

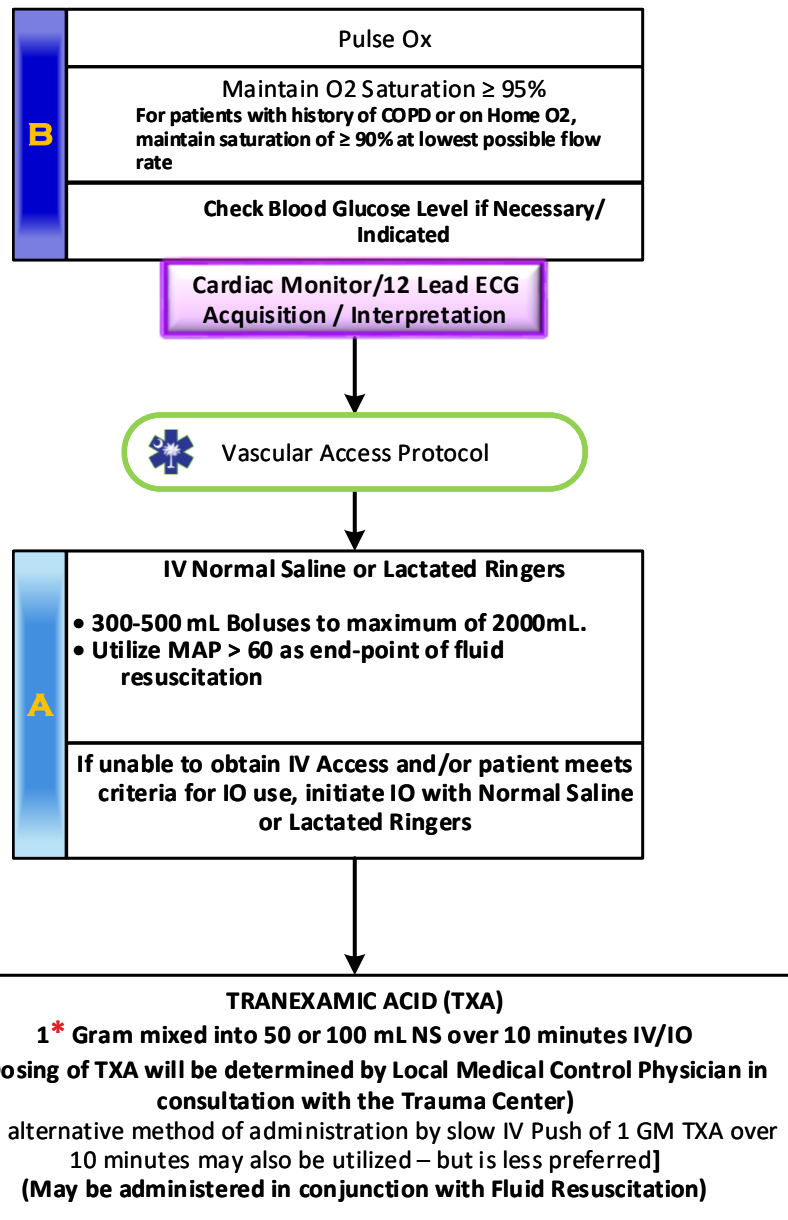


# Tranexamic Acid (TXA)

This Protocol addresses treatment of the ADULT patient ≥ 18 years of age who presents with traumatic, life-threatening, non-compressible bleeding with any of the following:

- Systolic Blood Pressure < 90 mmHg
- Heart Rate > 120 beats per minute
- Bleeding or presumed bleeding that is NOT controllable by direct pressure, wound packing, or tourniquet application
- Major amputation of any extremity proximal to the wrist or ankle
- Significant Blood Loss (> 500 mL)

Services wishing to utilize TXA must have predefined letter of agreement or Memorandum of Understanding from the Trauma Center to which that service will transport these patients.





# Tranexamic Acid (TXA)

## PEARLS:

- **DO NOT ADMINISTER Tranexamic Acid (TXA) if ANY** of the following are present:
  - Time of injury is > 3 hours prior
  - Patient has an active (within the last 24 hours) thromboembolic event (active stroke, myocardial infarction, or pulmonary embolism)
  - Traumatic Arrest > 5 minutes
  - Any patient with a known allergy to Tranexamic Acid (TXA)
  - Penetrating Cranial injury
  - Traumatic Brain Injury (TBI) with exposed brain matter
  - Isolated hanging or drowning victims
  - Cervical Cord Injury with motor deficits
- In the bleeding patient, hemorrhage control and appropriate resuscitation remain the priority.
- **Prehospital TXA use should NEVER supersede** field bleeding control needs, prompt transport or the administration of blood/plasma products.
- $MAP = [SBP + (2 \times DBP)] / 3$
- **Key Documentation Elements**
  - Indications for utilization of TXA
  - Vital Signs
  - Dosage of TXA Administered
  - How TXA is Administered
    - IV Infusion
    - Slow (>10 minutes) IV Push
  - Documentation of patient Identification as having received TXA
  - Documentation of appropriate notification of receiving facility personnel at time of hand-off that patient has received TXA.



# Tranexamic Acid (TXA)

## TXA ADMINISTRATION GUIDELINES

Date \_\_\_\_\_ ePCR # \_\_\_\_\_

Patient Name \_\_\_\_\_

**ALL** of the following criteria must be met for TXA administration:

- Age  $\geq$  18 years
- Traumatic mechanism
- Life-threatening hemorrhage
- Unresponsive to standard treatment

**AND** the addition of one or more of the following:

- SBP < 90 mmHg
- HR > 120 bpm (sustained)
- Bleeding not controlled with other measures
- Major amputation proximal to wrist or ankle
- Significant estimated blood loss of > 500 ml

The following are **EXCLUSION** criteria.

**For ANY YES ANSWER – WITHHOLD TXA ADMINISTRATION.**

<u>Yes</u>	<u>No</u>	
<input type="checkbox"/>	<input type="checkbox"/>	Time of injury with duration > 3 hours
<input type="checkbox"/>	<input type="checkbox"/>	Traumatic arrest duration > 5 minutes
<input type="checkbox"/>	<input type="checkbox"/>	Active thromboembolic event in last 24 hours
<input type="checkbox"/>	<input type="checkbox"/>	Known allergy or hypersensitivity to TXA
<input type="checkbox"/>	<input type="checkbox"/>	Penetrating cranial injury
<input type="checkbox"/>	<input type="checkbox"/>	Blunt TBI with exposed brain matter
<input type="checkbox"/>	<input type="checkbox"/>	Isolated hanging or drowning victims
<input type="checkbox"/>	<input type="checkbox"/>	Cervical cord injury with motor deficits

Time of Administration: \_\_\_\_\_