Tranexamic Acid

MEDICATION

THE DRUG

Class: Antifibrinolytic

How it works: Blocks plasminogen from binding to fibrin, preventing fibrinolysis

Stabilizes clots and prevents hemorrhage

USE IT FOR

- All 3 criteria must be met (per page)
- Mechanism suggesting potential for major hemorrhage — amputation, flail chest, major hemorrhage, multiple long-bone or pelvic fractures, abdominal injury
- Objective signs of hemorrhagic shock — SBP <90, HR >115
- Known time of injury <3 hours

DON'T GIVE / CAUTION

- Contraindication: hypersensitivity

DOSE

Adult: **2 grams over 10 min — 20 mL (2 grams) in 100 mL NS (per page)**

Peds: **[dose not stated in original text]**

Repeat: **[dose not stated in original text]**

WATCH FOR

- Thrombosis

PEARLS

- Half-life listed as 7-8 hours; onset and peak listed as unknown (per page)

Take Home Message:

TXA stabilizes clots in major hemorrhage — 2 grams over 10 minutes, only when all three criteria are met, inside 3 hours.