MASSIVE TRANSFUSION POLICY: FLOW DIAGRAM

Trauma patient arrives in ED and is assessed for potential need ** for massive transfusion by the attending trauma surgeon.

** Activate Massive Transfusion Protocol

- Blood Products ordered as needed per protocol
- Blood Bank Releases
  - 2 units PRBC
  - 2 units Plasma

Pt present

Runner delivers clot to blood bank. ABG is sent to lab

- CBC, INR/PTT, Fibrinogen, ABG and Ionized calcium is sent to lab immediately and 
- ** every hour until protocol is stopped.

Blood Bank Releases

- Pt observed for ongoing need for blood products.
  - Yes *
  - Blood Bank releases
    - 2 units of PRBC’s
    - 2 units Plasma
  - Pt observed for ongoing need for blood products.
  - Yes *
  - Blood bank releases
    - 2 units of PRBC’s
    - 2 units of FFP
  - Continue protocol as above until patient is adequately resuscitated. Protocol will be stopped by attending trauma surgeon when appropriate.

- No
  - Blood Bank prepares
    - 1 pack platelets and calls for pickup when ready
  - Blood Bank calls ED when platelets are ready for retrieval.

**Consider in
- Vascular injuries
- multiple ortho injuries
- intraabdominal injuries with suspected bleeding

**GOAL:**
1. Pt/PTT < 1.25X
2. Platelet > 50,000
3. Fibrinogen > 100 ug/dl

**Blood Bank expect.**

Before arrival

- On patient arrival
  - Runner delivers clot to blood bank. ABG to Lab