

Cornea and Contact Lens Residency.

The mission, goals, and objectives of the program are as follows:

The Cornea and Contact Lens residency, sponsored by the State University of New York State College of Optometry, provides qualified optometrists with advanced clinical education in contact lens patient care. The program will provide four main components; clinical patient care component, didactic component that provides advanced knowledge in contact lens care; a teaching component that allows for the acquisition of clinical and classroom educator skills; and research / scholarly activity portion. The resident is scheduled for direct patient care in the areas of anterior segment and specialty contact lens care.

Upon completion of the program the resident will be qualified to provide high level patient care in the areas of contact lenses, corneal disease management, and pre / post corneal surgery. It is expected that the graduating resident should be clinically prepared to engage in collaborative contact lens research, conduct related scholarly activities, and function as an optometric educator in this field.

GOAL 1: To attract and select qualified candidates.

Objective 1. The program will be announced in the College's advertisement of all its residency positions, in the AOA Foresight at least one time per year, and to the presiding SUNY fourth year optometry class.

Objective 2. The program will be included in the College's written material made available at the luncheon for residency networking at the annual American Academy of Optometry meeting, American Optometric Association meeting, and other professional meetings.

Objective 3. The Cornea & Contact Lens Residency Program will be listed and described on the Residency Page of the College's Web Site.

Objective 4. The Residency Director and Supervisor are committed to identifying qualified optometric candidates and to the completion of a fair, consistent and professional manner of interviewing selected candidates.

GOAL 2: To provide advanced training in the design and application of specialty contact lenses.

Objective 1. The resident will be confident in their ability to successfully manage patients in need of the following specialty Contact Lens correction: Soft Spherical and Astigmatic lenses, Gas Permeable Spherical and Astigmatic correction, Adult and Pediatric Aphakia, Keratoconic Gas Permeable and Piggyback correction, Post corneal surgical correction and Ocular Prosthetics. The resident will examine, manage and provide patient education to at least the minimum numbers of each of the following types of patients:

<u>Type of Patient</u>	<u>Minimum number</u>
Soft spherical Lenses	50
Soft astigmatic lenses	15
RGP Spherical lenses	100
RGP Astigmatic lenses	20
Aphakic Adult lenses	10
Aphakic Pediatric lenses	10
Keratoconic RGP Lenses	125
Keratoconic Piggyback fit	20
Post Corneal Surgery Fits	20
<u>Ocular Prosthetics</u>	<u>5</u>
Total Minimum	375

Objective 2. The resident will attend and demonstrate proficiency in the procedures covered in the Advanced Clinical Laboratory for SUNY Residents given in the Summer Quarter. This laboratory, conducted in July and August, trains residents in the use of advanced clinical testing procedures.

Objective 3. The resident will receive specialized training in the design and fitting of artificial eyes and become comfortable evaluating, fitting, and adjusting ocular prosthetics.

GOAL 3: To provide the resident with advanced didactic education in contact lenses.

Objective 1. The resident will attend the annual Gas Permeable Lens Institute (*GPLI*) Cornea and Contact Lens Resident Symposium weekend seminar held each August. The resident will attend lectures at the Cornea & Contact Lens Section of the American Academy of Optometry annual meeting.

Objective 2. The resident shall attend at least one all day regional or national scholarly education program devoted to specialty contact lens care.

Objective 3. The resident will attend one lecture session concerning post refractive surgical care and observe at least 1 PRK refractive surgery, 1 Lasik refractive surgery, and 1 corneal transplant surgery. The resident will demonstrate competence in the follow up care needed for patients who have undergone corneal refractive or transplant surgery.

Objective 4. The resident will attend the required 4 hours of Grand Rounds and /or Workshops in the Friday Program as specified in the College's Manual of Procedures for Residency Programs.

GOAL 4: To provide the resident with experience in didactic and clinical teaching.

Objective 1. The resident will attend College sponsored day long class on effective public speaking presentations.

Objective 2. The resident will provide minor and major presentation in the SUNY Friday Program for residents. The minor presentations will be formally evaluated.

Objective 3. Under the mentorship of the program supervisor and other selected faculty, the resident will provide clinical and/or laboratory instruction to optometric interns rotating through the Anterior Segment / Contact Lens Service for at least 16 sessions during the Fall and Spring academic quarters.

GOAL 5: To provide the resident with research/scholarly activity opportunities.

Objective 1. By August 1, the resident, with approval from the resident supervisor, will identify one or more clinical cases of interest to the resident. This subject matter or patient experience will be submitted to the American Academy of Optometry, with the goal of presenting the results as a poster or paper during the annual meeting.

Objective 2. The resident will, by May 1st, complete publishable quality paper in accordance with the policy contained in the College's Manual for Procedures for Residency Programs.

GOAL 6: The resident will provide direct patient care for patients in a cornea practice all four quarters of the year.

Objective 1. The resident will provide supervised direct patient care and therapeutic management in cornea practice all four quarters of the year. Under the supervision of an attending eye care provider, the resident will manage a variety of genetic, infectious, and post surgical corneal anomalies.

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GOAL 7: Contact Lens Residents should be comfortable pursuing careers in private practice, academia, and the ophthalmic industry.

Objective 1. Career paths of past residents will be monitored in an effort to determine how this year of specialized training has affected their professional success.