

Medical Procedures
TXA Administration**Date: 07/01/2026**
Policy #7150**I. Purpose:**

- A. To establish indications, guidelines, and the standard procedures for administering Tranexamic Acid (TXA) in patients with known or suspected life or limb-threatening bleeding.

II. Authority:

- A. Health and Safety Code, Section 1797.220, 1798. Title 22, Section 100170.

III. Policy:

- A. TXA may be administered under the following indications:

1. Patient had blunt or penetrating trauma with signs of poor perfusion, including, but not limited to:
 - a. Systolic blood pressure < 90 mmHg
 - b. Sustained tachycardia
 - c. Abnormal skin findings
 - d. Altered mental status
2. Partial or complete amputation proximal to wrist or ankle that is not controllable with 2 tourniquets, direct pressure and packing
3. Earlier interventions from the **Hemorrhage Control Policy** have been unsuccessful.
4. Uncontrollable post-partum hemorrhage within three hours of delivery

- B. Contraindications for TXA:

1. Patients with known or active thromboembolic events or disease
 - a. Stroke
 - b. Myocardial infarction
 - c. Pulmonary embolism or deep venous thrombosis
2. Allergy or sensitivity to TXA
3. Greater than three hours from hemorrhage onset
4. Age less than 15 years old

- C. Document the following in the patient care record:

1. Signs and symptoms indicating need for medication
2. Suspected complications or side effects from treatment
3. Response to treatment

- D. During transfer of care at receiving facility, EMS personnel shall clearly communicate TXA administration to support timely continuation of therapy, when indicated.

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IV. Procedure:

- A. For uncontrollable postpartum hemorrhage within three hours of delivery:
 - 1. Mix 1 gram of TXA in a 100 ml bag of 0.9% NaCl and infuse over 10 minutes via IV or IO.
- B. For trauma associated hemorrhage, as qualifying above:
 - 1. Mix 2 grams of TXA in a 100 ml bag of 0.9% NaCl and infuse over 10 minutes via IV or IO.
- C. Monitor patients for adverse side effects including:
 - 1. Acute gastrointestinal disturbances
 - 2. Visual disturbances (blurry vision and changes in color perception)
 - 3. Sudden shortness of breath or chest pain
 - 4. Dizziness, fatigue, headache, and hypersensitivity reaction
 - 5. Seizures

V. Quality Assurance:

- A. All TXA administrations will undergo review by provider agency, the Imperial County EMS QA review and standard data elements shall be reported.

APPROVED:

Signature on File

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