

# Cornea, Glaucoma, and Refractive Eye Care Residency

New Category: Ocular Disease

Emphasis: Anterior Segment, Glaucoma

This residency's mission is to educate and train the post graduate optometrist to practice beyond entry level in the comprehensive medical management, surgical perioperative management, and emergency management of ocular disease, anterior segment disease, and glaucoma.

- **Program Site:** Minnesota Eye Consultants, Minneapolis, Minnesota
- **Program Coordinator** Mark R. Buboltz, OD, FAAO and Mark Hansen, MD
- **Residency Director:** Heather McLeod, OD, FAAO
- **Number of Positions:** 2
- **Program Dates:** Starting the first week of July of each year and runs for 54 weeks
- **ORMatch:** 20027



## Program Description

This residency focuses on anterior segment disease and includes cornea, external disease, pre- and postoperative cataract care, refractive surgery, and glaucoma. Working alongside or directly with ophthalmologists and optometrists, the resident is integrated into the medical and surgical care of patients. The resident will be located in the central clinic adjacent to the Phillips Eye Institute in Minneapolis as well as various satellite clinics.



## About Minnesota Eye Consultants

Minnesota Eye Consultants is a private referral-based practice which was founded by renowned corneal specialist, Dr. Richard Lindstrom, MD in 1989. There are 5 locations in the Minneapolis-St. Paul Region. The "home office" for the optometric resident is in the Minneapolis location, which is adjacent to the Phillips Eye Institute, the Midwest's only eye hospital. There are four metro Minnesota Eye Consultants clinics located south, east, north and west of the metro area, in the suburbs of Bloomington, Maplewood, Blaine and Minnetonka. These four offices each have ambulatory surgery

centers and excimer laser operating rooms. The practice consists of a co-management model consisting of fellowship specialty trained ophthalmologists (in Glaucoma, Cornea, and Oculoplastics), medical ophthalmologists, and optometry.

# Minnesota Eye Consultants' Residency in Cornea, Glaucoma, and Refractive Eye Care Mission

The mission of this Residency in Cornea, Glaucoma, and Refractive Eye Care is to educate and train the post graduate optometrist to practice well beyond entry level in the comprehensive medical management, surgical perioperative management and emergency management of corneal problems and refractive errors, and in the ongoing medical management and surgical co-management of cataracts and glaucoma.

## Program Design

The resident's weekly schedule may vary depending on each of the doctor's schedules.

The typical week will include, on average, 4.25 days of clinic time, and 0.75 days of research. Clinical time will be split fairly evenly between "mentored" and "autonomous" clinic. Mentored clinic will include working alongside our ophthalmology and optometry mentors in their clinics to learn from their patients in their respective specialties, i.e. Cornea, Glaucoma, Refractive surgery, Cataract, Oculoplastics, Dry Eye, Specialty Contact lenses. The resident's autonomous clinic will be devoted to his or her own schedule of patients and



will have another mentor in clinic for consultation or back-up as needed. The resident's schedule includes a high volume of post-operative, ocular disease, and urgent care visits.

There will also be enough surgical observation for the resident to see at least one of the specialty procedures for cataract, glaucoma, cornea, refractive, and oculoplastics surgeries performed at the clinic.

There will be after hours on-call time and one clinical project required over the course of the year. The on-call responsibility will occur about 16 weeks per year for each resident (in 1 week intervals).

The resident will:

- Rotate through at least three of the clinic locations.
- Provide advanced clinical training in the examination, diagnosis and management of anterior segment, glaucoma, and refractive disorders. The program emphasizes management of patients with anterior segment pathology including the diagnosis and management of glaucoma and related surgical co-management, exposure to corneal diseases, such as infectious keratitis, keratoconus, dry eye, and corneal trauma. The resident will also be exposed to a plethora of urgent and emergent ocular cases. This program also exposes the resident to a variety of patients undergoing refractive procedures to decrease ametropias, including presbyopia. Management of patients with cataract and complex intraocular lens problems will also be seen.
- Perform mentored clinical care services of patients undergoing surgical intervention with fellowship trained ophthalmologists performing corneal, cataract, refractive, glaucoma, and oculoplastics procedures. This will involve pre-operative assessment and post-operative management for LASIK and Photorefractive Keratectomy (PRK), Intacs, Corneal Collagen Crosslinking, Corneal transplants (i.e. PK, DALK, DMEK/DSEK), Phakic IOLs, Multifocal and accommodative IOLs, Refractive Lensectomy, Minimally-invasive glaucoma surgeries (MIGS), Trabeculectomies, Tube shunts, micropulse cytophotocoagulation, blepharoplasties, dacryocystorhinostomy in addition to many others.

## Educational Conferences

- The resident will participate and present in the quarterly 'journal club' meetings. We are involved in both a Minnesota Eye Consultants sponsored Journal Club as well as a Twin Cities OD Resident Journal Club with other optometry residencies in the area.
- The resident will participate in at least one ICO residents' Grand Rounds conferences held on the ICO campus in Chicago.
- The resident will attend at least one professional meeting during the year.
- The resident will present at least one poster or paper at a conference

## Salary

\$50,400 per year.

## Benefits

There is a continuing education allowance of \$3,500

A benefits package including liability, health, life, and dental is available.

Participation in the 401K plan.

Twenty-three paid days off including vacation, sick days, education and interview days are included.

## Criteria for Completion

1. Attendance at all clinical assignments
2. Two presentations at continuing education seminars where possible.
3. Acceptable level of performance in all areas of the program

## Completion of Acknowledgment

A framed certificate is presented on completion of the program from Minnesota Eye Consultants.

## For more information

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