London Major Trauma Triage Decision Tool

ADULTS & CHILDREN (12 - 18 years old)

**STEP 1 - Assess vital signs and level of consciousness**

1a GCS < 14 (13 and below)
1b Sustained systolic blood pressure < 90mmHg
1c Respiratory rate < 10 or > 29 breaths per minute

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**STEP 2 - Assess anatomy of injury / injuries**

2a Severe chest wall injury with respiratory compromise
2b Traumatic proximal amputation (above wrist and ankle)
2c Penetrating trauma below the head / above the knees including axilla but not arms
2d Arterial bleed requiring control with a tourniquet
2e Spinal trauma with abnormal neurology
2f Open fracture to the upper or lower limbs including ankle, mid and hind foot but not wrist or toes
2g Burns or scalds >30% TBSA
2h Facial burns with complete skin loss to lower half of face
2i Circumferential burns from a flame injury

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**STEP 3 - Assess other circumstances / patient presentation and history**

3a Significant clinical concern from attending ambulance staff discussed with and agreed with CHUB / APPCC (PD30) / HEMS (PD36).

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If the patient’s airway is (or becomes) unmanageable, consider diverting to the nearest trauma unit (with pre-alert).

For clinical support and assistance on scene, provide an early clinical report for HEMS(PD36) or APPCC(PD30).

If the patient meets the PGD criteria for TXA - administer en-route to hospital.