



COURSE SPECIFICATION

(Ophthalmic Medicine)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Master degree of Ophthalmology programme
(2) Department offering the programme.	Ophthalmology department
(3) Department responsible for teaching the course.	OPhthalmology department
(4) Part of the programme.	Second part.
(5) Date of approval by the Department's council	31/7/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Ophthalmic Medicine
(8) Course code.	OPHT 522 OM
(9) Total teaching hours.	90 hours lectures + 180 clinical

(B) Professional information

(1) Course Aims:

The broad aim of the course is to educate students about Ophthalmic Medicine also to provide the students with updated data and researches.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

A1	Recognize clinical diagnosis of diseases affecting the eye and the adenexa.
A2	Investigate tools necessary for the diagnosis of ophthalmic diseases.
A3	Identify surgical skills for basic ophthalmic procedures.
A4	Recognize medical emergencies and critical care in ophthalmology.
A5	List neurologic and ophthalmology related disorders.
A6	List ocular manifestation of systemic diseases.

B- Intellectual skills

I1	Specify medical dilemmas and complexities and how to solve them.
I2	Make conclusions and be able to conduct scientific discussion.
I3	Select from different choices based on multiple determining factors as social, scientific, economic etc...
I4	Prioritize and tailor the different guidelines to individual situations.

C- Professional/practical skills

P1	Take a focused medical history with proper analysis and conclusions.
P2	Examine properly and systematically the eye and the adenexa with an exact follow of the standard rules and interpret signs individually.
P3	Integrate data from the history and the examination done.
P4	Ask for the proper investigations to be done for a given medical problem.
P5	Put a diagnosis and differential diagnosis of different cases.
P6	Write a treatment prescription for a given medical problem within a multidisciplinary management plan if needed.
P7	Identify patients needing hospitalization, and those needing surgical intervention.
P8	Identifying patients in need for higher specialization.

P9	Diploma the different emergency and routine procedures necessary in the general ophthalmic specialty.
P10	Interpret general ophthalmic investigative forms and use their findings in diagnosis and therapy.

D- Communication & Transferable skills

T1	Gain communication skills with workers, nurses, juniors, professors, peers, patients and their care givers.
T2	Diploma computer skills in research, data base filing and preparation of presentation.
T3	Use computer efficiently in solving medical problems.
T4	Work in team.
T5	Acquire managerial skills.

(3) Course content:

	Title	Total teaching hours	
		Lecture 90 h	Clinical 0 h/A
Module A			
	1. Diseases of Eyelids : Blepharitis, allergy- lid retraction- Madarosis- Blepharospasm- Infections	8	16
	2. Diseases of lacrimal apparatus: Dacryoadenitis- Dacryocystitis- canaliculitis	4	8
	3. Diseases of Conjunctiva : Conjunctivitis (Bacterial, Viral, Chlamydial, allergic)- Mucocutaneous disorders- Dry eye.	6	12
	4. Diseases of Cornea : Keratitis (Bacterial, Viral, Mycotic)- Pigmentations, Precipitates- Peripheral corneal disorders- Degeneration- Dystrophies- Ectasia.	10	20
	5. Diseases of Sclera : Scleritis- Episcleritis.	2	4

Module B				
	6. Glaucomas: Ocular hypertension- Primary Open angle glaucoma – Normo tensive glaucoma , Primary angle closure glaucoma – secondary Open angle glaucoma , secondary angle closure glaucoma , Infantile & Juvenile.		10	۲۰
	7. Disease of Uvea: Uveitis (Infective, Non-infective, Chronic)		6	۱۲
	8. Diseases of Macula: age related macular degeneration , centrall serous chorio retinopathy , Cystoid macular oedema, Maculopathies.		4	۸
	9. Diseases of Retina: Dystrophies (Receptors, Retinal pigment epithelium & Choroidal) Degenerations Vascular: Retinopathies (Diabetic, Hypertensive, Renal, Toxaemia, Arteriosclerotic), retinal artery occlusion & retinal vein occlusion		10	۲۰
Module C				
	10. Diseases of optic nerve: Neuropathy, Neuritis, Papilledema, congenital.		8	۱۶
	11. Neuro-ophthalmology : Pupillary anomalies, Nystagmus, ophthalmoplegias, Migraine, Brain stem syndromes, optic atrophy- chiasmal lesions.		10	۲۰
	12. Medical ophthalmology: Metabolic (Diabetes- Gout)- Hypovitaminosis- Endocrinal (Pituitary- Thyroid- Parathyroid- Thymus)- Blood diseases- Collagen diseases (systemic luyus erythematous – rheumatic arthritis - Gaint cell arthritis)- Chronic granulomatous diseases (Tuberculosis , syphilis, Leprosy & Sarcoidosis)- Phacomatoses- Musculer diseases.		12	۲۴

(4) Teaching methods:

- 4.1: Lecture
- 4.2: Practical class
- 4.3: Small group discussion with case study and problem solving
- 4.4: Tutorial
- 4.5: Seminars
- 4.6: Workshops

(5) Assessment methods:

- 5.1: Written Examination for assessment of ILOs knowledge & intellectual**
- 5.2: Structured Oral examination for assessment of ILOs knowledge & intellectual ILOs.**
- 5.3: MCQ for assessment of ILOs knowledge & intellectual**
- 5.4: OSCE examination for assessment of ILOs**
- 5.5: Log book for activities for assessment of:** mainly for assessment of practical & transferrable skills which are accepted through attending different conferences, thesis discussions, seminars, workshops, attending scientific lectures as well as self learning.
- 5.6: seminars:** the candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff .

Assessment schedule:

Assessment 1: after 36 months from the start of the job

Assessment 2 : Log book required activities to go through 2nd part examination .

Assessment 3 : MCQ exam for continuous assessment of knowledge and intellectual skills.

Assessment 4: the candidate should prepare and present at least one seminar in atopic related to the course and determined by the supervisors in front of the department staff

Percentage of each Assessment to the total mark:

(written 200 mark, clinical 100 mark and oral exam with 100 marks)

Written exam: 50 %
Oral &practical exam 50 %

Other assessment without marks: practical tests and exam, seminars and log book assessment are requirement of the 2nd part exam.

(4) References of the course:

6.1: Text books:

- Ophthalmology, Yanoff

6.2: Websites:

- rcoph.org.uk

6.3: Recommended books

- Ophthalmology, Yanoff

(5) Facilities and resources mandatory for course completion.

- Lecture rooms: available in the department

Course coordinator: : Prof. Dr Adel El layeh

Head of the department: Prof. Dr Adel El layeh