

Please complete if patient is admitted as an ECMO assessment, admitted on ECMO, or is placed on ECMO during their standard PICU admission to an ECMO centre.

Patient details (or hospital label)

| | | |
|--|--|--|
| Family name <input type="text"/> | Postcode <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | Case note number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |
| First name <input type="text"/> | NHS/CHI/H&C number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | Date of birth (dd/mm/yyyy) <input type="text"/> / <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |

Admission details

| | |
|--|--|
| ECMO status <input type="checkbox"/> Admitted for assessment – not a candidate <input type="checkbox"/> Admitted for assessment – did not require ECMO <input type="checkbox"/> Admitted for assessment – placed on ECMO <input type="checkbox"/> Admitted on ECMO <input type="checkbox"/> Admitted for PICU care, placed on ECMO later <i>If patient was admitted for assessment but ultimately did not receive ECMO, follow up information is still required to be completed</i> | Neurological status on admission <input type="checkbox"/> Normal <input type="checkbox"/> Mild disability <input type="checkbox"/> Moderate disability <input type="checkbox"/> Severe disability <input type="checkbox"/> Vegetative state <input type="checkbox"/> Dead Date of referral decision <input type="text"/> / <input type="text"/> / 20 <input type="text"/> <input type="text"/> |
|--|--|

ECMO details

Reason for starting ECMO

Circulatory failure
 Respiratory failure
 ECPR

Cannulation and ECMO started in

PICU/Cardiac PICU
 NICU
 Emergency department
 Adult ICU
 Cardiac theatre
 Cardiac catheter lab
 Other theatre
 Other (specify)

Cardiac surgical patient?

Yes
 No

If cardiac-surgical patient

Preoperative
 Theatre
 Post-surgery ECPR
 Post-surgery (not ECPR)
 Not related to surgery

Additional information

Cannula change?

Yes
 No

Left sided decompression?

Yes → LA vent
 No Septostomy
 Impella/Balloon device

Re-operation or catheter intervention?

Yes
 No

Renal replacement therapy during ECMO run?

Yes
 No

If yes

Reason for RRT (select all that apply)

Acute kidney injury → Stage 1
 Fluid removal Stage 2
 Anuria Stage 3
 Hyperkalaemia
 Acidosis
 Other (specify)

ECMO run complications (select all that apply)

No complication
 Mechanical
 Haemorrhage
 Neurology
 Renal
 Cardiovascular
 Pulmonary
 Metabolic
 Limb
 Other

Plasma exchange?

Yes
 No

Bloodstream infections (select all that apply)

Not tested
 No infection
 Gram + Bacteria
 Gram – Bacteria
 Mycobacterium
 Fungus (yeast & mould)
 Virus & Prions
 Protozoa
 Other

ECMO runs

Total number of ECMO runs

RUN 1

Date and time run started

ECMO mode

- VV
 VA
 VVA
 Other (specify)

Cannula type

- Dual lumen Single lumen

Dual lumen (if applicable)

- Percutaneous Surgical
 Left Right

Drainage cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

Return cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Neck Femoral
 Left Right

Additional drainage cannula

 Tick if not applicable

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

RUN 2

Date and time run started

ECMO mode

- VV
 VA
 VVA
 Other (specify)

Cannula type

- Dual lumen Single lumen

Dual lumen (if applicable)

- Percutaneous Surgical
 Left Right

Drainage cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

Return cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Neck Femoral
 Left Right

Additional drainage cannula

 Tick if not applicable

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

ECMO cannulation/mode changes

Total number of ECMO cannulation/mode changes

CHANGE 1

Date and time change started

ECMO mode

- VV
 VA
 VVA
 Other (specify)

Cannula type

- Dual lumen Single lumen

Dual lumen (if applicable)

- Percutaneous Surgical
 Left Right

Drainage cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

Return cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Neck Femoral
 Left Right

Additional drainage cannula

 Tick if not applicable

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

CHANGE 2

Date and time change started

ECMO mode

- VV
 VA
 VVA
 Other (specify)

Cannula type

- Dual lumen Single lumen

Dual lumen (if applicable)

- Percutaneous Surgical
 Left Right

Drainage cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

Return cannula (if single lumen)

- Percutaneous Surgical
 Central Peripheral
 Neck Femoral
 Left Right

Additional drainage cannula

 Tick if not applicable

- Percutaneous Surgical
 Central Peripheral
 Jugular Femoral
 Left Right

Decannulation

Indication for decannulation

- Recovery
 Died on ECMO or ECMO withdrawn
 Conversion to VAD
 Heart transplant
 Other reason for decannulation
 Not decannulated prior to discharge

Date and time of decannulation for ECMO run 1 (if applicable)

Date and time of decannulation for ECMO run 2 (if applicable)

Date and time ready for discharge from ECMO centre

ECMO follow up

Neurological status at discharge

- Normal
 Mild disability
 Moderate disability
 Severe disability
 Vegetative state
 Dead

Status at 30 days post ECMO/assessment?

- Alive Dead Unknown

Status at 180 days post ECMO/assessment?

- Alive Dead Unknown

Date and time of death (time if available)

Follow up neurological assessment by 180 days post ECMO/assessment?

- Yes No

Neurological status at 180 days post ECMO/assessment

- Normal
 Mild disability
 Moderate disability
 Severe disability
 Vegetative state
 Dead
 Unknown

Comments

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