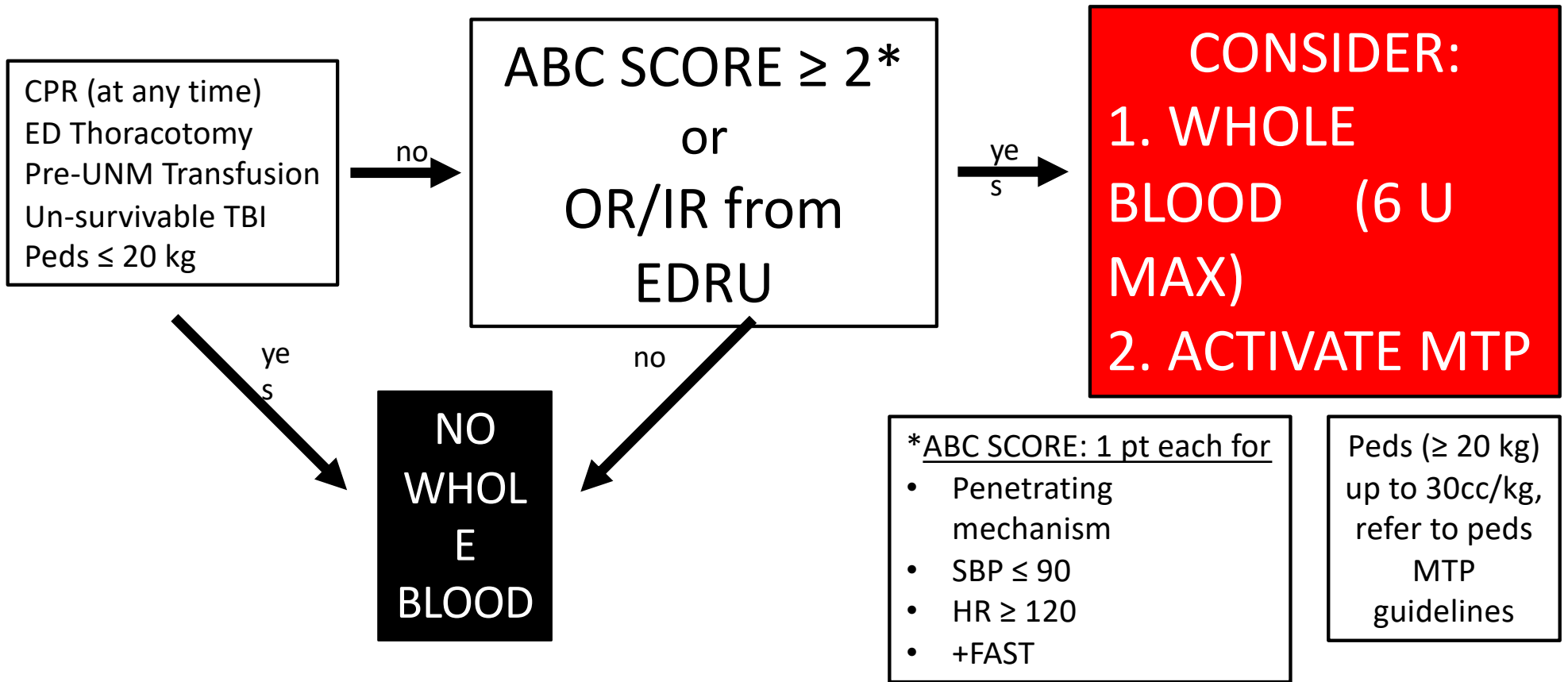




Whole Blood Resuscitation For Severe Traumatic Injury



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
 1. **Order, Initiate, and Sign** Pediatric MTP PowerPlan
 2. **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><20 kg</u>	<u>20 - 50 kg</u>	<u>>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

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 925-3333

