

# ACUTE VISUAL LOSS

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# POWERPOINT

- The main problem is the temptation for me to simply read to you from each slide, as I would read a story to my three year old, and for you to just read it and not take anything else in or think about anything I am saying. I am currently alive and as such wish to provide you with the added value possible with such an arrangement and only refer briefly to the slides. If you love reading you can read all this later or, if you were really organised, you have already read it.

# I AM NOT A FAN OF POWER POINT

- You see what you look for and you look for what you know
- When you hear the sound of hooves think horses not Zebras
- Tacit versus explicit knowledge



# A FREE TEST

- I M T D S N I N V U

# A FREE TEST

- I M T D S N I N V U

# A FREE TEST

- I M T D S N I N V U

# A FREE TEST

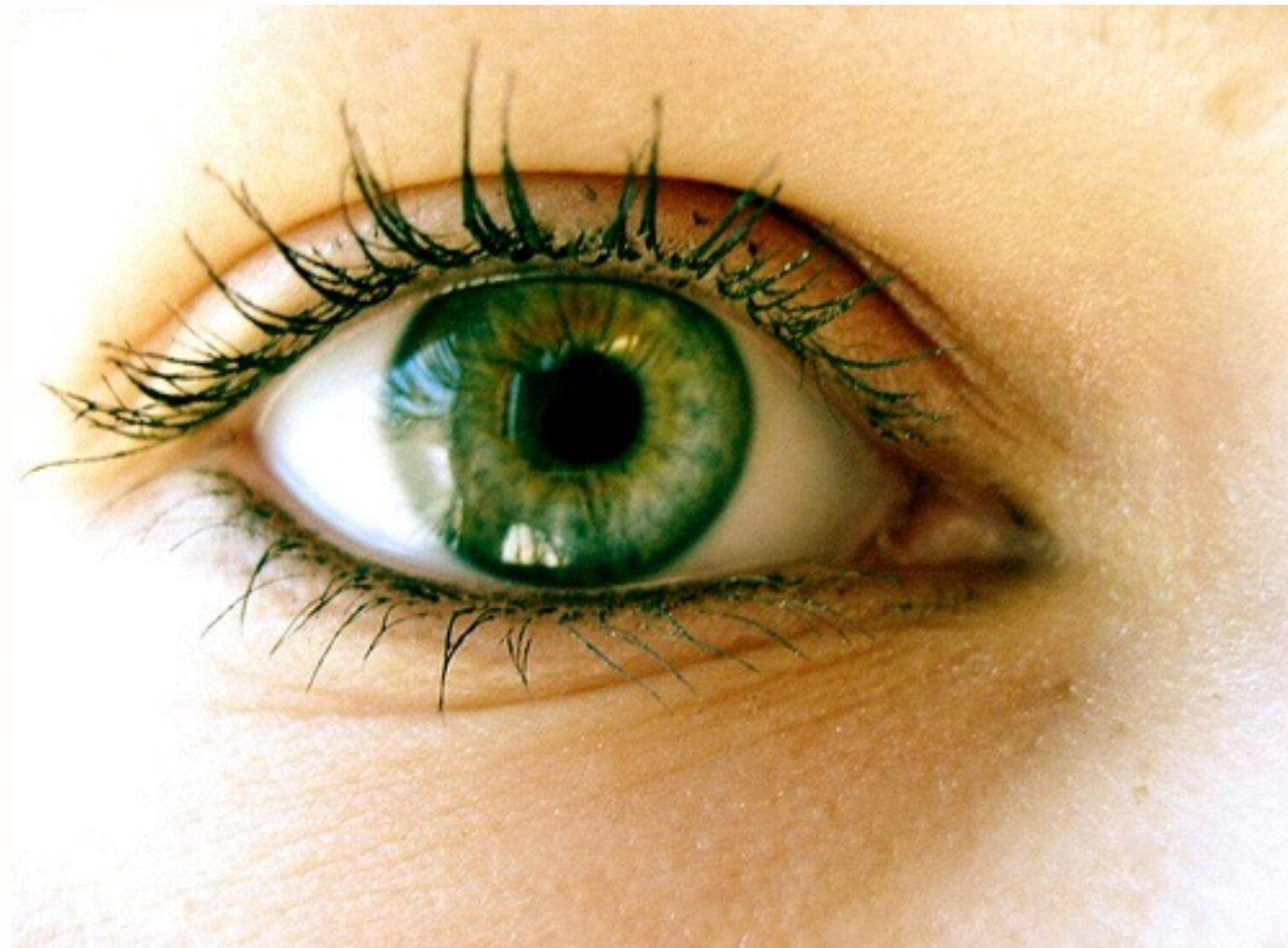
- I M T D S N I N V U

# A FREE TEST

- I M T D S N I N V U

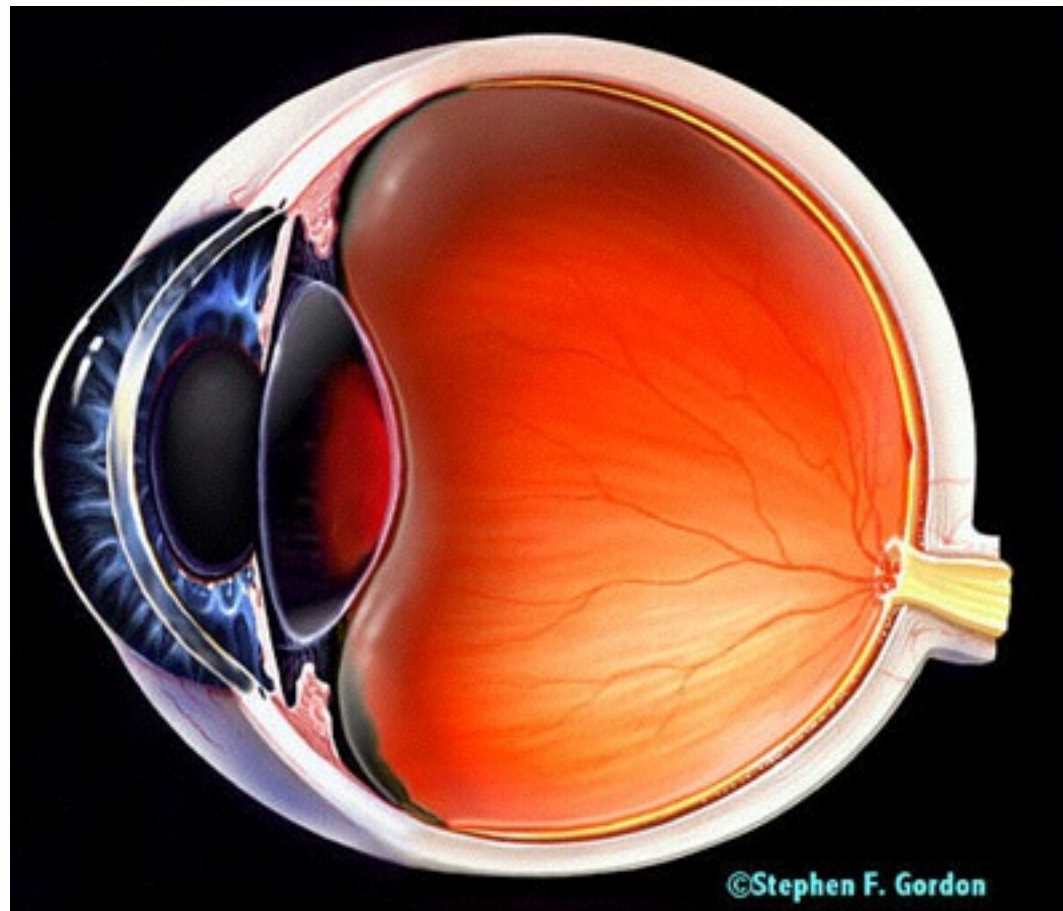


# OBSERVE





# LIGHT PATH





# KIT

- Demographic
- History
- Vision Distance and near, Pin Hole
- Pen torch for pupils
- Ophthalmoscope, red reflex and beyond

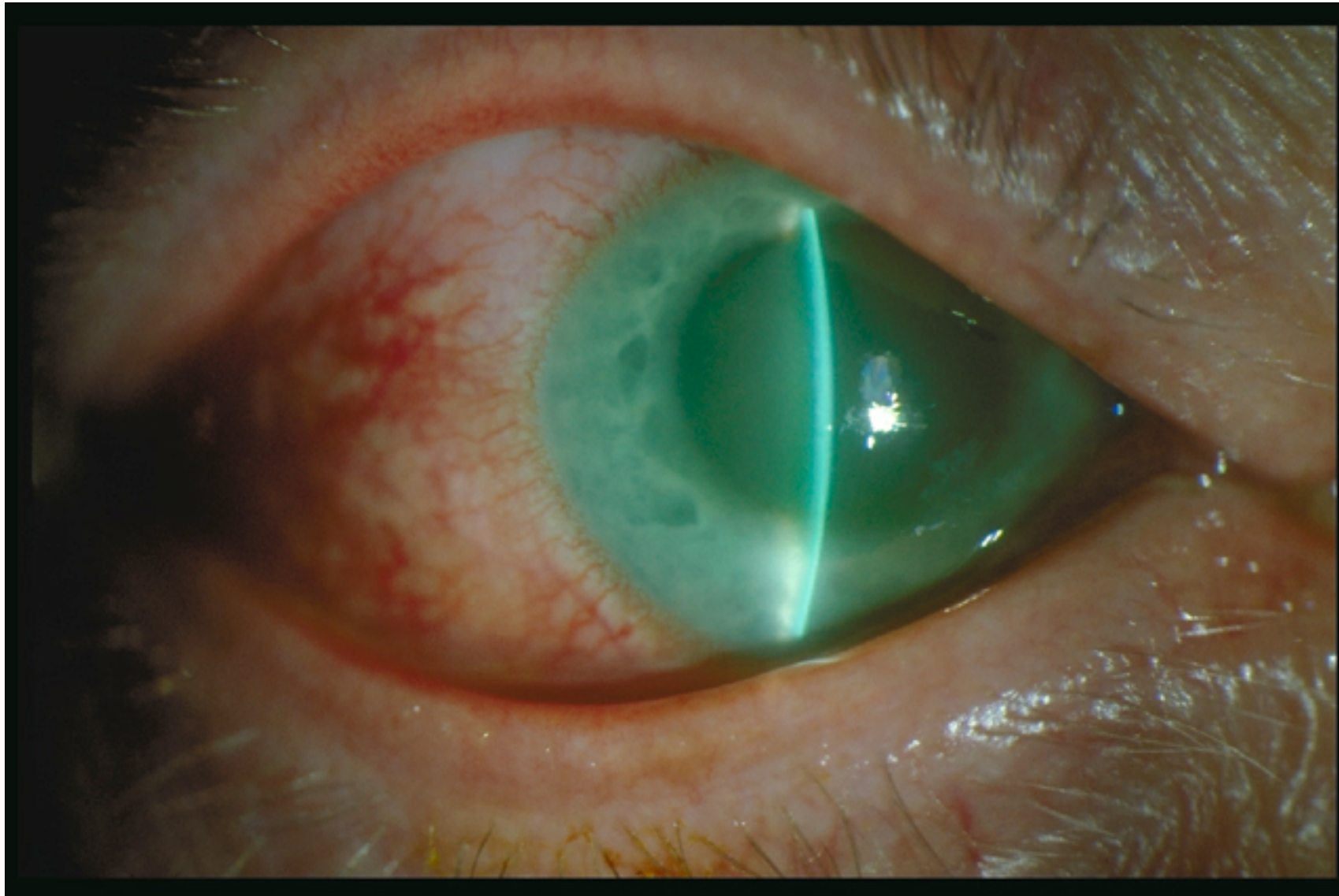


# RAPD DEMO





# HORSE NUMBER ONE!





# ANGLE CLOSURE GLAUCOMA

- D: Old
- H: Severe pain, nausea, haloes, loss of vision
- V: CF
- PT: Hazy, pupil fixed and mid dilated, +/- RAPD
- O: Red Reflex slightly reduced, Poor view of fundus
- Emergency



# HORSE NUMBER 2



Courtesy of Harold R. Katz, MD and Brian J. Lutman, CRA  
©1997 Sinai Hospital, Baltimore, MD



# CORNEAL ULCER

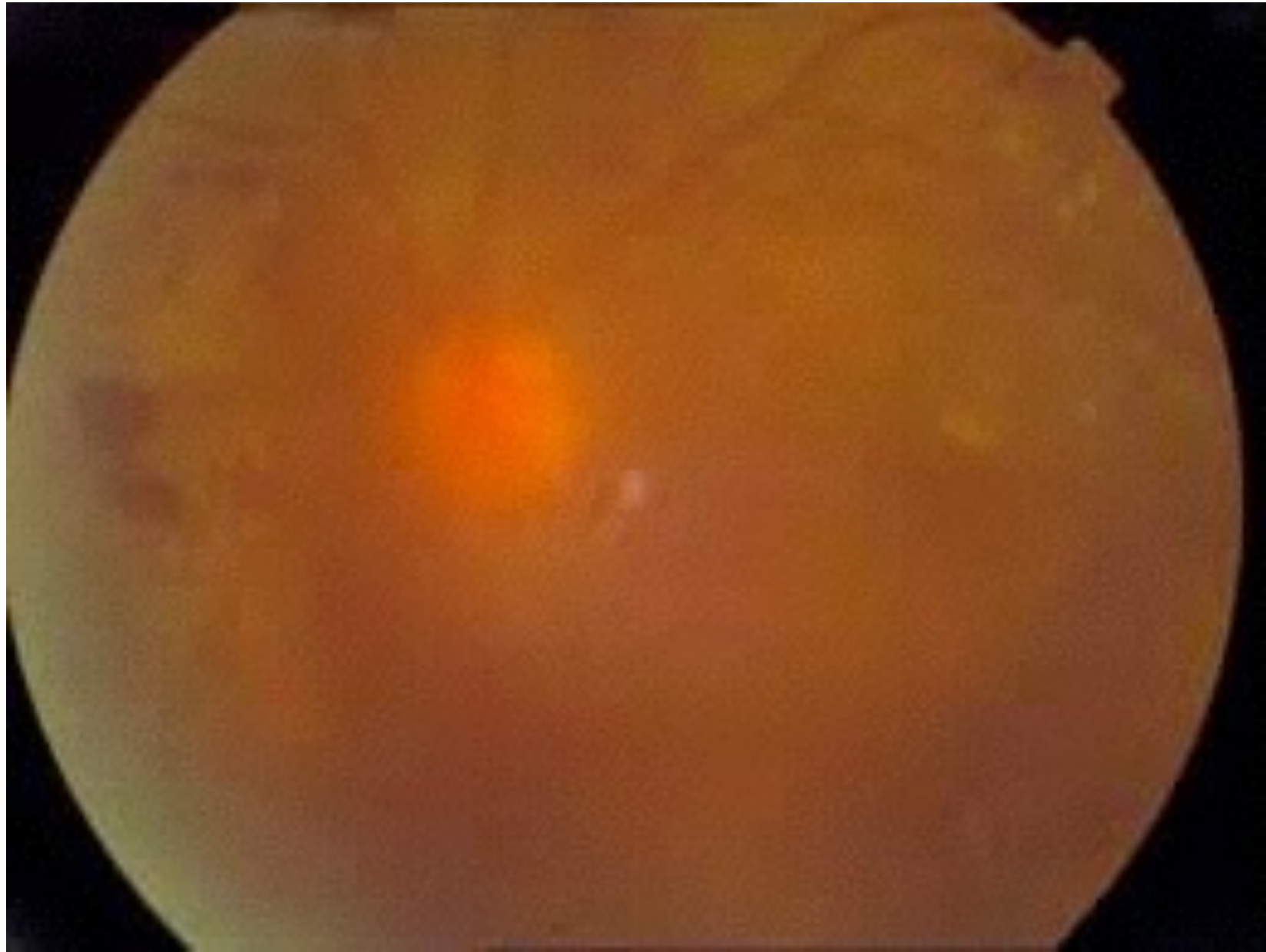
- D: Young
- H: Severe pain and rapid loss of vision
- V: CF
- PT: Hazy cornea, No RAPD
- O: Corneal oedema, Hypopyon, Poor view of fundus
- Emergency

# PARALLAX GAME





# HORSE NUMBER 3







# VITREOUS HAEMORRHAGE

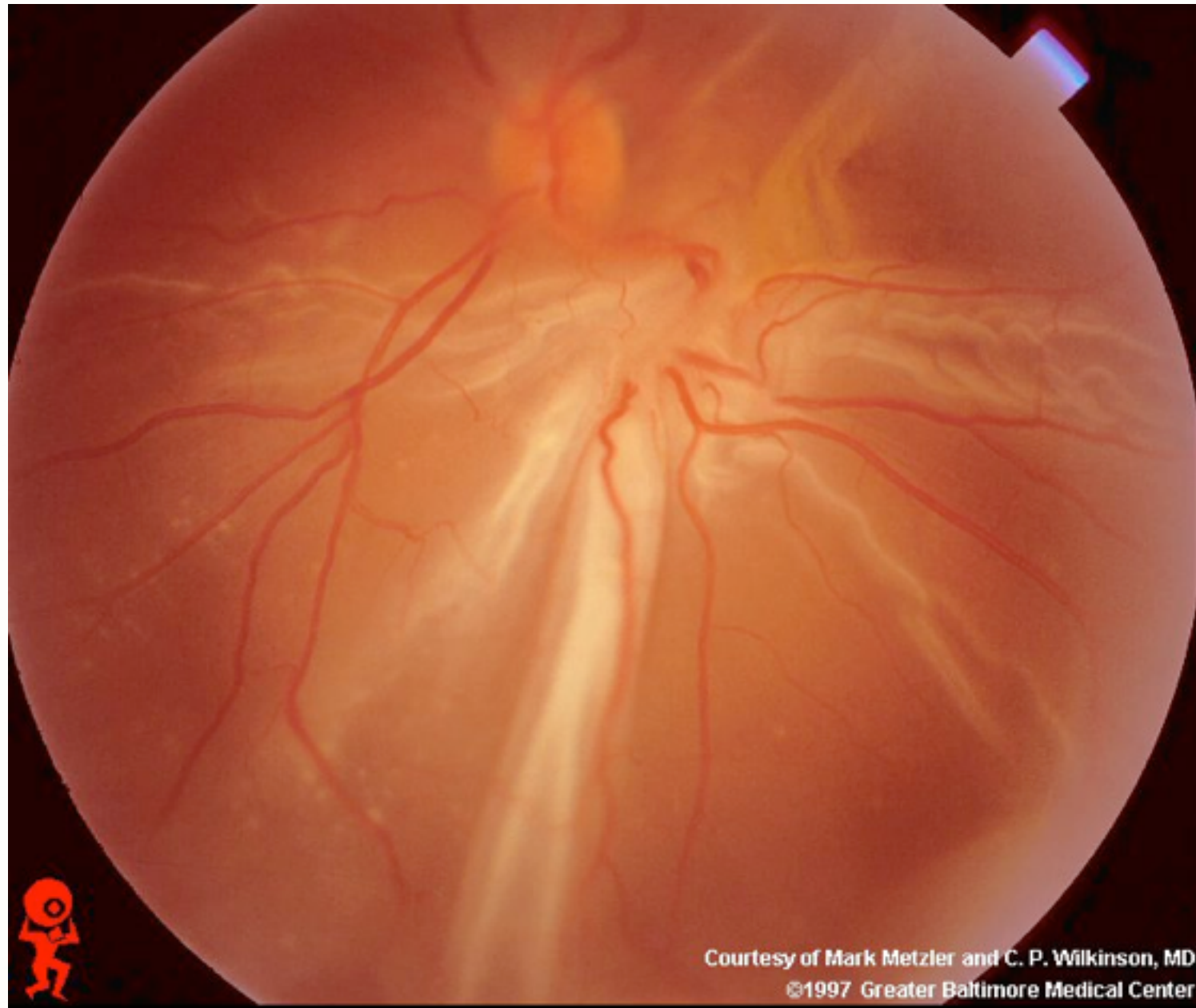
- D: Younger / middle aged / Diabetic
- H: Rapid loss of vision, misty
- PT: Normal externally, +/- RAPD
- O: Loss of red reflex, no useful view of fundus
- Urgent referral



# WHY THE OPHTHALMOSCOPE IS ...

- GET INTO PAIRS

# HORSE NUMBER 4





# RETINAL DETACHMENT

- D: Middle aged to older, myopic
- H: Flashes, Floaters, Fading vision, 6/6 of HM
- PT: Partial loss of red reflex, RAPD
- O: Blurred view
- Emergency see within 24 hours



# HORSE NUMBER 5



Courtesy of J. Donald Gass, MD and Timothy D. Polk, MD  
©1993 Bascom Palmer Eye Institute

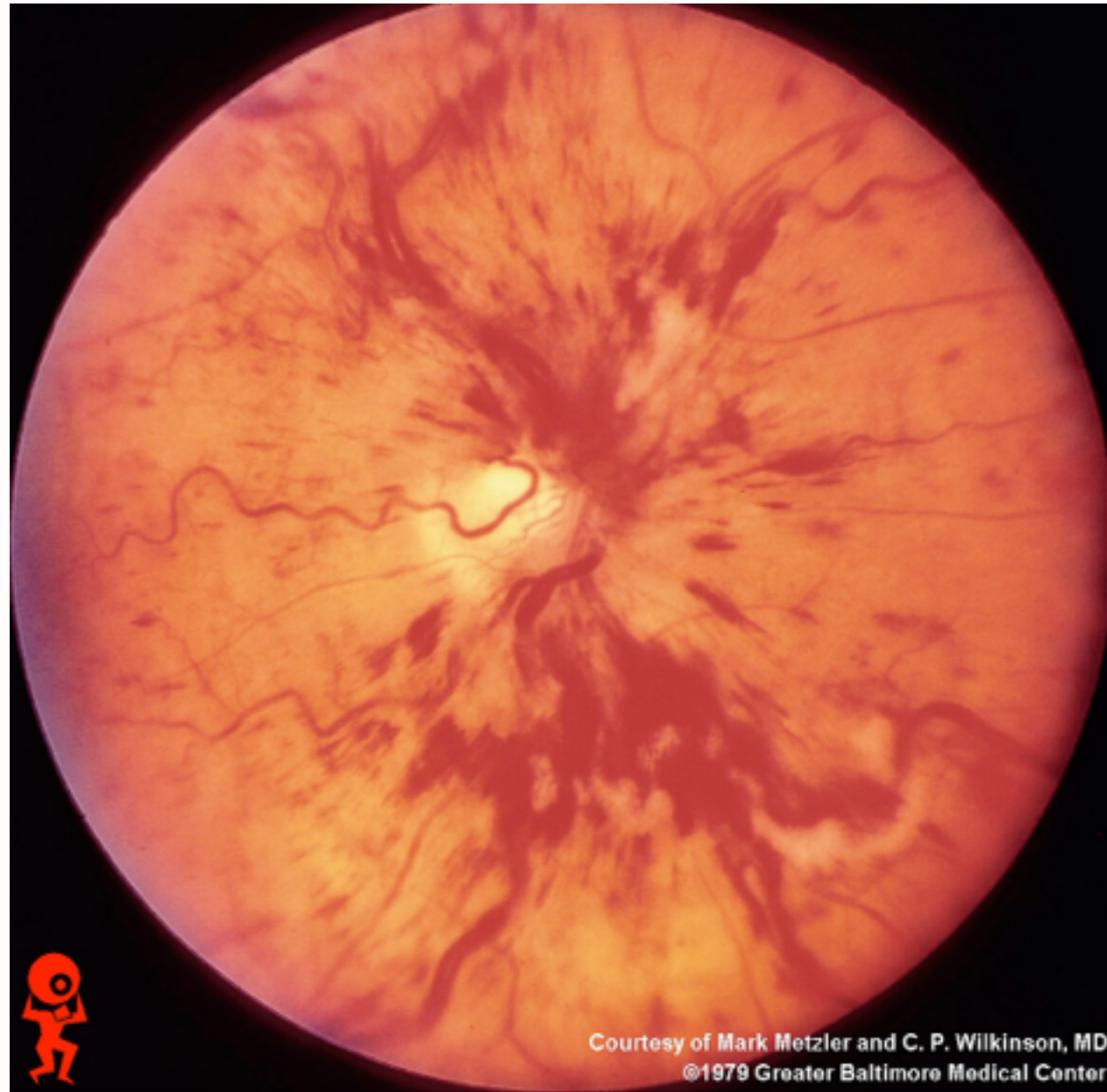


# ARMED

- D: Old
- H: Loss of central vision, detail, distortion, patches
- PT: Normal external, no RAPD
- O: Drusen, RPE change, Haemorrhage, fluid
- Urgent referral



# HORSE NUMBER 6



Courtesy of Mark Metzler and C. P. Wilkinson, MD  
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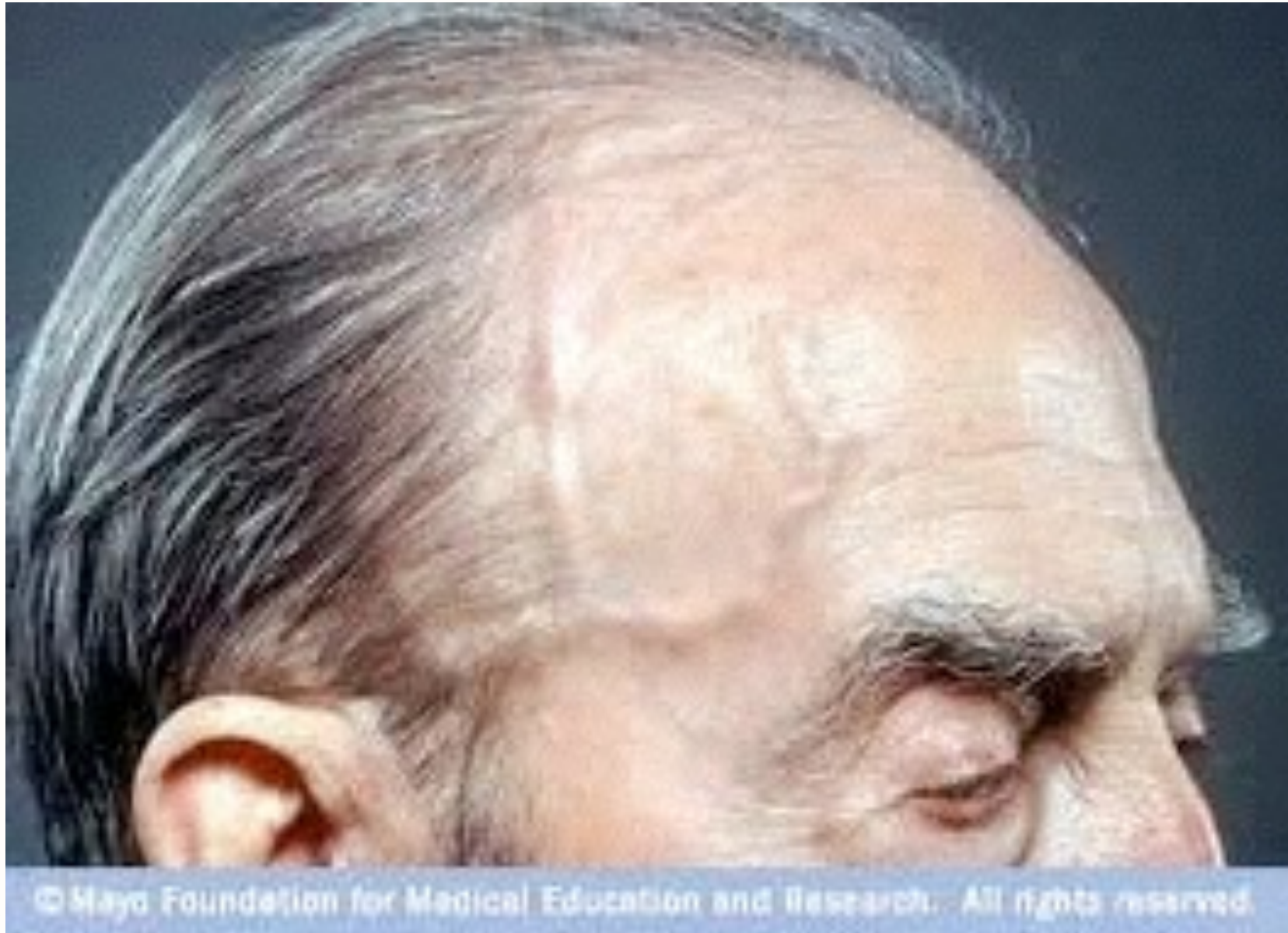


# CRVO

- D: Older, Hypertensive
- H: Often wake up with very poor vision, variable
- PT: +/- RAPD
- O: Blood and thunder
- Refer within a couple of months. BP



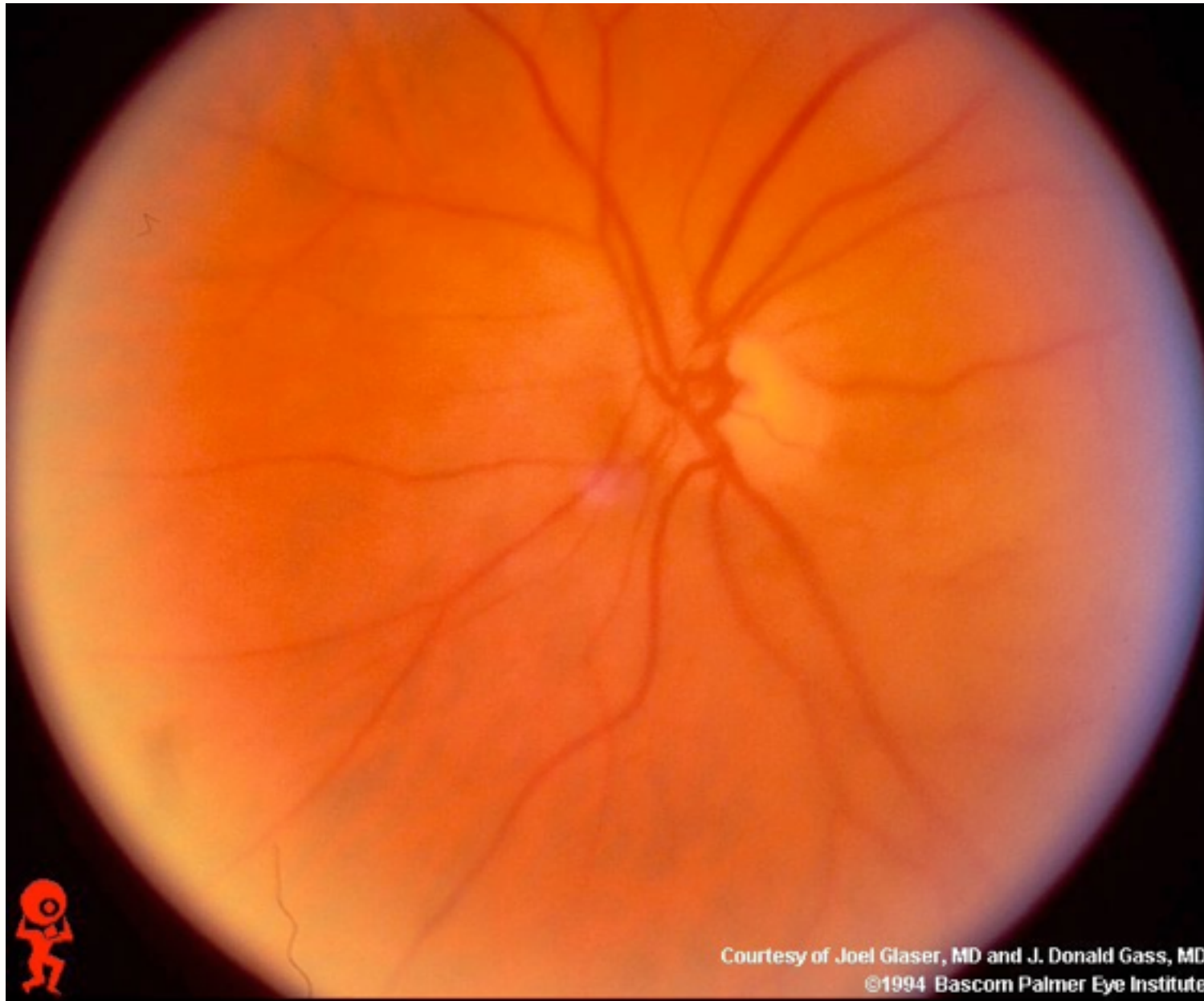
# HORSE NUMBER 7



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# HORSE NUMBER 7





# GCA

- D: Old (rare under 60)
- H: Months of malaise, HA, Jaw Claudication. Loss of vision profound NPL
- PT: RAPD
- O: Pale swollen disc, CRAO
- Urgent same day referral, steroids, Temporal artery biopsy. Significant risk to other eye.



# HORSE NUMBER 8



Courtesy of Rudrani Banik, MD  
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# OPTIC NEURITIS

- D: Young
- H: Rapid loss of vision over days. Variable
- PT: RAPD
- O: Disc swollen and hyperaemic may have flame haemorrhages
- Refer soon will onward refer to neurologists



# HORSE NUMBER 9





# MIGRAINE

- D: Younger
- H: Flashing lights, zig zags, increase in size. Goes after 20 minutes
- PT: Nil to see
- O: Nil to see
- GP



# YOU ALL GO BLIND WHEN..

- Get into pairs



THANKYOU