



COURSE SPECIFICATION

OPH226E

(Ocular Pathology)

Faculty of Medicine- Aswan 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
(7) Course title:	Ophthalmic pathology
(8) Course code:	OPH226E
(9) Credit hours	12
(10) Total teaching hours:	60 hours lectures+ 20 clinical

(B) Professional information

(1) Course Aims:

The broad aim of the course is to educate students about Ocular Pathology 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 define the basic pathologic processes that disturb the structure and function of the eye including cell injury, tissue response to injury (inflammation, healing and repair), neoplasia, infections and parasitic diseases.
A2	Recognize and describe Congenital anomalies of the eye and its adnexa.
A3	List the causes of common diseases affecting the eye.
A4	Understand the pathogenesis of common diseases affecting the eye.
A5	Recognize and describe the basic pathologic features (morphologic alterations) including the gross and microscopic pictures of various common diseases affecting the eye.
A6	Understand the basis of Injuries of the eye.
A7	Know pathology of primary and secondary ocular tumors.

B- Intellectual skills

I1	Comment on ocular pathological changes of eye structure in different diseases.
I2	Look at and evaluate any eye or biopsy that they have performed or assisted with.
I3	Interpret any pathological changes.
I4	Correlate macroscopic and microscopic pathological changes.

C- Professional/practical skills

P1	Prepare a proper pathology request (clinical history, location of biopsy, special requests).
P2	Prepare a concise, pertinent and accurate pathology report.
P3	The candidate should have knowledge of the value and the limitations of a pathology specimen and its report (e.g. inadequate biopsy, more or different tissue needed, biopsy not indicated), when to ask for another
P4	Integrate the pathology diagnosis into the complete care of the individual patient.

(3) Course content:

Subjects	Lectures	Clinical	Total Teaching Hours
Systemic Pathology:			60+ 20
(A) Adnexae:	6	3	
1. Eye lids: skin, glands, congenital, developmental, Aging, Inflammatory , Cysts, Vascular lesions, Benign tumours, Premalignant, malignant.			
2. Conjunctiva: Congenital , Vascular,Inflammatory (Acute, chronic) , allergic, Degenerations, cysts, tumours (Benign & malignant) , Xerosis.			
3. Orbit, lacrimal : Thyroid ophthalmopathy , Pseudotumour , Granuloma Tumours: lymphoid, vascular, muscular, lacrimal gland.			
(B) Ocular:			
1. Cornea: Congenital, Inflammatory, Ulcers, Pannus, keratoconus, Dystrophies.	2	2	
2. Sclera: Inflammatory.	2	3	
3. Uvea: Choroid,Ciliary body, Iris(Malignant,benign), Metastases Retinoblastoma & Leucocoria.	3	2	
4. Lens: Congenital Cataract , Intra Ocular Lens implantation.	2	4	
5. Glaucomas	4	2	

6. Vitreous: Posterior vitreous detachment , opacities & Haemorrhage.	5	3
7. Macula: Holes, Dystrophies & Age related macular degeneration .	5	3
8. Retina : Haemorrhage, exudates, Retinal artery occlusion , Retinal vein occlusion, Retinopathies, Retinal pigment, degeneration , Retinal detachment	8	2
9. Optic nerve: Congenital Anomalies , Papilloedema , Optic neuritis , Optic atrophy & Tumours	6	3

(4) Teaching methods:

4.1 : Lecture

4.2 : Practical class

4.3 : Small group discussion with case study and problem solving

(4) Assessment methods:

5.1 : Written Examination for assessment of ILOs knowledge & intellectual.

5.2: Oral examination for assessment of: ILOs knowledge & intellectual.

5.3: Log book for activities for assessment of: mainly for assessment of practical & transferrable skills which are accepted through attending different conferences.

Assessment schedule:

Assessment 1: after 24 month from the start of the job

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

Percentage of each Assessment to the total mark:

150

Written exam: 50%

Oral exam : 25%

Clinical : 25%