




# Massive Hemorrhage Protocol (MHP)

## ACTIVATE

- Designated member of clinical team (RN, MD, etc) calls Transfusion Medicine (TM) lab
- Provide **key information** 



### Key Information For Transfusion Medicine (TM) lab

- Demographics (name, pMRN/ULI, sex, weight)
- MRHP
- Current patient location
- If the patient will be moved
- Contact name and number for future communication with Transfusion Medicine lab
- Indication for MHP

## SEND PORTER IMMEDIATELY

1. Send porter (or designate) with pick-up slip stat to TM to collect and deliver Pack 1A
2. Porter returns immediately with pick-up slip to TM to collect and deliver Pack 1B (This is NOT applicable if the patient is pre-arrival. In this case communicate with TM when Pack 1B is required)

**Pack 1A**  
Red Blood cells x 4  
Fibrinogen concentrate x 2g

**Pack 1B**  
Red Blood cells x 2  
Plasma x 2-4  
Additional products as needed

## COMMUNICATE

- Notify Transfusion Medicine if the patient's location is changing
- Call Transfusion Medicine if blood products beyond Pack 1A and 1B are required (subsequent packs 2, 3, 4, etc will not be split)
- Call Transfusion Medicine to terminate MHP if no longer required
- **Physician required to consult the on-call Transfusion Medicine MD within 15 minutes of activation**



### Quick Tips!

- Keep the patient **warm**- deliver blood through a warmer
- Correct **hypocalcemia**
- Correct **acidosis**
- Consider giving **tranexamic acid**
- Send CBC, INR, fibrinogen every 30 minutes
- Monitor ABG
- MHP can be activated pre-arrival in the emergency department
- Every MHP Pack 1A comes with a feedback form to fill out!