

A. Indications

1. Signs/symptoms or suspicion of ocular exposure to chemicals.
2. Signs/symptoms of ocular foreign body without obvious or suspected penetrating injury or lacerations of the cornea or globe.

B. Contraindications

1. Age less than 8 years, unless approved by Medical Control.
2. Obvious penetrating injury to globe, with or without visible imbedded/impaled object.
3. Obvious corneal/globe laceration or hyphema (blood in anterior chamber).
4. Known allergy to Tetracaine HCl or similar "caine" anesthetics.
5. Known allergy to contact lens materials.
6. Recent ocular surgery.

C. Procedure

ALS

1. Insertion of the lens:
 - a) Assemble equipment:
 1. Normal Saline IV solution and IV tubing.
 2. Tetracaine HCl 0.5% solution, 1cc unit dose vial.
 3. Morgan Lens® for each affected eye.
 4. Towels.
 - b) Assess and record gross visual acuity ([Protocol 21](#)).
 - c) Place patient in supine position, or (if there is no suspicion of spinal injury) seated with head tilted back.
 - d) Irrigate affected eye(s) with NS IV solution for two minutes for gross decontamination, or until visible particulate matter has been removed.
 - e) Instill 1-2 drops of Tetracaine HCl 0.5% in affected eye(s). Inform patient that there may be a slight burning sensation.
 1. Anesthetic effect may be confirmed soon after instillation by asking the patient if symptoms have improved or have been completely relieved.



- f) Attach a Morgan Lens® to the IV set-up/bag assembly and "prime" the tubing through the lens(es).
 - g) Have the patient look down and insert the lens under the upper lid then, have the patient look up. Retract the lower lid and insert the lower portion of the lens in place.
 - h) Once the lens(es) is/are in place, adjust the flow of the NS solution to obtain a rapid stream of solution over the eye.
 - i) Tape the tubing to patient's forehead to prevent accidental lens removal. Absorb fluid outflow from eye(s) with towels.
2. Upon completion of treatment or Medical Control direction, remove the Morgan Lens® as follows:
- a) Have the patient look up, then retract the lower lid.
 - b) Slide the lens out.
 - c) Reassess and record gross visual acuity.

D. Possible Adverse Effects

1. Corneal abrasion secondary to insertion or removal procedure.
2. Apparent allergic reaction to Tetracaine HCl or lens material in patient's without previously known allergy.