Look Into the Window to the Soul: Ophthalmic Exam Basics

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Lecture Outline

- History
- Neurophthalmic Exam
- Minimum Database
  - Schirmer Tear Test
  - Fluoroscein Stain
  - Tonometry
- Ophthalmic Exam
  - Anterior Segment
  - Posterior Segment
Diagnostic Approach to the Eye for Veterinarians

- Identify problems
- Minimum ophthalmic database
- Clinical diagnosis
- Differential diagnosis
- Diagnostic plan
- Treatment
Eye Exams: The Technicians Role

- History
  - Case
- Medications
- Minimum ophthalmic database
Minimum Ophthalmic Database

- Neuroophthalmic assessment
- Schirmer tear test
- Tonometry
- Fluorescein stain
History: Questions to Ask

- What signs made you think eye problem?
  - Vision problem?
    - Lighting?
    - Different environments?
    - Onset and duration?
    - Relatives with ocular disease?
History: Questions to Ask

• What signs made you think eye problem?
  • Comfort problem?
    • Squinting or rubbing eye?
    • Red eye?
    • Discharge?
    • Progressive, static or improving?
    • Response to medication?
History: Questions to Ask

- Systemic status
  - Decreased activity?
  - Appetite changes?
  - Drinking normally?
  - Urination?
  - Defecation?
Medication History: Questions to Ask

• What medications?
  • Frequency
  • Compliance
  • When last given
Minimum Ophthalmic Database

- Neuroophthalmic assessment
- Schirmer tear test
- Tonometry
- Fluorescein stain