

TRANEXAMIC ACID (TXA, CYKLOKAPRON)

Class

Antifibrinolytic agent

Action 📖

TXA is a synthetic reversible competitive inhibitor to the Lysine receptor found on plasminogen. The binding of this receptor prevents plasmin (activated form of plasminogen) from binding to and ultimately stabilizing the fibrin matrix.

Indications ✓	Contraindications ✗
➤ Casualties at high risk for massive blood transfusions (hemorrhagic shock, penetrating torso trauma, major amputations, etc.)	➤ Greater than 3hr after injury ➤ Active intravascular clotting ➤ Known hypersensitivity

Dose

- ❑ **TCCC:** 2 grams in 100 ml Normal Saline or Lactated Ringer's as soon as possible but NOT later than 3 hours after injury. When given, TXA should be administered over 10 minutes by IV infusion.

Side Effects 😞	Adverse Reactions ⚠️
→ Chest pain → Blurred vision → Nausea/vomiting	→ Hypotension (From rapid administration)

