

Physiologic Criteria

1. Traumatic arrest
2. Airway/respiratory compromise or need for emergent airway
3. Sustained BP < 90 (or pediatric specific BP)
4. GCS < 14
5. Blood transfusion in progress to maintain vital signs

Anatomic Criteria

6. Flail chest or major chest injury
7. Depressed skull fracture
8. Focal neurologic deficit (pupils, sensory, motor)
9. Abnormal abdominal exam
10. Major extremity vascular injury (arterial bleed, pulseless)
11. Two or more proximal long bone fractures (humerus, femur)
12. Amputation proximal to wrist or ankle

Mechanism of Injury Criteria

13. Major penetration to face/head
14. Gunshot or stab to torso (neck to groin)
15. Severe burn with >20% TBSA (adult) or >10% TBSA (peds), burn + trauma, inhalation injury requiring advanced respiratory support
16. Pediatric hanging

Judgement Criteria

17. EMS judgement
18. Emergency physician judgement

Note: pediatric drownings do not meet TTA criteria, but are admitted to the pediatric trauma service if admission is required