

Tetracaine

Formulary

Douglas County Kansas EMS System

March 2021

Approved Provider: Paramedic

Referenced Protocols: [Acute Eye Injury](#), [Pain/ Anxiety Management](#)

Dosing and Administration	
ADULT Medications: <ul style="list-style-type: none">2 drops in the affected eye repeat after 20 minutes as needed	PEDIATRIC Medications: Refer to HandTevy <i>Contraindicated less than 1 year old</i> <ul style="list-style-type: none">1-2 drops in affected eye repeat after 20 min as needed

Pharmacology and Actions:

- Topical ophthalmic anesthetic
- Competes with calcium for sites in nerve membranes that control sodium transport across cell membrane; decreases rise of depolarization phase of action potential

Indications:

- Eye Pain
- Chemical exposure to the eyes
- Abrasions to the eye

Contraindications:

- Hypersensitivity to Tetracaine or other amides
- Less than one year of age

Precautions:

- Do not touch medication dropper to patients eye
- Attempt to prevent the patient from rubbing their eyes as this may cause corneal abrasion
- Protect medication from light

Side Effects:

- Localized burning and irritation to the eye. Encourage the patient to blink their eyes, as this will cause the burning sensation to subside