



**Mississippi Medical Education and Research Consortium
Mississippi Delta Family Medicine Residency Program**

Ophthalmology Rotation – PGY-1

Duration: 2 weeks, PGY-1
Supervisor: Dr. Robert Soares
Location: Delta Regional Medical Center

Overview:

The purpose of this rotation is to improve overall medical knowledge and skills in the diagnosis and management of eye problems commonly encountered in Family Medicine. It is expected that residents will observe the specific resources and expertise Ophthalmologists provide, to improve his/her ability to make accurate diagnostic differentials and seek consultative support when necessary.

Educational Goals:

The resident will gain knowledge of ocular anatomy, physiology and pathophysiology of eye diseases. They will gain skill and efficiency in ophthalmic physical exam and basic procedures. The rotation will allow them to acquire skills to accurately diagnose patients presenting with ocular conditions and develop appropriate treatment plans as well as understand appropriate ophthalmology referral patterns.

Educational Objectives:

A. Patient Care:

1. Accurately take and document an appropriate history to include assessment of eye conditions, injuries, exposures and medications
2. Identify emergent from non-emergent diagnoses
3. Appropriately use tools in the primary care office for assessment of eye conditions, including visual acuity charts, ophthalmoscopes, fluorescein staining, visual field tests and the slit lamp (if available)
4. Describe the use of the slit lamp and the dilated eye exam for diagnosis and screening of eye diseases
5. Formulate appropriate management plans for patients with eye diseases, including the use of topical and systemic medication, patching and referral for further evaluation and treatment by eye specialists

B. Medical Knowledge:

1. Describe normal anatomy, physiology, and development of aging of the eye and ocular function
2. List some effects of drugs and toxins on ocular function and disease and effects of ocular drugs on systemic function
3. Discuss the recommendations for screening in various ages and diseases and the

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importance of regular assessment and maintenance of function

4. Describe the initial diagnosis, management and appropriate referral criteria for common eye problems.
5. Discuss methods, benefits and risks of refractive eye surgery

C. Practice-Based Learning and Improvement:

1. Critically evaluate evidence basis for eye-related diagnosis and treatment such as use of pressure measurements for glaucoma and treatment of diabetic retinopathy
2. Interpret and apply treatment guidelines for eye disease management.
3. Communicate with the ophthalmologist regarding possible need to modify patient treatment plans on an ongoing basis based on patient response to therapy

D. Interpersonal and Communication Skills:

1. Obtain a full vision related history using effective communication skills with patients and their families/care takers
2. Provide appropriate patient education on eye related diagnosis and treatment as part of a management plan based upon the literacy level of patients and their families/caretakers

E. Professionalism:

1. Dressing appropriately based upon standards present for attending physicians in the clinic and/or inpatient setting associated with the ophthalmology rotation
2. Demonstrate sensitivity and responsiveness to patients' perception of illness and injury and include these perceptions and patient preferences in formulation of management plan
3. Contributing to the learning community in the clinic/hospital by attending and actively participating in educational and research presentations associated with the rotation

F. Systems-Based Practice:

1. Describe ways in which the primary care provider and eye specialists can work as a healthcare team in providing effective treatment.
2. Demonstrate the understanding of the ophthalmic consultant's role, including the different responsibilities of ophthalmologist, optometrists, and opticians.
3. Describe various roles of members of the ophthalmologist's office and the care they help provide to the patients
4. Describe common insurance policies regarding coverage for corrective eye prescriptions