



Course Syllabus of Medicine (block)

Faculty: Faculty of Medicine & Health science

Department: Medicine

Program : Bachelor of Medicine and Surgery

I. General information about the course instructor :							
Name	DRMOHAMMED ALHOSAMI	Office Hours(3 Hours Weekly)					
Location & phone number	Alandalus 714600160	Sat	Sun	Mon	Tue	Wed	Thu
Email	Drmo.hosami@yahoo.com	√			√		√

II. General information about the course:							
1.	Course Title :	Medicine (block)					
2.	Course Code and Number :	BM38					
3.	Credit Hours :	Credit Hours					Total
		Theoretical	Seminar/Tutorial	Practical	Clinical	Training	
		12	-	-	3	-	15
4.	Study Level and Semester:	6th 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

The sixth year medicine is a fifteen -week clinical rotation. The objective of the course is to acquaint the student with the varied aspects of medical care for adults. The course placed on enhancing the skills of taking a history, performing a physical examination, presenting these findings, developing a differential diagnosis for common clinical presentations and problems. Students rotate on the wards and outpatients of different teaching hospitals under the supervision of the College of Medicine medical staff. Formal and informal daily teaching sessions and rounds with the faculty physician are a major part of the fifteen -week clinical rotation.

IV. Course Aims:

The course aims are to:-

1. Provide the student with the scientific knowledge about the common and/ or important diseases, their clinical features, and their etiologies.
2. Build on the intellectual skills acquired by students during the previous years
3. Develop the principles of clinical history taking and examination.
4. Teach the students the ability for diagnosis, management of the common and/ or important diseases.
5. Be aware of some professional issues related to dealing with patient.

V. Course Intended Learning Outcomes (CILOs) :

1. Describe the basic pathology of common medical diseases
2. list the clinical manifestations, diagnostic and laboratory techniques. complications, and treatment plans for common and/or important medical problems, with special emphasis on emergency of acute medical disorders
3. Integrate patient's symptomatology, historic data, abnormal physical signs and investigations into a comprehensive differential diagnosis in various body systems affection
4. Formulate appropriate management plans for individual patients presenting with the most common medical disorders
5. Obtain, perform and document a complete medical history and physical examination for patients with common medical disease and emergencies
6. Develop appropriate treatment for patients with common medical disorders, both acute and chronic conditions, and those requiring short- and long-term rehabilitation
7. Perform under supervision (or observe) some routine technical and therapeutic procedures in the daily practice in clinical wards and emergency rooms
8. Communicate effectively with fellows, patients and their families
9. Identify his/her personal learning needs
10. Use different sources for information and knowledge.

VI. Course Contents				
First: Theoretical Aspects				
No.	Course Topics/Units	Sub-topics	No. of Lectures	Contact Hours
1	Cardiology	1-Valvular cardiac diseases:	2	4
		2-Congenital heart diseases:	1	2
		3-Pericardial diseases:	1	2
		4-Myocardial disease:	1	2
		5-Ischemic heart diseases:	2	4
		6-Rheumatic fever and infective , endocarditis	2	4
		7-Vascular disease: Systemic hypertension., aortic aneurysm.	1	2
		8-Heart failure and cardiogenic shock	1	2
		9-ECG:	2	4
2	Respiratory diseases	1-Pleural diseases.	1	2
		2- Infectious diseases:	2	4
		3- Tumors	1	2
		4- Obstructive airway diseases:	2	4
		5- Interstitial pulmonary diseases.	1	2
		6- Vascular diseases	1	2
3	Gastroenterology:	1-Diseases of the esophagus.	2	4
		2- Diseases of the stomach and duodenum	2	4
		3-Enteropathies causing malabsorption	1	2
		4- Inflammatory bowel diseases:	1	2
		5- Intestinal infections	1	2
		6- Pancreatic diseases	1	2
		7- Intestinal tumors		1
		8- Motility disorders	1	1
4	Hepatobiliary	1-Viral Hepatitis: acute hepatic failure	1	2

	diseases	2-Liver abscess	1	2
		3- Autoimmune diseases	1	2
		4- Metabolic diseases	1	2
		5- Alcoholic liver diseases	3	1
		6-Liver cirrhosis and chronic liver failure		4
		7- Hepatocellular carcinoma.		1
		8- Vascular disorders	1	1
		9- Toxic and drug induced hepatitis		1
5	Rheumatology and connective tissue diseases	1-Rheumatoid arthritis.	1	2
		2-Systemic lupus erythematosus.	1	2
		3-Scleroderma.	1	1
		4-Dermatomyositis and polymyositis.		1
		5-Sero negativ	1	2
		6-Vasculitis syndromes.	1	1
		7-Other connective tissue diseases: (Behcet disease, Sjogren synd.)		1
		8-Crystal deposition arthropathies: (Gout, Pseudogout.)		1
		9-Infective (septic) arthritis.	1	1
		10-Degenerative diseases: (Osteoarthritis, Charcot's joint).		2
		11- Others: Osteoprosis, Paget's disease, Marfan's syndrome).		
6	Nephrology, Electrolyte and acid-base disturbances	1-Glomerular diseases.	1	2
		2- Acute renal failure	1	2
		3- Chronic renal failure	1	2
		4- Acute and chronic pyleonphritis and cystitis	1	2
		5- Tubular and interstitial nephritis.	1	2
		6- Electrolyte disturbances	1	2
		7- Acid base balance disturbances: Acidosis, Alkalosis.	1	2
7	Endocrinology	1-Diabetes mellitus	2	4
		2.Hypothalamic and pituitary disorders:	1	2
		3- Thyroid gland diseases	1	2
		4- Suprarenal gland diseases	1	2
		5- Gonadal disturbances	1	2
		6- Multiple endocrinal syndrome	1	2

		7-Para thyroid gland diseases		
		7- Syndrome of inappropriate ADH(SIAH)	1	2
8	Neurology	1- Speech disturbances		
		2- Hemiplegia:	1	2
		3- Cerebrovascular insufficiency:	1	2
		4- Paraplegia	1	2
		5- Cauda equine lesions and neurogenic bladder	1	2
		6- Spondylosis ,sciatica and motor neuron disease	1	1
		7- Cerebellar diseases and ataxia.		1
		8-. Extrapyrarnidal system:	1	2
		9- Peripheral neuritis	1	2
		10- Muscle diseases	1	2
		11- Brain tumors, Benign intracranial hypertension and hydrocephalus.	1	2
		12- Demyelinating diseases.		
		13- Meningitis, encephalitis.	1	2
9	Hematology	1-Anemia:	3	6
		2-Myeloproliferative and lymphoproliferative diseases.	2	4
		3- Multiple myeloma.	1	2
		4- Coagulation system and bleeding tendencies	2	4
10	Infectious Disease	1-Protozoal infections.	2	4
		2-. Bacterial infections.	1	2
		3- Viral infections(HIV).	1	2
	Seminars	Approach to Anaemia	1	2
		Approach to Jaundice		
		Approach to Lymphadenopathy		
		Approach to Arthritis	1	2
		Approach to Diarrhoea		
		Approach to Polyuria & Polydipsia	1	2
		Approach to Chest pain	1	2

		Approach to Cough		
		Approach to Dyspnoea	1	2
		Approach to Lower Limb Swelling		
		Approach to Fever	1	2
		Approach to Coma		
		Approach to Weight Loss	1	2
		Skin Manifestations in Internal Disease	1	2
		Eye Manifestations in Internal Disease		
Total			90	180h=12C. H

Second: Practical/Tutorial/Clinical Aspects			
Clinical training			
No.	Clinical topics	No. of Clinical sessions	Contact Hours
1	Clinical approach (history and examination) of Cardiovascular system and related cases	4	16
2	Clinical approach (history and examination) of Respiratory system and related cases	3	12
3	Clinical approach (history and examination) of Gastrointestinal system and related cases	4	16
4	Clinical approach (history and examination) of Hepatobiliary diseases and related cases	4	15
5	Clinical approach (history and examination) of Rheumatology and connective tissue diseases and related cases	3	12
6	Clinical approach (history and examination) of Nephrology, Electrolytes and acid-base disturbances and related cases	3	12
7	Clinical approach (history and examination) of Endocrinology and related cases	3	12
8	Clinical approach (history and examination) of Neurology and related cases	3	12
9	Clinical approach (history and examination) of Hematology and related cases	4	16
10	Clinical approach (history and examination) of Infectious Disease and related cases	3	12
Total		34	135 hr=3 CH