



## Transport on ECMO/ VAD

### Document Control Information

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## Transport on ECMO/ VAD

*The reason(s) for transfer must be understood and the risks/benefits of transfer considered at consultant level. All external assistance from the national ECMO centres must be exhausted prior to agreement to assist with transfer*

Please do not hesitate to call a permanent CATS nurse for further information and support

### Indication for remote cannulation

There is no change to first line management of rapid departure of an intensive care team to consolidate medical treatments and emergent transfer of a patient not on ECMO to an ECMO centre.

The mobile cannulation team should be considered in remote and very unstable cases that cannot be moved in a safe and timely way (again this discussion will involve the ECMO centre team).

### Mobile ECMO Team Personnel

#### CATS Team

- CATS Consultant / Doctor
- CATS ANP / Nurse
- Ambulance Technician support ( 1-2 personnel journey length dependent)

#### Cardiac Team

- Consultant Cardiothoracic Surgeon
- CICU Consultant
- Perfusionist

### Mobile ECMO Equipment

- CATS Standard Kit
- CATS Ambulance
- CATS CCT 6 Trolley, including 2 pump heads, ACT machine, 6 clamps
- Additional istat Cartridges (10 of each is advisable)

### CATS ECMO Transfer Pack Containing

- Side Clamps
- Ratchet Straps
- Power Extension Lead with Multiple Sockets
- Additional 1ml, 2ml and 5ml syringes (leur lock)
- 50 ml syringes X 10
- 4 blood Product IV Giving Sets
- 2 Large Clinical waste bags
- Sharps Box
- Additional non sterile gloves
- ECMO Folder

## Communication

- Duty CATS ambulance manager aware of transfer and team resources required
- Accepting team on standby
- Receiving circuits and perfusionists on standby
- Family aware risks/benefit
- Family may not be able to travel with the child
- ECMO booklet to be given to parents
- Consent to be obtained prior to patient cannulation (surgeon)

## Transport considerations

Standard operating procedures apply

## Additional considerations

- 1) Assessment of power/gas endurance
- 2) Volume for Fluid boluses and adrenaline attached and primed to support cardiac output if required
- 3) Hand crank or other backup available
- 4) Traffic: consider 'Free passage' – phone number on CATS console, CATS consultant to activate only
- 5) Consider PSU for family transport