**Drug Therapy Protocols: Tranexamic acid/placebo**

<table>
<thead>
<tr>
<th><strong>Policy code</strong></th>
<th>DTP_TRXP_0119</th>
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<tbody>
<tr>
<td><strong>Date</strong></td>
<td>January, 2019</td>
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<tr>
<td><strong>Purpose</strong></td>
<td>To ensure a consistent procedural approach to tranexamic acid/placebo administration.</td>
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<tr>
<td><strong>Scope</strong></td>
<td>Applies to all Queensland Ambulance Service (QAS) clinical staff.</td>
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<td><strong>Health care setting</strong></td>
<td>Pre-hospital assessment and treatment.</td>
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<td><strong>Population</strong></td>
<td>Applies to all ages unless specifically mentioned.</td>
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<tr>
<td><strong>Source of funding</strong></td>
<td>Internal – 100%</td>
</tr>
<tr>
<td><strong>Author</strong></td>
<td>Clinical Quality &amp; Patient Safety Unit, QAS</td>
</tr>
<tr>
<td><strong>Review date</strong></td>
<td>January, 2022</td>
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Tranexamic acid/placebo

**Drug class**
N/A – PATCH trial medication (TXA OR placebo)

**Pharmacology**
N/A – PATCH trial medication (TXA OR placebo)

**Metabolism**
N/A – PATCH trial medication (TXA OR placebo)

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**Indications**
- Patients enrolled in the PATCH trial that have been injured through any mechanism who meet the following criteria:
  - COAST score ≥ 3; AND
  - ≤ 3 hours of injury.

**Contraindications**
- Suspected pregnancy
- Nursing home residents
- Patients < 18 years

**Presentation**
- Ampoule, 1 g/10 mL tranexamic acid/placebo

**Onset**
- Minutes
**Duration**
- 17 hours
**Half-life**
- 2 hours

**Precautions**
- Nil in the setting of acute trauma that satisfies the indications listed above

**Side effects**
- Headache
- Nausea AND/OR vomiting
- Seizures

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January, 2019
Tranexamic acid/placebo

**Schedule**

- S4 (Restricted drugs)

**Special notes**

- Ambulance officers must only administer medications for the listed indications and dosing range. Any consideration for treatment outside the listed scope of practice requires mandatory approval via the QAS Clinical Consult and Advice Line.
- All cannulae and IV lines must be flushed thoroughly with sodium chloride 0.9% following each medication administration.

**Routes of administration**

Intravenous injection (IV)

**Adult dosages**

- Patients enrolled in the PATCH trial injured through any mechanism who meet the following criteria:
  - COAST score ≥ 3; and
  - ≤ 3 hours of injury

<table>
<thead>
<tr>
<th>Route</th>
<th>Dosing</th>
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<tr>
<td>IV</td>
<td>1g</td>
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<td></td>
<td>Slow push over 2–3 minutes.</td>
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<td></td>
<td>Single dose only.</td>
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**Paediatric dosages**

- Note: QAS officers are NOT authorised to administer tranexamic acid to paediatric patients < 18 years.