

## Appendix 4: MAJOR OBSTETRIC HAEMORRHAGE (RLH)

**TEAM LEADER to ACTIVATE MAJOR OBSTETRIC HAEMORRHAGE PROTOCOL**

To **NOMINATE** a member of team as **COMMUNICATION LEAD**

### Indication

- Haemodynamically unstable patient due to rapid and ongoing bleeding
- Any blood loss of 1.5 L – 2.0 L and ongoing blood loss
- Ongoing blood loss likely to need > 4 units of Red Blood Cells (RBC)
- Determine if Cell Salvage available and appropriate to use

**COMMUNICATION LEAD to CALL the lab:**

RLH
Ext: 61108

### STATE:

- MAJOR OBSTETRIC HAEMORRHAGE
- patient unique identifier & date of birth
- Location of patient
- Your Name, Bleep or Extension number

### REQUEST PACK A:

- 6 RBC Collect from [Remote Fridge]
- 4 FFP (takes 20-30 mins to thaw)

**SEND porter / runner to lab to COLLECT FFP**

**PRIOR TO TRANSFUSION**, take baseline blood samples for:

FBC, G&S, clotting screen and fibrinogen (Near patient testing – ABG/capillary gas, ROTEM)

**COLLECT from REMOTE FRIDGE: O Negative RBC**

- Administer 1 gram (iv) **TRANEXAMIC ACID**, and repeat the dose if bleeding persists after 30 min, or recurs within the first 24 hours

Ensure consultant obstetrician and anaesthetist have been contacted. Contact on-call Haematology SpR on bleep 2075 or via the switchboard out of hours Haematology SpR to liaise with Blood transfusion lab

### IF BLEEDING CONTINUES: Request PACK B

Anticipate need! Request early, before completion of previous pack.

- Collect PACK B: 6 RBC [Remote Fridge]
- **Send porter to lab to collect:**  
4 FFP + 2 CRYO + 1 PLT  
(FFP & CRYO take 20-30mins to thaw)
- Move to Group Specific RBC as soon as possible
- Continue requesting **PACK B** until bleeding stops

### BLEEDING PERSISTS:

- Contact General Haematology SpR on **45856**
  - Consider rFVIIa
- Out of hours:** Contact on-call General Haematology SpR via **Switchboard**

### ONCE BLEEDING CONTROLLED

Repeat: **FBC & CLOTTING**

IF	GIVE
PLT <100 x 10 <sup>9</sup> /L	PLT x 1
Fibrinogen <2g/L	CRYO x 2
PT / APTT ratio >1.5	FFP
CA <sup>2+</sup> <1mmol/L	Ca

**STEP DOWN MAJOR HAEMORRHAGE**

### CONTACT NUMBERS RLH (OBSTETRIC)

Department / Key staff	Contact Number	Location
A&E Resus	40869	Main Hospital
Blood Transfusion Laboratory	61108 (Haemorrhage) 60344	4th Floor, P&P Building
Haemostasis Registrar (DECT)	46313	Main Hospital
General Haematology Registrar (DECT)	45856	4th Floor, P&P Building
ITU Registrar	45715	Main Hospital
Children & Obs Theatre Coordinator		Main Hospital
Main Theatre Coordinator	45662	Main Hospital

### LOCATION of BLOOD FRIDGES (RLH)

Number	Floor	Location	Building
1	Ground Floor	Accident & Emergency Resus	Main Hospital
2	1st Floor	Interventional Radiology	Main Hospital
3	2nd Floor	Haematology Day Unit*	Main Hospital
4	3rd Floor	ACAD Theatres	Main Hospital
5	4th Floor	Acute Critical Care Unit	Main Hospital
6	4th Floor	Main Theatres	Main Hospital
7	6th Floor	Paediatric Theatres	Main Hospital
8	9th Floor	Renal Department	Main Hospital
9	12th Floor	12D Ward	Main Hospital
10	4th Floor	Blood Transfusion Laboratory	P&P Building

NOTE: \* [Haematology Day Unit](#) (RLH) Blood Fridge limited access

### LOCATION of HAEMOSTATIC AGENTS at RLH

Agent	Location (RLH)
<b>Octaplex</b>	Inpatient pharmacy, ED, HEMS, Haemophilia centre*
<b>Recombinant Factor VIIa</b> <b>Novoseven</b>	Inpatient pharmacy, Haemophilia centre*
<b>Fibrinogen concentrate</b>	Haemophilia centre*

\*Haemophilia centre stock accessible through discussion with Haematology SpR (via switchboard out of hours; bleep 1155 at Royal London Hospital in hours for Haemophilia Registrar).

Please note: prescribing medications and getting drugs from the pharmacy is the responsibility of the clinical team that the patient is under.