

Feline Red Eye: Delving Deeper

Jessica Meekins, DVM, DACVO reviews intraocular causes of “red eye” in cats including uveitis, glaucoma, and hyphema.

Speaker Bio:

Jessica Meekins, DVM, DACVO is an Associate Professor of Ophthalmology at Kansas State University. She received her undergraduate degree in biology before attending veterinary school at the Ohio State University. She then completed a one-year rotating internship at a private specialty hospital in Albuquerque, New Mexico before being accepted into the ophthalmology residency program at Purdue University. She became a board certified diplomate of the American College of Veterinary Ophthalmologists in 2012, and she has been on faculty at K-State for 9 years. Dr. Meekins’ clinical and research interests include management of viral surface ocular diseases in cats and comparative exotic animal ophthalmology. She is also interested in clinical teaching and the integration of competency-based veterinary education into instruction and assessment of students participating in clinical rotations.

Learning Objectives:

1. Recognize the cardinal signs and possible causes of uveitis, and recall why specific testing beyond the basic ocular diagnostics may be warranted
2. Determine whether an eye with glaucoma is treatable or requires end-stage surgical intervention
3. Identify hyphema as a specific manifestation of "red eye" in a cat, and recall the recommended diagnostic approach based on the most likely etiology
4. Recognize the indications for specific basic ocular diagnostic tests during the initial workup of a red eye
5. Recall, for each disease condition, when to recommend treating in-house vs. referring to a specialist
6. Manage client expectations regarding cost, prognosis, and outcome

Agenda:

- Clinically Relevant Anatomy & Physiology Review
- Basic Ocular Diagnostic Tests for a Red Eye
 - Intraocular Pressure
 - Fluorescein Staining
- Uveitis
 - Clinical signs
 - Anterior
 - Posterior
 - Causes
 - Diagnostic Workup – Beyond the Basics

- Treatments
 - In-house vs. refer
 - Setting Client Expectations
- Glaucoma (secondary)
 - Clinical signs
 - Causes
 - Diagnostic Workup
 - Treatments
 - In-house vs. refer
 - Setting Client Expectations
- Hyphema
 - Clinical Signs/Appearance
 - Causes
 - Diagnostic Workup – Beyond the Basics
 - Treatments
 - In-house vs. refer
 - Setting Client Expectations
- Summary/My Approach