

Physiologic Criteria

1. Traumatic arrest
2. Airway/respiratory compromise or need for emergent airway
3. Sustained SBP < 90 (or pediatric specific BP)

Definition Hypotension By Systolic BP and Age	
AGE	SYSTOLIC BLOOD PRESSURE (mmHg)
Term neonates (0-28 days)	< 60
Infants (1-12 months)	< 70
Children (1-10 years)	< 70 + (age in years X 2)
Children (> 10 years)	< 90

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. Major extremity vascular injury (arterial bleed, pulseless)
10. Two or more proximal long bone fractures (humerus, femur)
11. Amputation proximal to wrist or ankle

Mechanism of Injury Criteria

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

Judgement Criteria

16. EMS judgement
17. Emergency physician judgement

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