

Course Specification Card for Internal Medicine 2

College	College of Medicine	Department	Medical Education		
Course Name (English)	Internal Medicine 2	Course Name (Arabic)	الطب الباطني ٢		
Course Number	1000-501	Course Code	1000-501		
Credit Hrs.	4	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		24	40	64
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
Course Nature	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective				
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input checked="" type="checkbox"/> Program Requirement				
Level	Year 5	Pre-Requisite(s)	Internal Medicine 1		

Course Description

The Core Clerkship/rotation in Internal Medicine provides the foundation for all clinical learning, which you will need throughout clinical career.

Length: 4 weeks. - Site: Hospital / College.

Orientation at the start of the clerkship: this includes an introduction to the key faculty and, a tour of the facilities, distribution of schedules, discussion of the expectations and responsibilities of the clerk, the general department and student schedule and the assignment to residency teams and preceptors.

Schedule: all day Sunday through Thursday. Approximately 30% of the Clerkship should be allocated to protected academic time for teaching conferences and structured independent study.

Attending morning meetings at least one time per week.

Faculty session at least two hours daily (case presentation during bedside teaching) to include case presentation by students and bedside rounds. These sessions should include a teaching physician and students only. - A minimum of two clinical write-ups per student based on a detailed history and physical examination of patients. In, all students should review relevant laboratory and imaging data and include a complete database and problem list; diagnostic, therapeutic and educational plans; and an assessment on each aspect of the case. This assessment should require considerable supplementary reading. The preceptor/faculty must read and critique these write-ups and return them to the student in a timely fashion.

Also, the student should participate in seminars which under the faculty supervision in selected topics on daily basis.

Topics

- 1-Cardiac history and examination
- 2- Investigations in cardiology
- 3- Cardiac arrhythmia
- 4- coronary artery disease
- 5- Rheumatic heart disease
- 6- congenital heart disease
- 7- Valvular heart disease
- 8- Pericardial disease
- 9- Myocardial disease
- 10-Systemic hypertension
- 11- Peripheral vascular disease
- 12-Pulmonary embolism

Learning Outcomes

- **knowledge:**

Demonstrate knowledge of the principal syndromes and illnesses in Internal Medicine, their underlying causes both medically and socially and the various diagnostic and therapeutic options available to physicians in the care of their patients.

Demonstrate knowledge of the indications for and the ability to interpret standard diagnostic tests, e.g.

<p>13-History taking and examination of the pulmonary system 14-Investigations for the pulmonary system 15-Chronic obstructive pulmonary disease 16-Approach to patient with cough 17-Bronchial asthma 18-Bronchiectasis 19-Pneumonia and Tuberculosis 20-Bronchogenic carcinoma 21-Interstitial lung disease 22-Pleural effusion 23-Pneumothorax 24-Pulmonary hypertension 25-acute respiratory distress syndrome 26-History taking and examination for gastrointestinal disease 27- Investigations in GIT 28-Oesophageal disorders 29-GIT bleeding/PUD 30-Constipation and its differentials /diverticulosis 31-Diarrhea/viral induced 32-Differential diagnosis of steatorrhea /malabsorption 33-Acute abdomen and its differentials 34-Liver cirrhosis/ viral hepatitis 35-Pancreatitis / Pancreatic tumors 36- Patient with abnormal liver profile 37- History taking and examination of common Endocrinal disorders 38-Disorders of the thyroid gland 39- Diabetes 40- Adrenal disorders 41- Pituitary disorders 42- Disorders of calcium metabolism 43-History taking and examination of common infectious diseases 44-Immunocompromised patient HIV/AIDS 45-Sepsis/antimicrobial therapy 46-PUO 47- Brucellosis and enteric fever 48- Filariasis and leishmaniasis 49- History taking and examination of common haematological disorders 50-Haematological malignancy 51-Pallor/Anemia 52-Bleeding/Platelet disorders 53- History taking and examination of common kidney diseases 54- Patient with abnormal urine findings 55- Kidney in systemic diseases 56- History taking and examination of common rheumatologically disorders 57- Rheumatoid arthritis, SLE and connective tissue disorders 58-Approach to multisystem diseases</p>	<p>CBC, chemistries, chest x-rays, urinalysis, ECGs, as well as other relevant specialized tests.</p> <p>Recognize unusual presentations of disease in elderly patients and demonstrate understanding of the complexity of providing care for the chronically ill with multiple medical problems. Demonstrate knowledge of the indications for various levels of care post-discharge, e.g., short, and long-term rehabilitation, long-term skilled nursing facility care, home care, etc.</p> <ul style="list-style-type: none"> • Skills: <p>Take a comprehensive history and perform a complete physical exam; formulate a differential diagnosis and therapeutic plan, employing concern for risks, benefits, and costs.</p> <p>Document clearly and proficiently.</p> <p>Demonstrate facility in communication with patients, families, and other caregivers in a culturally competent manner.</p> <p>Analyze and document additional clinical information, lab tests and changes in patients' clinical status; note changes in the differential diagnosis or in the diagnostic or therapeutic plans as circumstances and test results themselves change. Observe more complex procedures such as thoracentesis, lumbar puncture, and central line insertion and ventilator management.</p> <ul style="list-style-type: none"> • Values <p>Demonstrate a regimen of independent learning through the reading of suggested basic texts, research via the Internet and through other electronic resources, e.g., Up-To-Date. Demonstrate a commitment to quality, patient safety and self-directed improvement. Demonstrate competency and comfort in dealing with people of varying racial, cultural, and religious backgrounds.</p> <p>Demonstrate a commitment to treating all patients, families, and other caregivers with respect.</p>					
Assessment Tools	<input type="checkbox"/> Periodic Exams	%	<input type="checkbox"/> Short Exams	%	<input checked="" type="checkbox"/> Final Exam	%70

	<input checked="" type="checkbox"/> Individual Assignments	%15	<input checked="" type="checkbox"/> Group Assignments	%5	<input type="checkbox"/> Oral Participations	%
Main Reference	<ul style="list-style-type: none"> ▪ <i>Kumar_and_Clark_s_Clinical_Medicine10th_Edition</i> 					
Supporting References	<ul style="list-style-type: none"> ▪ Macleod's. clinical examination 					