## IMPORTANT CONTACT NUMBERS

BLOOD BANK: Ext. 24064 | NURSING SUPERVISIOR: Ext. 25056 | SURGERY (MAIN): Ext. 22293

## Massive Transfusion Protocol

Physician notifies the primary RN of the need to activate the Massive Transfusion Protocol. (Order Blood Transfusion - Massive Transfusion in Cerner)

The charge nurse will immediately notify blood bank of the activation and provide the patient's name & MR number.

**TRAUMA:** Consider Tranexamic acid 1gram/100ml Normal Saline IV over 10 mins (100mg/min) via infusion pump w/in 3 hrs of injury, followed by maintenance dose 1gram/500ml over 8 hr

**OBSTETRICS:** Cryoprecipitate 2 adult dose units IV (1 adult dose = 5 units random donor) given after initial 6 RBCs + 6 u FFP + 1 Platelet Pheresis

Effective blood-warming measures should be implemented during transfusion of blood products. **Transfusion of platelets and cryoprecipitate should not be warmed.** It is imperative to alternate blood products to maintain at 1:1:1 ratio during transfusion.



BB coordinates
with Red Cross
to ensure
sufficient
products are
available

Blood Bank anticipates release of 6u RBCs + 6 u FFP + 1 Platelet pheresis (uncrossmatched if indicated)

Pack #1 immediate release of 3 u RBCs + 2 u FFP + 1 Platelet Pheresis (Platelets kept at room temp)

Blood bank will begin thawing the remaining 4 u FFP (expectation thawed and available within 30 minutes)



Type & Cross ASAP

Pack #2 releases 3 u PRBCs + 4 units FFP (will complete MTP #1 for total 6:6:1)

Pack #3 releases 3u RBCs + 3u FFP + 1 Platelet Pheresis

(Platelets kept at room temp)

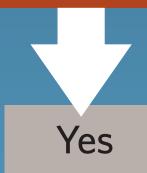
Cryoprecipitate 2 adults dose units (Obstetrical Hemorrhage Only)

Every 30-60 mins

Pack #4 releases 3 u PRBCs + 3 units FFP



Monitor for Hemostasis & resolution of coagulopathy



## Stop MTP

- MD or designee notifies Blood Bank
- Return any unused products ASAP
- Resume standard ordering practices
- Need order to stop MTP, verified verbally or by computer

## Lab Studies

Hemoglobin,
hematocrit, platelet,
PT, PTT, INR,
lonized calcium,
fibrinogen and TEG
if available.

Blood bank will continue to release MTP packs containing 3 u RBCs + 3 u FFP + Platelet Pheresis until the MTP is terminated by attending physician.

Once laboratory data are available, resuscitation should be goal directed based on the laboratory findings and clinical evidence of ongoing bleeding.