



Mansoura University Faculty of Medicine

Log Book

Ophthalmology Department

2015 - 2016

ختم القسم

إيصال تسليم Log Book

..... : اسم الطالب

..... : الفرقة

..... : رقم الجلوس

..... : تاريخ التسليم

..... : توقيع المستلم



**Mansoura University
Faculty of Medicine
Ophthalmology Center**



CURRICULUM CONTENT & LOGBOOK

For
4th Year Medical Students
In
Ophthalmology



Preface

Ophthalmology is a medical specialty frequently needed when practicing medicine. The overall objective of the courses is to provide you with the 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 pivotal to the diagnosis of diseases within this specialty

The present assessment schedule is a tool which you should use in co-operation with your teachers to ensure, that you:

- 1- have seen/been present at teaching rooms
- 2- have performed the required skills under supervision
- 3- independently master these skills

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

Training to obtain the skills takes place at ophthalmic center and, consequently, it is necessary that you attend. It is essential that you take an active part in the training at the clinics.

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

Staff members of ophthalmology department



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Photo

Student's name: -----

Address :-----

E-mail :-----

Serial number :-----

Classroom Teaching Group: -----



Intended Learning Outcomes

KNOWLEDGE:

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

CLINICAL SKILLS:

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

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



6- Perform first aid measures in cases of ocular trauma.

INTELLECTUAL SKILLS:

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

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

Methods of assessment:

Total marks: 250

1- End of Term: (50 marks)

Spotting of clinical cases and problem solving (40 marks)

+ self evaluation and short essay (5 marks).

+ Log book (5 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

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. Oral, clinical and clinical problem solving exam : (75 marks)

- Oral exam: 25marks

- Clinical exam: 30 marks

- Decision making (problem solving): 20 marks



Total (250 marks)

Ophthalmology Course:

Theoretical topics of Ophthalmology; (30 hours)

-Clinical cases examination: (60 hours)

Academic teaching material:

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



Clinical Cases study:

- 1- Diseases of the eye lids and orbit.
- 2- Basic of squint, its types and management.
- 3- Diseases of the lacrimal system.
- 4- Diseases of the Conjunctiva, cornea and sclera.
- 5- Diseases of the iris.
- 6- Diseases of the lens.
- 7- Recognition of chemical and traumatic injuries and their first-aid management.

Clinical examination tests (methods):

- 1- Visual acuity testing (Far - Near)
- 2- Digital measurement of ocular tension.
- 3- Pupillary reflexes (Light and Near reflexes)
- 4- Visual field (Confrontation test and light projection test)
- 5- Corneal reflex (Blinking reflex)
- 6- Testing upper lid elevation.
- 7- Testing lid closure.
- 8- Eversion of the upper eyelid.
- 9- Palpation of orbital margins and orbit.
- 10- Palpation of lacrimal gland.
- 11- Visualization of lacrimal puncti.
- 12- Palpation of lacrimal sac (Regurgitation test)
- 13- Testing ocular motility
 - Command and following
 - Duction and version



14- Cover test, Cover-uncover test.

15- Eye bandage (uniocular, binocular and pressure bandage)

Date	Course	Signature
	OCULAR EXAMINATION	
	EYE LIDS	
	LACRIMAL SYSTEM	
	ORBIT	
	CONJUNCTIVA	
	CORNEA	
	SCLERA	
	UVEAL TRACT	
	LENS	
	GLAUCOMA	
	RETINA	



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Date	Course	Signature
	VITREOUS	
	ERRORS OF REFRACTION	
	STRABISMUS	
	NEURO-OPHTHALMOLOGY	
	OCULAR TRAUMA	
	MEDICAL OPHTHALMOLOGY	
	LASER IN OPHTHALMOLOGY	



CLINICAL TESTS	Signature
Visual acuity testing (far-vision)	
Digital measurement of ocular tension	
Pupillary reflexes (light and near reflexes)	
Visual field (confrontation test and light projection test)	
Corneal reflex (Blinking reflex)	
Testing upper lid elevation	
Testing lid closure	
Eversion of the upper eye lid	
Palpation of orbital margins	
Palpation of lacrimal gland	
Visualization of lacrimal puncti	
Palpation of lacrimal sac (regurgitation test)	
Testing ocular motility: -Commond and following -Duction and version	
Cover test, cover – uncover test	
Eye bandage (uniocular, binocular and pressure bandage)	



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LOGBOOK

- Overall Classroom Teaching:

Sessions	Total number	Number attended	% of attendance

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 the group

Head of the Department