

Third year lectures (First semester) & Deadlines

System	Week	Medicine	
Introduction	1 st	Principles of Taking History and Clinical Examination (Bedside)	
		Introduction to Medicine	
Introduction	2 nd	Principles of Taking History and Clinical Examination of the cardiac and respiratory system (Bedside)	
		Principles of Taking History and Clinical Examination (Bedside)	
CVS & Pulmonary	3 rd	Acute Coronary Syndromes	
		History taking and examination of the Cardiac and respiratory systems (Bedside)	
		Arrhythmias	
	4 th	Valvular Heart Diseases	
		DXR	
		Heart Failure (Part1)	
		History taking and examination of the Cardiac and respiratory systems (Bedside)	
	5 th	Heart Failure –Prognosis & Management (Part 2)	
		Rheumatic Heart Disease	
		Infective Endocarditis	
		Cough	
	6 th	History and examination of the cardiac and respiratory systems (Bedside)	
		Bronchial asthma	
		History taking and examination of the cardiac and respiratory systems (Bedside)	
Chronic Obstructive lung Disease and bronchiectasis			
7 th	Pulmonary Embolism		
	Pleural effusion		
	Investigation of Lung Diseases		
	Community Acquired Pneumonia		
Nephrology	8 th	Hypertension	
		History and examination of the urinary system (Bedside) (2 Lectures)	
	9 th	diabetic nephropathy	
		Acid base disorders	
		History and examination of the urinary system (Bedside) (2lectures)	
	10 th	Electrolyte Imbalance1 (Sodium & Water) Part 1	
		Acute kidney injury (AKI)	
Glomerular Diseases			
Electrolyte Imbalance 2 (Potassium & Calcium)			
		Electrolyte Imbalance 1 (Sodium & Water) Part 2	
		Chronic Kidney Failure	

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GASTROENTEROLOGY & HEPATOBIILIARY	11th	History taking and examination of the gastrointestinal systems (Bedside)	
		Acute viral hepatitis	
		Gastrointestinal bleeding	
	12th	Abdominal Pain include IBS	
		Liver cirrhosis and complications	
		Chronic Diarrhea	
	13th	History taking and examination of the gastrointestinal systems (Bedside) (2Lectures)	
		Esophageal diseases	
		Inflammatory bowel disease	
		Abnormal liver enzymes with selected common liver diseases	
14th			
15th	Medicine Midterm Sunday 24/12/2017		
16th	Medicine OSCE Male Wednesday 3/1/2017 Female Thursday 4/1/2017		



Third year lectures (First semester) & Deadlines

System	Week	Surgery	
Introduction	1 st	Principles of History Taking in Surgery	
		Principles of History Taking in Surgery (Practical)	
		Introduction to Surgery	
	2 nd	Emergency in Urology (Part1)	
		Principles of Taking History (Bedside) (2 Lectures)	
CVS & Pulmonary	3 rd	Atherosclerosis, (PAD+carotid stenosis)Acute Limb Ischemia	
		Adult urinary tract disorders	
		History and examination of the cardiac system (Bedside)	
	4 th	Common urogenital tumors incl. Adrenals	
		History taking and examination of the cardiac and the respiratory system(Bedside)	
		Sterilization & operating room setup	
		Principles of History Taking in Surgery (Bedside)	
	5 th	Shock and metabolic response to surgery	
		History taking and examination of the cardiac and respiratory systems (Bedside) (2 Lectures)	
		Cardiac surgical disease	
	6 th	Presentation & management of common thoracic diseases	
		History taking and examination of the cardiac and respiratory systems (Bedside)	
		Atherosclerotic diseases	
Surgical infections & antibiotic			
7 th	Vascular investigations		
	History taking and examination of the cardiac and respiratory systems (Bedside)		
Nephrology	8 th	History and examination of the urinary system (Bedside)	
		Wound healing & wound infection/Injuries due to burn	
	9 th	Blood products & transfusion	
		Examination of Urology & Nephrology (Bedside)	
		Emergency in Urology (Part 2)	
	10 th	Paediatric inguinal & scrotal conditions	
		History taking and examination of the urinary system (Bedside)	
		IV fluids and acid base disorder	
		Paediatric urinary disorders	

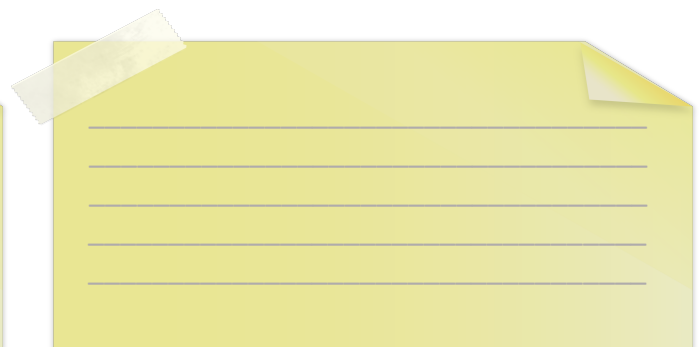
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GASTROENTEROLOGY & HEPATOBIILIARY	11 th	Acute Abdomen (perforated DU,SBO,mesenteric ischemia,appendicitis)	
		History taking and examination of the gastrointestinal systems (Bedside)	
		Esophageal diseases	
	12 th	Approach to Surgical Abdominal Problem in Pediatric	
		Examination of abdomen (Bedside)	
		Stomach & duodenum	
	13 th	Differential diagnosis of abdominal masses& abdominal hernias	
		History taking and examination of the gastrointestinal system (Bedside)	
		Portal hypertension& common surgical diseases of the liver	
		Colorectal cancer	
	14 th	Pancreatic problems	
		Anorectal conditions	
		History taking and examination of the gastrointestinal system (Bedside)	
		Inflammatory bowel disease (IBD)	
Biliary obstruction and Biliary stones			
	History taking and examination of the gastrointestinal systems (Bedside)		
15 th			
16 th	Surgery midterm Sunday 31/12/2017		
	Surgery OSCE Male Thursday 4/1/2017 Female Wednesday 3/1/2017		



Third year lectures (First semester) & Deadlines

Week	Medical informatics	
1 st	Introduction to Medical Informatics	
	Introduction to Medical Informatics	
2 nd	Clinical Data, Databases and Big Data	
	Introduction to Medical Informatics (Tutorial)	
3 rd	Clinical Data (Tutorial)	
	Electronic Health Records	
4 th	Electronic Health Record (Tutorial)	
	CPOE	
5 th	CPOE (Tutorial)	
	DSS	
6 th	Ethics and Confidentiality	
	DSS (Tutorial)	
7 th	MIDTERM EXAM Sunday 29/10/2017	
	Ethics (Tutorial)	
	Ethics (Training)	
8 th	Consumer Health Informatics	
	Reducing Medical Error	
9 th	Workshop Patient Safety	
10 th	Consumer Health Informatics (Tutorial)	
	Imaging Informatics	
11 th	Imaging Informatics (Tutorial)	
	Reducing Medical Error (Tutorial)	
12 th	Appraisal workshop	
13 th	CIS Presentation Day	
	E-Sihi Workshop	
14 th	Clinical Informatics as career for physicians	
15 th		
16 th		
17 th	Final EXAM Thursday 11/1/2018	



Third year lectures (First semester) & Deadlines

System	Week	Radiology	
Introduction	1 st	Introduction to radiology	
	2 nd	Contrast Media and safety in Radiology	
CVS & Pulmonary	3 rd	Radiological anatomy of the cardio-respiratory	
	4 th	Radiological anatomy of the cardiorespiratory	
	5 th	Radiology of the respiratory diseases	
	6 th	Radiology of the cardiac diseases	
	7 th	Radiology of the cardiorespiratory diseases (interactive lecture)	
Nephrology	8 th	Radiological anatomy and investigations of urinary system	
	9 th	Radiology of urinary system diseases	
	10 th	Radiology of urinary system diseases (interactive lecture)	
GASTROENTEROLOGY & HEPATOBILIARY	11 th	Radiological anatomy and investigation of the GIT	
	12 th	Radiological and investigation of hepato-biliary system	
	13 th	Radiology of diseases of the gastrointestinal tract	
	14 th	Radiology of diseases of the hepato-biliary system	
		Interactive lecture of the gastrointestinal and hepato-biliary system	
	15 th	Midterm Exam Tuesday 26/12/2017	



Third year lectures (First semester) & Deadlines

Week	Community medicine	
1 st	Introduction to community and preventive medicine	
2 nd	Epidemiological triad	
3 rd	Natural history of disease	
	Health indicators	
	Health Indicators (Tutorial)	
4 th	Introduction of Communicable Disease epidemiology	
5 th	Concepts of Prevention & Control of Communicable diseases	
	Principles of Immunization	
6 th	Epidemiology of HIV/AIDS	
	Epidemiology of Hepatitis	
7 th	Cardiovascular diseases	
	Hajj & Health + Compulsory Vaccination schedule in KSA + Epidemiology of influenza	
8 th	Epidemiology tuberculosis	
9 th	Epidemiology Malaria	
	Epidemiology Ebola	
10 th	Outbreak Investigation	
	Outbreak Investigation (Tutorial)	
11 th	Reporting & Surveillance	
	Notification/Reporting & Surveillance (Tutorial)	
12 th	Screening	
13 th	Demography concepts & Population Pyramid	
	Population Dynamics & Demographic Transition	
14 th	Physical Activity	
	Tobacco Use	
	Introduction to Non-communicable Disease (NCDs)	
15 th		
16 th		
17 th	Midterm Exam Tuesday 9/1/2018	



Third year lectures (First semester) & Deadlines

Week	Research	
1 st	Introduction to research methods: Why do we need research?	
	How to develop a research protocol?	
2 nd	Research questions, objectives & hypotheses	
	Ethics in Health Research	
	Supervisor Agreement Form Thursday 28/9/2017	
3 rd	Introduction to Study Designs	
	Measures of Disease Frequency, Effect & Impact	
	Cross Sectional Study Design	
4 th	Case Control study Design	
	Study title, question, objectives, hypothesis, and study design Thursday 12/10/2017	
5 th	Cohort Study Design	
	Experimental Study Design	
	What is Plagiarism? How to avoid it?	
	Writing an Introduction of a research protocol	
6 th	Midterm Exam Sunday 22/10/2017	
	Qualitative study design	
	Tools for data collection: Using Questionnaire & other tool	
7 th	Sample Size Estimation	
	How to write materials & Methods Section of a Research Protocol	
	Sampling techniques	
8 th	Institutional Review Board(IRB) application for Ethical Approval	
9 th	Basic concepts and terminology in biostatistics	
	Description Data I (Summary measures/central tendency)	
	Description of Data II (Measures of Variability/Normal distribution)	
10 th	Statistical Significance Date I (P value)	
11 th	Statistical significance of Data II(95% CI)	
	- Protocol Submission for Ethical Review Committee Sunday 26/11/2017	
	- Evaluation by Supervisor (Form A) Sunday 26/11/2017	
12 th	Statistical tests for quantitative variables	
	Statistical tests for qualitative variables	
14 th	Data interpretation	
	How to write Results & Discussion?	
	Scientific writing and report writing	
15 th		
16 th		
17 th	Final Exam Sunday 7/1/2018	

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Exams dates			Objectives/files
15 th	Medicine	Sunday 24/12/2017	Objectives
	Radiology	Tuesday 26/12/2017	
16 th	Surgery	Sunday 31/12/2017	Objectives
	OSCE Males Medicine	Wednesday 3/1/2018	
	OSCE Females Surgery	Wednesday 3/1/2018	
	OSCE Males Surgery	Thursday 4/1/2018	
	OSCE Females Medicine	Thursday 4/1/2018	
17 th	Research	Sunday 7/1/2018	Deadlines & Forms
	Community medicine	Tuesday 9/1/2018	
	Medical informatics	Thursday 11/1/2018	

Done by: هشام الغفيلي

For any mistake please let me know at HeshamAlghofili@gmail.com

Good Luck!