

	1609	Pediatric Trauma Care
Nor-Cal EMS Policy & Procedure Manual		Treatment Guidelines
Effective Date: 04/01/2021		Next Revision: 04/01/2024
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR		SIGNATURE ON FILE

Authority: Health and Safety Code Division 2.5, California Code of Regulations, Title 22, Division 9.

See Trauma Decision Scheme
 Assess ABC's & Hemorrhage control if necessary
 History and Physical exam (LS-Consider Tension Pneumothorax)
 Vital Signs
 Oxygen: Titrate to SpO2 to 94%
 Airway control as appropriate
 Initiate Spinal Motion Restriction as appropriate
Keep patient warm

Life threatening blood loss?

To Extremity:
 Apply commercial tourniquet proximal to bleeding
 If bleeding continues consider placing a second tourniquet

To areas not amenable to tourniquet:
 Consider Hemostatic dressing use
 Pack wound and apply direct pressure

Package for rapid transport and transport ASAP ideally less than 10 minutes

Ensure trauma notifications as appropriate continue to evaluate for signs of instability

ALS

Establish IV / IO
 ECG

Titrate warmed fluid bolus
 To keep systolic BP above age appropriate

If patient systolic BP age appropriate
 Consider Pain management protocol

- Trauma notes:**
- Use pain management protocol as appropriate
 - Stabilize impaled objects in place
 - Warming measures to be used regularly
 - Refer to SMR protocol as needed
 - Consider Anxiety/Behavioral protocol as needed

- Traumatic arrest care:**
- See **Determination of Death protocol**
 - Asystole or PEA less than 40 terminate efforts
 - Consider bilateral needle thoracostomies if chest trauma or suspected tension pneumothorax
 - Otherwise treat with **Pulseless Arrest protocol**

TXA:
 ONLY if age is greater than 15 (See Adult Trauma protocol)

- Pediatric Blood Pressures:**
 To determine hypotension Use formula: $65 + (2 \times \text{age})$
 To determine normal Systolic BP: $90 + (2 \times \text{age})$
- Systolic BP Estimate for hypotension**
- | | |
|------------------------|--------------|
| Infant | less than 60 |
| Toddler 1-3years | less than 70 |
| Preschool 3-6 years | less than 75 |
| School age 6-12 years | less than 80 |
| Adolescent 12-18 years | less than 90 |