

COUNTY OF VENTURA HEALTH CARE AGENCY		EMERGENCY MEDICAL SERVICES POLICIES AND PROCEDURES	
Policy Title: Tranexamic Acid (TXA) Administration		Policy Number 734	
APPROVED: Administration: Steve L. Carroll, Paramedic		Date: July 1, 2025	
APPROVED: Medical Director: Daniel Shepherd, M.D.		Date: July 1, 2025	
Origination Date: January 10, 2019			
Date Revised: April 10, 2025		Effective Date: July 1, 2025	
Date Last Reviewed: April 10, 2025			
Review Date: April 30, 2027			

- I. PURPOSE: To define the indications, contraindications, and procedure related to administration of Tranexamic Acid (TXA) by paramedics.
- II. AUTHORITY: Health and Safety Code, Sections 1797.220 and 1798. California Code of Regulations, Title 22, Sections 100091.01 and 100096.02.
- III. POLICY: Paramedics may administer TXA to patients presenting with hemorrhagic shock in accordance with this policy, Policy 705.14 and Policy 705.29.
- IV. PROCEDURE:
 - A. Indications
 1. Blunt or penetrating traumatic injury with SBP less than or equal to 90 mmHg
 2. Any significant hemorrhage not controlled by direct pressure, hemostatic agents, or tourniquet application **AND** SBP less than or equal to 90 mmHg
 3. Consider for other severe hemorrhage with SBP less than or equal to 90 mmHg (e.g., GI Bleed, postpartum hemorrhage)
 - B. Contraindications
 1. Greater than 3 hours post traumatic injury
 2. Isolated neurogenic shock
 3. Isolated extremity injury when bleeding has been controlled
 4. Active thromboembolic event (within the last 24 hours); i.e., stroke, myocardial infarction, pulmonary embolism, or DVT
 5. History of hypersensitivity or anaphylactic reaction to TXA
 6. Traumatic arrest without ROSC
 7. Drowning or hanging victims
 - C. Adverse Effects
 1. Chest Tightness
 2. Difficulty Breathing

3. Facial flushing
 4. Swelling in hands and feet
 5. Blurred vision
 6. Hypotension with rapid IV infusion
- D. Preparation
1. Supplies Needed:
 - a. 1g Tranexamic Acid (TXA) (1)
 - b. 100mL bag of 0.9% normal saline (1)
 - c. 10mL syringe (1)
 2. Maintain sterile technique
 3. Mixing Instructions
 - a. Inject 1g (10mL) of TXA into 100 mL NS bag
 4. Label bag with the drug name and final concentration
 - a. Example: (TXA 1g in 100mL NS)
- E. Adult Dosing
1. IV/IO - 1g in 100mL Normal Saline over 10 minutes
- F. Pediatric Dosing
1. IV/IO - 15mg/kg to a max of 1g in 100 ml NS over 10 minutes
- G. Communication and Documentation
1. Communicate the use of TXA to the base hospital
 2. Administration of TXA and any/all associated fields will be documented in the Ventura County electronic Patient Care Report (VCePCR)