

Evaluation of Cacicol Ophthalmic Solution in Treating Refractory Corneal Ulcers

Species:

Dog

Area of Study:

Ophthalmology

Purpose of Study:

Refractory corneal ulcers in dogs often require surgical intervention to heal, such as diamond burr or grid keratotomy. These procedures often require sedation or anesthesia and result in greater scar tissue than medical therapy. The purpose of this study is to evaluate the efficacy of a novel eye drop called Cacicol, which would alleviate the need for surgical intervention and improve the quality of healing. Cacicol has been used successfully in humans and has great promise in dogs with indolent ulcers.

Eligibility:

Your dog may be enrolled in the Cacicol study if the following criteria are fulfilled:

- presence of an indolent ulcer confirmed by a veterinarian, normal tear production (no dry eye disease)
- no prior surgical debridement of the ulcer

Exclusion:

Your dog must not have dry-eye disease or prior surgical debridement of the ulcer.

Client Responsibilities:

If you agree to have your animal participate in this study, the participation will last for a minimum of one week and a maximum of four weeks. The first recheck evaluation is scheduled one week after initiation of therapy, followed by additional recheck visits at 1-week interval until the ulcer has healed.

On the first visit, your dog will have a complete eye examination by an ophthalmology doctor, followed by a gentle debridement of the cornea with a sterile cotton-tipped applicator. This debridement is performed by the ophthalmology doctor, and is standard of care for initial treatment of the ulcer. Then, your dog will be prescribed an eye drop containing either Cacicol or a placebo, which has to be administered once every other day (approximately every 48 hours) until the ulcer has healed.

You must be able to bring your dog for a recheck appointment at ISU Lloyd Veterinary Medical Center in 1 and 2 weeks after the initial visit.

You will be responsible for paying the initial examination fee, drugs prescribed (except those evaluated in the study), the treatment of any complications that may arise, and treatment of unrelated medical conditions.

Client Benefits:

If your dog is included in the study, we will cover the cost of the initial procedure (corneal debridement) and the cost of recheck examination fees (up to two rechecks).

Contact:

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