**MASSIVE TRANSFUSION CHECKLIST**

**Processing Order**

1. Document verbal order on internal UNXM form.
* UNXM blood not previously ordered (MTP is 1st blood order) or female less than 50 use paperwork for pre-packed Universal Donor 6 pack
* MTP subsequent to UNXM order **and** male or female >50 use paperwork for pre-packed mobile refrigerator
1. Read back patient name, MR# & order
2. Remind Clinical staff to place EPIC order for MBT (Massive Blood Transfusion)
3. UNXM blood not previously ordered or delay in availability of mobile storage device:
	* Remove paperwork for pre-packed Universal Donor 6 pack O UNXM blood and Emergent plasma from refrigerator
	* Add patient name and MRN to unit tags and Issue log
	* Add unit number sticker from Emergent plasma units to Issue log
	* Place Hematemp sticker on back of units
	* Pack 6 units of UNXM Universal donor RBC and 3 Jumbo units of plasma reserved for Emergent use (or equivalent of 6 units of plasma) in Cooler

**O POS RBC are considered Universal donor except for F less than 50Y/O**

* + Retain the internal UNXM form in the Transfusion Service
	+ Deliver products to specified location.
	+ Verify required information according to Issue procedure and document on Manual Issue log
	+ Return Issue log to tech
	+ Continue to provide Coolers if delay in availability of mobile storage device, otherwise proceed to #5
1. After 1st Cooler is delivered or when mobile storage device is immediately available:
	* Remove segment rack and sealed bags of PRBC from pre-stocked mobile storage device
	* Break seal and remove PRBC from bag
	* Remove 3 Jumbo units of plasma reserved for Emergent use from stock refrigerator (2 AB and 1 A Jumbo equivalent)
	* Add patient name and MRN to unit tags and Issue log on top of refrigerator
	* Add unit number sticker from Emergent plasma units to Issue log
	* Stamp top of Issue Log with Mobile Refrigerator stamp
	* Record internal temperature of thermometer
	* Perform visual inspection of units and return PRBC and plasma units to mobile storage device. Close compartment/door
	* Allocate 1 Plateletpheresis. Put “Store at Room Temperature sicker” on platelet unit tag. Place into RT compartment or on top of storage device. Add unit number to Issue Log.
	* Copy Issue Log and attach original to top of mobile storage device
	* Retain the internal UNXM form in the Transfusion Service
	* Unplug mobile storage device and transport to requesting location (If OR, call to alert them that storage device is in transit). Bring both copies of Issue Log form with you.
	* Check patient ID on Issue Log (including BB armband # if Type Specific or Crossmatched blood is being used) and Blood request slip with clinical staff.
	* Have staff sign “copy” of log. Instruct them to PLUG IN the storage device, if applicable, when it is at patient bedside.
2. Returned signed copy of Issue Log to Transfusion Service
3. Immediately begin thawing type compatible or universal donor plasma to achieve 1:1 ratio of plasma to RBC issued/transfused. *Note: Single donor products thaw in approximately ½ the time of Jumbo products. In order to prevent delays, it may be most expedient to thaw combination of single and Jumbo products.*
4. Assess blood inventory level and staff availability. Order products or call in staff as needed.

30 “O” RBC

Equivalent of 30 units “AB” or type compatible FFP

4 pooled or 20 individual Cryo

3 Plateletpheresis

7) The EPIC order for MBT will generate the following SQ orders: ERUXM, XM, TFFP, and TPLT

1. Allocate, label and issue, 1 Plateletpheresis with each mobile storage device of product.
2. Print extra XM accession number labels in Sunquest
3. Pull 6 more type appropriate RBC

11) Complete patient identification section of UNXM unit label (Sunquest label OK )

12) Attach UNXM label tag to all products given until crossmatched products are available.

13) Pack monitored mobile storage device. *See steps 6-13 below for instructions*

14) Communicate with Trauma/OR physician/nursing personnel when additional products are available and regarding additional needs

15) Allocate units to patient in LIS as time permits

16) Complete crossmatch testing

17) Notify nursing/OR personnel when cross matched products are available

18) Update issued products in LIS as time permits

**Packing Monitored mobile storage device for immediate use**

1. Pull 2 unit number stickers from back of unit
2. Place 1 on segment tube & 1 on Issue Log
3. Place segment in rack. Retain rack in Transfusion Service
4. Write unit number on Request for UNXM blood form
5. Continue steps 1-4 until all units have been processed
6. Perform visual inspection of labeled units (*See step 11& 12 above*) and place PRBC and plasma units tagged with UNXM unit tag, if available into mobile storage device. Close compartment/door
7. Copy Issue Log and attach original to top of refrigerator
8. Notify OR/TNI/ICU that mobile storage device is ready for pick up
9. When picked up, verify patient ID on Issue Log (including BB armband # if Type Specific or Crossmatched blood is being used) and Blood request slip with OR/nursing staff
10. Have OR/nursing staff sign “copy” of log. Instruct them to PLUG IN the mobile storage device, if applicable, when it is delivered to OR suite/patient room
11. Retain the internal UNXM form in the Transfusion Service
12. Retain signed “copy” of Issue Log in Transfusion Service