

# PROCEDURE

**Title:** Massive Transfusion Protocol

**Procedure #:** 2015BLOODBANK50

Institution: Highlands Regional Medical Center

Address: 3600 Highlands Avenue, Sebring Florida 33870

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Date: 5/29/2015

Title: Laboratory Administrative Director

Accepted by: *G. Stelfox* Date: 6-1-15

Title: Laboratory Medical Director

Date Patient Testing Implemented: 6/1/2015

Review of procedure every two years

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

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Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Discontinued testing date: \_\_\_\_\_

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**Policy Title: Massive Transfusion Protocol Policy**

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**Audience: Laboratory Staff**

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**References and Citations:**

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Policy:

A massive transfusion protocol (MTP) will be available for all patients who present in hemorrhagic shock. It is meant to:

1. Provide immediate access to blood
2. Provide access to large quantities of blood/components
3. Reduce the incidence of coagulopathy in patients in hemorrhagic Shock

MTP will be initiated/discontinued by the physician in charge of the patient.

Procedure:

- A. Initiation of Massive Transfusion Protocol (MTP)
  1. Physician should notify Blood Bank via phone
  2. He/She will provide the following information:
    - a. Patient name or designation
    - b. Patient Age (if known)
    - c. Patient's gender
    - d. Patient Medical Record number and date of birth (if known)
- B. Delivery of 4 uncrossmatched "O" units
  1. Physicians has the option of getting 4 "O" units
  2. Inquire if units are needed, deliver if requested
    - a. Give Rh Negative if patient is female
    - b. Give Rh Positive if patient is an adult male
- C. Immediately type the patient's specimen
- D. Evaluate blood bank products on hand and immediately place a 'stat' order for any units needed for the MT patient and to replace inventory.
- E. Prepare the first packet (MTP1), which consists of:
  1. 6 units uncrossed type specific packed red cells, deliver when ready
  2. 6 units of Fresh Frozen Plasma (FFP), deliver when ready
  3. 1 unit of Apheresis platelets or 6 single units of platelets when available
- F. Prepare the second trauma packet (MTP2), which consists of:
  1. 6 units crossed/uncrossed type specific packed red cells, deliver when ready
  2. 6 units FFP, deliver when ready
  3. 1 unit of apheresis platelets or 6 single units of platelets
- G. After delivery of first MTP1 packet, inquire if MTP is to continue
  1. YES: continue with MTP2 packets, inquire after each delivery if MTP is to continue
  2. NO: stop MTP2 packet deliveries

H. Note:

1. Releasing units:
  - a. Print up compatibility forms as needed
2. Unused blood will be returned to the Blood Bank by the primary nurse
3. Complete the "Authorization for Uncrossed Blood" form for all uncrossmatched units that were **given and make sure the ordering physician signs for these units.**