



COURSE SPECIFICATION

(neurology)

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.	Master degree of Ophthalmology programme 1 st 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.	Neurology related to the eye
(8) Course code.	OPHT512
(9) Credit hours	0.5
(10) Total teaching hours.	7.5 hours

(B) Professional information

(1) Course Aims:

The broad aim of the course is to educate students about general medicine in relation to the eye 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 and describe ocular manifestations of systemic disease.
A2	Recognize and describe neurological manifestations of systemic disease.
A3	Discuss the basis of critical role of Primary Care Physicians in preventing visual loss by appropriate treatment and referral.
A4	Enlist ophthalmic symptoms and signs related to neurological disorder.
A5	Describe the management of the ophthalmic related neurological disorder.

B- Intellectual skills

I1	Comment on ocular manifestations of systemic disease and ocular toxicology of systemic medications.
I2	Take a history and do a physical examination of the patient presenting with ocular symptoms.
I3	Manage the ophthalmic related health care system.
I4	To learn the critical role of Primary Care Physicians in preventing visual loss by appropriate treatment and referral.
I5	Comment on ocular manifestations of neurological disorder.
I6	Take a history and do a physical examination of the patient presenting with neurological symptoms.
I7	Manage the ophthalmic related health care system.
I8	To learn the critical role of Primary Care Physicians in emergency by appropriate treatment and referral.
I9	Interpret the data answering the question where and what is the lesion

C- Professional/practical skills

P1	Record and read an electrocardiogram and blood indices.
P2	Be familiar with the indications and interpretations of ancillary testing as: i. Complete blood picture;

	ii. Liver and renal function; iii. Immunologic profile
P3	Read and interpret the CSF analysis.
P4	Be familiar with the indications and interpretations of ancillary testing as: i. Ct brain; ii. MRI; iii. Immunologic profile.

D- Communication & Transferable skills

T1	Maintain honesty and integrity in all interactions with teachers, colleagues and others with whom physicians must interact in their professional lives.
T2	Recognize the scope and limits of their role as students as well as the necessity to seek and apply collaboration with other workers.
T3	Work cooperatively and show respect for other opinions.
T4	Appraise responsibility towards work
T5	Maintain honesty and integrity in all interactions with teachers, colleagues and others with whom physicians must interact in their professional lives.
T6	Recognize the scope and limits of their role as students as well as the necessity to seek and apply collaboration with other workers.
T7	Work cooperatively and show respect for other opinions.
T8	Appraise responsibility towards work

(3) Course content:

	Title	Teaching Hours (7.5)
	Neurology	
	5. Clinical neurological examination	1.5
	6. Cranial nerves 1-12	1
	7. Papilledema -Optic atrophy- Chiasmal lesions	1
	8. Paralytic squint- Ophthalmolopelia	0.5
	9. Ptosis – lid retraction.	0.5
	10. Trigeminal neuralgia – hyperaesthesia – hypoaesthesia – anaesthesia	0.5

	11. Facial palsy - Blepharospasm		0.5
	12. Miosis – mydriasis - Anisocoria		0.5
	13. Nystagmus		0.5
	14. Pituitary tumours ,sellar and para sellar lesions		0.5
	15. Demyelinating diseases		0.5

(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 of knowledge and intellectual ILOS.**
- 5.2: Structured Oral examination for assessment of knowledge and intellectual ILOS.**
- 5.3: Objective Structured Clinical Exam (OSCE) for assessment of knowledge; intellectual; clinical and communication ILOS.**
- 5.4: MCQ for assessment of knowledge and intellectual 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 atopic related to the course and determined by the supervisors in front of the department staff (without marks).

Assessment schedule:

Assessment 1: written after 6 month from master registration

Assessment 2 : Oral exam 6 month from master registration

Assessment 3 : MCQ exam for continuous assessment of knowledge and intellectual skills at the end of the semester after 15 weeks

Assessment 4 Log book required activities to go through 1st part examination .

Assessment 5: 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:	72 Marks + 18 MCQ
Oral exam	30 Marks
Clinical	30 Marks

Other assessment without marks: practical tests and exam, seminars and log book assessment are requirement of the 1st part exam.

(5) References of the course:

6.1: Text books:

- Medical ophthalmology text book, Kanaski

6.2: Websites:

- rcoph.org.uk

6.3: Recommended books

- Medical ophthalmology text books, Kanaski

(6) 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