

## Eye Diseases – Discharge, Squinting, and Ulcers

If a dog is squinting its eye - consider it 'serious' and get to me as soon as you can.

If a dog has some eye discharge but not squinting it can still be serious but usually it's something irritating getting in the eye. #SMOG Or, deficient tear production as happens in certain breeds and ages.

Bulgy eye dogs are extremely prone to eye irritation from environmental causes. Additionally, any dog can walk into a stick.

So, let's say your dog has an ulcer. This sheet is PRINCIPALLY intended to educate someone with a dog suffering with an Ulcer because these cases are more complicated. And there's no "One Size Fits All" remedy.

That's a defect in the cornea which "retains stain". It means it's "deep" and these can be a "thing" for dogs. Eye-threatening if you don't hold up your at-home administration of medications.

Here's how these go.

Presentation	Medication	Reasoning
Initial presentation – <b>Ulcer</b> Cornea stains positive for Ulcer	<b>Neo Poly Ointment</b> no steroid <b>Deramaxx</b> anti-inflammatory orally. Dog must not rub the eye.	Kill germs. Soothe and lubricate the cornea. Steroid can worsen an ulcer by making life easier for germs. Deramaxx reduces inflammation without a steroid.
<b>Still Not Great or Ulcer Presents as Advanced initially?</b>		
Re-stain to see if larger, look for other untoward changes in cornea, check for deepening. Stain drops out in ulcers that make it down to <b>Decemet's membrane</b> .	Continue Neo Poly Ointment Continue Deramaxx Keep cone collar on. Dog must not rub the eye. Add <b>Atropine</b> ointment Add <b>oral antibiotic</b> . Possibly add <b>another antibiotic</b> ointment or drop.	Atropine for pain <i>INSIDE</i> the eye. Humane. Oral antibiotic bolsters the topical antibiotic already in use. Additional topical antibiotic reduces the chances that the germ is resistant to the first one.
<b>Still Not Great, or Advancing?</b>		
Ulcer would be considered " <b>Indolent</b> " A Veterinary specialist at eyes will be offered.	Continue all of the above. Dog must not rub the eye. Add <b>PLASMA</b> drops. We make these from your dog's blood. Discuss or perform Oklahoma <b>keratectomy</b> .	Plasma can accelerate healing and provides certain immune components to support the cornea. A keratectomy roughens the ulcer, removes stale tissue, and renews the bodies attempt to heal again.
<b>Not Great or Worse?</b>		
I'm smart enough to know when I'm beat. I'm not going to let an eye POP (yeah the cornea can eat through and the eye can burst.) out of pride and ego <b>not</b> to refer. In fact, ANYWHERE along the line with the above I might refer to Dr King or someone close with an earlier appointment. There is no way to summarize (completely) ophthalmic disease (ulcer included) in a table. I mean, come on. But this document illustrates that there are "levels" of care depending on how things are going.		