

“No Wonder You Don’t See Well; How Eye Diseases Affect Vision” (1 Hour)

Course Date: 09/28/24

Domain: Eye Disease

Classification: Intermediate

Speaker: Lynn Eric Lawrence

Course Description:

This lecture will focus on 20 common eye diseases and their impact on vision. It will identify the disease, characteristics of the disease and the effects of the disease on a patient’s vision. The course will also discuss clinical presentations and testing associated with the disease.

Objectives:

- Identify common eye diseases
- Discuss the characteristics of each disease
- Identify characteristics of each disease
- Testing procedures

Outline:

1. - Identify common eye diseases (15 min)

- Blepharitis
- Dry Eye
- Conjunctivitis
- Corneal Ulcers
- Subconjunctival Hemorrhages
- Pinguecula
- Pterygium
- Chalazion
- Hordeolum
- Cataracts
- Glaucoma
- Floaters
- Retinal Detachment
- Age Related Macular Degeneration
- Diabetes
- Strabismus
- Retinoblastoma

2. Discuss the characteristics of each disease (15 min)

- Blepharitis
- Dry Eye
- Conjunctivitis
- Corneal Ulcers
- Subconjunctival Hemorrhages
- Pinguecula
- Pterygium

- Chalazion
- Hordeolum
- Cataracts
- Glaucoma
- Floaters
- Retinal Detachment
- Age Related Macular Degeneration
- Diabetes
- Strabismus
- Retinoblastoma

3. Identify effects of each disease on the eye (10)

- Blepharitis
- Dry Eye
- Conjunctivitis
- Corneal Ulcers
- Subconjunctival Hemorrhages
- Pinguecula
- Pterygium
- Chalazion
- Hordeolum
- Cataracts
- Glaucoma
- Floaters
- Retinal Detachment
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- Diabetes
- Strabismus
- Retinoblastoma

4. Testing procedures (10 min)

- Visual Acuity Testing
- Pupil Testing
- Visual Field Testing
 - Amsler Grid
 - Confrontation Fields
- IOP Testing
- Motility testing
- Cover Testing
- Color Vision Testing
- OCT Testing
 - Macula
 - Optic Disc
- Fundus Photography
- Meibography

- Dry Eye Testing
- Temporal Artery dissection