Exclude:
- Hypothermia
- Hypovolaemia
- Hypo/Hyper K⁺
- Hyper H⁺ (Acidosis)
- Tamponade
- Tension (pneumothorax)
- Thrombosis (coronary)
- Thrombosis (pulmonary)
- Toxins / Drugs
- Pacemaker failure

CT Head
CTPA
ECG
Echo

Refer for PCI / Thrombolysis if STEMI or new LBBB

If not obeying commands, cool to 32-34°C within 4hrs for 12-24hrs

Targets:
- Sats > 95%
- pCO₂ 4.5-5.0kPa
- Temp. 32-34°C
- Glucose 6-9 mmol
- Normal perfusion indices: Base excess, ScvO₂, Lactate

Use cardiac output monitoring to guide resuscitation if hypoperfusion present

Consider:
- Phenytoin if evidence of seizure activity
- ACS protocol drugs if MI suspected
- Beta Blockers and ACEI / ARBS if haemodynamically stable

Neurological Prognostication at 72hrs post rewarming:
- Absent pupil / corneal reflex
- GCS < 5
- EEG - exclude fitting, confirm global injury
- SSEP - bilateral absent N20
- CT / MRI - global changes
Acute Coronary Syndrome

**STEMI**
- ST elevation >1mm in 2 contiguous leads +/- Q waves +/- tented T waves
- ST elevation > 2mm V1-V3
- New LBBB
- Old LBBB plus:
  - STE > 5mm + concordant qrs
  - STE > 1mm + discordant qrs
  - ST Depression V1-V3

**NSTEMI**
- T wave ↓, ST ↓, rising trend in serum troponin level

**Unstable Angina**
- ST depression, transient T wave inversion, no increase in Troponin

**Assess GRACE Score:**
- Online calculator [www.gracescore.org](http://www.gracescore.org)
- Need: Age, HR, SBP, Creat
- Heart failure score: Killip class I-IV
  - ? Cardiac arrest at admission
  - ? Elevated troponin
  - ? S-T segment deviation

**Haemodynamic Resuscitation:**
- CO monitoring, check perfusion indices
- Normalise HR
- Treat pulmonary oedema:
  - CPAP, Diuretics, GTN if BP normal
  - CPAP, Inodilators if hypotensive
  - CVVHF if ARF and fluid overload
- Early consideration for IABP if unstable
- Vasopressor infusion if low diastolic BP

**All patients receive consideration for:**
- Morphine + Oxygen
- Heparin + Aspirin + Ticagrelor
- Nitrates (unless on Viagra or RV Infarction)
- β Blocker / ACEI (once CVS stable)
- Statin
- Eplerenone (if LVF)

Refer for Inpatient PCI

Aspirin Ticagrelor Fondaparinux

Intermediate or High risk

Low Risk