Y34 Ophthalmology
Course ID: MED 797AN/997AN
Discipline: Surgery
Prerequisites: MED 810 General Surgery Clerkship
Available Sites: Saginaw
Duration: 2 or 4 weeks

Description
Medical students will gain knowledge and skills associated with the comprehensive eye exam, including slit lamp, fundoscopy and intraocular pressure measurement. In addition, through participation in the office and operative care of patients, students will be exposed to common ocular pathologic conditions.

Key Objectives
1. Demonstrate an understanding of normal ocular anatomy.
2. Discuss the differential of abnormal fundoscopic findings.
3. Demonstrate knowledge of the dosages, indications and contraindications of topical and systemic ophthalmologic medications.
4. Discuss the differential diagnosis of acute loss of vision.
5. Discuss the differential diagnosis and demonstrate correct evaluation of patients presenting with a painful eye.
6. Discuss the differential diagnosis and demonstrate correct evaluation of patients presenting with a red eye.
7. Discuss the presenting signs, symptoms and management of acute angle closure glaucoma.
8. Discuss the ocular manifestations of systemic disease.
   1. Demonstrate the ability to perform an ocular exam.
   2. Demonstrate the technique of slit lamp examination.
   3. Demonstrate the ability to measure intraocular pressures.
   4. Describe and identify the various patterns seen on fluorescein staining of the eye.
   5. Demonstrate the ability to evaluate and manage chemical injuries of the eye.
   6. Demonstrate the ability to evaluate and manage blunt and penetrating trauma to the eye and surrounding tissues.
   7. Demonstrate the ability to evaluate and manage ocular foreign bodies.
   8. Discuss the indications for routine and emergent ophthalmologic consultation.
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Assessment Method
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information
Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.