Advanced Practice Selective in Ophthalmology
APSM 417-01

Faculty:
Dr. Robert M. Saltzmann, MD

Prerequisites:
Completion of Third Year

Offered:
Periods 5-7, 9, 11-13

Min. Enrollment:
Max. Enrollment: 2

Duration: One Elective Period

Meeting Times: TBA

Credit Hours: 6

Meeting Place:
Charlotte Eye Ear Nose & Throat Associates, PA, 6035 Fairview Rd, Charlotte, NC  28210

Clinical Goals:
(what student will be able to do as a result of this experience)
1. Improve direct ophthalmoscopy and slit lamp examination skills.
2. Increase familiarity with the lexicon of abbreviations in ophthalmology.
3. Discuss the pathophysiology, diagnosis, work-up and general management of common ocular manifestations of systemic disease, including but not limited to: herpetic keratitis, diabetic retinopathy, hypertensive retinopathy, arteritic and non-arteritic anterior ischemic optic neuropathy (AION), retinal venous and arterial occlusion, anterior uveitis, optic neuritis, cranial neuropathies, thyroid orbitopathy, papilledema, and pseudotumor crebri/idiopathic intracranial hypertension.
4. Identify and classify diabetic retinopathy into mild, moderate, and severe non-proliferative vs. proliferative by fundusscopic findings.
5. Understand the classification scheme for diabetic macular edema (clinically vs. not clinically significant) as well as the indications for laser treatment for macular edema and proliferative retinopathy.
6. Develop a general familiarity with diagnosis and management of common ocular and peri-ocular diseases including preseptal and orbital cellulitis, conjunctivitis, corneal abrasion, corneal ulcer, dry eye, cataract, glaucoma, and age-related macular degeneration.
7. Basic understanding of the goals and techniques used in modern cataract and glaucoma surgery.

Learning Objectives:
Structure of rotation
30% time in formal lectures
70% in OR (patient care/clinical learning)

Learning Activities: (What the student will do e.g., conferences, rounds, clinic, expected hours, on-call requirements/opportunities)
Student will shadow clinician seeing 20-40 patients/day in the office between the hours of 8 AM and 4:30 PM. Ophthalmology encounters and clinics may be more fast paced and high volume than the student is accustomed to in other specialties. Every opportunity will be taken to allow the student to view pertinent ocular findings as they are identified. Time will be taken between patients and/or after clinic to further discuss interesting findings and pathology encountered in the day. During those discussions, the student’s understanding of the learning objectives above will be assessed.

The student may be given the opportunity to observe ocular surgery and/or accompany the physician on call for emergencies (typically eye trauma). These activities are not considered a mandatory part of the elective, but particularly enthusiastic students will be permitted to participate where appropriate.

*Note: as ophthalmology charting is highly specialized, involving a detailed understanding of abbreviations that the student is likely to be unfamiliar with and requiring specific EMR training, the student will NOT be expected to document in the medical record.

Evaluation
The student will be evaluated based upon their demonstrated mastery of the above learning objectives, enthusiasm and level of inquisitiveness during office encounters, and daily attendance. A short presentation regarding a diagnostic or management challenge and/or interesting finding is encouraged and will be factored into the student’s evaluation. However, this activity is not required.

Notes:
Contact: Robert Saltzmann, email rsaltzmann@ceenta.com, Donna Nicholson dnicolson@ceenta.com
Phone (704) 295-3700