

Massive Transfusion Protocol

Getting blood products to the unit/OR

UCSF Medical Center

Massive Transfusion Protocol (MTP) –Uncrossmatched RBCs (O neg), FFP (AB) & Platelets

- **MTP** –you get a set of products: PRBCs x 4 units, FFP x 4 units & Plts x 1
- **The PRBCs can be ready for pick up in 5 minutes. FFP and platelets can be ready for pick up in 10 minutes.**
- **Indication:** When blood products are needed emergently for actively bleeding patients regardless of whether a current Type& Screen is available (expired/not done).

Procedure:

- I. CALL the Blood Bank:**
- | | |
|---------------------|----------|
| <u>Parnassus:</u> | 353-1313 |
| <u>Mission Bay:</u> | 476-1404 |
| <u>Mt Zion:</u> | 885-7791 |

Follow script below

1. “We need to activate the Massive Transfusion Protocol.”
2. “The patient’s name is _____ and medical record number is _____.”
3. “The location is _____ unit/OR# **at** Parnassus/MissionBay/MZion site.”
4. “The ordering provider is _____ (*full name*).”
5. “The unit/OR contact person is: _____ @ phone #: _____ (point person to take calls from blood bank if needed)”
6. “We will send a runner with a patient label to get the blood.”

- II. Patient Labels:** Obtain a patient label to send with runner to blood bank. Instruct the runner to go to front of line at Blood Bank and tell staff “I am here to pick up MTP blood products”. A patient label must be brought to the Blood Bank for all subsequent pick up runs.

- III. SEND runner to Blood Bank** to pick up blood with patient label.

Parnassus: Moffitt 5th Floor / **Mission Bay:** 2nd Floor-Room M-2348 / **Mt Zion:** 2nd Floor-Room B-235

If more blood is needed, a second/third MTP cycle should be ordered by PHONE call to Blood Bank –Ask to speak to the *Lead Tech* & use script above and tell them, “we need a 2nd cycle of MTP” or “we need a 3rd cycle of MTP”, etc. **ALWAYS send down a patient label with runner who goes to Blood Bank to get blood.**

RETURN any blood products not needed to the Blood Bank ASAP.

- IV.** *If possible draw a blood sample for a Type and Screen BEFORE blood products are infused.* Ask provider to order lab test (Type & Screen) and send to lab as soon as possible. This is used for future product set up.
- V.** Massive Transfusion Protocol order must be entered into APeX within 24 hrs by provider.

Emergency Release Protocol

Getting blood products to the unit/OR

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Emergency Release Protocol – Typically used for uncrossmatched RBCs (O neg), yet FFP (AB), Cryoprecipitate & Platelets can also be ordered for emergency release

- **PRBCs can be ready for pick up in 5 minutes.**
- **FFP and platelets can be ready for pick up in 10 minutes.**
- **Cryoprecipitate can be ready for pick up in 15 minutes.**
- **Indication:** When specified blood products are needed emergently for actively bleeding patients regardless of whether a current Type & Screen is available (expired/not done).

Procedure:

- I. CALL the Blood Bank:**
- | | |
|---------------------|----------|
| <u>Parnassus:</u> | 353-1313 |
| <u>Mission Bay:</u> | 476-1404 |
| <u>Mt Zion:</u> | 885-7791 |

Follow script below

1. “We need to activate Emergency Release Protocol”
2. “The patient’s name is _____ and medical record number is _____”
3. “The location is _____ unit/OR# **at** Parnassus/MissionBay/MZion site.”
4. “We need _____ (specify the product type(s) & number of units needed)
5. “The contact person here on the unit is: _____ (point person to take calls from blood bank if needed)
6. “The ordering provider is _____ (*full name*)”
7. “We will send a runner with a patient label to get the blood”

II. Patient Labels: Obtain a patient label to send with runner to blood bank. Instruct the runner to go to front of line at Blood Bank and tell staff “I am here to pick up Emergency Release blood products”.

A patient label must be brought to the Blood Bank for all subsequent pick up runs.

III. SEND runner to Blood Bank to pick up blood with patient label.

Parnassus: Moffitt 5th Floor / **Mission Bay:** 2nd Floor-Room M-2348 / **Mt Zion:** 2nd Floor-Room B-235

If more blood is needed, order by PHONE call to blood bank (*ask to speak to Lead Tech*) and use script above & send labeled Pick Up Slips with runner who is going to Blood Bank to get blood. RETURN any blood products not needed to the Blood Bank ASAP.

IV. *If possible draw a blood sample for a Type and Screen BEFORE blood products are infused.* Ask provider to order lab test (Type & Screen) and send to lab as soon as possible. This is used for future product set up.

V. Emergency Release orders must be entered into APeX within 24 hrs by provider.