

ACVO Sample IR Questions

Image 1



Questions:

1. What are the 3 most important clinical abnormalities depicted?
2. List 2 separate surgical procedures that are indicated for the abnormalities in this case.

Acceptable Answers:

1. Corneal perforation with fibrin clot, hyphema, upper eyelid mass, corneal vascularization (will not accept corneal pigmentation)
2. Corneal graft/conjunctival graft procedure, eyelid wedge resection; eyelid mass excision with adjunctive cryotherapy (must have a corneal repair method and an eyelid mass removal method)

Image 2



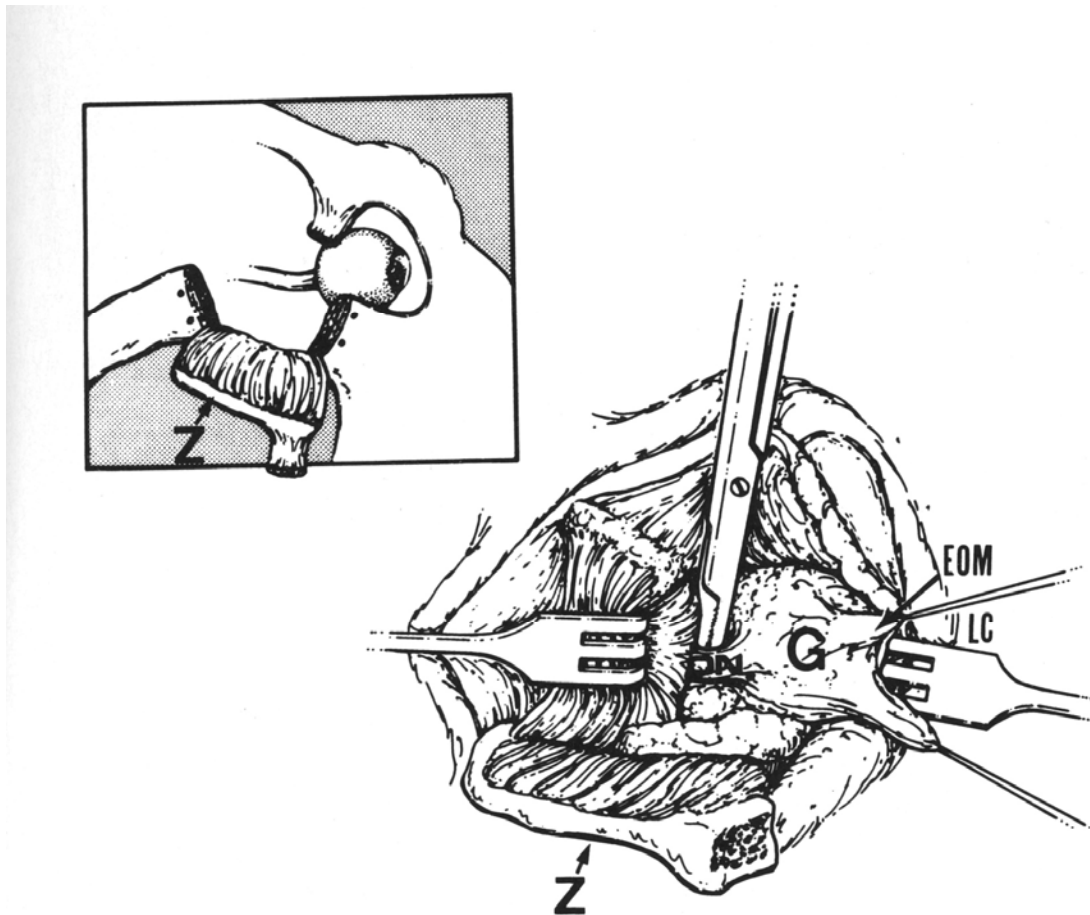
Question:

What is the diagnosis? Be specific.

Acceptable Answer:

Atypical iris coloboma

Image 3



Question:

List 2 reported advantages of the surgical procedure depicted, compared to similar surgical procedures:

Acceptable Answers:

Preservation of facial nerve

Preservation of blood supply to the zygomatic arch via masseter attachment

Image 4



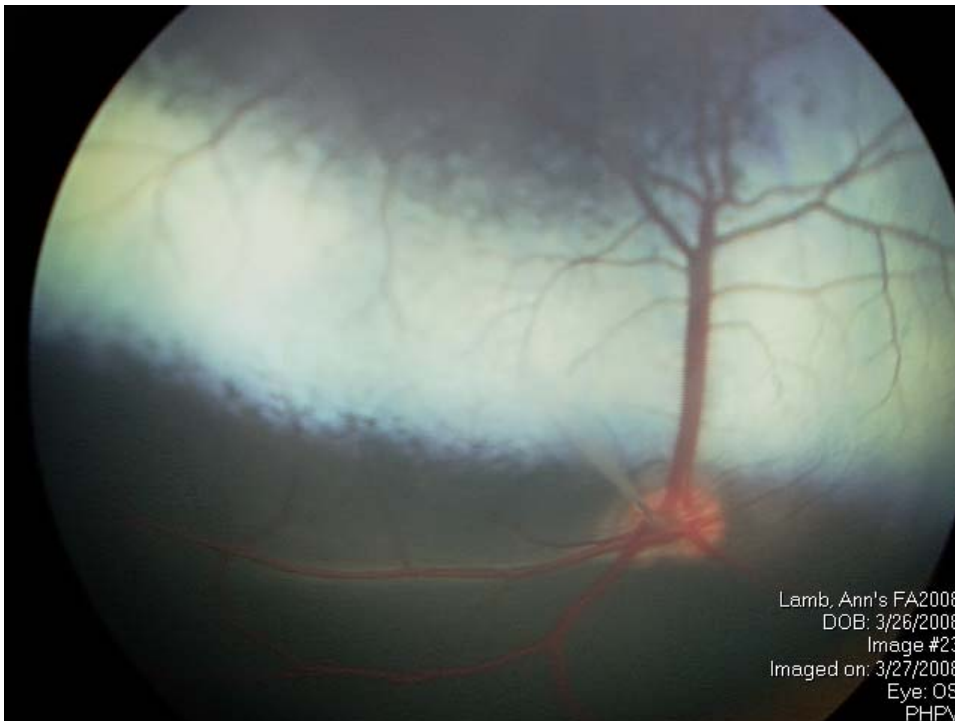
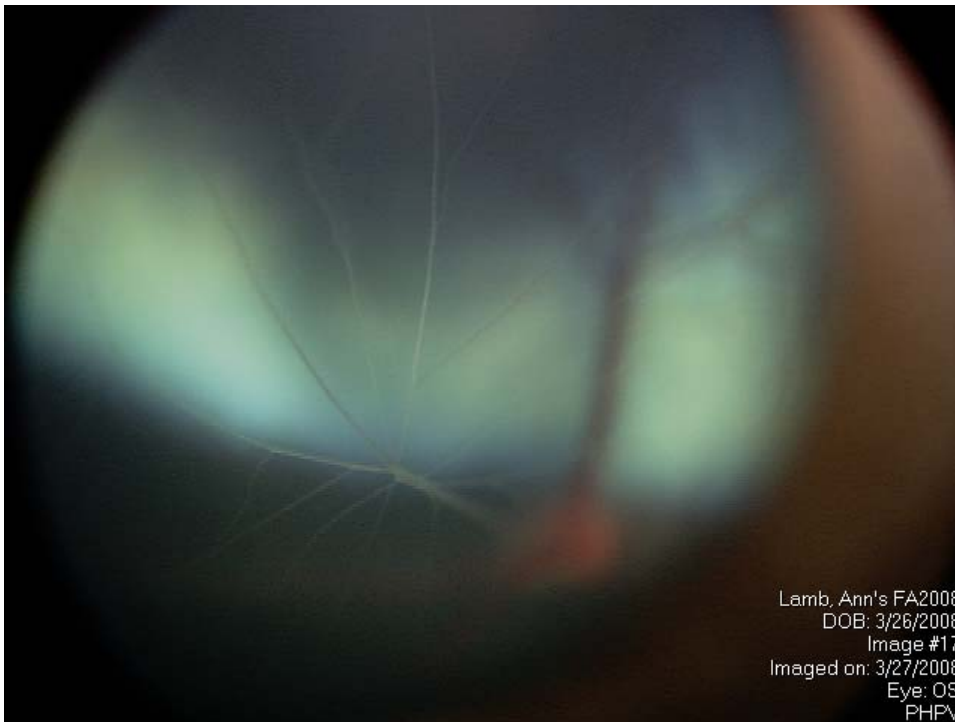
Questions:

1. What condition is depicted?
2. List 4 potential causes:

Acceptable Answers:

1. Epiphora; tear staining
2. Distichiasis, imperforate nasolacrimal punctae, entropion, ectopic cilia, trichiasis

Image 5



Question:

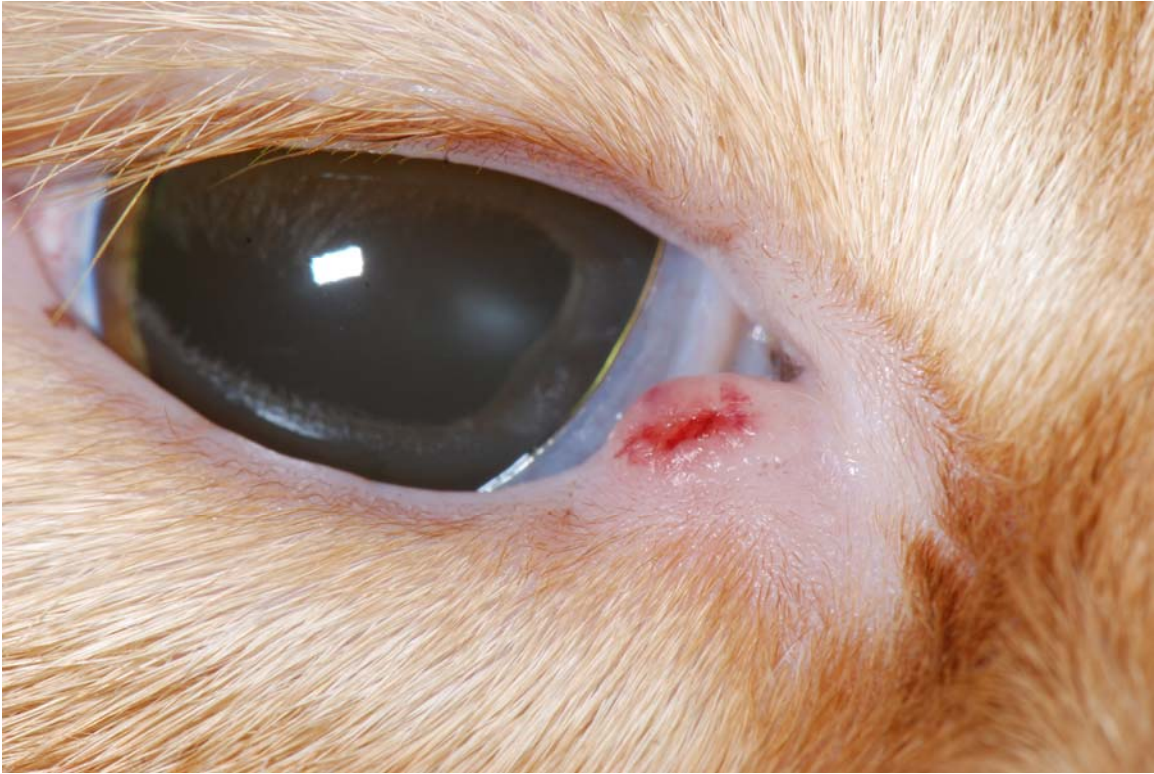
These are 2 fundic images of the left eye of a two-day old lamb. The right eye had a normal ophthalmic exam. What are the 2 most important clinical diagnoses?

Acceptable Answers:

Persistent tunica vasculosa lentis

Hyaloid artery remnant

Image 6



Questions:

1. List the 3 most likely differential diagnoses for this mass:
2. List the most likely intraoperative complication with surgical excision:

Acceptable Answers:

1. Mast cell tumor, Basal cell tumor, Squamous cell carcinoma
2. Loss of the inferior puncta

Image 7



Questions:

1. What is your clinical diagnosis?
2. List 3 of the most likely infectious etiologic diagnoses for this abnormality:

Acceptable Answers:

1. chorioretinitis; subretinal exudates; exudative retinal detachment
2. cryptococcosis, histoplasmosis, blastomycosis, coccidiomycosis, Aspergillosis, protothecosis, toxoplasmosis

Image 8



These photographs depict the same 10-year-old Holstein cow. The condition is bilateral.

Questions:

1. List 5 abnormalities.
2. What diagnostic blood test may help confirm the etiology?

Acceptable Answers:

1. Exophthalmos, subconjunctival edema or chemosis or subconjunctival infiltrate, miosis, corneal edema, corneal vascularization, hypopyon
2. Serology for bovine leukemia virus (BLV)

Image 9



Question:

What procedure is being performed?

Acceptable Answer:

Phenol red thread tear test

Image 10



Questions:

1. What is shown in the image above?
2. What is the intended use of this item?

Answers:

1. Punctal plug or punctual occluder
2. Treatment of dry eye conditions – retain tears in conjunctival fornix