

Ophthalmology Residency Program



Medical Education Department

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The Ophthalmology Residency Program at Metro Health Hospital is a four (4) year residency program. Residents attend lectures, grand rounds presentations, laboratory and radiology conferences.

Managed care strategies with primary care specialties will be stressed during the training period. During the residency period the residents will participate and help organize any educational, research or other activities that improve the department, hospital, or profession.

The Schedule

PGY 1

The Traditional internship is presently being replaced by an emphasis prerequisite year. This is to include rotations in:

- Internal Medicine
- Neurology/Neuroophthalmology
- Surgical Subspecialty (head and neck, oculoplastics, trauma, plastic surgery, dermatology)
- Neuroradiology/Radiology
- Emergency Medicine/Trauma /Plastics
- Intensive Care Unit (Neonatal ICU)
- General Ophthalmology
- Medical Subspecialty (e.g. pediatric ophthalmology, medical retina, endocrinology, diabetology, immunology, allergy, etc)

There is a 1/2 day per week clinical outpatient opportunity to work with ambulatory patients at the resident ophthalmology clinic. Attendance at the Consortium of Residents in Ophthalmology (CORO) is required and is mandatory for the PGY1 1.

PGY 2

- Clinical experience of both surgery and outpatient office.
- Learn to evaluate by history and physical examinations.
- History taking, specific for ophthalmology.
- Proper use of all equipment for the physical examination.

- Weekly basic clinical lectures.
- Differential diagnosis will be stressed to help organize the residents thought processes in a logical manner.
- Appropriate lab and x-ray utilization will be taught.
- The basic science home study course (through the American Academy of Ophthalmology) will be started and completed by the end of the second year.
- Academic and clinical didactic lectures by nationally known experts in the field of Ophthalmology and related areas.
- Subspecialty lectures by the Metro Health Hospital courtesy staff is scheduled during the year in the areas of Pediatrics, Retina, Glaucoma, Refractive Surgery and Cornea Diseases.
- Exposure to the surgical aspects of Ophthalmology will begin the first year assisting in surgery whenever possible and beginning to do parts of the procedures which are deemed appropriate for the resident.
- The use of diagnostic and therapeutic lenses must be mastered at the earliest possible time period to afford the resident exposure to the ophthalmic laser procedures.
- Seek assistance in reviewing all pathological conditions with the Radiology and Pathology departments on a per case basis. Familiarity with X-ray, CT scans and MRI procedures will be required.
- All patient contacts will be reviewed thoroughly with the attending ophthalmologist.

PGY 3

- Complete an approved basic science course, at either Stanford University and Colby College (during the summer) and the University of Texas (during the winter).
- Rotations set up with physicians in Pediatrics, Neuroophthalmology, Vitreoretinal Diseases, Cornea, Plastics and Glaucoma.

- Attending board reviews, journal clubs, lectures, meetings whenever possible.
- CORO is required whenever possible.
- Surgical exposure increases.
- A research paper suitable for publication or a scientific poster is required by the end of the 2nd year.

PGY 4

- Surgical judgment and skills are stressed.
- Presenting potential surgical cases to the attending and justifying their reasons for surgical intervention.
- Manual dexterity and finesse will develop during this period.
- Preoperative and postoperative care is stressed.
- Educating the residents in other specialties will be partially the responsibility of the senior resident.
- Organizing the various externs, interns and residents for the maximum educational experience is the responsibility of the senior resident.
- The senior resident will be required to lecture to the house staff for monthly lectures.
- A second research paper or poster is required by the completion of the third year.
- The resident is encouraged to attend and take the written exam at the AOCCO-HNS certification examination.