



Mansoura University
Faculty of Medicine
Ophthalmology Dept

LOG BOOK

Ophthalmology Department

(2014-2015)



Mansoura University
Faculty of Medicine
Ophthalmology Department



Curriculum Content & Logbook

Of

Ophthalmology

For

Undergraduate

Student's name: -----

Mobile: -----

E-mail: -----

Serial number: -----

Classroom teaching group: -----



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Preface

Ophthalmology is a medical specialty frequently needed when practicing medicine. The overall objective of the courses is to provide you with knowledge of this specialty that you will need to fill a subordinate position as a physician in general practice or at a hospital.

You will need to master a number of fundamental examination methods essential for the diagnosis of diseases within specialty.

The assessment schedule is a tool which you should use in cooperation with your teachers to ensure, that you:

- 1- Have been present at teaching rooms
- 2- Have performed the required skills under supervision
- 3- Independently master these skills

Consequently, you must demonstrate the skills to your teacher to receive signature and to confirm that you perform the skills at the specified level.

The course and training take place at ophthalmic center and it is necessary that you attend.

We wish you a good and productive semester and hope you will participate actively in the subsequent course evaluation.

Staff members of ophthalmology department



Intended Learning Outcomes

Knowledge:

- 1- Describe causes and pathogenesis of common ocular diseases.
- 2- Describe the clinical symptoms and signs of common ocular diseases.
- 3- Describe the clinical symptoms and signs of ocular manifestations associated with systemic diseases.
- 4- Determine the appropriate diagnostic tools to aid the diagnosis of common ophthalmic problems.
- 5- Describe appropriate management for common ocular diseases.
- 6- Determine therapeutic lines for basic ophthalmic health care.
- 7- Determine the most common ophthalmic emergencies, priority and their appropriate management.

Clinical Skills:

By the end of the course, students should be able to:

- 1- Take proper history from the patient.
- 2- Perform a proper clinical assessment of ophthalmic problems.
- 3- Present patient data in an organized and informative manner.
- 4- Perform adequate basic ophthalmic examination to identify deviations from normal.
- 5- Recognize different ophthalmic emergencies and perform first aid measures.



Intellectual Skills:

By the end of the course, students should be able to:

- 1- Interpret the most important symptoms and signs of ocular diseases.
- 2- Interpret basic investigations related to important ocular diseases.

Methods of assessment: Total marks: 250

1- End of term: (50 marks)

- Logbook (5 marks)
- Short essay (5 marks)
- Spotting of 10 clinical cases (20 marks)
- Clinical case study (20 marks)

*During the clinical course (6 weeks) the students will be evaluated through their regular attendance (minimum of 70% attendance) and active participation is required for validation to enter the exam, **logbook will be submitted at the end of term.***

2- Final written exam: (125 marks)

- Time of written exam (2.5 hours including MCQs)
- Type of written exam:
 - Short questions (85 marks)
 - MCQs (40 marks)

3- Clinical decision making, oral and clinical exam: (75 marks)

- Clinical decision making (20 marks)
- Oral exam: (25marks)
- Clinical exam (30 marks)



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Ophthalmology Course:

- **Theoretical topics of Ophthalmology:** (30 hours)
- **Clinical cases examination:** (60 hours)

Academic teaching material:

- 1- Diseases of the eye lids.
- 2- Diseases of the conjunctiva.
- 3- Diseases of the lacrimal system.
- 4- Diseases of the orbit.
- 5- Diseases of the cornea.
- 6- Diseases of the sclera.
- 7- Diseases of uveal tract.
- 8- Glaucoma.
- 9- Diseases of the lens.
- 10- Diseases of the vitreous body.
- 11- Diseases of the retina.
- 12- Errors of refraction.
- 13- Strabismus.
- 14- Ocular trauma.
- 15- Ocular manifestations of systemic diseases.
- 16- Neuro-ophthalmology



Clinical Cases study:

- 1- Diseases of the eye lids.
- 2- Diseases of the lacrimal system.
- 3- Diseases of the conjunctiva, cornea and sclera.
- 4- Diseases of the iris.
- 5- Diseases of the lens.
- 6- Basic of strabismus, its types and management.
- 7- Recognition of ocular trauma and their first-aid management.

Clinical examination tests (methods):

- 1- Visual acuity testing (Far - Near)
- 2- Digital palpation of ocular tension.
- 3- Testing upper lid elevation.
- 4- Testing lid closure.
- 5- Eversion of the upper eyelid.
- 6- Palpation of orbital margins and lacrimal gland.
- 7- Visualization of lacrimal puncti.
- 8- Palpation of lacrimal sac (Regurgitation test)
- 9- Corneal reflex (Blinking reflex)
- 10- Pupillary reflexes (Light and near reflexes)
- 11- Visual field (Confrontation test and light projection test)
- 12- Ocular motility tests
- 13- Cover tests.
- 14- Eye bandage (uniocular, binocular and pressure bandage)



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Date	Course	Signature
	Ocular examination	
	Eye lids	
	Lacrimal system	
	Orbit	
	Conjunctiva	
	Cornea	
	Sclera	
	Uveal tract	
	Lens	
	Glaucoma	
	Retina	
	Vitreous	
	Errors of refraction	
	Strabismus	
	Neuro-ophthalmology	
	Ocular trauma	
	Medical ophthalmology	
	Laser in ophthalmology	



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Clinical Tests	Signature
Visual acuity testing	
Digital palpation of ocular tension	
Testing upper lid elevation	
Testing lid closure	
Eversion of upper eye lid	
Palpation of orbital margins	
Palpation of lacrimal gland	
Visualization of lacrimal puncti	
Palpation of lacrimal sac (regurgitation test)	
Corneal reflex (Blinking reflex)	
Pupillary reflexes (light and near)	
Visual field (confrontation test and light projection test)	
Testing ocular motility: (Command and following, Monocular and binocular)	
Cover tests: (Cover, Cover – uncover, Alternating cover)	
Eye pad, eye patch and pressure bandage	



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Clinical Case Demonstration

Date	Clinical Signs	Signature



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Date	Clinical Signs	Signature



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Logbook

Overall Classroom Teaching:

Sessions total number	Number attended	% of attendance
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A minimum of 70% attendance of sessions is a requirement for students to be eligible to enter the test at the end of clinical course.

Chairman of group

Head of Department