



PREHOSPITAL ACTIVATION

INCLUSION CRITERIA

- Age 16-70
- Witnessed cardiac arrest
- Bystander CPR within 5 minutes of arrest
- No known end stage disease*
- Anticipated Arrival to ED within 60 minutes of arrest

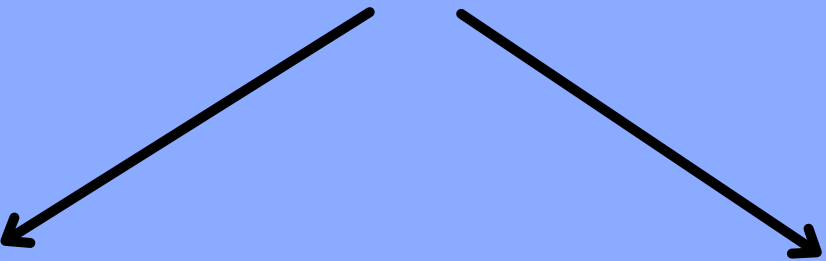
EXCLUSION CRITERIA

Persistent asystole without signs of life

*END STAGE DISEASE

- Terminal illness due to malignancy / chronic disease
- Significant neurological impairment
- End stage organ failure (cardiac, liver, renal)
- Multiple coronary revascularisations
- Severe pulmonary hypertension
- Major trauma / active major haemorrhage
- Likely hypoxic arrest secondary to severe COVID-19 lung disease

ALL INCLUSION CRITERIA MET?



YES

ACTIVATE CODE ECMO

NO

Continue standard care
Do NOT activate code
ECMO

IN HOURS 0800 - 1700 MON - FRI

Activate CODE ECMO
via 55
Contact ED ultrasound
consultant

OUT OF HOURS 1700 - 0800 MON - FRI WEEKENDS

ED consultant to call
Cardiothoracic consultant
regarding perfusionist
availability*

Perfusionist must be
available within 60
minutes of arrest

**IF ECPR CALL ACTIVATED
COMMENCE ECPR PATHWAY**

