## Ophthalmic Emergencies in Dogs and Cats

Todd Marlo, DVM, MS, DACVO reviews the diagnosis and treatment of common ophthalmic emergencies in dogs and cats.

## **Speaker Bio:**

Todd Marlo, DVM, MS, DACVO obtained his degree in Veterinary Medicine from the University of Illinois in 2013. He completed his small animal rotating internship at the University of Missouri. Following his internship, he remained at the University of Missouri to complete his Comparative Ophthalmology residency. He achieved board certification in 2018. He currently practices at Veterinary Ophthalmology Services in Chattanooga, TN. During his free time, he enjoys outdoor sportsmanship and traveling with his wife.

## **Learning Objectives:**

- 1. Understand how to perform an ophthalmic exam.
- 2. Understand how to diagnose and treat corneal ulcers.
- 3. Understand how to diagnose and treat corneal foreign bodies.
- 4. Understand how to diagnose and treat glaucoma.
- 5. Understand how to diagnose and treat lens luxation.
- 6. Understand how to diagnose and treat uveitis.
- 7. Understand how to diagnose and treat retrobulbar abscesses.
- 8. Understand how to diagnose and treat proptosis.

## Agenda:

- Ophthalmic examination
  - o STT
  - Fluorescein staining
  - Tonometry
  - Retroillumination
  - Physical exam
    - Retropulse globe
    - Open mouth
- Corneal Ulceration
  - Superficial
  - Complicated
  - Treatment
- Corneal Foreign Body
  - Superficial
  - Deep
  - Treatment
- Glaucoma

- o Primary
- Secondary
- o Clinical Signs
- o Treatment
- Surgery
- Lens Luxation
  - o Identification
  - o Treatment
- Uveitis
  - o Clinical signs
  - Differentials
  - o Diagnostics
  - Treatment
- Retrobulbar Abscess
  - Clinical signs
  - Medical Treatment
  - o Surgical Treatment
- Proptosis
  - o Triage
  - o Indicators
  - o Replacement
  - o Medical Treatment
  - o Complications