

## **Course Objectives**

At the end of the experience, the student should be able to:

1. Know and perform the seven elements of the basic eye examination
  - a. Visual acuity
  - b. External appearance
  - c. Ocular motility
  - d. Pupils
  - e. Visual fields
  - f. Slit lamp/pen-light examination
  - g. Ophthalmoscopy
2. Recognize the causes of acute and chronic visual loss, know the systemic associations (especially giant cell or temporal arteritis), and initiate an appropriate treatment plan.
3. Know the various causes of a red eye and their treatments, and the consequences of topical anesthetic, antibiotic, antiviral, and corticosteroid therapies.
4. Understand the concept of glaucoma and its ophthalmoscopic appearance, and recognize the difference between open-angle and narrow-angle glaucoma.
5. Detect the presence of a relative afferent papillary defect (RAPD), and understand its significance.
6. Understand the basic visual field defects and their related terminology.
7. Detect the presence of strabismus and understand its significance. The student should be able to define amblyopia.
8. Know the different signs of ocular trauma and be able to distinguish between mild and serious ocular injuries.
9. Understand the significance of papilledema and its varied manifestations.

## **Evaluations**

Assessment of student performance will be based upon:

- a) Case Problem presentation and small group participation;
- b) Faculty evaluations of clinical participation;
- c) The score on a multiple choice quiz based on photographs of various ophthalmic disorders.

The 2-3 hour Friday afternoon evaluation session is intended to provide valuable learning for the students at least as much as to evaluate your existing knowledge.