

## **OUTPATIENT OPHTHALMOLOGY**

### **INTRODUCTION:**

As primary care physicians our residents will encounter common ophthalmology problems in both the inpatient and outpatient setting. The purpose of this rotation is to provide outpatient experience in dealing with the problems they are likely to encounter and develop an appreciation of the diagnostic and therapeutic modalities employed. It is particularly important that the resident obtain an understanding of which problems are appropriate to treat as a primary care physician and which conditions demand referral.

This elective is mostly taken in the R3 year of residency.

### **EDUCATIONAL GOALS AND OBJECTIVES:**

#### **Patient Care**

The resident will learn the proper management of the problems seen in this outpatient setting.

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Prioritize patient problems
- ✓ Prioritize a day of work
- ✓ Monitor and follow up on patients appropriately
- ✓ Demonstrate caring and respectful behaviors with patients and families
- ✓ Gather essential, accurate information in interviews and physical exams, and review other data
- ✓ Know indications, contraindications, & some risks of some invasive procedures
- ✓ Perform some invasive procedures
- ✓ Provide services aimed at prevention and/or maintenance of health
- ✓ Work with all health care professionals to provide patient –focused care.
- ✓ Understand and weigh alternatives for diagnosis and treatment
- ✓ Spend time appropriate to the complexity of the problem

#### **Medical Knowledge**

The resident should know ophthalmologic terminology and understand the pathophysiology of the conditions listed below:

- Approach to common ocular symptoms: Burning, decreased vision, discharge, double vision, dry eyes, eyelid swelling or twitching, flashing lights, floaters, foreign body sensation, headache, itchy eye, light sensitivity, ocular pain, photophobia, proptosis, ptosis, red eye, tearing.

- Cataracts: Thorough appreciation of pathophysiology, medical and surgical management.
- Glaucoma: Appreciate diagnostic criteria, consequences and management of different types of glaucoma.
- Corneal Abrasions
- Conjunctivitis
- Contact Lens- Related Problems
- Dry Eye Syndrome
- Pterygium
- Subconjunctival Hemorrhage
- Diabetic Retinopathy
- Migraine

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Demonstrate knowledge of basic and clinical sciences.
- ✓ Apply knowledge to therapy
- ✓ Recognize indications, contraindications and risks of commonly used medications and procedures
- ✓ Demonstrate an investigatory and analytic approach to clinical situations

### **Practice-based Learning**

Residents must be able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices. Residents are expected to:

- analyze practice experience and perform practice-based improvement activities using a systematic methodology
- locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems
- obtain and use information about their own population of patients and the larger population from which their patients are drawn
- apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness
- use information technology to manage information, access on-line medical information; and support their own education
- facilitate the learning of students and other health care professionals

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Understand his or her limitations of knowledge
- ✓ Ask for help when needed
- ✓ Acquire knowledge through self motivation
- ✓ Use computerized sources of results and information to enhance patient care.
- ✓ Accept feedback and develops self-improvement plans
- ✓ Locate, appraise and assimilate scientific literature appropriate to specialty

## **Interpersonal and Communication Skills**

Residents must be able to demonstrate interpersonal and communication skills that result in effective information exchange and teaming with patients, their patients families, and professional associates. Residents are expected to:

- create and sustain a therapeutic and ethically sound relationship with patients
- use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills
- work effectively with others as a member or leader of a health care team or other professional group

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Write pertinent and organized notes
- ✓ Document timely and legible medical records
- ✓ Use effective listening, narrative and non-verbal skills to elicit and provide information.

## **Professionalism**

Residents must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population. Residents are expected to:

- demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society that supersedes self-interest; accountability to patients, society and the profession; and a commitment to excellence and on-going professional development
- demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices
- demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Establish trust with patients and staff
- ✓ Treat all patients (does not refuse to treat a patient)
- ✓ Show regard for opinions and skills of colleagues
- ✓ Demonstrate respect, compassion and integrity
- ✓ Respond to the needs of patients and society, which supersedes self interest
- ✓ Delegate responsibility to others
- ✓ Demonstrate sensitivity to patient culture, gender, age, preferences and disabilities
- ✓ Acknowledge errors and works to minimize them

## **Systems-based Practice**

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value. Residents are expected to:

- understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice
- know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources
- practice cost-effective health care and resource allocation that does not compromise quality of care
- advocate for quality patient care and assist patients in dealing with system complexities
- know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

By the end of this rotation, R2 or R3 residents are expected to:

- ✓ Advocate for patients
- ✓ Use systematic approaches to reduce errors
- ✓ Demonstrate ability to adapt to change
- ✓ Provide cost effective care
- ✓ Understand how individual practices affect other health care professionals, organizations and society
- ✓ Demonstrate knowledge of types of medical practice and delivery systems
- ✓ Practice effective allocation of health care resources

## **IMPLEMENTATION:**

- Residents will observation the ophthalmologists in their approach to patients and counseling of patients and their families.
- Practice in developing the skills involved in a careful ophthalmologic examination
- Learn the common drugs used in the practice of Ophthalmology.
- Recognize the conditions for which consultation has been requested and the indications for seeking consultation.
- Observe the interaction between the ophthalmologist as a consultant and primary care physician.

## **EVALUATION:**

Muriel Wu, M.D. will personally evaluate the resident for competence in Patient Care, Medical Knowledge, Practice-based Learning, Communication Skills, Professionalism and Systems-based Practice.