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:

• 1-2 gtts in affected eye
How supplied:

• 1ml bottle
Contraindications:

- Hypersensitivity
- Penetrating globe injury
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

- 1-2 gtts in the effected eye