



Optometric Residency in Ocular Disease with Emphasis in Cornea and Contact Lenses/Refractive and Ocular Surgery at Fromer Eye Centers (FEC) Program Curriculum

Updated August 2021

Clinical Activities

The resident will provide direct care at least 80% of the time, primarily in our Bronx office location. The resident may be scheduled in one of our other offices in order to complete program requirements. They will be expected to complete at least 1200 patient encounters by completion of the residency year. They will rotate through different ophthalmologic and optometric subspecialties, including:

Specialty	Minimum Number of Encounters
Retina	200
Anterior Segment	200
Glaucoma	200
Oculoplastics	25
Orbital/Neuro-Ophthalmic	Unspecified
Pediatrics	Unspecified
Refractive Surgery	10
Specialty Contact Lens Fitting	25

Under supervision of the residency supervisors and staff physicians, the resident will become proficient in the following advanced procedures:

- a. corneal foreign body removal
- b. 3 and 4 mirror gonioscopic evaluation
- c. 3 mirror retinal evaluation
- d. scleral indentation
- e. punctal plug insertion and removal (collagen and silicone)
- f. infant and pediatric exams
- g. strabismus evaluation

The resident will become proficient in the analysis/interpretation of the following diagnostic tests:

- a. Automated perimetry (Humphrey visual field testing)
- b. Digital fundus photography
- c. Fluorescein angiography
- d. OCT analysis of ONH and macula
- e. HRT analysis of ONH and macula

- f. OCT analysis of anterior segment structures
- g. UBM analysis
- h. A and B scan analysis
- i. Corneal Topography
- j. Corneal Pachymetry
- k. Corneal cell count analyzer
- l. Transcranial Doppler
- m. Electroretinogram and visual evoked potential
- n. Extended Color Testing

Objectives	Minimum Number of Encounters
Intravitreal injections	5
Ultrasound Biomicroscopy (UBM)	10
Ophthalmic Laser Procedures (ie: PRP/focal/grid retinal procedures, YAG caps, LPIs, iridoplasties, ALT/SLT)	21
OCT	100

The resident will become proficient in pre and post-operative care of the following procedures:

Subspecialty	Minimum Number of Encounters
Cataract Surgery, Pre/Post Ops	100
Glaucoma Surgery (i.e. LPI, ALT/SLT, Trabeculoplasty, MIGs), Post Ops	40
Retinal Surgery (i.e. scleral buckling, pneumatic retinopexy, Pars plana vitrectomy), Post Ops	40
Corneal Surgery, (ie: pterygium excision, FEMTO, LRI, PK, DSAEK, Post Ops)	25
Oculoplastics (ie: blepharoplasty), Post Ops	25
Refractive Surgeries, Post Ops	10

Didactic Activities

- I. SUNY College of Optometry's Friday Program
 - 1. The resident must attend the required Core Curriculum
 - a. Workshop on Public Speaking
 - b. Writing Workshop (two sessions)
 - c. Practice Management Workshop

- d. Advanced Clinical Procedures Workshop (Summer)
2. The resident will be required to attend a total minimum of thirty five (35) hours of Grand Rounds and/or workshops in addition to the Core Curriculum.
3. The resident must attend and assist in the Elective Workshop (topic TBD) offered at FEC to the other SUNY affiliated residents.
4. Must attend Resident Major Presentations.

II. FEC activities

1. Must attend at least two of the COPE approved lectures given by the physicians of FEC to the local optometric community.
2. The resident will participate in monthly Journal Club.
3. The resident will participate in weekly case discussions/presentations with FEC residency supervisors.
4. The resident will be "on-call" for two months (rotated monthly amongst the physicians at the practice) with assigned residency supervisor.
5. As a member of the FEC staff, the resident will be expected to attend all FEC staff meetings, training sessions and retreats.

Scholarly Activities

1. Minor Presentation (20 minutes)
2. Major Presentation (50 minutes)
3. Produce a manuscript suitable for publication in a peer reviewed journal where the resident is the primary author.
4. Must attend one professional scholarly meeting (e.g. AAO, AOA).