

VISCO Session #1 Learning Objectives – Introduction to VISCO + Case-based Approach to Ophthalmology Patients

- 1(a): List the important structures of the eye
- 1(b): Describe the location and function of these structures
- 1(c): Describe the anatomy of the entire visual pathway

- 2(a): Measure and record visual acuity
- 2(b): Note whether acuity was measured at near or far
- 2(c): Note whether acuity was measured with or without correction
- 2(d): Understand refractive error
- 2(e): Remeasure acuity using pinholes when vision abnormal
- 2(f): Examine pupillary responses
- 2(g): Assess visual fields by confrontation testing
- 2(h): Understand the role of intraocular pressure in the physical exam
- 2(i): Instillation of drops
- 2(j): Ocular maneuvers (Lid eversion)

- 3(a): Obtain a focused history and recognize urgency regarding the timing, severity, monocular or binocular nature, pain or redness associated with the vision loss
- 3(b): Obtain a focused past ocular history relevant to acute vision loss
- 3(c): Obtain a focused systemic medical history relevant to acute vision loss
- 3(d): Perform a focused clinical exam as outlined above

- 4: List and describe the pathophysiology of the common and important to not miss causes of a painful or red eye

- 5(a): Take a focused history with regards to the mechanism of injury and associated pain or vision loss
- 5(b): Take a focused past ocular history relevant to eye trauma
- 5(c): Perform a focused exam as outlined above
- 5(d): List and describe the common manifestations of eye trauma
- 5(e): Describe the importance of ruling out globe rupture before manipulating the eye



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