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Host Department	Ophthalmology
Location	The Eye Center at UMass Memorial Hahnemann Campus 281 Lincoln Street, Worcester, MA 01605
Day One Instructions	1. <i>Prior to reporting-</i> COMPLETE REQUIRED ONLINE MODULE I - "Integrative Clinical Anatomy of the Eye" 2. On Day One - 8 am - Report to The Eye Center at UMass Memorial Hahnemann Campus (3rd Floor)(Asdourian Conference Room H3-3415) 281 Lincoln Street, Worc

FCE DESCRIPTION

Students will complete required online Module 1 Integrative Clinical Anatomy of the Eye prior to attending the first day. First day Ophthalmology Clinic Orientation, 50-minute session will reinforce aspects of clinical ophthalmology and ophthalmic research to the third-year medical students. Attendance is required unless Dr. Schaal is notified ahead of time. Students will attend all core sessions which are designed as Problem-Based Learning Modules. Students will prepare presentations, which will include either a clinical presentation of a case, or a research hypothesis. There will be a Post-Test at the end of the rotation.

FCE LEARNING OBJECTIVES

1. Take a focused history with regard to ocular complaints
2. Perform a basic eye examination including
 - a. Measure the Visual Acuity using patient appropriate techniques
 - b. Evaluate the Pupils & Extra-Ocular Motility
 - c. Use a Slit Lamp Biomicroscope
 - d. Measure the Intraocular Pressure
 - e. Perform Direct Ophthalmoscopy
3. Learn diagnostic tests frequently utilized in clinical ophthalmology
4. Practice differential diagnosis skills to demonstrate basic understanding of the anatomy and physiology of the eye and visual system and common pathologies
 - a. Reduced Vision/Visual Loss: Refractive error; Amblyopia; Cataracts; Glaucoma: acute angle closure, chronic open angle; Optic neuropathies: papilledema, giant cell/temporal arteritis, optic neuritis/multiple sclerosis; Retinal diseases: diabetic retinopathy, hypertensive retinopathy, age-related macular degeneration, retinal detachment
 - b. Pupil abnormalities: Afferent Pupillary Defect (APD); Efferent Pupillary Defects: Horner syndrome, Argyll-Robertson pupil
 - c. Double Vision and Eye Movement abnormalities: Monocular vs. binocular diplopia; Misalignment: sensory deprivation, Grave's disease; Cranial neuropathies: Cranial nerve III, IV, VI, VII palsies
 - d. Differential diagnosis of the red eye: Conjunctivitis; Herpetic eye disease; Inflammatory conditions: scleritis, uveitis; Endophthalmitis
 - e. Eyelid abnormalities: Blepharitis; Lesions: chalazion, basal cell, squamous cell, sebaceous carcinoma; Ptosis iv. Preseptal cellulitis
 - f. Pediatric ophthalmology: Amblyopia; Congenital nasolacrimal duct obstruction; Retinopathy of Prematurity (ROP); Retinoblastoma; Shaken baby syndrome
 - g. Ocular emergencies: Chemical injury; Corneal abrasion; Ruptured globe; Orbital cellulitis; Orbital fractures; Eyelid lacerations

FCE OP 364 | OPHTHALMOLOGY EXPERIENCE I
CLINICAL | OPHTHALMOLOGY

UMMS Competencies Advocate | Communicator | Person | Problem Solver | Professional | Scientist
Evaluation Type Attendance | Effort | Participation
Evaluation Clinical Skills | Case Presentation | Oral presentation

4900 Fall 2018	4901 Spring 2019
0 Block 1A FE1 June 4-8, 2018	0 Block 3A FE7 February 4-8, 2019
2 Block 1B FE2 July 9-13, 2018	2 Block 3B FE8 March 11-15, 2019
2 Block 1C FE3 July 16-20, 2018	
2 Block 2A FE4 September 24-28, 2018	0 FE-Spring Break March 18-22, 2019
0 Block 2B FE5 October 1-5, 2018	
2 Block 2C FE6 November 5-9, 2018	2 Block 3C FE9 March 25-29, 2019

updated 12.31.2018 | *cjb*