



COURSE SPECIFICATION

MSC family medicine- Ophthalmology Faculty of Medicine- Mansoura University

(A) Administrative information

<input type="checkbox"/> Program offering the program	MSC family medicine
<input type="checkbox"/> Department offering the course	درجة بينية
<input type="checkbox"/> Department responsible for teaching the course	Ophthalmology Department
<input type="checkbox"/> Part of the program	3 rd semester
<input type="checkbox"/> Date of approval by the Department`s council	24/7/2016
<input type="checkbox"/> Date of last approval of program specification by Faculty council	9/8/2016
<input type="checkbox"/> Course title	Ophthalmology
<input type="checkbox"/> Course code	FAM 522
<input type="checkbox"/> Total teaching hours	45 hours

(B) Professional information

Educational Aims and Objectives of the Course:

The course will provide students with appropriate knowledge, practical skills for proper diagnosis and management of the most common ocular diseases. In addition, they will be able to identify the ocular manifestations of systemic diseases and the general techniques for examination of the eye.

Intended Learning Outcomes:

A- Knowledge and Understanding of Subject

- A1- Identify some of the aspects of the medicine and surgery of the eye, adnexae and visual pathway, and recognize interactions with systemic disease.
- A2- Explain etiology, clinical manifestations for specific diseases.
- A3- Recognize investigations appropriately according to the limitations of the tests and their context.
- A4- Summarize a relevant differential diagnosis for eye diseases, to know the appropriate management and prevention strategy.

B- Intellectual activities (I)

- B1- Integrate basic science with clinical care in the field of ophthalmological problems.
- B2- Analyze, and evaluate clinical data for ophthalmological problems.
- B3- Formulate the results of history, physical and laboratory test findings into a meaningful diagnosis.
- B5- Construct appropriate management strategies and plan for critical problem solving for ophthalmic patients.

B6- Criticize ideas and arguments effectively.

C- Professional / practical skills (P)

C1- perform adequate history taking

C2- perform adequate general physical examination with correlation with the eye problems

C 3- perform systemic office eye procedures

C4- Interpret data in an organized and informative manner

C5- Operate in the inter-disciplinary team in the eye care of children, the handicapped and the elderly.

D- Communication and transfersable skills (P)

D1- Demonstrate their skills in communication, especially with patients, relatives and facilitate access to rehabilitation services.

D2- Express ability to work as part of a team with other colleagues in other specialties and other agencies.

D3- Employ compassion in ‘breaking bad news’ and in the management of the visually impaired, and demonstrate the impact of visual impairment on the patient and society.

D4- Employ the use of the scientific literature, evidence-based practice and information technology.

Curriculum structure and contents:

SUBJECT	Lectures	Clinical	Skill Lab	Total Teaching Hours
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Introduction	1		2	3
Introduction	1		2	3
Refractive errors	1		2	3
Conjunctivitis	1	2		3
Keratitis	1	1	1	3
Keratitis	1	1	1	3
Cataract	1	1	1	3
Glaucoma	1	1	1	3
Glaucoma	1	1	1	3
Uveitis	1		2	3
Uveitis	1		2	3
Neuro-ophthalmology	1	2		3
Squint	1	2		3
Ocular trauma	1	2		3
Manifestation of systemic disease	1		2	3
Total	15	13	17	45

Skill lab:

- Model demonstration of the anatomy, Torch, slit lamp examination.
- Corneal reflection, Hirschberg test, Ocular motility test.
- Assessment of visual acuity.
- Corneal staining.
- Assessment of the lens, Cataract extraction surgeries.
- Confrontation test, Assessment of IOP, Glaucoma surgeries.
- Pupillary reflexes.
- Fundus examination.

Teaching methods:

- 1: Lectures
- 2: Clinical
- 3: Skill Lab

References of the course:

- 1: Textbooks: Ophthalmology and Kanaski.
- 2: Lecture notes

Facilities and resources mandatory for course completion:

- 1: Lecture room: The conference hall located at the 4th floor
- 2: Library: Located at the 4th floor

Assessment methods:

- 1: **Written Examination:** for assessment of ILOs knowledge Skills
- 2: **MCQ examination:** for assessment of ILOs knowledge & intellectual skills
- 3: **OSCE:** for assessment of ILOs Practical & communication skills

Percentage of each Assessment to the total marks:

Written exam: 50 %
Practical exam: 50 %

Assessment Rules

Tools	Marks	Percentage of the total marks
Written exam	40	50%
MCQ exam	10	
OSCE exam	50	50%
Total marks	100	

Course coordinator: Name:	Signature & date:
<u>Head of department</u>	Signature & date: