

Course Syllabus of Ophthalmology

Faculty: Faculty of Medicine and Health Sciences

Department: Surgery

Program : Bachelor of Medicine and Surgery

I. General information about the course instructor :							
Name	Dr. Abdulmoghni Al-Barrak(part –time)	Office Hours(3 Hours Weekly)					
Location & phone number	-	Sat	Sun	Mon	Tue	Wed	Thu
Email	-	√			√		

II. General information about the course						
1. Course Title :	Ophthalmology					
2. Course Code and Number :	BMD33					
3. Credit Hours :	Credit Hours					Total
	Theoretical	Seminar/Tutorial	Practical	Clinical	Training	
	3	-	-	2	-	5
4. Level and Semester:	5th year-1st semester & 2nd semester (one for girls and one for boys)					
5. Pre-requisites:	System blocks in the 2nd ,3rd & 4th years					
6. Co-requisites :	None					
7. Program in which the course is offered:	Bachelor of medicine and Surgery					
8. Teaching Language:	English					
9. Instruction location:	University of Science and Technology, Sana'a					

III. Course Description

Ophthalmology course is a Three- week rotation for 5th year medical students. During this course the student attends daily clinical round in the ward. They participate in seeing patients in the clinics. Lectures and Seminars on common ophthalmology disease are given in the afternoon. By the end of the course. It aims at making the student familiar with basics in ophthalmology and aware of the common ophthalmic disorders and conditions. Throughout the course, students will be involved in the clinical rounds and consults, outpatient clinics and interactive seminars

IV. Course Aims:

The course aims are to:

- 1-Provide the students with basic medical knowledge about the normal structure and function of the eye
2. Recognize the common disorders that affect the eye causing visual disturbances of different etiologies with their diagnoses, pharmacological and non pharmacological bases of treatment.
3. Recognize the common emergency ophthalmological disorders and different preventive measures to avoid common causes of visual loss
4. Perform the clinical skills of taking the history and examining the ophthalmologic patient and the ability to manage them.

V. Course Intended Learning Outcomes (CILOs) :

- 1) Describe different aspects of the normal structure and stages of development of the eye and related parts as well its abnormal development and other abnormal conditions
- 2) .Identify the clinical, diagnostic features and principles of prevention and pharmacological and non pharmacological principles of the treatment of common ophthalmological conditions
- 3). Correlates the pathophysiological changes with the clinical history, clinical findings, the results of laboratory and imaging findings to reach into a provisional diagnosis.
- 4) Perform and document an accurate medical history and complete clinical examination of a patient with an ophthalmological problems either in the outpatient, ward, or the emergency situations.
- 5)Construct an appropriate management plan according to the diagnosis of common ophthalmologic problems
- 6) Perform under supervision (or observe) some routine diagnostic and therapeutic procedures in the daily practice in the ophthalmologic clinical wards and emergency rooms .

7) Provide general counselling regarding some ophthalmologic problems and advice the patient about common hygienic rules and dealing with the patient by respect to their cultural, values and privacy and provide shared decisions

8) Work effectively in a team through preparing collective assignments and managing patients and presenting case studies.

VI. Course Content				
First : Theoretical Aspects				
No.	Course Topics/Units	Sub-topics	No. of Lectures	Contact Hours
1	Normal structure and function	Anatomy of the eye , eyelids, cornea, conunctiva	2	4
2	Disorders of eyelids, conjunctiva and cornea	Eyelids Orbital lacrimal system Conjunctiva Cornea	3	6
3	Neuro ophthalmology	Optic nerve disorders Visual fields	2	4
4	Uveal tract	Uveal tract diorders	2	4
5	Refraction	Errors of refractions	2	4
6	Disorders of lense, and retina	Glucoma Cataract Strabismus Retina	5	10
7	Tumors and traumas	Common ophthalmological tumors and leukocuria Common ophthalmological traumas	2	4
8	Preventive ophthalmology	Prevention of common ophthalmologica disorders	2	3
9	Systemic illness and ophthalmology	Ophthalmological manifestations of systemic illness	2	4
10	Vision	Loss of vision	1	2
Total			23	45 =3 credit

Second: Practical/Tutorial/Clinical Aspects			
No.	Practical/Tutorial/Clinical topics	No. of Clinical session	Contact Hours
1	History taking and examination	8	32
2	common ophthalmological disorders	7	28
3	Common ophthalmological disorders	8	30
Total		23	90= 2credit hours