Educational Goals & Objectives for Ophthalmology Residents at VA Medical Center

Competencies addressed:

- PC = Patient care
- MK = Medical knowledge
- Pr = Professionalism
- PBLI = Practice-based learning and improvement
- ICS = Interpersonal and communication skills
- SBP = Systems-based practice

PGY2 RESIDENTS

ROTATIONS: VA I and VA II

GOALS

The residents will learn to provide general ophthalmology medical care as well as perform minor surgical procedures in a compassionate and professional manner. The residents will also assist with intraocular surgery in preparation for becoming the primary surgeon.

OBJECTIVES

- Ability to perform a complete eye examination, including manual keratometry, gonioscopy, and fundus examination by slit lamp and indirect ophthalmoscopy. [PC, MK]

- Ability to diagnose and treat most common eye conditions. [PC, MK]

- Ability to accurately perform A-scan axial eye length measurement and IOL Master with limited supervision.   [PC, MK]

- Ability to perform B-scan examination in eyes with opaque media with some supervision. [PC, MK]

- Ability to cogently discuss the differential diagnosis and treatment of most common ophthalmologic disorders. [MK]

- Laboratory training according to required Microsurgical Curriculum.

- Familiar with and able to perform common ocular procedures [PC, MK, Pr, ICS, PBLI]:

  - I & D of chalazion

  - Excision of pterygium

- - Biopsy/excision of lid lesions
  - Epilation
  - Microsurgical curriculum, including suturing (lab)
- Understand the workup and treatment of patients with low vision. [PC, MK, Pr]

- Provide medical care for adult general ophthalmology patients with compassion and professionalism while working as a part of a hospital-based health care team [PC, MK, Pr, PBLI, ICS, SBP]

- Provide medical care for patients presenting to the emergency department with eye problems
  [PC, MK, Pr, PBLI, ICS, SBP]

- Present oral PowerPoint presentations of Grand Rounds patients [PC, MK, PBLI, ICS]

- Demonstrate responsibility and good stewardship with the care of hospital equipment and other resources

- Understand and protect patient privacy and information security

PGY3 RESIDENTS

ROTATIONS: VA MAROON and ORANGE

GOALS

The resident will gain experience with intraocular surgery, oculoplastic procedures, intraocular injections and laser surgery**.**

OBJECTIVES

- Ability to perform retina, capsular and glaucoma laser procedures with supervision [PC, MK, Pr, PBLI, ICS]

- Ability to diagnose and treat most common and unusual ocular conditions [PC, MK]

- Ability to perform accurate A-scan, IOL Master and B-scan with limited supervision [PC]

- Ability to intelligently discuss the differential diagnosis and treatment of most ophthalmic disorders [MK]

- Laboratory training according to required microsurgical curriculum

- Ability to provide appropriate postoperative eye examinations and treatments [PC, MK, ICS]

- Perform consultations on patients with systemic diseases and coordinate care between services and sites [PC, MK, Pr, ICS, SBP]

- Present oral PowerPoint presentations of Grand Rounds patients [PC, MK, PBLI, ICS]

- Ability to perform many ocular procedures [PC, MK, Pr, PBLI, ICS]:

  - Upper and lower blepharoplasty with supervision

  - Brow and lid ptosis with supervision

  - Enucleation with supervision

  - Minor procedures with limited supervision

  - Perform routine phacoemulsification cataract surgery with limited assistance

- Behave professionally and ethically during patient care duties, including interactions with patients, families, hospital personnel, fellow residents, and faculty

- Demonstrate responsibility and good stewardship with the care of hospital equipment and other resources

- Understand and protect patient privacy and information security

PGY4 RESIDENTS

ROTATIONS: VA BLUE and VA RED

GOALS

The resident will be able to perform complex intraocular and oculoplastic surgery with supervision. The resident will be able to perform penetrating keratoplasty and surgical retina procedures with assistance. The resident will be able to diagnose and manage complex medical cases.

OBJECTIVES

- Ability to perform appropriate eye examinations on, diagnose, and treat eye conditions presenting in a comprehensive ophthalmology practice [PC, MK]

- Demonstrate a commitment to ethical principles regarding provision of care [PC, Pr]

- Develop a therapeutic and ethically sound relationship with patients [PC, Pr, ICS]

- Provide information to patients to obtain informed consent [PC, Pr, ICS]

- Coordinate care delivery in a hospital-based practice [PC, Pr, ICS, SBP]

- Ability to perform accurate A-scan, IOL Master, intraocular lens calculations, post-refractive surgery IOL selection, and B-scan studies [PC]

- Ability to intelligently discuss the differential diagnosis and treatment of all ocular disorders [MK]

- Ability to teach and supervise junior residents [Pr, ICS]

- Ability to diagnose and manage complex cases such as corneal ulcer, retinal tears without detachment, endophthalmitis, acute orbital problems (trauma, infection), postoperative complications, ocular trauma [PC, MK]

- Laboratory training according to required Microsurgical Curriculum

- Ability to perform the following procedures with limited assistance [PC, MK, PBLI]:
  - Phaco cataract extraction with IOL
  - Anterior vitrectomy
  - Secondary IOL placement
  - Trabeculectomy, with and without cataract extraction
  - Ptosis repair (dehiscence repair and levator resection)
  - Brow ptosis repair
  - Entropion repair
  - Ectropion repair, including punctal repositioning
  - Upper and lower lid blepharoplasty, with/without fat removal
  - Pterygium removal

- Ability to perform the following procedures with supervision [PC, MK]:
  - Penetrating keratoplasty, with/without cataract extraction, IOL exchange
  - Pars plana lensectomy
  - Scleral buckle
  - Pars plana vitrectomy

- Behave professionally during patient care duties, including interactions with patients, families, hospital personnel, fellow residents, and faculty

- Demonstrate responsibility and good stewardship with the care of hospital equipment and other resources

- Understand and protect patient privacy and information security