

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Ophthalmology
Course number	MDCN4213
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - •	Obtain a complete and/or focused medical history from patients
2 - •	Perform physical examinations especially direct ophthalmoscope on patients
3 - •	Order appropriate investigations and interpret its results for the common or important diseases
4 - •	Recognize common and important abnormal clinical findings.
5 - •	Develop a problem list and differential diagnosis based on the history, physical findings and initial investigations
6 - •	Recognize life-threatening emergencies and initiate appropriate primary intervention
7 - •	Continually reevaluate management plans based on the progress of the patient's condition

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Describe the anatomy of the eye and eyelids * Discuss types of glaucoma * Discuss types of retina detachment (RD) and age-related macular degeneration (ARMD)
General Skill	<ul style="list-style-type: none"> * Describe a normal eye exam * Discuss Refractive Errors

Course Contents

- 1 - • Ocular anatomy and physiology
- 2 - • Ocular history and examination
- 3 - • Cataract
- 4 - • Visual pathway
- 5 - • Clinical optics
- 6 - • Uveitis
- 7 - • Ocular trauma
- 8 - • Strabismus
- 9 - • Conjunctivitis and lid disease
- 10 - • Pupil
- 11 - • Ocular pharmacology
- 12 - • Red eye
- 13 - • Glaucoma
- 14 - • Cornea and sclera
- 15 - • Lacrimal system and orbit
- 16 - • Retinal vascular diseases
- 17 - • Ocular manifestation of systemic disease
- 18 - • Retina and choroid
- 19 - • Refractive error and practice

Teaching and Learning Methods

- 1 - Lectures
- 2 - Case discussions
- 3 - Clinical rounds
- 4 - Surgical observation
- 5 - Assessments and feedback

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Attendance and discussion		20
Final Exam	End of semester	80

Books and References

Essential books Ophthalmology Lecture notes