes > 30 kph
 - Pedestrian struck by vehicle
 - Gunshot and missile injuries
 - All penetrating injuries to the neck and torso
 - Explosions
 - Major animal related mechanisms: Horse & Kangaroo kicks, Livestock crush, etc.
 - Major abdominal blunt force injury: seat belt and handlebar type injuries, major crush, etc.

ATTENDANCE / TRAUMA CALL PERSONNEL

Team leader – ED Physician
Surgical leader – Trauma Surgeon

Tier I	Tier II
Medical - ED Physician & team - Trauma Surgeon & team - Duty Anaesthetist / delegate - ICU Senior Registrar / delegate	Medical - ED Physician & team - Trauma Surgeon & team
Nursing - ED Nursing team - Trauma Case Manager - Trauma Programme Manager	Nursing - ED Nursing team
Radiographer	Radiographer
ED ward clerk	ED ward clerk

- Automatic Notification of the Trauma Call is sent to the following, in addition to those listed above:
- Transfusion Medicine
 - Operating Theatres
 - General Surgery ASU Registrar
 - Trauma Registry
 - Trauma Unit Nursing Shift Coordinator & NUM
- The Trauma Surgeon will facilitate the referral to other surgical services

- Special considerations**
- A lower threshold for Trauma Call activation is appropriate for
- Pregnant patients
 - Multiple patient situations (≥ 3 simultaneous arrivals)
 - Age ≥ 65 years
 - Patient comorbidities, including anticoagulation therapy

MASS CASUALTY

In the situation where events will overwhelm hospital services, please refer to the Disaster and Mass Casualty plans.

