After 8 weeks using OcluVet, Trixie’s Frisbee is as accurate as ever!

My 14-year-old male English pointer, Grit, had been getting progressively more and more blind for several years due to developing cataracts.

In January, 2006 during a routine examination of his dog Grit, Oral and Maxillofacial Surgeon, Reuel Hamilton, DMD received confirmation that his dog had hypermature cataracts and his veterinarian recommended OcluVet.

“I was skeptical that any drops applied to the surface of the eye could possibly reduce the opacity of the lens, but figured there was nothing to lose except for the considerable expense of the medication.

OcluVet™

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800-535-4057   www.ocluvet.com

OcluVet Packaging and Administration

OcluVet is conveniently packaged in 15ml sterile bottles. Store at room temperature away from direct sunlight. Shake bottle well before each use.

OcluVet Administration

Initial Administration:
Instill 1 drop in the eye 3 times per day for 6-8 weeks or as directed by your veterinarian.

Maintenance Administration:
Instill 1 drop in the eye every 24-48 hours or as directed by your veterinarian.

Visit www.ocluvet.com to request additional information, client handouts, or clinic posters.

Try these other innovative products from PractiVet:

GIF-Tube Needleless Fluid Delivery
Developed by a veterinarian for animals requiring long-term fluid therapy. Pet owners can safely and painlessly deliver approximately 100cc per minute at home without needles. The GIF-Tube is surgically implanted subcutaneously in approximately 10 minutes. Fluids can be delivered immediately following the surgery.

Pleura-Cath Chest Drainage System
Fully self-contained, eliminating the need for stopcocks or heimlich valves. The built in finger-pump allows for drainage of fluid and air without suction; however, suction can be used if desired. 2 one-way valves prevent the accidental introduction of air into the pleural space. A luer activated port allows for thoracic lavage.

Sutureless Hematoma Repair
Repair aural hematomas in minutes without sutures. Simply make an elliptical incision and secure the silicone pads to each side of the ear with towel clamps. Working your way around the hematoma, place your locking clips using the included needles. Secure clips in place with 2 locking rings. Use the attachment button to hold the ear over the head. No bandages needed. The pads and button may be autoclaved at normal temperatures for reuse. Order refills of the clips and rings.

Tapeless Dressing Holders
Precut/presized for hard to bandage anatomy such as the hip, shoulder, ear/head, torso and thoraco/abdominal areas. Constructed of a polypropylene fabric and Velcro®, the dressing holders will not constrict and are less irritating to the patient than adhesives. Dressing holders may be washed and reused.

Our complete catalog is available online at www.practivet.com.

"I knew something was wrong when Trixie started missing the Frisbee."

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"After 56 days, I could see no change in the appearance of the eyes, but after another 2 weeks, I observed none of the previously described opacity -- the eyes seemed to my naked eye to be completely clear."

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Champion competitor or beloved family pet..... Whose life could you change today?
Ocular Degeneration

Overview

Glycation of lens proteins is a primary factor in cataract formation. Glycation results in the formation of a Schiff base (SB) and Amadori rearrangement via the Maillard reaction leading to early glycation products. As the process continues, dehydration and rearrangement leads to cross-links between adjacent proteins, resulting in protein aggregates, advanced glycation end products (AGEs) and increased oxidative stress (glycoxidation) 1-4.

Two clinical trials have been completed to test the OcluVet formulation in patients with lens opacities ranging from lenticular sclerosis to hypermature cataract. The similar findings between both studies is remarkable. The superior results seen in the earlier stages of cataracts continues, dehydration and protein aggregates, advanced glycation end products and Diminished Acuity allowing them to “clump” together. This clumping of damaged proteins is what is recognized as a cataract.

The Systems Approach

Crystallin lens proteins are long-lived proteins expressed early in life with virtually no turnover or protein synthesis. The eye protects its DNA from damage with numerous antioxidant systems. The OcluVet formula was designed to target the reactions that lead to the formation of damaged proteins and provide the nutrients needed to repair the altered amino residues and oxidation to allow the proteins to return to their healthy, non-cross-linked state. Unlike oral or commercially available eye drop supplements that demonstrate little or no benefit, OcluVet utilizes a systems approach targeting compromised and damaged components of the eye. This powerful antioxidant/nutrient system provides immediate neutralization of existing free radicals and is a glycation and protein cross-linking inhibitor.

Key Ingredients in OcluVet’s Patent-Pending Formula

- L-Carnosine
- N-Acetyl L-Carnosine
- L-Taurine
- Glutathione
- Riboflavin
- Cysteine Ascorbate

A powerful antioxidant. Immediately neutralizes free radicals and is a glycoshylation and protein cross-linking inhibitor.

- Provides the same activity as L-Carnosine but with longer residence time in the cells.

- Antioxidant, detoxifying activity. Helps stabilize cell membrane, modulation of cellular calcium levels.

- The most important, powerful antioxidant in the lens. Critical in protecting protein, DNA repair.

- A water soluble vitamin (B-2). Vital for the synthesis and protecting of Glutathione.

- A water stable source of vitamin C and L-cysteine, necessary for malabdomal of Thiolactone.

Clinical Studies

Two clinical trials have been completed to test the OcluVet formulation in patients with lens opacities ranging from lenticular sclerosis to hypermature cataract.

One trial was conducted by a researcher at the University of Cambridge, Dr. David L. Williams, MA VetMB PhD CertVOphthal MRCVS (results published 9/2006 Veterinary Ophthalmology). He reported that 47 of the 57 eyes (82%) showed a measurable reduction in opacity. He also notes that owner evaluation of visual capability suggested improvement in vision in 80% of cases. The second was a multi-hospital U.S. study and the supervising veterinarians reported 102 of the 123 eyes (83%) studied showed a measurable reduction in opacity.

The similar findings between both studies is remarkable. The superior results seen in the earlier stages of cataracts and lenticular sclerosis indicates a significant benefit in beginning administration of OcluVet at the first sign of any opacity. It should also be noted that in hypermature cases administration of 1 drop TID for a period longer than 8 weeks may increase the reduction seen in these latter stages.

David L. Williams and Patricia Munday
Dep’t of Veterinary Medicine, University of Cambridge Madingley Road, Cambridge, CB3 0ES, England, UK

SUMMARY

Animals studied: 30 dogs of varying breeds and ages with a spectrum of lens opacities ranging from nuclear sclerosis to total mature cataract.

Methods: Dogs were treated three times daily with topical 2% N-acetyl carnosine in a buffered vehicle containing the antioxidants glutathione, cysteine ascorbate, L-taurine and riboflavin (OcluVet®, Practivet, Phoenix, AZ, USA). Dogs were examined prior to treatment and at 2, 4 and 8 weeks during treatment, by direct and indirect ophthalmoscopy and slit-lamp biomicroscopy after pharmacologic pupil dilation.

In simple terms, with age, disease, or trauma the crystallin proteins in the eye lens are damaged and denatured allowing them to “clump” together. This clumping of damaged proteins is what is recognized as a cataract.