

ED Thoracotomy

Preatrival Actions	Immediate Actions
Activate MTP (utilize emergent blood if needed prior to cooler arrival)	Compressor on the patient's right side (pause only as necessary for procedures or if scalpel in use)
Prime Belmont infuser	2 large gauge PIVs
Thoracotomy tray on mayo stand (pt's left)	Administer blood products rapidly via the Belmont infuser and hang platelets in additional access
10 blade scalpel out on top of tray	If only able to obtain IO access, consider central venous access (Introducer only)
Chest tube pan on mayo stand (pt's right)	IO can be placed for medication administration
10 blade scalpel out on top of tray	Intubate and right mainstem ETT if possible
Ensure internal defibrillator tray and Zoll in room	Place OGT
Intubation equipment out and ready	Open thoracotomy tray and place within reach of proceduralist
Appropriate size OGT out and ready	Paint chest with betadine
Betadine at bedside	Place left arm above the head
OR blue towels	Bilateral finger thoracostomies
Notify OR to request assistance if available	Once chest is open, compressions converted to cardiac massage per surgeon
Procedure light on and positioned at proceduralist's preference	If Epinephrine to be administered, convert to intracardiac
Dedicated Yankuer suction and canister prepared	Obtain trauma labs including type and screen
Open Upon Team Leader's Request	
Central line kit (introducer/cordis only)	Chest tube pan
Internal defibrillator tray	Chest tubes (ask what size)
Hole in the heart kit (contains foley catheter and sutures)	Chest tube atriums

MTP Candidate

ABCD SCORING			
Component	No	Yes	
*Penetrating mechanism	0	1	
Positive FAST	0	1	
*Elevated SIPA (Shock Index Pediatric Adjusted)	0	1	SIPA = Heart Rate/Systolic Blood Pressure <input type="checkbox"/> 1-6yrs: ≥ 1.2 <input type="checkbox"/> 7-12yrs: ≥ 1.0 <input type="checkbox"/> >12yrs: ≥ 0.9
Lactate ≥ 3.2	0	1	
Base deficit ≤ -6.9	0	1	
Total Score			Score of 2 or higher to trigger activation of Massive Transfusion Protocol
<i>*Utilize prehospital mechanism and vital signs to determine need prior to arrival*</i>			