

## Specialty Pathology Rotation - Objectives

### Ocular Pathology

- A. Be familiar with the paperwork, mode of dictation, and method of tissue processing for specimens received from:
  - 1. Parkland Health and Hospital Systems
  - 2. Aston Clinics
  - 3. Zale-Lipshy University Hospital
  - 4. St. Paul University Hospital
  - 5. Children's Medical Center at Dallas
  - 6. Outside cases from various institutions.
- B. Be familiar with the dissection, manipulation, and dictation of ocular specimens, including enucleations, eviscerations, and conjunctival map biopsies.
- C. Know the normal surface anatomy and histology of the eye, eyelids, and orbital tissues.
- D. Know the histologic features of common benign ocular lesions:
  - 1. Chalazion
  - 2. Pterygium
  - 3. Cysts
  - 4. Common corneal diseases:
    - a. Fuchs corneal dystrophy
    - b. Keratoconus
    - c. Corneal ulcers
- E. Know the histologic features of common ocular neoplasms:
  - 1. Squamous papilloma
  - 2. Squamous cell carcinoma
  - 3. Basal cell carcinoma
  - 4. Malignant melanoma
  - 5. Sebaceous carcinoma
  - 6. Retinoblastoma
- F. Know the histologic features commonly resulting from chronic disease states, including:
  - 1. Glaucoma
  - 2. Diabetes
  - 3. Old trauma
  - 4. Chronic retinal detachment