Trauma Patient in Arrest/ Peri-Arrest

Non-traumatic arrest likely?

YES
ALS

NO

Hypoxaemia
Hypovolaemia
Tension pneumothorax
Tamponade

Address reversible causes simultaneously:

1. Control external catastrophic haemorrhage
2. Secure airway and maximise oxygenation
3. Bilateral chest decompression (thoracostomies)
4. Relieve tamponade (penetrating chest injury)
5. Proximal vascular control (REBOA/manual aortic compression)
6. Pelvic splint

START CPR

Expertise?
Equipment?
Environment?
Elapsed time since loss of vital signs < 15 min?

Resuscitative Thoracotomy

ROSC

YES

Pre-hospital: immediate transport to appropriate hospital
In-hospital: damage control surgery / resuscitation

NO

Consider termination of resuscitation