

# 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

Monday-Friday 9am-5.30pm

Ext. 17112

Bleep 8160

### HAMMERSMITH

Monday-Friday 9am-5.30pm

Ext. 34772

Bleep 9122

### ST MARY'S

Monday-Friday 9am-5pm

Ext. 21157 / Trauma Ext. 22043

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

Administer Tranexamic Acid

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

### 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**