



## Section 13: Appendix 1: Medications

### TRANEXAMIC ACID (TXA)

Pregnancy Category - B

P PARAMEDIC P

<b>ACTIONS</b>	Synthetic amino acid (lysine) that blocks plasminogen from being converted to the enzyme plasmin. Plasmin works to break down already-formed blood clots in the human body by attacking and breaking down fibrin, destroying clots in a process known as fibrinolysis
<b>INDICATIONS</b>	Major trauma with severe blood loss
<b>CONTRAINDICATIONS</b>	Known hypersensitivity
<b>PRECAUTIONS</b>	<b>TXA Checklist</b> <b>1. Adult &gt; 16 years old</b> <b>2. Hemorrhagic Shock from recent trauma ( &lt; 1 hour)</b> <b>3. Sustained tachycardia (&gt;100 bpm) and /or hypotension (SBP &lt; 90)</b> <b>4. Must be given within 60 minutes from time of injury</b>
<b>SIDE EFFECTS</b>	1. Nausea and Vomiting 2. Joint pain
<b>SUPPLIED</b>	Different concentrations. Refer to your medical control facility/Pharmacy
<b>ADULT DOSAGE</b>	1 gram in 100 ml NS over 10 min 10 gtt/ml drip set = 2 gtts/sec or 100 gtts/min 15 gtt/ml drip set = 3 gtts/sec or 165 gtts/min 60 gtts/ml drip set = wide open
<b>PEDIATRIC DOSAGE</b>	Not recommended in the pre-hospital setting
<b>PROTOCOL USE</b>	<ul style="list-style-type: none"><li>• Adult Hemorrhage Control</li><li>•</li></ul>