

Adult Polytrauma CT

A polytrauma CT with contrast may be authorised by a radiographer if the patient meets **at least one criteria from two of the following categories.**

If these criteria are not met, the patient must be discussed with medica.

The request must be submitted by an ST4 or higher doctor OR a discussion documented on the request.

Please clearly state the indications met on the CT request.

Category One – Mechanism

RTC Fatality in same vehicle

Ejection from vehicle (partial or complete)

Entrapment / prolonged extrication

Pedestrian / Cyclist / Motorcyclist vs vehicle

Bullseye on windscreen

High speed RTC (> 35mph)

Motorcyclist (> 20mph)

Fall > 2m vertical fall

1 or more flights of stairs

Other Blast injuries

Penetrating injury to head, neck, torso or extremities proximal to elbow or knee

Category Two – Injury

- ❖ Clinical signs of injury to more than one body region
- ❖ Chest injury with altered physiology
- ❖ Suspected pelvic fracture with hypotension
- ❖ Spinal trauma with abnormal neurology
- ❖ Significant abdominal injury – e.g. evidence of injury / guarding / severe pain
- ❖ Suspected open or depressed skull fracture

Category Three – Physiology

- ❖ RR < 10 or > 29 breaths / minute
- ❖ Systolic BP < 90mmHg (< 100mmHg if > 55 years old)
- ❖ No radial pulse
- ❖ GCS < 15
- ❖ Age > 55
- ❖ Bleeding disorder
- ❖ Anticoagulated