MASSIVE TRANSFUSION PROTOCOL (MTP)

**ED - OR - ICU**

Initiation of the Massive Transfusion Protocol (MTP):

Only the ED or TES attending physician, chief resident/acting chief resident directly involved in the care of the patient may implement the protocol.

Call the Blood Bank at **74239** stating “initiate the Massive Transfusion Protocol”

Order Massive Blood Transfusion Protocol in EPIC.

May Initiate MTP as verbal order to:

- ED - Nurse Scribe
- ICU - Bedside RN
- OR - Circulating RN/Charge RN

**ED Scribe/ OR Charge Nurse/ICU Charge Nurse:**

*First receiving location assures a blood specimen is sent to the blood bank ASAP.

Gives BB the following information:

- Physician responsible
- Patient name
- MRN
- Brief description of mechanism of injury i.e. crush, MVC, etc
- *Remains sole contact with the BB provides immediate notification of destination when patient leaves initial location*
- Informs receiving nurse at next destination that MTP is in progress

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**WVU TXA Protocol**

TXA should be administered to patients that meet any of the following criteria if within the first 3 hours:

- Hypotensive
- Receiving blood transfusions
- On initiation of the massive transfusion protocol
- Actively bleeding or with clinical concern for ongoing bleeding

TXA should be withheld if patients meet either of the following criteria:

- Time since injury is greater than three hours
- Isolated traumatic brain injuries

TXA Dosing

- 1g bolus over 10 minutes
- 1g infusion over 8 hours

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