

Neonatal Major Haemorrhage

Neonatal O Negative RBC (flying squad) is available for immediate collection from maternity satellite fridge by trained NICU nurse or porter 24/7.

Activation of the MH alert is required

**Blood Bank
Major
Haemorrhage
mobile
number:
07580971564**
For any further
communication
with once alert
activated

Get Help 2222

Contact
switchboard
via 2222,
activate
**Neonatal
Major
Haemorrhage**
and state
location

Assess ABC

Stop overt bleeding where possible

IV Access

IV cannulae or UVC access
Send blood samples – Baby Blood Group/DATs & Mum's Sample for Crossmatch, FBC, Arterial/ venous blood gas measurement.
Consider sending clotting profile

Resuscitate ABC

IV Fluids – crystalloids or colloids – 10ml/kg & reassess (may need further boluses). Give oxygen

Before transfusion (if available)

Check patient ID

Use wristbands

Ask parent / carer
if present if
appropriate

Give Blood

Give 10ml/kg red cells & Reassess
Give Group O RhD negative if immediate need and/or blood group unknown
Blood to be given as a bolus needs to be drawn into a syringe through a filter.
Blood transfusion lab will provide group specific/crossmatched red cells as required

Prevent Coagulopathy

Anticipate need for platelets and FFP
after 30ml/kg blood replacement or continuing bleeding

Correct hypothermia Correct hypocalcaemia (keep ionised Ca >1mmol/L)

Reassess

ABC and clinical
parameters
regularly

Document status

Maintain Stability

Repeat blood gas (Hb, ionised Calcium, K, Na, Glucose)
Repeat FBC & Coagulation after every 40ml/kg blood components given
Monitor HR, BP, capillary refill, saturations, temperature, urine output

Get more help to stop bleeding

Contact Haematologist
Switchboard 24/7 – ask for Consultant Haematologist on call
Contact Great Ormond Street NICU