

# MAJOR HAEMORRHAGE PROTOCOL

Actual or anticipated loss of >30% blood volume (approx. 1500ml in average adult) within 3 hours or 150ml/min

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

CALL THE BLOOD TRANSFUSION LABORATORY FOR YOUR HOSPITAL

## CHARING CROSS

Monday-Friday 9am-5.30pm  
Ext. 17112  
Out of hours  
Bleep 8160

## HAMMERSMITH

Monday-Friday 9am-5.30pm  
Ext. 34772  
Out of hours  
Bleep 9122

## ST MARY'S

Monday-Friday 9am-5pm  
Ext. 21157 / Trauma Ext. 22043  
Out of hours  
Bleep 1611

### Information needed by the Blood Transfusion Laboratory

- Major haemorrhage protocol being activated
- Patient identification – Hospital Number, name & date of birth (or trauma patient details)
- Patient location
- Name and contact details of person activating protocol for ongoing communication
- Cause of bleeding
- How urgently (in minutes) until blood is needed at the bedside
- Group & screen, full blood count & coagulation screen samples being sent

### The Blood Transfusion Laboratory will issue -

4 O negative\* units of blood & 4 FFP (\*positive if male patient)  
**Or**

4 group specific\* units & 4 FFP (\*if valid sample in laboratory)

(If no valid samples continue to issue emergency blood)

### Once these components are collected from the laboratory

- A further 4 units of blood and 4 units of FFP will automatically be prepared and made available for issue **UNTIL TOLD TO STOP**

### At this stage consider requesting

- 1 pool platelets
- 2 pooled units of cryoprecipitate

Consider Tranexamic Acid

**THE LABORATORY WILL CONTINUE TO ISSUE 4 BLOOD & 4 FFP AT A TIME WHILST THE PATIENT IS BLEEDING**

**CLINICAL AREA TO ENSURE THE PORTER IS SENT TO COLLECT BLOOD AND BLOOD COMPONENTS**

### Availability of Blood For Collection

Emergency O Pos/Neg red cells  
**Immediate**

Group specific blood if valid sample in the Laboratory  
**10 Minutes**

Group specific blood for unknown patients  
**60 Minutes**

Fresh Frozen Plasma  
**30 minutes to thaw**  
Cryoprecipitate  
**30 minutes to thaw**  
Platelets  
**Immediate if on site**  
Replacement delivery up to 2 hours

### The clinical area will

- **Nominate a Blood Coordinator to ensure blood & blood components are managed effectively**
- Send full blood count & coagulation screen samples as a baseline and hourly thereafter
- Send repeat group & save sample if requested
- Ensure that an emergency Porter is available (if Porter not arrived following 2222 call)
- Ensure the patient's Consultant has been informed (if not already aware)
- Discuss on-going management including authorisation of recombinant clotting factors with the Haematology SpR (contact through Switchboard if contact details not known)
- In massive haemorrhage, actively warm the patient and all transfused fluid
- Inform the Blood Transfusion Laboratory of the patient outcome, destination if moved and when to stand down