

**ISTANBUL OKAN UNIVERSITY**

**FACULTY OF MEDICINE**

**MED535**

**OPHTALMOLOGY**

**COURSE PROGRAM**

**LECTURERS**

Prof. Dr. Emrullah Taşındı

Prof. Dr. Bülent Buttanrı

Assoc. Prof. Dr. Hasan Basri Arifoğlu

Assoc. Prof. Dr. Başak Bostancı Ceran

Assist. Prof. Dr. Serdar Özateş

### MED535 Ophthalmology (4 credits)

Aim of the Course

The purpose of this course is to teach medical students sufficient ophthalmology to enable recognition of common eye complaints and their etiology as well as recognition of less common but life or sight threatening emergencies presenting as eye findings. This course provides knowledge about various eye diseases, systemic diseases and their relationships with eye, basic medical and surgical treatments and ocular emergencies. *Prerequisites: MED401,MED402, MED403, MED404, MED405, MED411, MED412, MED413 and MED414.*

Learning Objectives

At the end of this course the student will be able to:

* Demonstrate the ability to initially assess and manage common ophthalmic problems
* Demonstrate the ability to rapidly recognize and initiate management of ocular emergencies and trauma.
* Describe a systematic, prioritized approach diagnosing common ophthalmic presentations.
* Distinguish those ophthalmic conditions requiring immediate referral to an ophthalmologist.
* Take a focused history and perform a physical examination for patients presenting with common ocular symptoms.

Course Content

* Eye anatomy
* Cataract treatment
* Eye examination techniques
* Diseases of the conjunctiva
* Glaucoma
* Retina detachment
* Strabismus: Diagnosis and treatment
* Dry eyes and ocular surface diseases
* Systemic diseases and eye
* Diseases of the cornea
* Refractive surgery
* Eyelid and lacrimal system diseases
* Ophthalmic emergencies
* Uveitis: Diagnosis and treatment
* Medical treatment of retinal disorders
* Light reflex

**COURSE INFORMATION**

Theoretical : 22 hours

Practical : 33 hours

Duration : 12 days

Location : Okan University Hospital

**LEARNING METHODS**

Theroretical / Practical / Seminars/ / Case discussion / Problem based learning

Clinic visits / Patient assessment / Case investigations

Outpatient unit / Clinical observation

**ASSESSMENT**

* Clinical performance assessment
* Exam
* Verbal exam