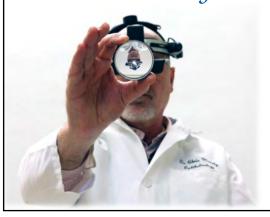


Doing a Great Fundic Exam (As easy as "Fundic Mathematics")



David J. Maggs BVSc (Melb), Dip ACVO, MANZCVS Professor Emeritus, Ophthalmology



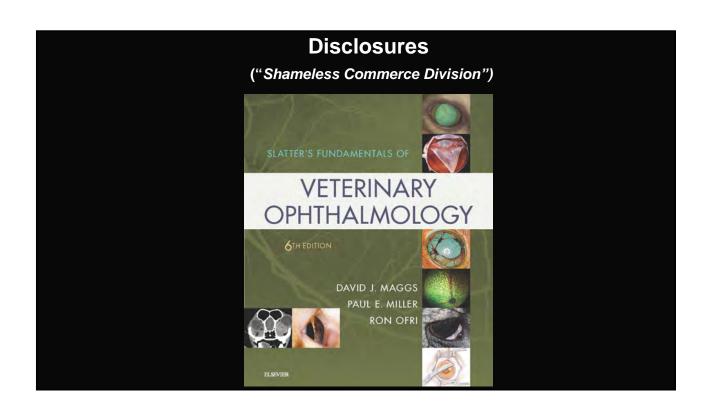
Financial Disclosure Statement

I have in the past acted, or currently act, as a consultant to, received grants from, or been paid honoraria by the following organizations:

- Aratana Therapeutic
- Bayer
- Dan Scott and Associates
- Elsevier
- I-med Pharma
- Keragenix Inc.
- Merck Animal Health
- Merial
- Nestle Purina
- Novartis Animal Health

- Okapi Science
- Optyx Inc.
- Pharmacia and Upjohn
- Preclinical Research Services Inc.
- Ralston Purina
- Royal Canin
- Sentrx
- The Eye Vet (India)
- Vetoquinol
- Winn Feline Foundation

However, no organization determines the content of my lectures













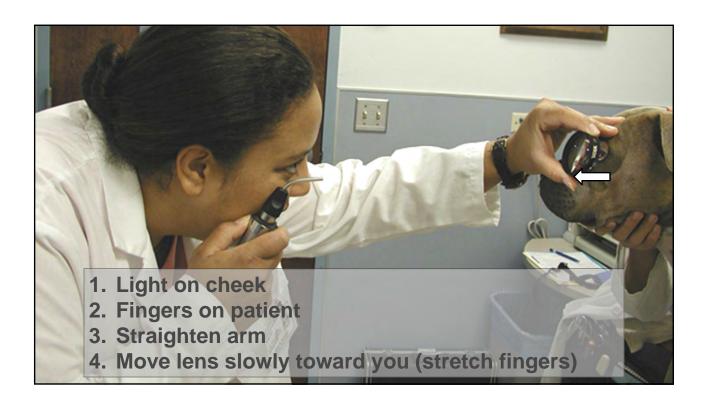






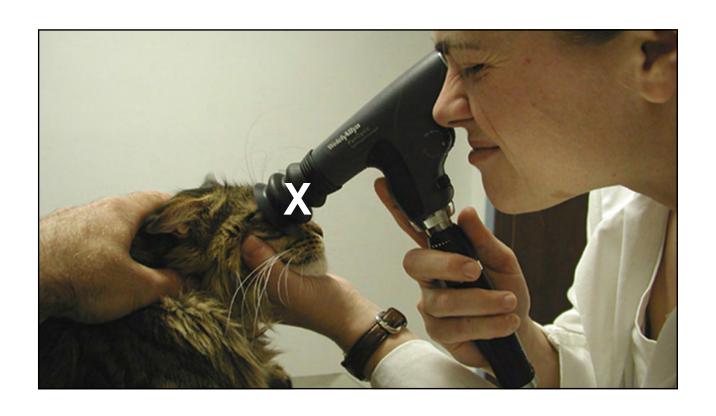




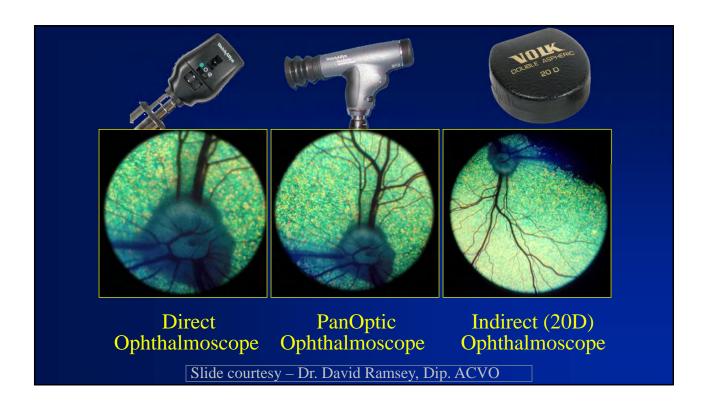




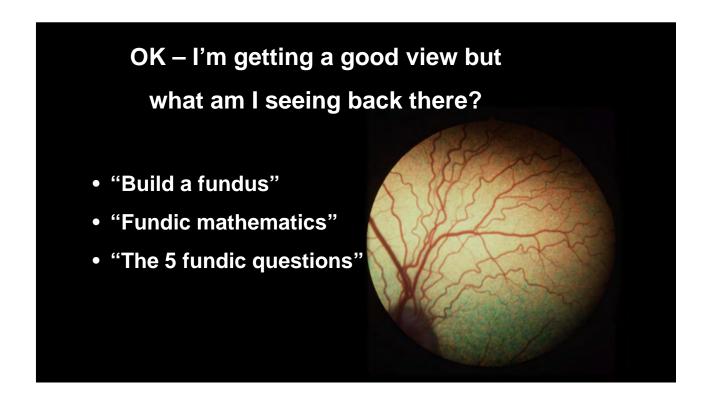


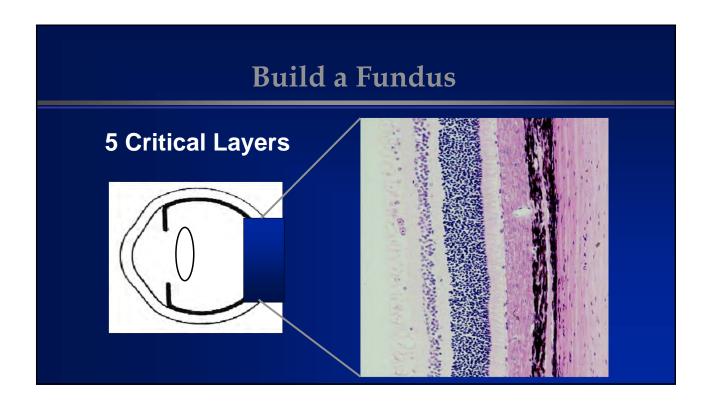


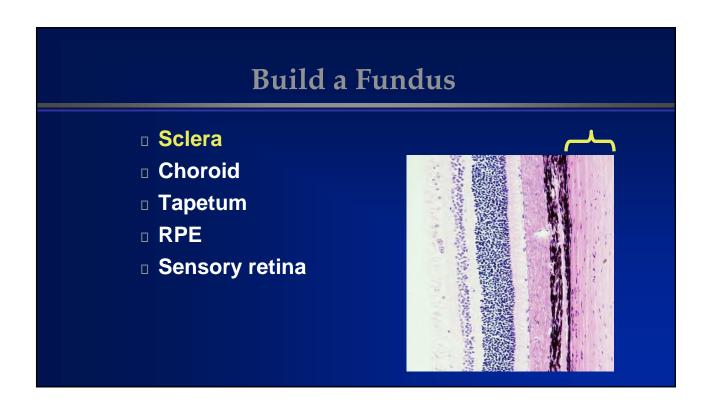


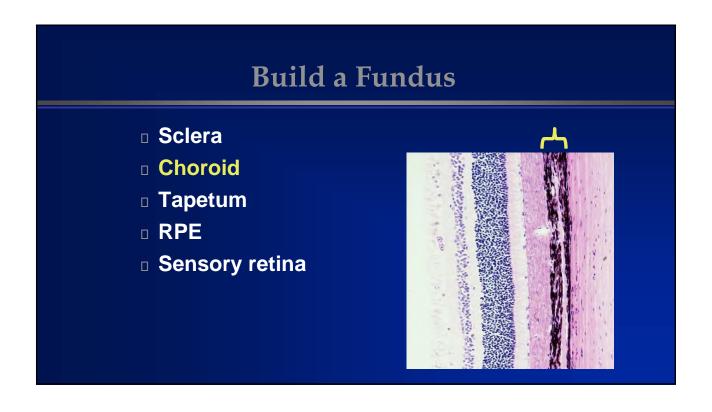


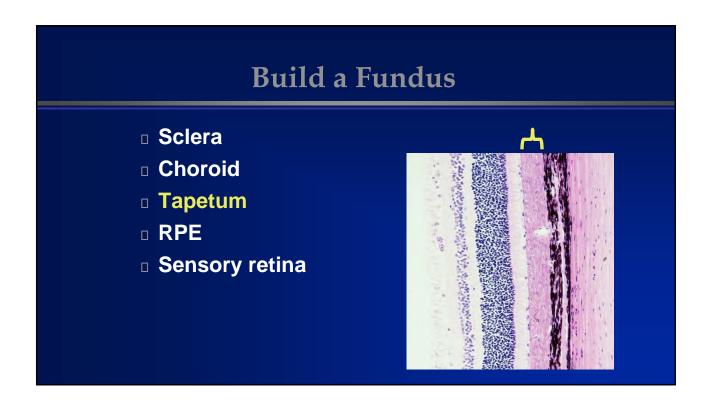


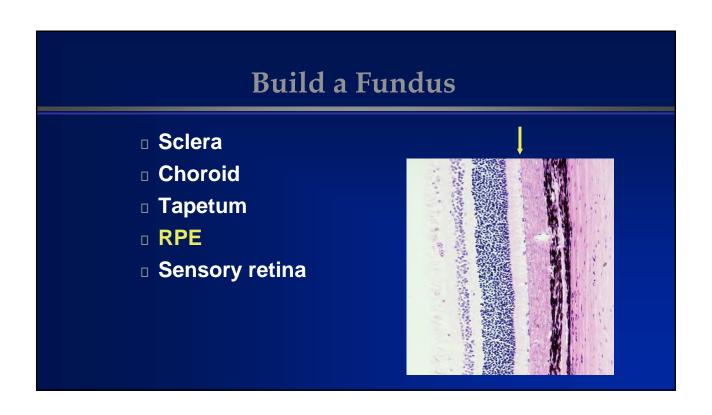


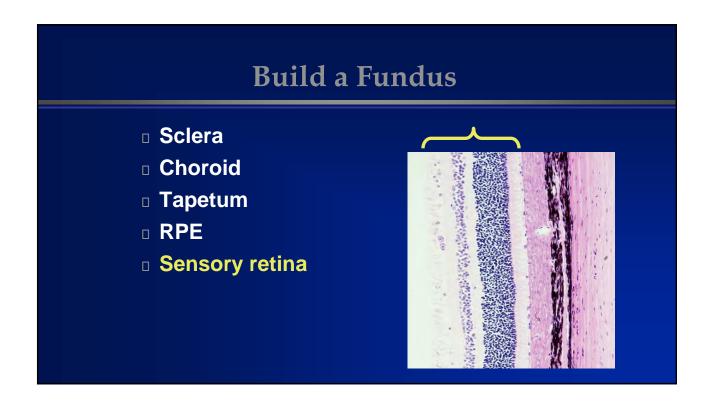




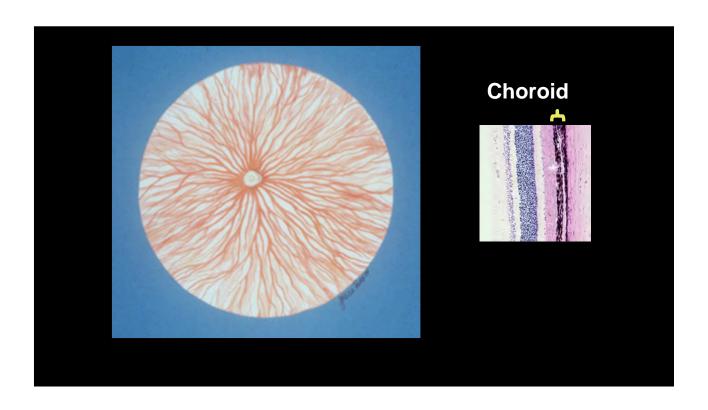


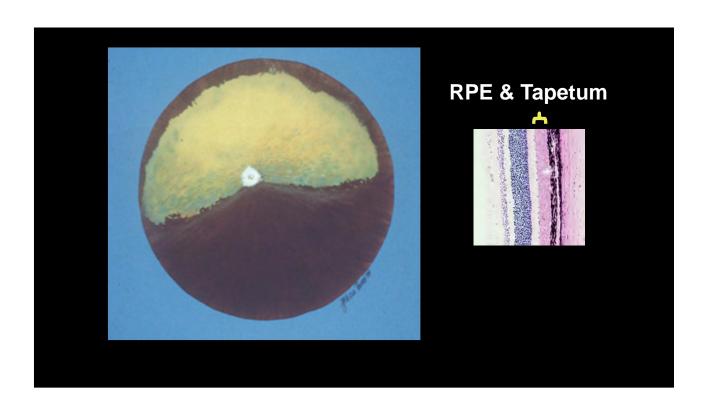


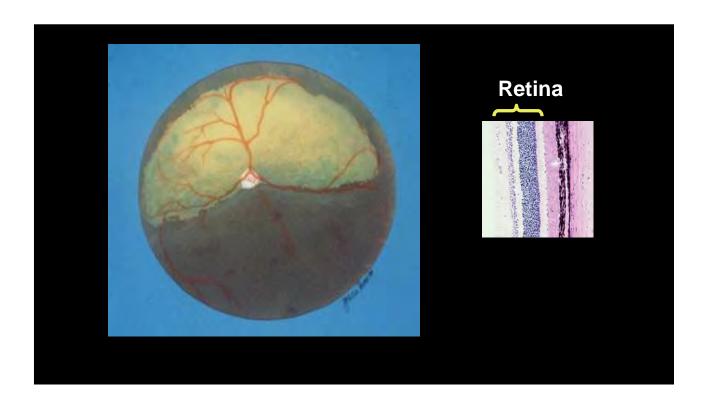












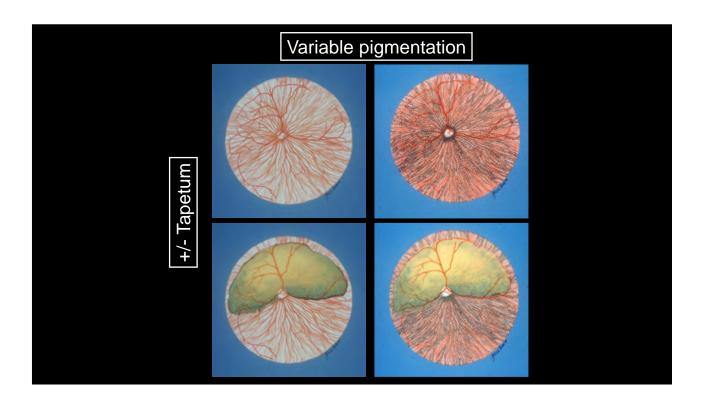


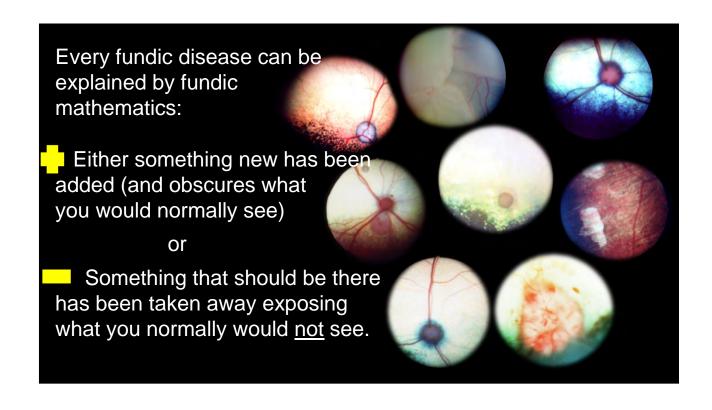


Two Common Variations

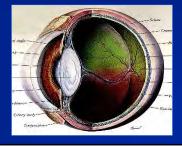
- The RPE & choroid may be variably pigmented
 - The tapetum may be present or absent

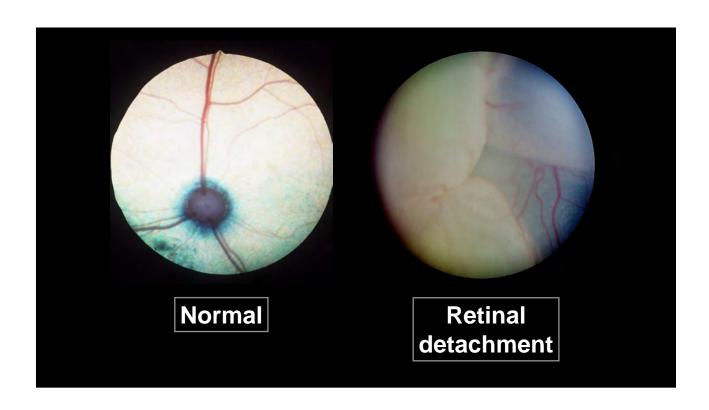




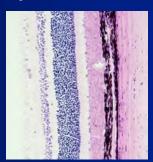


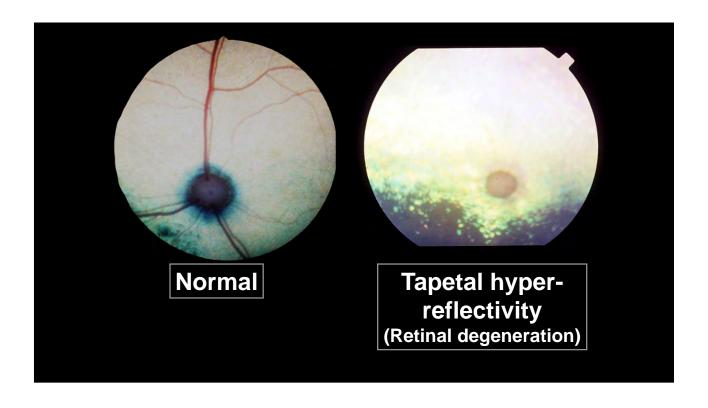
- 1. Can I focus on all parts of the fundus?
 - Is the defocused area recessed?
 - <u>VERY</u> uncommon
 - Is the defocused area raised?
 - Common
 - Retinal Detachment





- 2. What is the general tapetal "sheen"?
 - Hyporeflectivity = "addition" (usually acute)
 - Hyperreflectivity = "subtraction" (always chronic)



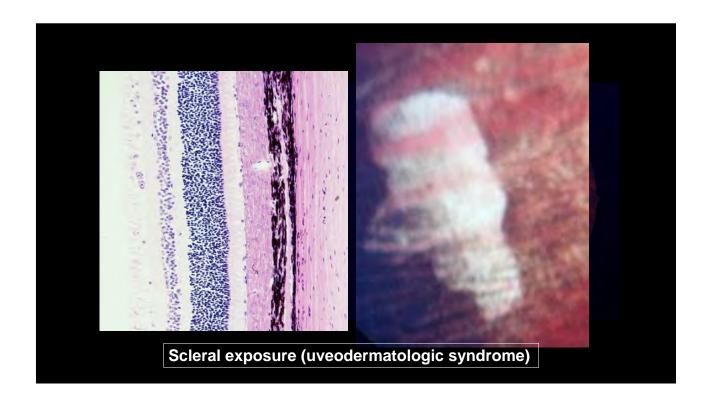


- 3. Are there focal areas of discoloration?
 - What color are they?
 - Are they:
 - Additions ("fuzzy" borders)?
 - Subtractions (sharp borders)?
 - What level are they?

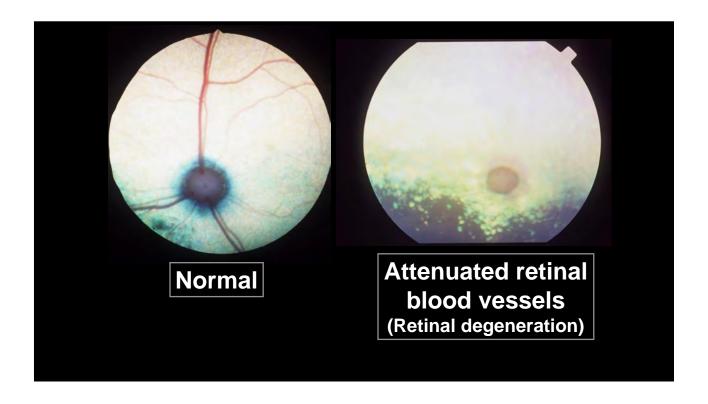


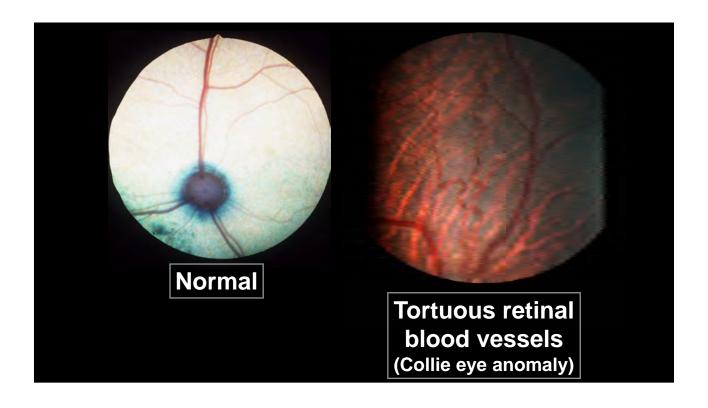






- 4. How is the retinal vasculature?
 - Size (attenuated, engorged)
 - Form (tortuous, decreased branching)
 - Color (pale, lipemic)





- 5. How is the optic nerve head?
 - Size (swollen, atrophied, hypoplastic)
 - Shape (irregular, circular)
 - Color (pale, dark, hyperemic)
 - Focus (raised or cupped)

