COURSE SPECIFICATION

(Ancillary diagnostic ophthalmic tests in RETINA)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	MD 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:	MD degree of Ophthalmology programme 2nd 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:	Ancillary diagnostic ophthalmic tests in RETINA **OPHT 622 RE**
(8) Course code:	**OPHT 622 RE**
(9) Credit hours	**1**
(10) Total teaching hours:	15 hours lectures

(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 adnexa
A2	Investigate tools necessary for the diagnosis of ophthalmic diseases
A3	Identify clinical skills necessary for diagnosis of eye diseases
A4	Recognize medical emergencies and critical care in ophthalmology

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.

(3) Course content:

Subjects	Lecture:	Clinica	Field	Total Teaching Hours
1. **ROLE OF FUNDUS FLUORESCINE ANGIOGRAM IN DIGNOSIS OF RETINAL DISORDERS**	**5**			**15 lectures**
2. **ROLE OPTICAL COHERENCE TOMOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS**	**5**			
3. **ROLE OF ULTRA SONOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS**	**5**			

(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

(4) Assessment methods:

5.1:Written Examination for assessment

5.4 MCQ continuous assessment

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 atopic related to the course and determined by the supervisors in front of the department staff (without marks).

Assessment schedule:

Assessment 1: written exam after 36 month from MD registration

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 (without marks).

Percentage of each Assessment to the total mark:

Written exam: 20 Marks (including 20% MCQ)

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

(5) References of the course:

6.1: Text books:

- Ophthalmology, Yanoff

6.2: Websites:

- rcoph.org.uk

6.3: Recommended books

- Ophthalmology, Yanoff
-

(6) Facilities and resources mandatory for course completion:

- Lecture rooms: available in the department

Course content and ILOs Matrix

Programme ILOs are enlisted in the first row of the table (by their code number: a1, a2……etc), then the course titles or codes are enlisted in first column, and an "x" mark is inserted where the respective course contributes to the achievement of the programme ILOs in question.

Course content	A1	A2	A3	A4	A5	A6	A7	A8
ROLE OF FUNDUS FLUORESCINE ANGIOGRAM IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√	√
ROLE OPTICAL COHERENCE TOMOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√	√
ROLE OF ULTRA SONOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√	√

Course content	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
ROLE OF FUNDUS FLUORESCINE ANGIOGRAM IN	√	√	√	√	√	√	√	√	√	√

DIGNOSIS OF RETINAL DISORDERS										
ROLE OPTICAL COHERENCE TOMOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√	√	√	√
ROLE OF ULTRA SONOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√	√	√	√

Course content							
	T1	**T2**	**T3**	**T4**	**T5**	**T6**	**T7**
ROLE OF FUNDUS FLUORESCINE ANGIOGRAM IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√
ROLE OPTICAL COHERENCE TOMOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√
ROLE OF ULTRA SONOGRAPHY IN DIGNOSIS OF RETINAL DISORDERS	√	√	√	√	√	√	√

Course methods of assessment and ILOs Matrix

Programme ILOs are enlisted in the first row of the table (by their code number: a1, a2……etc), then the Course methods of assessment are enlisted in first column, and an "x" mark is inserted where the respective course contributes to the achievement of the programme ILOs in question.

Course methods of assessment								
	A1	**A2**	**A3**	**A4**	**I1**	**I2**	**I3**	**I4**

Written Examination	√	√	√	√	√	√	√	√
MCQ exam for	√	√	√	√	√	√	√	√
Log book for activities for assessment of : mainly for assessment practical & transferrable skills attendance of different conferences, thesis discussions, seminars, workshops Attendance of scientific lectures								
seminars: 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 .	√	√	√	√	√	√	√	√

Course methods of assessment										
	P1	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**	**P9**	**P10**
Written Examination	√	√	√	√	√	√	√	√	√	√
MCQ exam for	√	√	√	√	√	√	√	√	√	√
Log book for activities for assessment of : mainly for assessment practical & transferrable skills attendance of different conferences, thesis discussions, seminars, workshops Attendance of scientific lectures.										
seminars: 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 .	√	√	√	√	√	√	√	√	√	√

Course methods of assessment							
	T1	**T2**	**T3**	**T4**	**T5**	**T6**	**T7**
Written Examination	√	√	√	√	√	√	√
MCQ exam for	√	√	√	√	√	√	√
Log book for activities for assessment of : mainly							

for assessment practical & transferrable skills attendance of different conferences, thesis discussions, seminars, workshops Attendance of scientific lectures.							
seminars: 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 .	√	√	√	√	√	√	√

Course coordinator: : Prof.Dr Adel El layeh

Head of the department: Prof.Dr Adel El layeh