





## Evolution of the evaluation and treatment of retinal diseases

- Diagnosis we can "see" things earlier in disease processes
  Advent of OCT has revolutionized the evaluation & management of macular disease
  - Widefield angiography/ fundus photography has allowed us to look at the peripheral retina with much more detail.

    OCTA has allowed us to discover choroidal neovascular membranes before they start leaking
- - ➤ There has been a shift away from surgical management (for vascular diseases) given the effectiveness and safety of anti-VEGF medications
  - Surgical intervention has become "less invasive"- smaller instrumentation that allows for smaller wound construction

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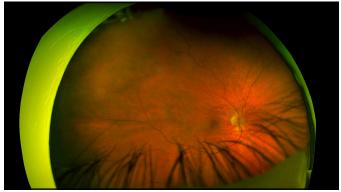


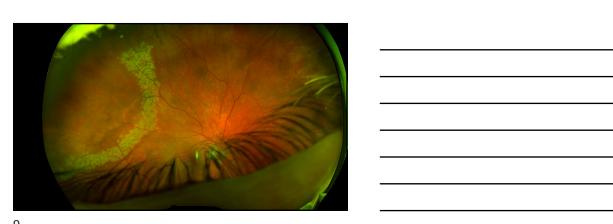
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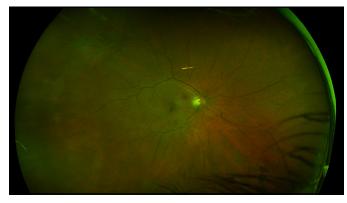


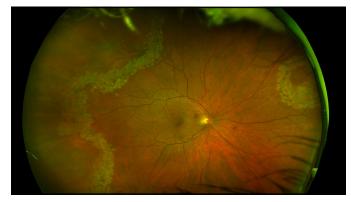


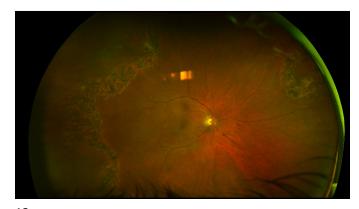


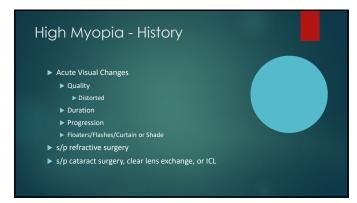


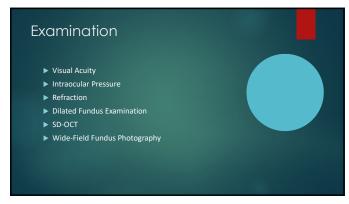


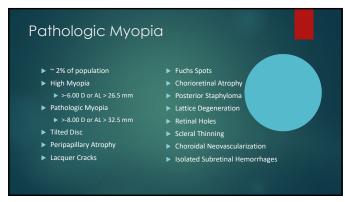


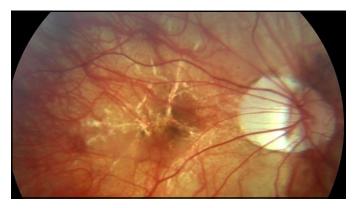


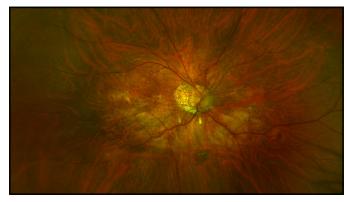


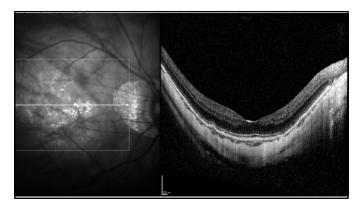


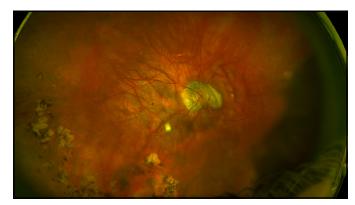


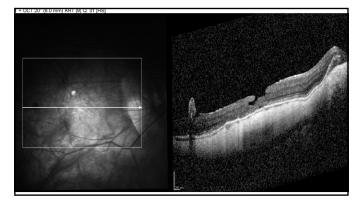


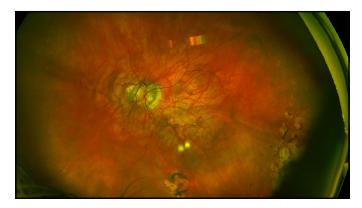


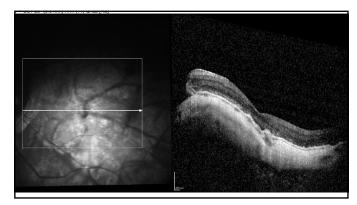


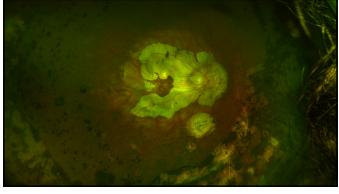


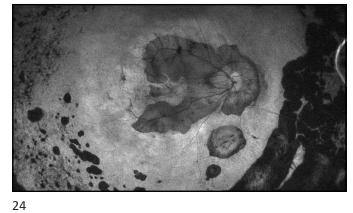


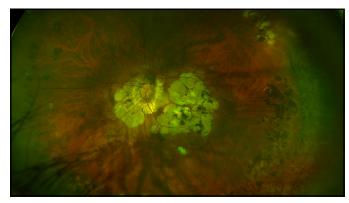


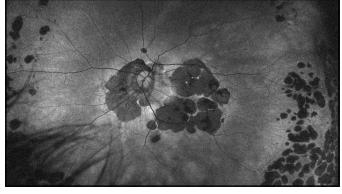


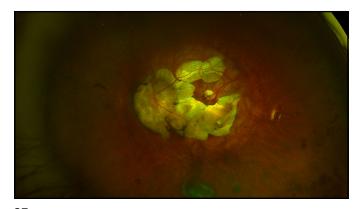


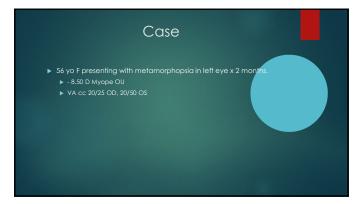


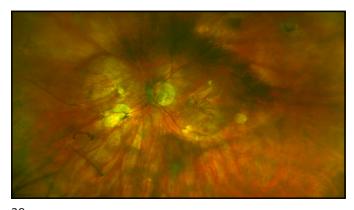


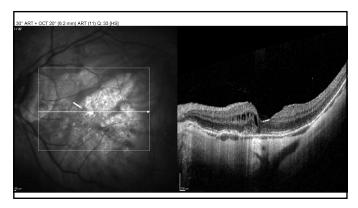


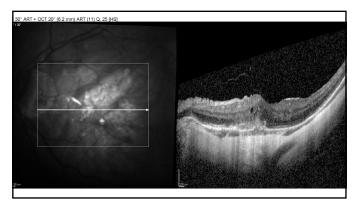


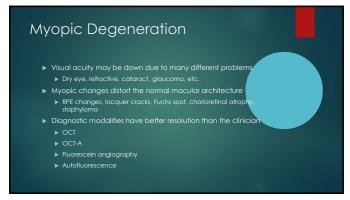


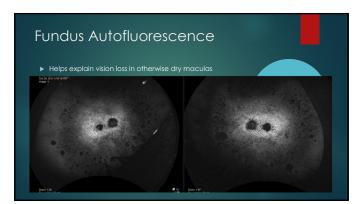


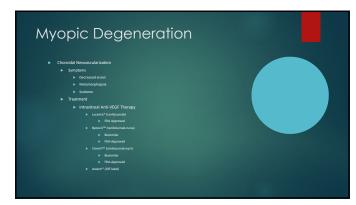


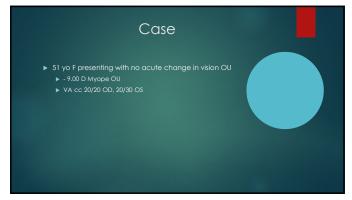




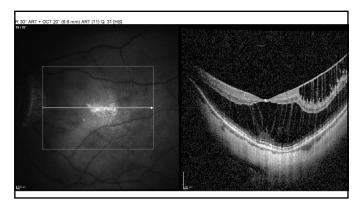


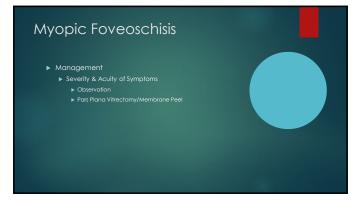


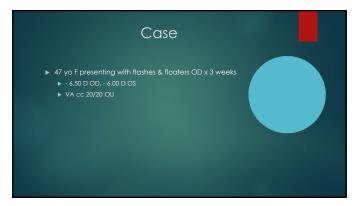


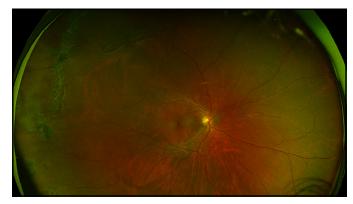


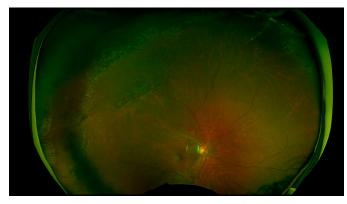


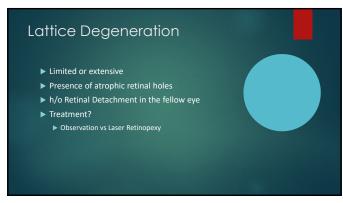




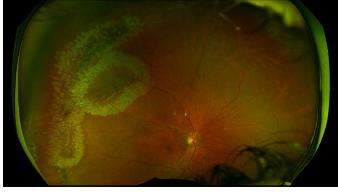


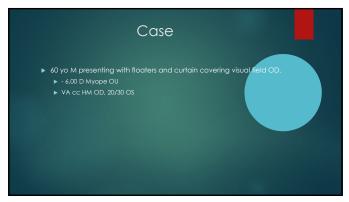


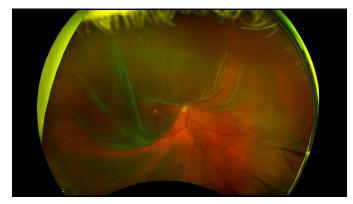








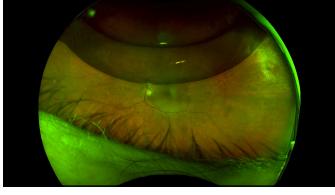














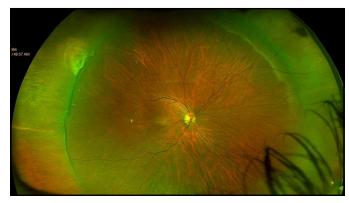












| Pathologic myopia is a retinal disease                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Patients are at high risk for retinal tear, retinal detachment, and choroidal neovascularization                                                                 |
| A severely myopic fundus may camouflage acute pathology on<br>clinical examination, particularly in the macula<br>► History and diagnostic testing are paramount |
| Have a low threshold for referral to a retina specialist                                                                                                         |