



Dr. Gotthelf's Mixtures for Ear Diseases

TOBRADEX Generic – use in *Bacterial Otitis* or when suspected ruptured TM

- Use Tobramycin Ophthalmic drops 0.3% generic (5ml bottles).
- Add 1 cc Dexamethasone Sodium Phosphate injection (4mg/ml) to each 5 ml bottle.

CIPRODEX Generic – use in *Bacterial Otitis* after other antibiotics have been used

- Use Ciprofloxacin Ophthalmic drops 0.3% generic (10 ml bottle)
- Add 1 cc Dexamethasone Sodium Phosphate injection (4mg/ml) in each 10 ml bottle

CEFTAZADIME (Fortaz) - for resistant *Pseudomonas* and *Enterobacter* in the ear

- **Ear Drops** (50 mg/ml)
 1. Use a 2 gram bottle of Ceftazadime injection generic (Fortaz).
 2. Add 10.5 ml of sterile water to make 12 ml of final solution.
 3. Make 3 – 4 ml aliquots. Freeze 2 of them (good for 3 months when frozen).
 4. Add one 4 ml aliquot to a bottle and add 10 ml sterile water to make the eardrops.
- **Injection** (167 mg/ml)
 - Use 30 mg/kg IM twice daily for middle ear infections.

AZITHROMYCIN (Zithromax) – for cats and kittens with *Otitis Media*, polyps, URI. Intracellular loading antibiotic with a very long half-life in cats.

- Use Azithromycin for oral suspension (1200 mg per bottle, 30 ml when mixed).
- Measure out 160 mg of powder using a Panacur dosing spoon for 30 pounds (approx. 1 ¼ teaspoons) into a small bottle and add 3 ml sterile water. Shake well. This will make 4 ml of suspension at 40 mg/ml. Store at room temperature.
- The dose of Azithromycin for cats is 5 mg/lb once daily for 4 days. (For cats with Bartonella infection, use 10 mg/lb daily for 30 days).
- Administer 1 ml (40 mg) orally once daily for 4 days for the average 8 lb. cat.

Amount of eardrops to use for all topical ear mixtures:

- Up to 25 pounds - use 10-20 drops per ear bid
- Over 25 pounds - use 20-30 drops per ear bid