

CODE OMEGA / MASSIVE TRANSFUSION PROTOCOL (MTP)

Please follow our current policy and procedure, "Massive Transfusion (MTP) – Adult or Pediatric 50 Kg and Greater", to care for patients during an MTP. Below is the flow process from that policy, with changes noted.





In future state, the overall flow of an MTP remains the same. General documentation of any critical event also remains the same. However, there are two notable changes:

- 1. The charge nurse / designate will now enter the Porter through CareAware.
- Blood administration documentation will now be captured entirely through BRIDGE Blood Transfusion. However, to ensure safe flow, blood product issue sheets will continue to be sent with each blood product. See *"Tip Sheet Bridge – MTP"* for instructions related to transfusing blood products during an MTP.

Process to Initiate MTP:

- A. MTP Physician Lead or Designate gives order to activate MTP (verbal, telephone or written)
- B. Charge Nurse / Designate to:
 - a. Call Transfusion Medicine
 - b. Enter for Porter in CapacityManagment (CareAware)
 - c. Enter MTP PowerPlan (if Prescriber unable)
 - d. Call Resource Center at extension 55555 for overhead Code Omega







Entering MTP PowerPlan:

- 1. Navigate to "Orders" section of Powerchart
- 2. Select add
- 3. Search key word (ex: MTP1, Massive Transfusion Protocol 1), then click Done



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- 4. Confirm Orders with MRP by selecting/unselecting checks from left of orders Note: select /unselect need for Fibrinogen, Tranexamic Acid, Vitamin K, Labs
- 5. Click Initiate now

	2 8		Component	Status	Dose	Details		
IV	V Mainter	ance	: Therapy					
A		8	sodium chloride 0.9% intravenous solution			SOLN-IV, IV-CONTINUOUS, 30 mL/hr Warmed		
AN	Medicatio	ns						
p	rocoaqui	ants	- Tranexamic Acid					
		3	LOADING DOSE:					
		9	tranexamic acid			1 g, IV, INJ, once, IV direct to be administered by physician only; undiluted; at a max rate of 100 mg/minute		
C	Calcium R	eplac	ement					
		0	calcium chloride			1 g, IV, INJ, once, PRN electrolyte management, Administer over: 10 minute(s)		
V	/itamin K	5						
		3	phytonadione (Vitamin K1 (phytonadione))			10 mg, IV, INJ, once, Administer over: 10 minute(s)		
						In 50 mL sodium chloride 0.9% over at least 10 minutes (Monitor for severe adverse reactions, i.e. anaphylaxis)		
4 L	aborator	ŧ						
N	VTP Pack	1						
		9	As the ordering physician, I declare that the clinical s	ituation war	ranted the rel	ease of Uncrossmatched Red Cells and I understand the responsibility and risks associated.		
P			Communication Order			T;N, Use Rapid Transfuser Device to transfuse blood		
P	68		MTP 1			6.4.1 second at the protocol strategies and a protocol of parts of protocol		
		20400				As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells a		
A	68		TRANSFUSE Red Blood Cells			Transfuse Quantity: 6, Unit, Transfuse Over: each as fast as possible		
R	68	2	TRANSFUSE Frozen Plasma		Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible.			
A	68		TRANSFUSE Platelet Product			Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible		
	68	2	Factor I Fibrinogen Product			Stat, 4, FIB < 2, MTP		
	68		TRANSFUSE Fibrinogen			Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once		
R			Pickup/Delivery Ready Order			Stat, MTP, MTP		
S	TAT Labs	6						
P			Complete Blood Count (CBC)			Blood, Stat, once, T;N, Nurse collect		
A	122		Fibrinogen Assay			Blood, Stat, once, T;N, Nurse collect		
R	8		INR			Blood, Stat, once, T;N, Nurse collect		
A	8		Activated Partial Thromboplastin Time (APTT)			Blood, Stat, once, T;N, Nurse collect, MTP		
A			Sodium			Blood, Stat, once, T;N, Nurse collect		
R			Potassium			Blood, Stat, once, T;N, Nurse collect		
R			Chloride			Blood, Stat, once, T;N, Nurse collect		
A			Glucose Random			Blood, Stat, once, T;N, Nurse collect		
		12	Creatinine			Blood Stat. once T:N. Nurse collect		

6. A box will pop up to confirm ordering physician



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- 7. A blue icon will display beside orders that are missing details, double click on these items
- 8. Follow the prompts to fill in these details

	Order Name	Status	Start	Details					
🛞 🖻 🛞	INR	Order	2024-Oct-12 10:09	Blood, Stat, once, 12/Oct/2024 10:09 EDT, Nurse callect, Track Order on Worklist					
d e	MTP 1	Order	2024-Oct-12 10:09	1-12 10:09 6, 4, 1, Blood As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsite As the ordering physician is the clinical situation warranted the responsite the clinical situation warranted the c					
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🥐 🖻	Complete Blood Cou	Order	2024-Oct-12 10:09	2024-Oct-12 10:09 Blood, Stat, once, 12/Oct/2024 10:09 EDT, Nurse collect, Track Order on Worklist					
	Fibrinogen Assay	Order	2024-Oct-12 10:09	224-Oct-12 10:09 Blood, Stat, once, 12/Oct/2024 10:09 EDT, Nurse collect, Track Order on Worklist					
	Activated Partial Thro	Order	2024-Oct-12 10:09	Blood, Stat, once, 12/Oct/2024 10:09 EDT, Nurse collect, MTP, Track Order on Worklist					
a	Sodium	Order	2024-Oct-12 10:09	Blood, Stat, once, 12/Oct/2024 10:09 EDT, Nurse collect, Track Order on Worklist					
	Potassium	Order	2024-Ort-12 10:09	Blood. Stat. once. 12/Oct/2024 10:09 EDT. Norse collect. Track Order on Worklist					
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- Navigate to Specimen Collection Note: this window will also specify blood draw tube colours
- 2. Select the collapsed menu icon
- 3. Print label Note: print labels <u>before</u> selecting "collected" as this will clear the specimen from your



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MTP2

If MTP2 is required, follow the same steps and repeat using "MTP2" or "Massive Transfusion Protocol 2"

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