

Ophthalmology

Course Title:	Ophthalmology
Course Designation:	MDOP 507
Computer Number:	0415-507
Course Duration:	3 weeks clinical clerkship
Course Units:	3 credit hours
Prerequisites:	Surgery - I

Objectives Course Content Educational Strategies Evaluation

Recommended Textbooks

Objectives:

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

- Correctly perform a number of elementary procedures of ocular examination.
- Diagnose common diseases affecting the eye.
- Recognize the pathology of the visual system commonly occurring in other diseases of the body.
- Treat minor emergencies , recognize major emergencies and refer them to a specialist

Course Content:

Major lecture topics

- Ocular anatomy and physiology
- Cornea and Sclera
- Adnexa
- Uvea
- Lens
- Glaucoma
- Retina
- Optics, Refraction and Vision
- Neurophthalmology
- Orbit
- Strabismus
- Ocular emergency & Differential diagnosis of red eye

Clinical Skills

- Ophthalmic short forms
- Visual acuity measurement
- Pupil examination
- Visual fields
- External ocular examination
- Anterior segment examination
- Lid eversion and removal of corneal foreign bodies
- Application of an effective eye patch
- Measurement of intraocular pressure
- Fundoscopy

- Pediatric ophthalmology
- Management skills

Educational Strategies:

Fifteen working days of affiliation in the Ophthalmology Department.

The working will be distributed as follows:

- OPD
- Wards
- Lectures
- Tutorials

Time will be made available for self directed learning and study.

Evaluation:

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| 1. Continuous assessment during clinical rounds: | 20% |
| 2. Clinical examination at the end of clinical rounds: | 40% |
| 3. MCQ examination at the semester end: | 40% |

Recommended Textbooks:

- Ophthalmology: a short text book by F. Hollwich, Thieme Verlag
- Illustrated Lecture notes