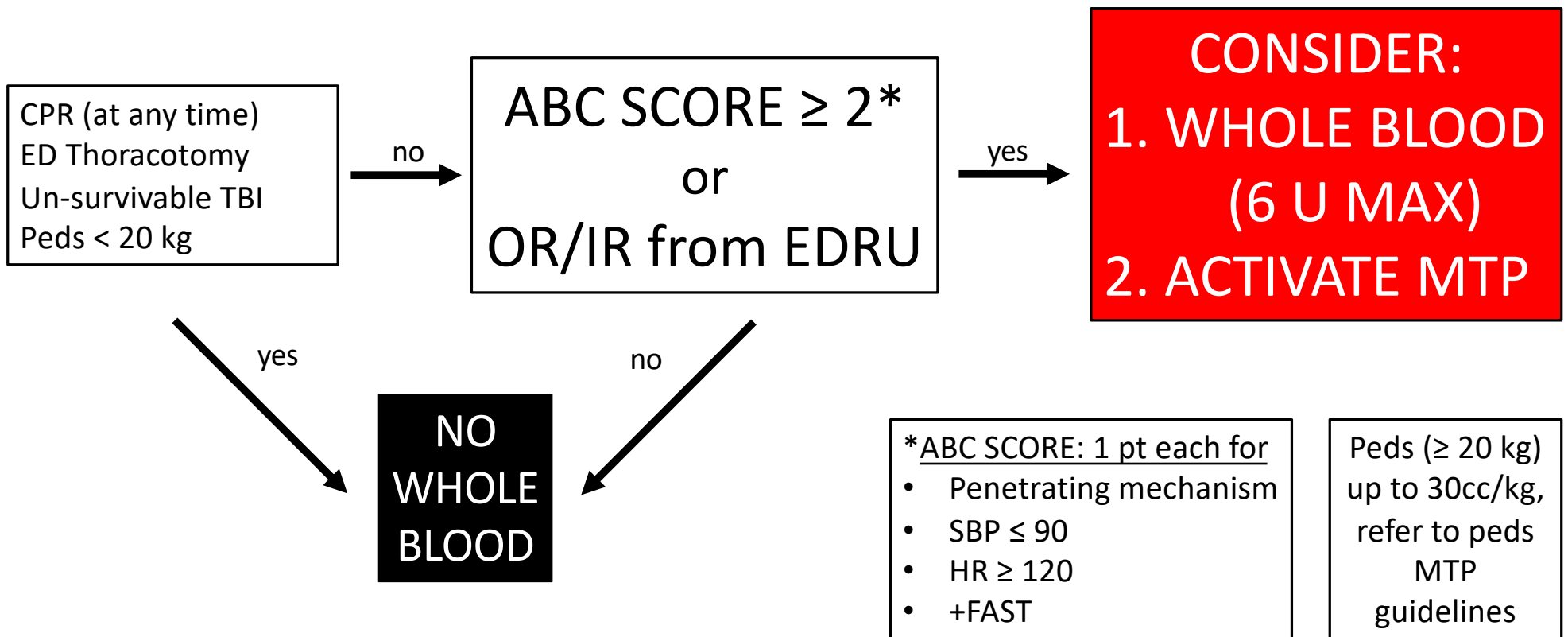




# Whole Blood Resuscitation For Severe Traumatic Injury



Title: Pediatric Massive Transfusion Protocol Flowchart	Effective Date:
Applicability: UNM University Hospital Pediatric Patients	Document Owner: Transfusion Medicine
Related Documents: Pediatric Massive Transfusion Protocol (MTP) Procedure and Information	

# Pediatric Massive Transfusion Protocol

**BLOOD BANK Notification:**  
**272-2591**  
**272-3333**  
**925-3333**  
**333 (in-house phone)**

**ACTIVATE PEDIATRIC MTP**

- Order, Initiate, and Sign** Pediatric MTP PowerPlan
- Notify Blood Bank** with the following:
  - Patient Name, MRN, and Location
  - Estimated Weight
  - Attending Physician
  - Point of Contact Name and Contact Number

**INITIAL LABS IN MTP PowerPlan:**  
 Type and Screen  
 ABG  
 iCa  
 EHP (H/H, Plt, PT/INR, Fibrinogen)  
 -1 lavender and 1 light blue tube  
**REPEAT LABS:**  
**Every 30 minutes during MTP:**  
 EHP (H&H, Plt, PT/INR, Fibrinogen)  
**As clinically indicated:** ABG, iCa, Chem7

**BLOOD BANK PREPARES MTP PRODUCTS BY PATIENT WEIGHT**

<u>&lt;20 kg</u>	<u>20 - 50 kg</u>	<u>&gt;50 kg</u>
2 RBC units 2 plasma units 1 apheresis platelet (alternating rounds)	4 RBC units 4 plasma units 1 apheresis platelet (alternating rounds)	6 RBC units 6 plasma units 1 apheresis platelet (all rounds)
- Transfusions < 1 unit: may draw multiple transfusions from 1 unit with sterile syringe/technique		

**RETURN UNUSED PRODUCTS TO BLOOD BANK**  
 - Return cooler/Refrigerator on Wheels (ROW) to blood bank with all unused products.  
**Do NOT put platelets or cryo in coolers or ROW**

**TRANSFUSE PRODUCTS**

- Consider **TXA**: 15 mg/kg bolus over 10 min, then 2 mg/kg/hr over 8 hrs (max 1gm each time)
- 15 mL/kg each **RBCs:Plasma:Platelets (1:1:1 ratio)**
- **Reassess ongoing need for MTP products**

**RETRIEVE ROUND FROM BLOOD BANK**  
 Clinical team **must** pick up products from blood bank  
 Next round prepared when clinical team picks up prepared products

**PROTOCOL DISCONTINUED**  
 Discontinued by clinical team  
 \*Notify Blood Bank of discontinuation\*

**IMPORTANT TO REMEMBER:**  
 \*Cryo is not included in the Pediatric MTP order set - order separately based on lab results.  
 \*Notify the Blood Bank for **ALL** changes to patient location or Contact Person (272-2591).  
 \*Do not put platelets or cryo in the coolers or ROW.  
 \*EHP specimens must be **HAND DELIVERED** to lab

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# Pediatric Massive Transfusion: Protocol Indications

**BLOOD BANK Notification:**  
 272-2591  
 333 (in-house phone)  
 272-3333  
 925-3333

