



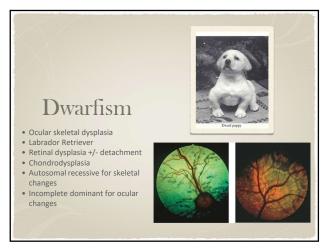
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Congenital Diseases

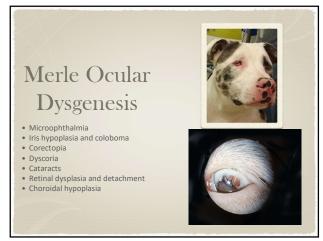
- * Hydrocephalus
- * Dwarfism
- * Coat Color Related Diseases

Hydrocephalus Toy and Brachycephalic breeds Open fontanelle Ventrolateral strabismus Vision deficits +/neurologic deficits

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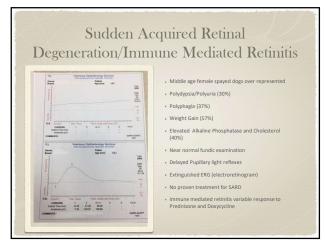
Immune Mediated Diseases

- * Dermatologic diseases
- Masticatory Muscle/Extraocular Myositis
- * Uveodermatologic Syndrome
- * Sudden Acquired Retinal Degeneration/Immune Mediated Retinitis





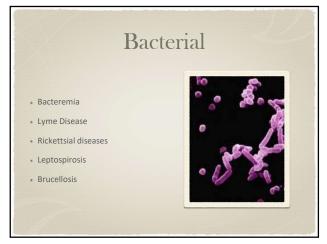




Uveitis associated with Infectious and Neoplastic Diseases

- * Bacterial
- * Mycotic
- * Neoplastic

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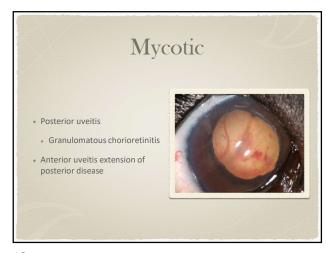


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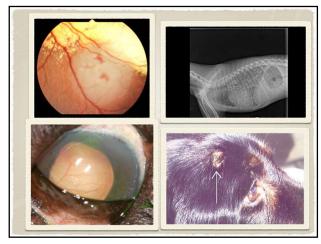
Anterior Uveitis Pain/photophobia Conjunctival hyperemia/episcleral injection Aqueous flare Cellular flare Hyphema Hypopyon First swellling/hyperemia/hemorrhage Ocular hypotony or secondary glaucoma

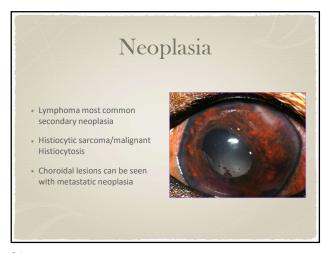


Mycotic Blastomycosis Most commonly mycosis seen in dogs Aspergillosis German Shepherd Coccidioidomycosis Valley Fever SW United States Cryptococcosis More commonly seen in cats Histoplasmosis







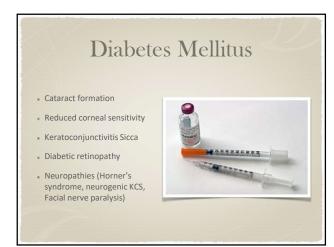






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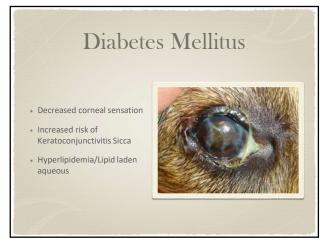
Metabolic Diseases * Diabetes Mellitus * Hypothyroidism * Hyperadrenocorticism (Cushing's Disease) * Hyperlipidemia

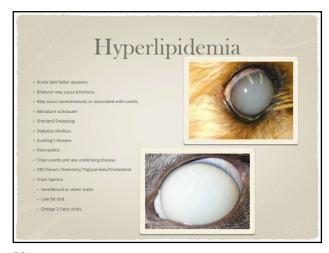


Managing Diabetic Cataracts Cataracts develop quickly with rapid progression 85% of dogs develop blinding cataracts within 9 months of developing DM Phacolytic/phacoclastic uveitis common Refer early Ophthalmic steroids/NSAIDs to control uveitis Monitor for secondary glaucoma









Hypothyroidism

- Associated with Keratoconjunctivitis Sicca
- * Horner's Syndrome
- * Corneal dystrophy
- * Difficulty in healing (ulcerative keratitis)
- * Neuropathies (Facial nerve paralysis, Horner's syndrome)



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Cushing's Disease

- * Decreased healing time
- * Increased risk of infection
- Corneal lipid dystrophy/degeneration



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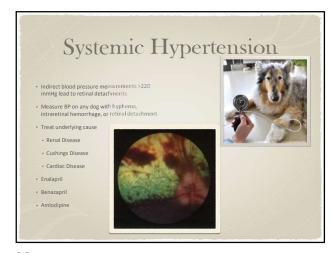
Miscellaneous Diseases

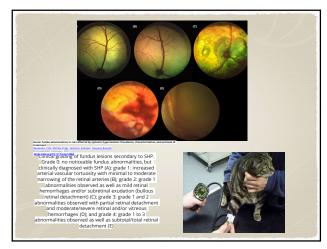
- * Viral
- * Canine Distemper Virus
- * Canine Adenovirus
- * Systemic Hypertension
- * Toxicity
- * Sulfonamides
- * Ivermectin
- * Enrofloxacin

Canine Distemper Virus • Keratoconjunctivitis Sicca • Chorioretinitis • "Gold Medalion" lesions from previous chorioretinitis • Optic neuritis and blindness due to other CNS disorders

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Canine Adenovirus Corneal edema associated with corneal endothelial damage Blue Eye" Uveitis Natural disease or vaccine induced Afghan Hound overrepresented with vaccine induced corneal edema Vaccinate with CAV2 to protect against CAV1 (reduced vaccine induced reactions)





Sulfonamide Toxicity - Acute Keratoconjunctivitis Sicca - Difficult to control tear production - Monitor STT before and during sulfonamide administration - Use Lacrostimlant and Lacromimetic therapy as needed



