

Optometric Residency in Ocular Disease at Fromer Eye Centers (FEC) **Program Curriculum**

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:

- a. Retina
- b. Glaucoma
- c. Cornea
- d. Pediatric Ophthalmology
- e. Ocular-plastics
- f. Refractive Surgery
- g. Specialty Contact Lens fitting

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. Ocular Response Analyzer (ORA)
- j. Ocular Blood Flow
- k. Corneal Topography
- l. Corneal Pachymetry
- m. Corneal cell count analyzer

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

- a. Cataract excision with AC/PC IOL
- b. Pterygium excision w/ graft (+/- MMC)
- c. Retinal repair procedures (i.e. scleral buckling, pneumatic retinopexy, Pars plana vitrectomy)
- d. Glaucoma management procedures (i.e. LPI, ALT/SLT, Trabeculectomy)
- e. Corneal transplants (i.e. PK, DSAEK)
- f. Eyelid repair (i.e. blepharoplasty)

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).