## Edward Via College of Osteopathic Medicine

4<sup>th</sup> Year Clinical Rotation: Ophthalmology MED 8300: Surgical Selective Clinical Rotation I MED 8301: Surgical Selective Clinical Rotation I MED 8310: Surgical Selective Clinical Rotation II MED 8311: Surgical Selective Clinical Rotation II

## COURSE SYLLABUS

Chair

Contact Information

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MED 8300: Surgical Selective Clinical Rotation I: Ophthalmology MED 8301: Surgical Selective Clinical Rotation I: Ophthalmology MED 8310: Surgical Selective Clinical Rotation II: Ophthalmology MED 8311: Surgical Selective Clinical Rotation II: Ophthalmology

- f. Diagnose and treat minor eye trauma, including:
  - i. Foreign body
  - ii. Corneal abrasion
- g. Recognize serious conditions of the eye that require emergent ophthalmologic referral, such as:
  - i. Uveitis
  - ii. Retinal hemorrhage
  - iii. Retinal detachment
  - iv. Acute glaucoma
- h. Recognize the diagnostic issues and treatment of glaucoma
- i. Recognize ophthalmologic signs and symptoms of systemic diseases, including
  - i. Diabetes
  - ii. Thyroid disorders
  - iii. Hypertension
  - iv. Temporal arteritis
  - v. Inflammatory bowel disease
- j. Recognize indications for a variety of elective surgical procedures, including:
  - i. Cataract removal
  - ii. Lens implants
  - iii. Radial keratotomy
- k. Demonstrate proficiency in performing the following techniques and procedures:
  - i. Fundoscopic exam
  - ii. Evaluation of extraocular movement and visual fields
  - iii. Recognizing ophthalmologic emergencies
  - iv. Removing foreign bodies
  - v. Managing corneal abrasion
  - vi. Managing eyelid abnormalities
  - vii. Recognizing ophthalmologic signs and symptoms of systemic disease

III. Rotation Design

The majority of the Ophthalmology rotation occurs in clinic and surgical center.

IV. Credits

4 week course = 4 credit hours (MED 8300 or MED 8310) 2 week course=2 credit hours (MED 8301 or MED 8311)

V. Suggested Textbook and References

Grading policies, academic progress, and graduation requirements may be found in the College Catalog and Student Handbook at: <u>http://www.vcom.vt.edu/catalog/</u>.

## VII. Clinical Performance Objectives

The end-of-rotation evaluation for this rotation will be completed by your preceptor and is based on clinical core competencies. These core competencies reflect student performance in 6 key areas: communication, problem solving, clinical skills, medical knowledge, osteopathic medicine and professional and ethical considerations. Your end-of-rotation evaluation from your preceptor will be based directly on your performance in these 6 core competencies as described below.

5. Correlate symptoms & signs with most common diseases