

FORMULARY

Tranexamic Acid

Class of Drug	Antifibrinolytic
Mechanism of Action	Competitively inhibits multiple plasminogen binding sites and thereby decreases plasmin formation and fibrinolysis.
Indications	<p>Adult (12 y/o and older): hypovolemic shock secondary to trauma blood loss as manifested by SBP<90 mmHg or HR>110 after adequate pain control.</p> <p>Pediatric (<12 y/o): hypovolemic shock secondary to trauma blood loss relative to patients age & size (consider the formula (age X 2)+70 to help determine hypotensive shock)</p> <p>Postpartum hemorrhage: evidence of developing or actual hypotension attributable to the postpartum hemorrhage</p> <p>Consider also, and administer, for patients with significant mechanism of injury who are likely to require surgery or blood transfusion. For example: shock, elevated lactate, one or more major amputations, penetrating torso trauma, or other evidence of severe bleeding.</p>
Contraindications	> 3 hours since injury/childbirth. Hypersensitivity to drug.
Adverse Effects	Potentially lowers seizure threshold.
Precautions	May cause dizziness, hypotension if administered too fast.
Dosing/Administration	<p>Adults (12 y/o and older): 1 gram/10 min IV, then 1 gram/8 hours IV.</p> <p>Pediatric (< 12 y/o): 15 mg/kg over 10 minutes (maximum dose 1000 mg/10 min), then infusion at rate of 2 mg/kg/hour over 8 hours, not to exceed 1000 mg.</p>
Pregnancy Category	Category B