

# Tetracaine (0.5% solution Pontocaine)

McHenry Western Lake County  
EMS



# Objectives

- During this session we will discuss:
- Class
- Actions
- Indications
- Contraindications
- Dosing/Routes
- How supplied
- Precautions
- Side effects



# Class:

- Local anesthetic



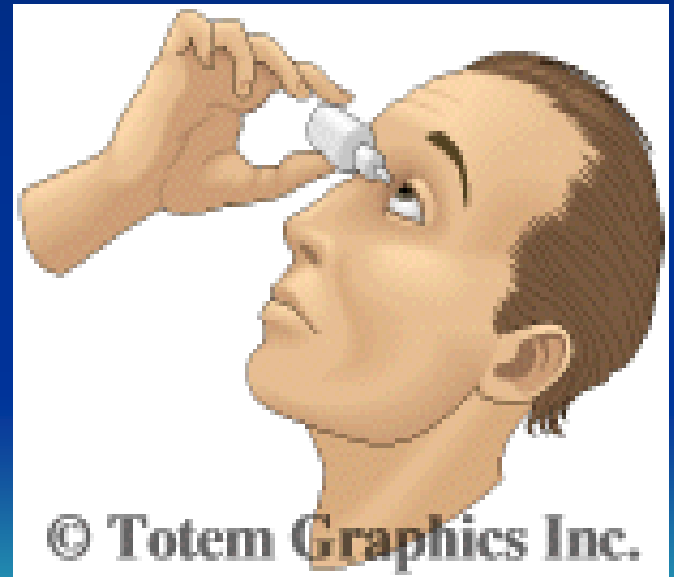
# Actions:

- Topical anesthetic for the eyes



# Indications:

- Facilitate eye irrigation
- Pain/spasm of corneal abrasions



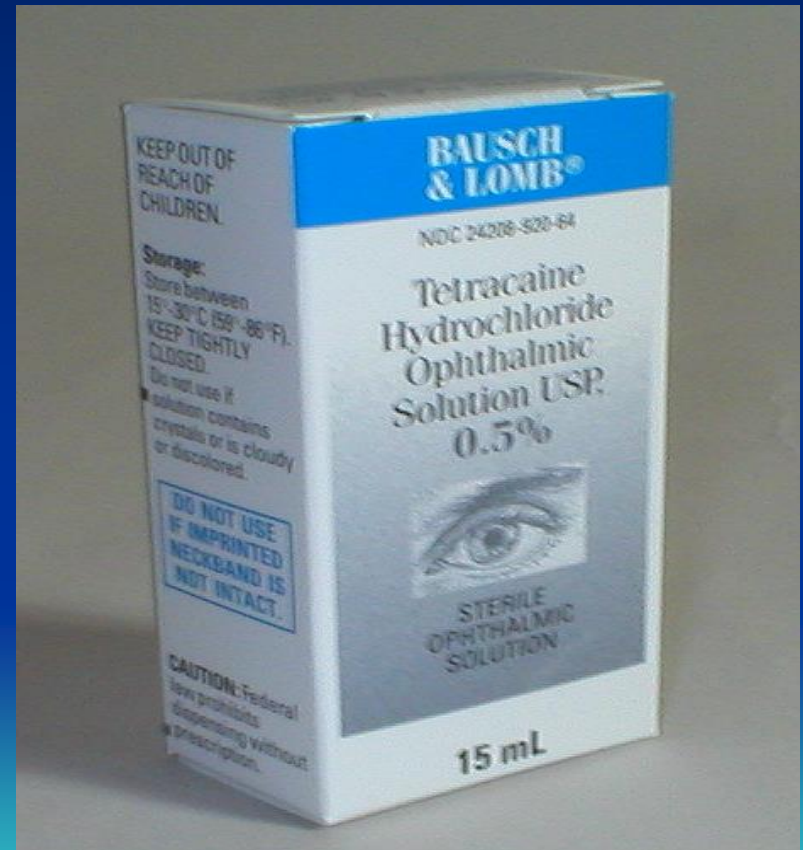
# Dosing/Routes:

- 1 gtts in affected eye
- May repeat as needed



# How supplied:

- 1 ml bottle



# Contraindications:

- Hypersensitivity to ester-type anesthetics
- Penetrating globe injury
- Hypersensitivity to sulfite
- Inflamed or infected tissue





# Side effects/adverse reactions:

- Burning sensation
- Corneal damage with excessive use
- Ref: MWLCEMS Protocol and 2000 Mosby's Nursing Drug Reference Book



# Case Study

- You are treating a 13y/o male who was riding a bike down a path in the woods, and had a branch go into his eye. He is complaining of a burning sensation in his R eye. It is tearing, red and irritated. How many drops of Tetracaine can you instill in his eye?



# Answer

- 1 gtts in the effected eye

