

Appendix 11: MAJOR OBSTETRIC HAEMORRHAGE (NUH & WXH)

TEAM LEADER to ACTIVATE MAJOR OBSTETRIC HAEMORRHAGE PROTOCOL

CALL: 2222

To NOMINATE a member of team as COMMUNICATION LEAD

Indication

- Any 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:

NUH	WXH
Ext: 3280	Ext: 5035 or Bleep 2168

STATE:

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

REQUEST PACK A:

- 6 RBC [Issued from Lab for immediate collection]
- 4 FFP (takes 20-30 mins to thaw)

SEND porter / runner to lab to COLLECT PACK A

PRIOR TO TRANSFUSION, take baseline blood samples for:

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

- 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 anesthetist 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

Consider the collection time and distance from the laboratory if unable to wait for **RBC** from the lab,

COLLECT FLYING SQUAD from SATELLITE FRIDGES
(2 x O Negative RBC available)

IF BLEEDING CONTINUES: REQUEST PACK B

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

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

BLEEDING PERSISTS:

- Contact Haematology SpR: WXH **2075**, NUH **4130**
 - 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 ⁹ /L	PLT x 1
Fibrinogen <2g/L	CRYO x 2
PT / APTT ratio >1.5	FFP: 20ml/kg
CA ²⁺ <1mmol/L	Ca

STEP DOWN MAJOR HAEMORRHAGE

Contact Numbers NUH (OBSTETRICS)

Department / Key staff	Contact Number	Location
A&E Resus	8177	Main Hospital
Blood Transfusion Laboratory	3280 8123	Zone 3, Ground Floor, Pathology Department
Haematology Registrar Bleep	4130 / 4247	Main Hospital
Haemostasis Registrar (DECT)	46313	

Location of Blood Fridges (NUH)

Number	Floor	Location	Building
1	Ground Floor	Accident & Emergency Department	Main Hospital
2	1st Floor	Theatres (Zone 8)	Main Hospital
3	4th Floor	Theatres Gateway	Gateway Surgical Centre
4	Ground Floor	Blood Transfusion Laboratory	Main Hospital

Location of Haemostatic Agents at NUH

Agent	NUH
Octaplex	Transfusion lab
Recombinant Factor VIIa Novoseven	Intensive care unit fridge
Fibrinogen concentrate	Not currently available on site**

**If fibrinogen concentrate required urgently at NUH, please discuss with the Haematology SpR (bleep 1243 in hours or via switchboard out of hours) who can arrange transfer from RLH.

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

Contact Numbers WXH (OBSTETRIC)

Department / Key staff	Contact Number	Location
A&E Resus	4155	Main Hospital
Blood Transfusion Laboratory	5035 2168	Junction 2, 2nd Floor, Pathology Department
Haematology Registrar Bleep	2075 / 2076 / 2352	Main Hospital
Haemostasis Registrar (DECT)	46313	

Location of Blood Fridges (WXH)

Number	Floor	Location	Building
1	Ground Floor	Accident & Emergency Dept.	Main Hospital
2	Ground Floor	Theatres	Main Hospital
3	Ground Floor	Plane Tree Theatres	Outpatient Building
4	Ground Floor	Acorn Ward	Main Hospital
5	Ground Floor	Woodlands Day Unit	Woodland
6	Ground Floor	Maternity Department	Maternity Unit
7	2nd Floor	Blood Transfusion Laboratory	Main Hospital

Location of Haemostatic Agents At WXH

Agent	WXH
Octaplex	Transfusion lab
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