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Adult Major Haemorrhage Protocol

MAJOR HAEMORRHAGE PROTOCOL

Blood loss of >30% blood volume (approx. 1500ml in average adult) within 3 hours or 50ml/min

Call 2222. State "Major Haemorrhage". Give Hospital and Location

Nominated Transfusion Co-ordinator MUST CONTACT Blood Transfusion with the following:

1. Patient identification – Hospital Number, name & date of birth (or trauma patient details)
2. Patient location
3. Name and contact details of Nominated Transfusion Co-ordinator for on-going communication
4. Cause of bleeding
5. Confirm Group & screen, Full Blood Count & Coagulation Screen samples are being sent to laboratories

CALL THE BLOOD TRANSFUSION LABORATORY FOR YOUR HOSPITAL

CHARING CROSS	HAMMERSMITH	ST MARY'S
Monday-Friday 9am-5.30pm	Monday-Friday 9am-5.30pm	Monday-Friday 9am-5pm
Ext. 17112	Ext. 34772	Ext. 21157 / Trauma Ext. 22043
Bleep 8160	Bleep 9122	Bleep 1611

The Blood Transfusion Laboratory will issue:

- 4 O negative* RBCs & 4 FFP (*positive if male patient)
- Or
- 4 group specific* RBCs & 4 FFP (*if valid sample in laboratory)

(If no valid samples continue to issue emergency blood)

Once these components are collected from the laboratory

The laboratory will continue to issue 4 RBCs & 4 FFP, whilst the patient is bleeding, until stood down from MHP

At this stage consider requesting

- 1 pool platelets
- 2 pooled units of cryoprecipitate
- After 10 RBCs given consider Fibrinogen concentrate (50mg/kg) and/or Pro-thrombin Complex Concentrate (PCC)

**Administer Tranexamic Acid
(except if GI bleed)**

Porters:

- Report to Transfusion Lab to collect blood, then to ward, except for:
- SMH & CXH A+E: Emergency porter will be advised by clinical staff when to collect blood components

Availability of Blood Components for Collection

Fresh Frozen Plasma
30 minutes to thaw

Cryoprecipitate
30 minutes to thaw

Platelets
Immediate if on site

The clinical area will:

- **Nominate a Transfusion Co-ordinator to ensure effective management of blood components**
- Send full blood count & coagulation screen samples as a baseline and hourly thereafter
- Send repeat group & save sample if requested
- Ensure the patient's Consultant has been informed (if not already aware)
- Discuss on-going management including authorisation of other clotting factors with the Haematology SpR (contact through Switchboard if contact details not known)
- Where required ensure RBC are warmed appropriately
- Inform the Blood Transfusion Laboratory when **STOOD DOWN**

Imperial College Healthcare NHS Trust
MAJOR HAEMORRHAGE PROTOCOL
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Please remove and destroy any previous versions of the Major Haemorrhage Protocol

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