



Alder Hey Trauma System Trauma Team Activation

To activate Trauma Team call Switchboard phone 2222
Specify “Major Trauma, Trauma Team to [location]”

Activation Criteria:

- (1) On receipt of Major Trauma pre-alert from NWS or Trauma Unit:**
OR
(2) Self presentation with, or later development of:

Anatomical triggers

Unmanageable airway (not protecting own)
 Unsupportable inadequate breathing
 Unstoppable haemorrhage (not controlled by simple pressure)

Physiological triggers

GCS 12 or less
 Abnormal physiology: (*guide values*)

Age	Heart Rate beats/min		Respiratory Rate breaths/min	Systolic BP mmHg
	Tachycardia	Bradycardia		
0-7 days	>180	<100	<30 or >60	<60
7-28 days	>180	<100	<30 or >60	<80
1 month – 1 year	>180	<90	<30 or >40	<75
2-5 years	>140	<60	<25 or >30	<75
6-12 years	>130	<60	<20 or >25	<85
>12 years	>110	<60	<15 or >20	<90

Clinical signs triggers

Flail chest
 Penetrating trauma to head, neck, trunk, or limbs proximal to elbow or knees
 Fractures of 2 or more long bones (humerus/femur/tibia) or fractured pelvis
 Amputation proximal to wrist or ankle
 Crushed, mangled or degloved extremities
 New onset sensory or motor deficits (whole limb or partial)
 Rigid abdomen
 Severe burns >20%

Mechanism of injury triggers

Falls over 3 times patient's own height
 Entrapment
 Complete or partial ejection from a motor vehicle
 Death in the same passenger compartment

B Mehta, K Williams, B Stewart

Active date: 1 July 2012

Review date: 1 April 2013

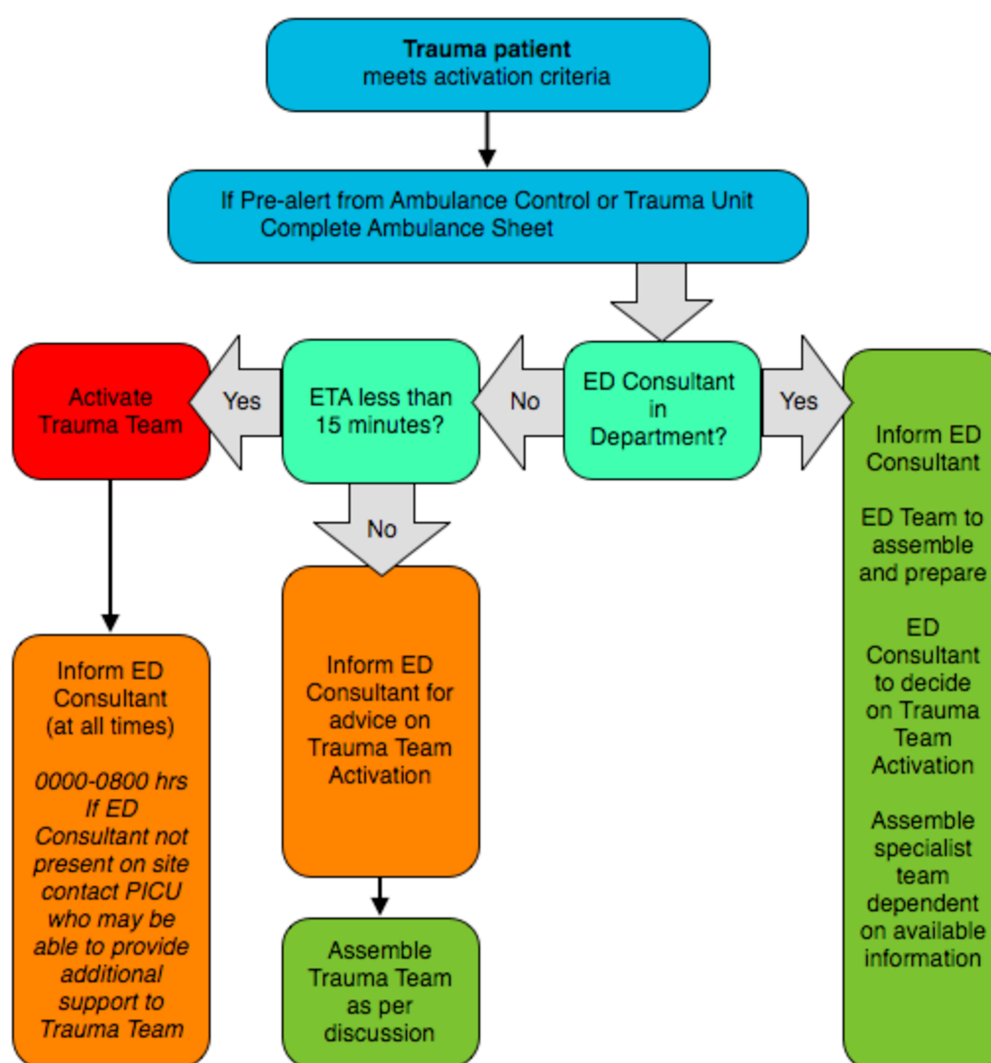


Alder Hey Trauma System Trauma Team Activation

Other triggers

Significant comorbidities
Pregnancy of 20 or more weeks
Other clinician concern

Trauma Team Activation Algorithm



B Mehta, K Williams, B Stewart

Active date: 1 July 2012

Review date: 1 April 2013