

SPH ED
IN-PATIENT
CODE ECMO
(FOR PATIENTS ALREADY IN ED)

PATIENT

- **Age < 70**
- No major co-morbidities
- No pre-existing major neurological deficits
- Full/Presumed Full Code

CARDIAC ARREST

- **Witnessed** in-hospital arrest + **early HQ CPR**
- **No ROSC after 5 mins**
- Cause of arrest:
 - Presumed **cardiac** or no obvious cause
 - **Pulmonary embolism**
 - Cardiac toxin overdose

CARDIAC ARREST

NO ROSC
AFTER 5 MINS

TEAM LEAD REVIEWS ELIGIBILITY

*The ECMO/Implant surgeons are:

Dr. Bashir

Dr. Cheung

Dr. Lichtenstein

ECMO Eligible?



CALL **ECMO IMPLANT SURGEON**
TO AUTHORIZE
ACTIVATION

CALL **CARDIAC SURGEON 2ND*** (IF ECMO IMPLANT SURGEON OCCUPIED)

Activate?



CNL/UC CALLS
SWITCHBOARD
(#7111) FOR

**"CODE ECMO IN
EMERGENCY DEPT"**

TIPS:

- Emergency physicians and nurses should **continue managing Code Blue as per usual**. ECMO team will perform/assist with cannulation.
- Ensure **two ultrasound machines** are present.
- Bring the **metal procedure table with the ECMO kit** (angio drapes and gloves) to bedside.
- Avoid femoral CVC access.
- Crowd control! Only the usual outreach team is required (plus one as a runner, if available).