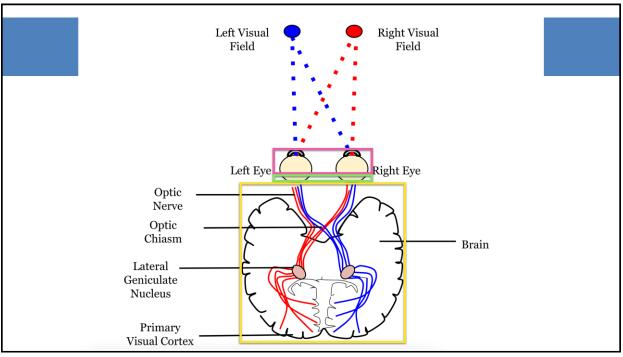




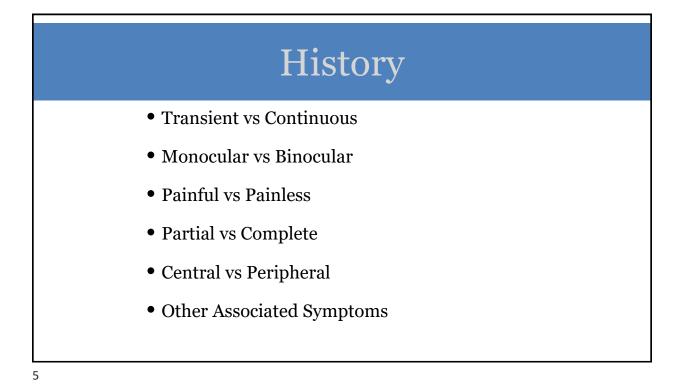
I have no financial interests or relationships to disclose.

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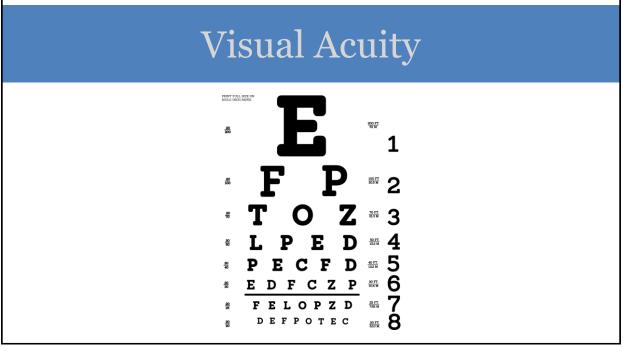
Rebecca Bloch, MD Help, I Can't See!



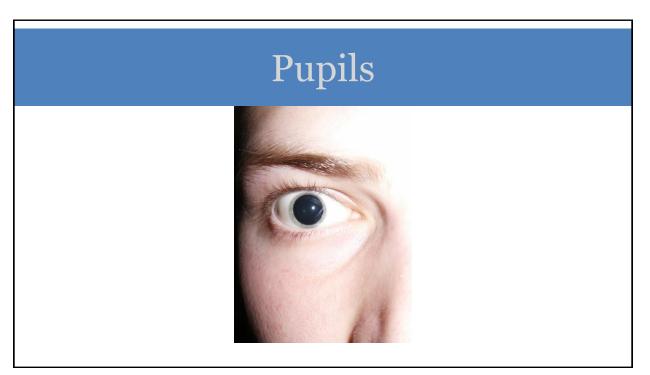
# History Vascular disease? DM, HTN Hypercoagulable/anticoagulated Baseline visual acuity Contact lenses, recent eye surgery Medications affecting vision

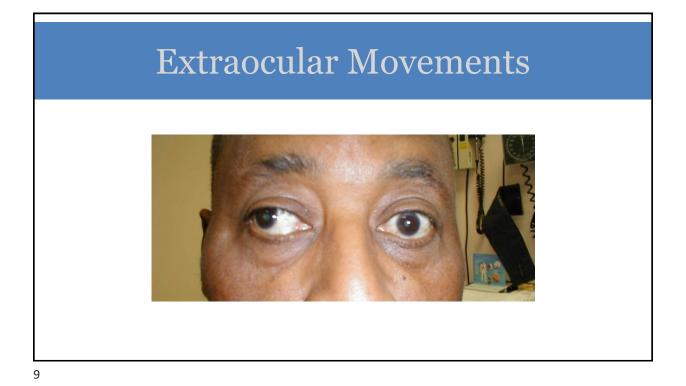














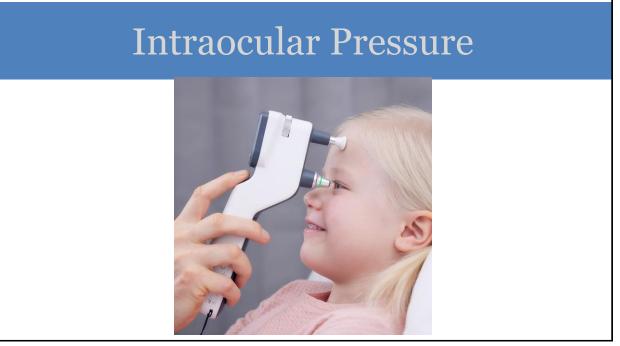


## Fundoscopy



### Ocular Ultrasound



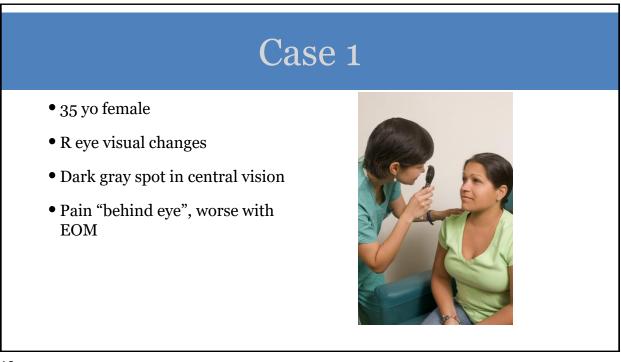




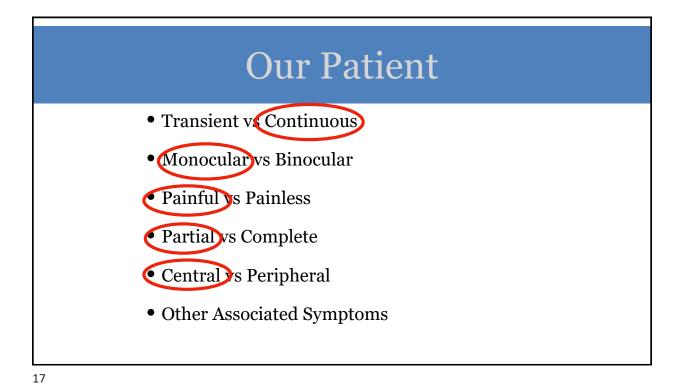


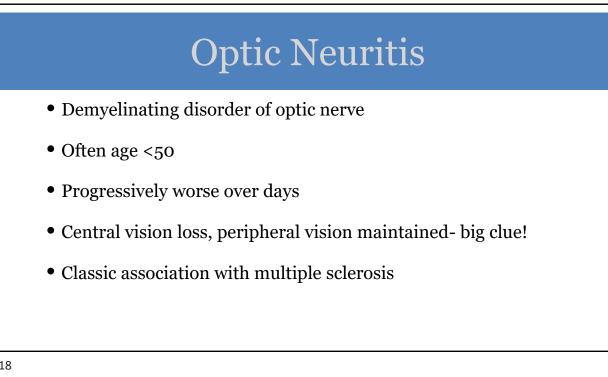


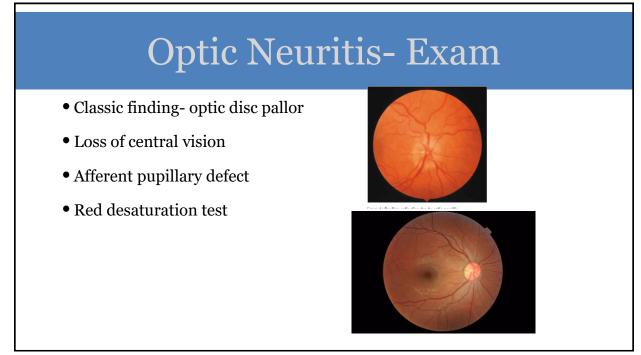


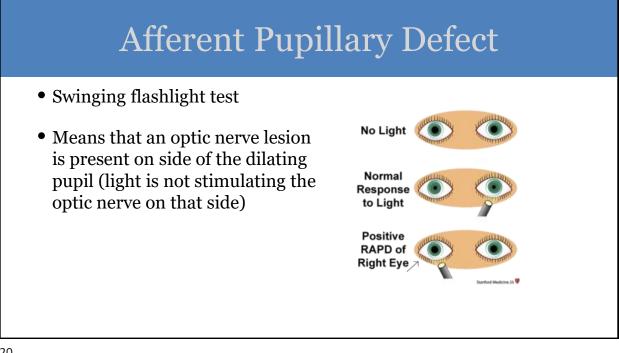


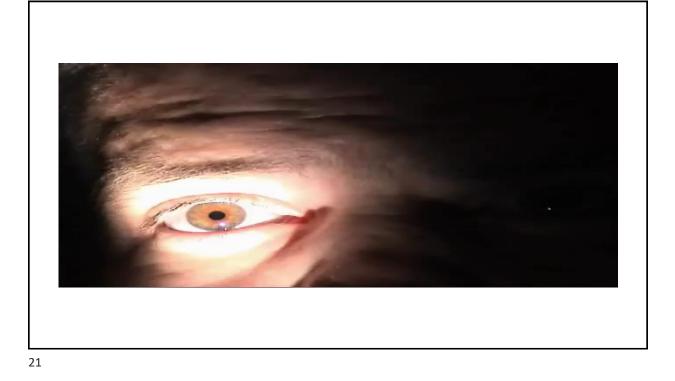
Rebecca Bloch, MD Help, I Can't See!

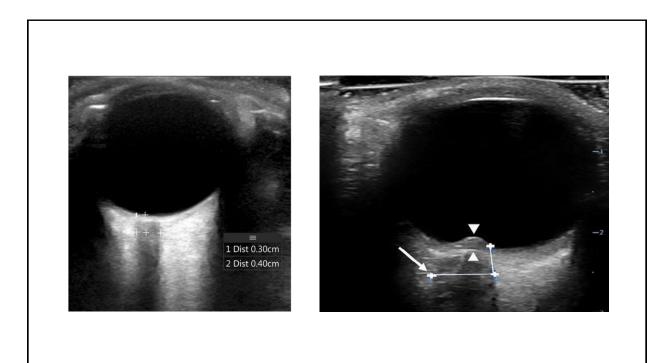








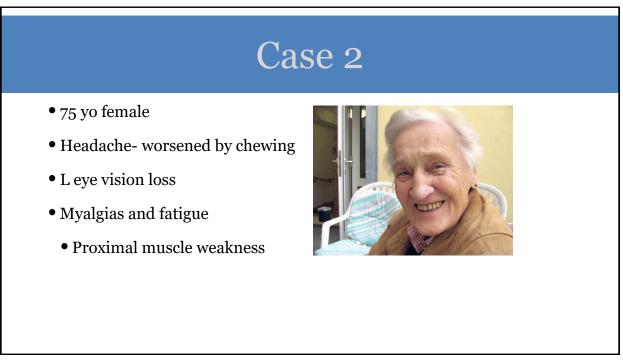


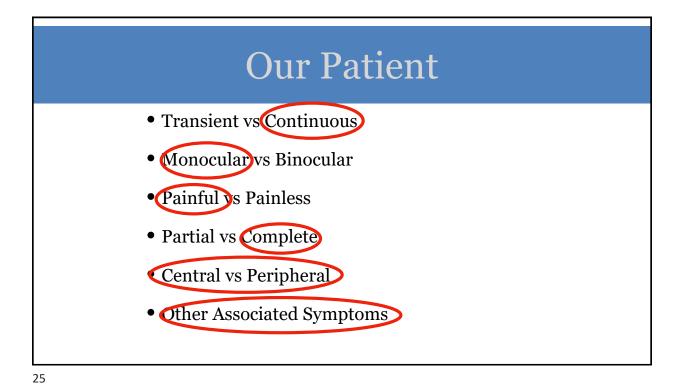


# **Optic Neuritis-Treatment**

#### • Steroids

- IV methylprednisolone
- Discuss with Ophthalmology and Neurology





# Giant Cell Arteritis

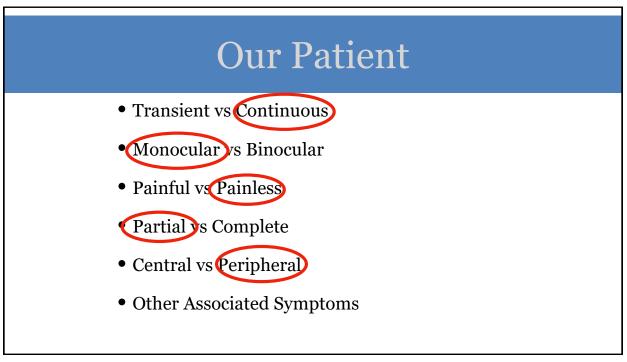
- Get ESR- >50 suspicious for diagnosis
- Tx- steroids
  - Vision loss- IV 500-1000 mg methylprednisolone, admit
  - No vision loss- prednisone 1mg/kg PO, outpatient
- Confirmation- temporal artery biopsy

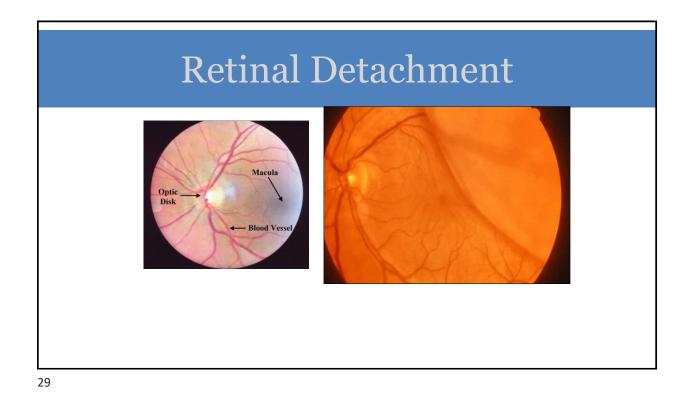
## Case 3

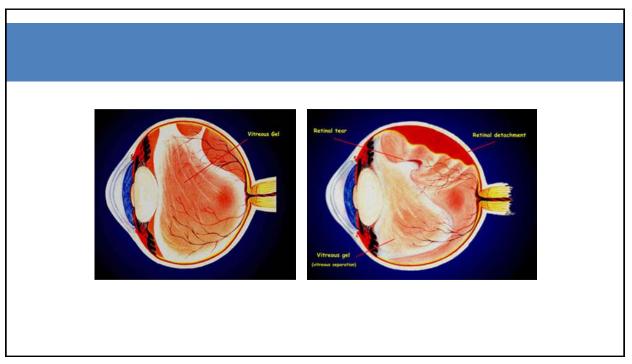
- 60 yo male
- Intermittent flashes R eye x 1 week
- Now lateral visual appears dark







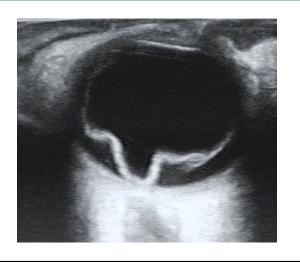






- Eye/vitreous is great US medium
- Retinal detachment is shown here





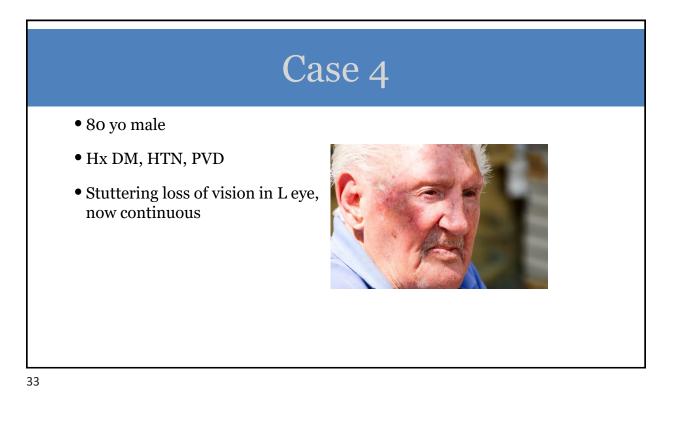
#### Treatment

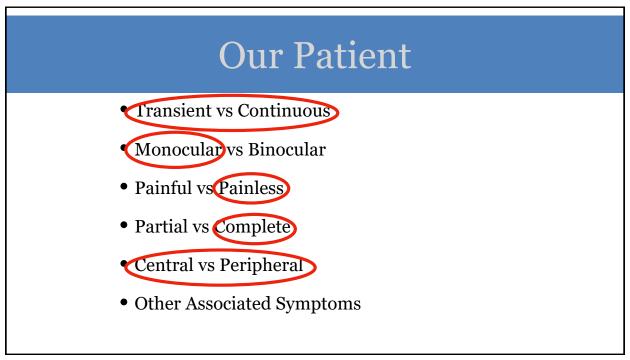
- Urgent surgical repair
- Emergent if fovea/macula threatened
- Laser to adhere retina and seal tear





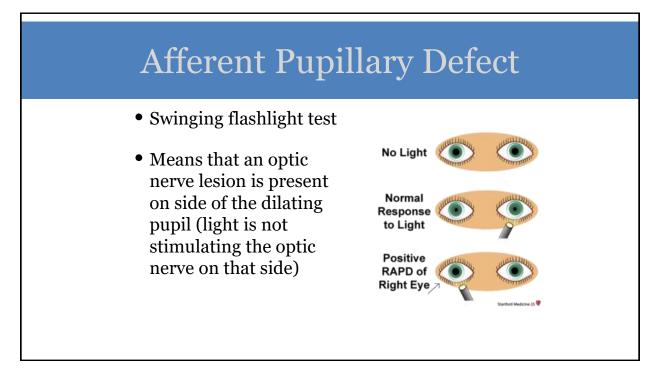
Rebecca Bloch, MD Help, I Can't See!

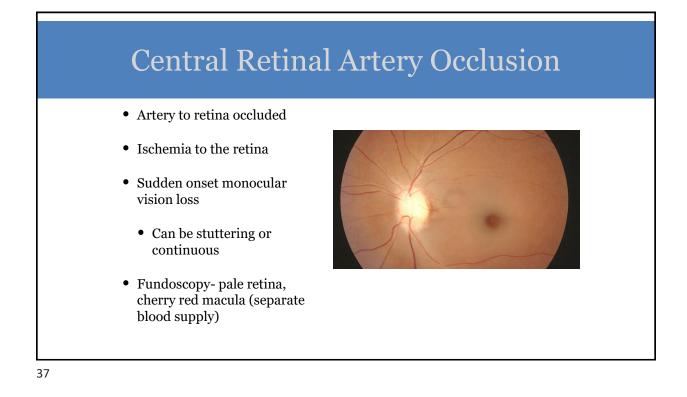


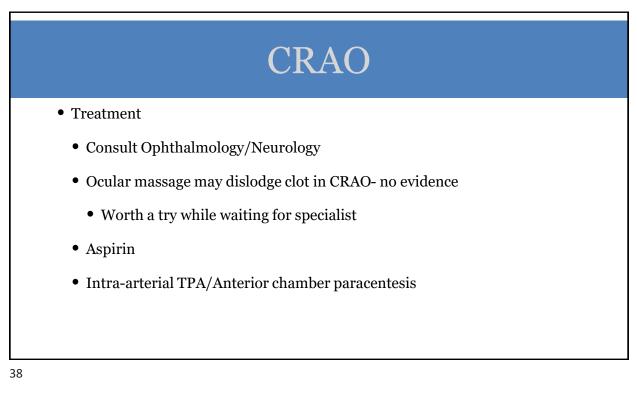


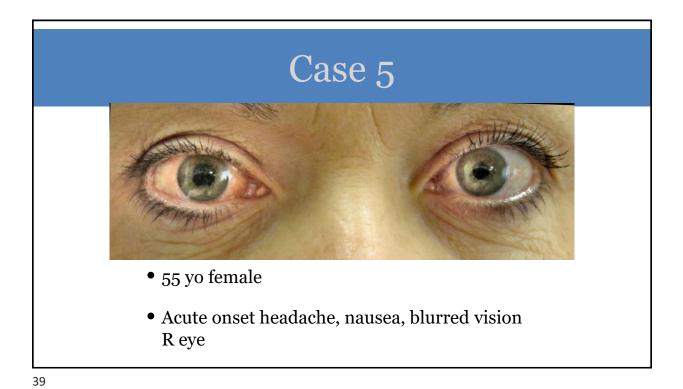
## CRAO

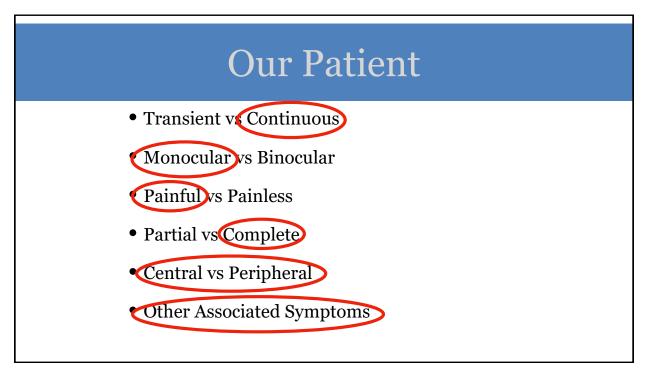
- Older patients
- DM
- Vascular disease
- Harder to diagnose, because also at risk for CVA
  - Fundoscopy important!
  - Can also look for afferent pupillary defect

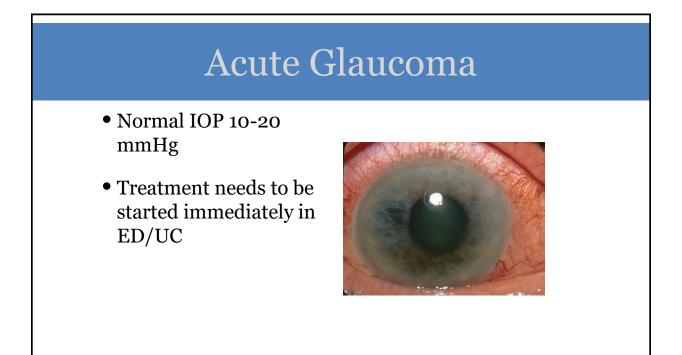


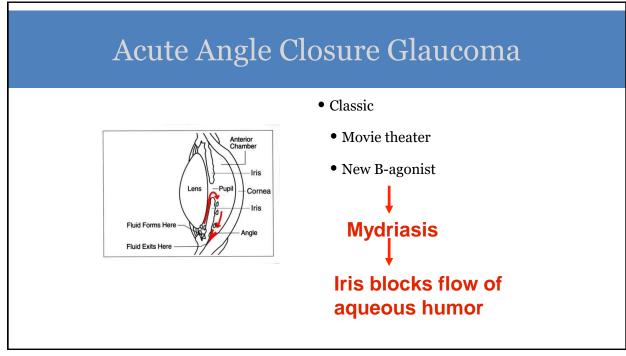








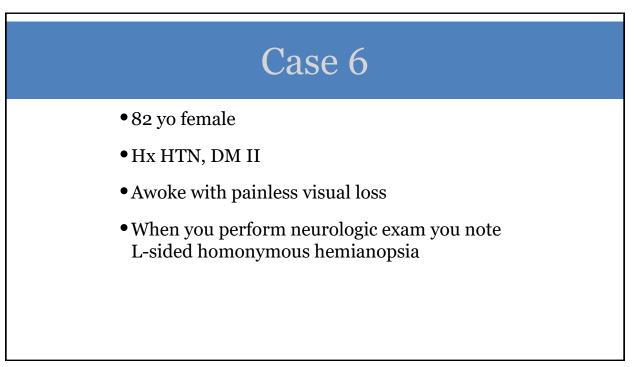


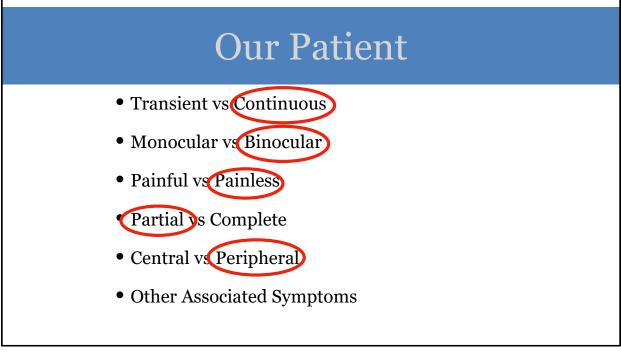


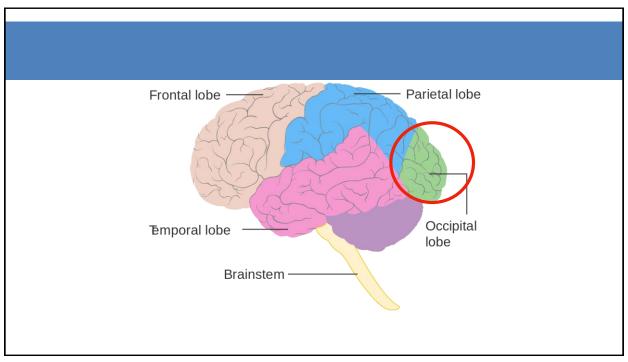
#### **Emergent Ophthalmology Consult**

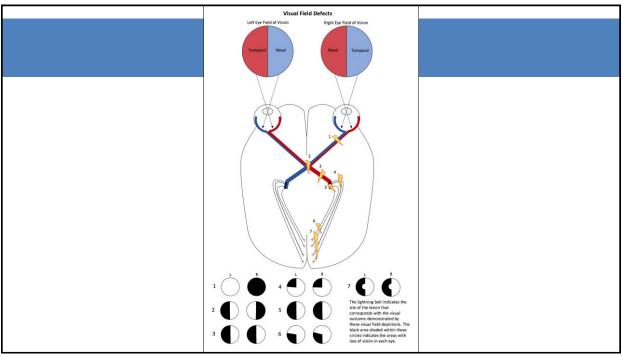
- Optic nerve ischemia can result in permanent vision loss
- Initiate multi-drug therapy to lower IOP
- Definitive treatment is iridotomy
  - Laser created passageway for fluid

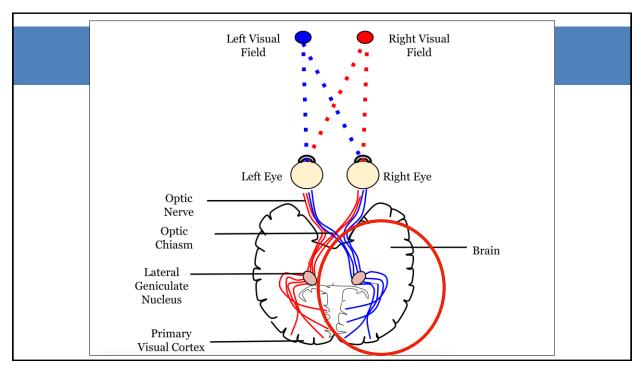








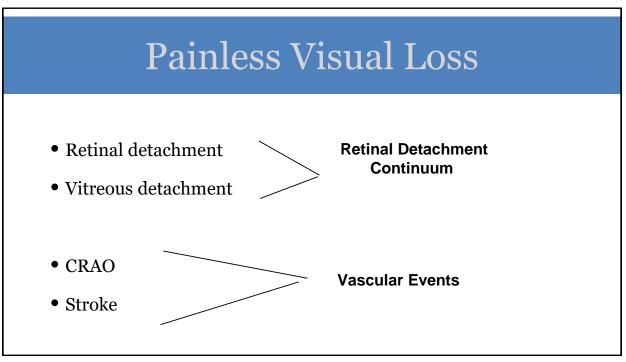


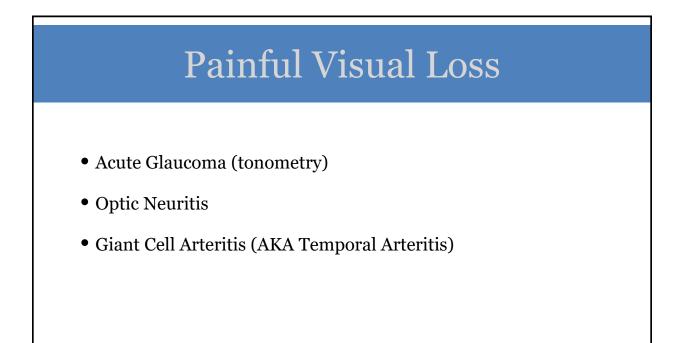


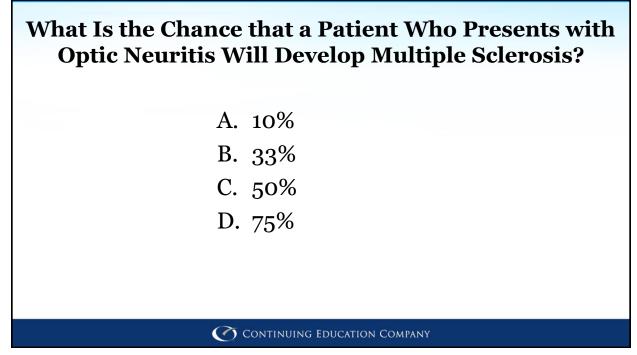
#### Psychogenic Blindness/Conversion Disorder

- Diagnosis of exclusion!
- Careful history
- Full ophthalmologic and neurologic exam
- Many vision-threatening diagnoses to exclude!









#### Exam Findings in Acute Angle Closure Glaucoma Do NOT Include:

- A. Injected conjunctiva
- B. Sluggish pupil
- C. Peri-orbital edema
- D. Corneal edema

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