OPHTHALMOLOGY CURRICULUM
INTERNAL MEDICINE RESIDENTS

PGY 1, 2, 3: OUTPATIENT

Last revised by Mike Stillman, MD on January 14, 2014

Goals for the Rotation
1. Improve ability to perform an ophthalmologic examination.
2. Recognize ophthalmologic emergencies or urgencies, and the basic therapies that should be initiated prior to referral.
3. Recognize when to refer to an ophthalmologist for ongoing care.

Learning Objectives for the Rotation

- **Patient Care:** accomplished via clinic, conferences, and Grand Rounds; evaluated by attending global evaluation
  - All residents will demonstrate
    - Ability to perform an ophthalmology-targeted history and physical examination.
    - Documentation of visual examination with accepted terminology.
      - PGY-2 and -3 residents will be precise, logical, and efficient in their data collection

- **Medical Knowledge:** accomplished via clinic, conferences, Grand Rounds; evaluated by attending global evaluation
  - All residents will
    - Acquire knowledge of the epidemiology, etiology, pathophysiology, risk factors, clinical manifestations, exam and diagnostic evaluation, and ambulatory management of
      - Diabetic retinopathy
      - Glaucoma
      - Red eye
      - Macular degeneration
      - Conjunctivitis
      - Acute and chronic visual loss

    - PGY-1 residents will
      - Identify the patient problem
      - Formulate a prioritized differential diagnosis
      - Formulate an appropriate initial diagnostic and therapeutic plan
      - Read about common ophthalmology problems, especially those noted above, in a reference text

    - PGY-2 residents will demonstrate all of the above, and
      - Progression in knowledge and analytical thinking
      - Anticipate and minimize adverse consequences of therapy

    - PGY-3 residents will demonstrate all of the above, and show initiative to stay current with new medical knowledge.

- **Practice-Based Learning and Improvement:** accomplished via clinic, conferences, and Grand Rounds; evaluated by attending global evaluation
  - All residents will
    - Utilize available resources to make timely and appropriate diagnostic and management decisions
Emphasize the use of evidence-based medicine
Seek formative feedback, and use it to improve performance
PGY-1 residents should
  - Demonstrate self-motivation to acquire knowledge
PGY-2 residents will, in addition to above:
  - Demonstrate impact of study design on validity or applicability to individual patient situations
PGY-3 residents will accomplish all the above, and
  - Model independent learning, and identify and remedy knowledge deficits.

- **Interpersonal and Communication Skills**: accomplished via clinic, conferences, and Grand Rounds; evaluated by attending global evaluation
  - All residents will
    - Interact with other physicians, patients, and nursing and clinic staff in a professional and respective manner
    - Diligently keep legible, complete and timely medical records
    - Identify the questions and wishes of the consulting physician
    - PGY-2 and PGY-3 residents will also
      - Routinely respond to the questions raised by the consulting physician
      - Facilitate education of other health care professionals

- **Professionalism**: accomplished in all clinical and professional interactions; evaluated by attending global evaluation
  - All residents will
    - Demonstrate respect and compassion in interactions with colleagues, patients and their families, including sensitivity and responsiveness to their race, gender, age, and other defining characteristics
    - Uphold patient confidentiality and informed consent
    - Recognize and admit mistakes and notify the attending, and (when appropriate, with guidance from the attending) the patient when mistakes are found.

- **Systems Based Practice**: accomplished via clinic, conferences, and Grand Rounds; evaluated by attending global evaluation.
  - All residents will
    - Become familiar with the practice of ophthalmology in a variety of outpatient settings
    - Learn to work with health team members to develop new strategies to improve systematic processes of care when deficiencies are found.
    - PGY-2 residents will also
      - Effectively coordinate care with other health care professional.
      - Guide patients through the complex health care system as needed.
    - PGY-3 residents will also
      - Demonstrate knowledge of methods to control health care costs while preserving high quality care.
**Required Reading:**
- MKSAP-General Medicine Section on eye diseases.

**Suggested Reading:**
- Basic Ophthalmology, CA Bradford (editor), American Academy of Ophthalmology

**Schedule:**

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<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Ophthalmology conference</td>
<td>Grand Rounds at 310 E Broadway (7:45am)</td>
<td>Ophthalmology conference</td>
<td>Ophthalmology conference</td>
<td>Lecture series (until noon)</td>
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<tr>
<td>9-12 am</td>
<td>Clinic</td>
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<td>Lectures</td>
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<td>12-1 pm</td>
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<tr>
<td>1-5 pm</td>
<td>Clinic</td>
<td>Clinic</td>
<td>IM Didactics</td>
<td>Clinic</td>
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Clinics are held at Lion’s Eye Center and the VAMC ophthalmology clinic.

- Through literature searches done to ensure appropriate use of diagnostic and therapeutic modalities
- Through required and suggested reading above.

**Expectations:**
- **Punctuality and attendance** for all patient care activities and lectures noted above, and for all internal medicine house staff regularly scheduled conferences.
  If a personal or family emergency arises requiring tardiness or absence, call UL Chief Medical Resident AND Ophthalmology Chief Medical Resident ASAP to arrange any necessary coverage, including continuity clinic.

**Evaluation:**
- Residents and attendings evaluate each other via the [www.new-innov.com](http://www.new-innov.com) evaluation form. Supervising attendings are expected to meet mid-rotation with rotating residents to discuss their performance to date and to give useful suggestions for improvement.

**CONTACT:** Erin Moody (852-0710, ehmood01@louisville.edu) with questions/concerns about rotation.