

Donation after Diagnosis of Death using Neurological Criteria (NC) Donor Optimisation Care Bundle

Donor No Weight Height

IMMEDIATELY AFTER DIAGNOSIS OF DEATH

- Perform lung recruitment manoeuvre.
- Set tidal volume to 4-8mls/kg (ideal body weight).
- Set optimum PEEP (5 to 10cm H2O).
- Add vasopressin (0.48 to 4U/hr), where vasopressors are required. Wean noradrenaline.

Time of death..... Signed..... Name..... GMC.....

WITHIN 1 HOUR OF CONSENT/AUTHORISATION

- Administer methylprednisolone (15mg/kg, maximum 1G).
- Request an ECG.
- Request an echocardiogram.
- Request a CXR – post recruitment manoeuvre.

Time completed..... Signed..... Name..... GMC.....

WITHIN 4 HOURS OF CONSENT/AUTHORISATION

- ECG report complete.
- Echocardiogram report complete.
- CXR report complete.
- Site cardiac output monitoring, if able.

Time completed..... Signed..... Name..... GMC.....

DRUGS

- Vasopressin 20 units in 50mls 5% dextrose; rate 1.2 to 10mls/hour.
- DDAVP 1 TO 4mcg IV.
- Methylprednisolone 15mg/kg (max 1G).

CONTINUOUSLY

- Ensure ongoing lung protective strategy.
- Nurse 30-45 degrees head up.
- Continue physiotherapy including suctioning.
- Review intravascular fluid status and correct hypovolaemia.
- Wean noradrenaline as able.
- Treat DI with DDAVP.
- Continue NG feed, as directed by SNOD.
- Monitor blood glucose and treat as per unit protocol.
- Monitor serum sodium concentration.
- Continue use of mechanical thromboprophylaxis.
- Ensure prophylactic low molecular weight heparin use.
- Continue hourly observations.
- Maintain normothermia.
- Stop all unnecessary medications.
- If not already present, insert a central line (right sided IJ or SC is preferable).
- Other tests or therapies may be indicated. SNOD to direct.

GOALS

PaO₂ ≥ 10 kPa	U.O. 0.5 – 2 mls/kg/hr
PaCO₂ 5 – 6.5 kPa	Na < 150 mmol/L
pH >7.25	Glucose 4 – 10 mmol/L
MAP 60-80 mmHg	Temp 36 – 37.5 °C

Donation after Diagnosis of Death using Neurological Criteria (NC) Donor Optimisation Care Bundle

Donor NoWeight Height

	Start	+1hr	+2hr	+4hr	+6hr	+8hr	+10hr	+12hr	+14hr	+16hr	+18hr
PaO2 ≥ 10 kPa (FiO2 < 0.4 as able)											
PaCO2 5 – 6.5 kPa (or higher as long as pH >7.25)											
MAP 60 – 80 mmHg											
Cardiac index > 2.1 l/min/m² (if applicable)											
Urine output 0.5 – 2 mls/kg/hr											
Temperature 36 – 37.5 °C											
Blood glucose 4 – 10 mmol/L											
Signature											
Surname											
Date											
Time											

PLEASE RECORD ACTUAL VALUES