

Appendix 6: MAJOR HAEMORRHAGE IN CARDIAC THEATRES (SBH)

TEAM LEADER To ACTIVATE MAJOR CARDIAC HAEMORRHAGE PROTOCOL
To Nominate a member of team as Communication lead
to Call the Blood Transfusion lab on Ext 57416

Indication:

- Haemodynamically unstable patients due to rapid and continuous 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 (SBH) lab on EXT 57416 STATE:

- **MAJOR CARDIAC HAEMORRHAGE**
- **patient unique identifier &**
- **date of birth**
- **Location of patient**
- **Your Name, Bleep or Extension number**
- **Request PACK A (6 RBC [Remote Fridge] + 4 FFP + 2 PLT)**

Take baseline blood samples prior to transfusion for:

- FBC, Group & Screen, clotting screen, fibrinogen, blood gases

Give TRANEXAMIC ACID 2g IV or Aprotinin (the latter should be given at clinician's discretion)

Stop/reverse anticoagulation (heparin, warfarin) if administered early

COLLECT from REMOTE FRIDGES

- **O Negative RBC for Females**
- **O Positive RBC for Male**

For catastrophic bleed use
PACK C (8 RBC) from
REMOTE FRIDGE

- **Send porter / runner to collect FFP (FFP takes 20-30 mins to thaw)**

IF BLEEDING CONTINUES

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

ONCE BLEEDING CONTROLLED
REPEAT FBC, CLOTTING & U&Es

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

BLEEDING PERSISTS

Contact Haematology SpR on
 Bleep 1155 and Consider rFVIIa

Out of hours:
 Contact on-call SpR via
Switchboard

Contact Numbers SBH (CARDIAC)

Department / Key staff	Contact Number	Location
Blood Transfusion Laboratory	57416 (Haemorrhage) 56130	2nd Floor, Pathology Building, North Wing
General Haematology Registrar (DECT)	45856	RLH
Haemostasis Registrar (DECT)	46313	RLH Main Hospital

Location of Blood Fridges (SBH)

Number	Floor	Location	Building
1	1st Floor	1E Ward	KGV Building
2	1st Floor	Theatres	KGV Building
3	6th Floor	6A Ward	KGV Building
4	7th Floor	7A Ward	KGV Building
5	2nd Floor	Blood Transfusion Laboratory	Museum Building

Location of Haemostatic Agents at SBH

Agent	SBH
Octaplex	Inpatient pharmacy Emergency reversal cupboard 1C ward
Recombinant Factor VIIa Novoseven	Inpatient pharmacy Emergency reversal cupboard 1C ward
Fibrinogen concentrate	Inpatient pharmacy

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