Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program and Course Description Guide

2024-2025

وزارة التعليم العالي والبحث العلمي

جهاز الاشراف والتقويم العلمي

دائرة ضمان الجودة والاعتماد الاكاديمي

استمارة وصف البرنامج الاكاديمي للكليات والمعاهد

الجامعة: القادسية

الكلية : الطب

القسم العلمي: الباطنية

تاريخ مليء الملف: ١ / ٩ / ٢٠٢٤

التوقيع:

اسم رئيس الفرع: ا.د راضي فرهود شلاش

التاريخ:

التوقيع:

اسم المعاون العلمي:ا.د عدنان حمد الحمداني

التاريخ:

دقق الملف من قبل

شعبة ضمان الجودة وتقويم الاداء

ا.د انوار جاسب ثعبان

التاريخ: / / ٢٠٢٤

التوقيع:

مصادقة السيد عميد كلية الطب

ا.د عقيل رحيم البرقعاوي

التوقيع:

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التوقيع:

1. Program Vision

Seeking to make the College of Medicine in Al-Qadisyiah University a distinguished college among the medical colleges in Iraq in the field of medical education. Additionally, to make it has a clear imprint in promoting the health field in the Iraqi community and works to provide distinctive proposals and views for basic and clinical medical sciences to ensure meeting the health needs of the community at the local and national levels.

2. Program Mission

Al Qadisiyah medical college aims at producing medical doctors that are able to participate effectively in the health care delivery system whether in Iraq or any other country
The curriculum is designed to provide students with the necessary knowledge, skills and attitudes in order to function as safe doctors and have the baseline for lifelong learning in the medical field in the future
The teaching methods are guided by learning objectives that ensure delivering basic biomedical, behavioral and social and clinical subjects which help creating an efficient junior doctor who is competent, motivated and professional.
It is a well-established strategy that students are heard and welcomed to provide feedback about different aspects of the learning process and they are considered as an essential part in the decision making in the college used for continuous planning for improvement of the whole institution.

3. Program Objectives

Graduating distinguished doctors and rehabilitating them scientifically, professionally and ethically so that they can provide health and medical care to individuals, families and society on sound scientific bases and in accordance with the noble moral, social and humanitarian values with great interest in primary health care
- Developing curricula, teaching aids and methods to improve quality based on international quality standards and academic accreditation
- Achieving accreditation through the institutional capacity standards of the college. Achieving academic accreditation standards for student and graduate programs offered by the college
Continuous support for distinguished cadres of faculty members through an academic environment that encourages production and creativity
θ Continuous development of the scientific research system to identify and diagnose major health problems in the community, propose appropriate scientific solutions to them, and keep pace with development in basic and clinical medical sciences.

4. Program Accreditation

An application has been made for national accreditation for medical colleges

5. Other external influences

Not found

1. Course Name:
Medicine
2. Course Code:
MED 6201
3. Semester / Year:
4 clinical training courses **(Medicine ,Surgery , Pediatric, Gynecology and Obstetrics)**
4. Description Preparation Date:
1/9/2024
5. Available Attendance Forms:
Attendance sheet
6. Number of Credit Hours (Total 360h) / Number of Units (Total 12 unit)
12 weeks (total 360h) /12 unit
7. Course administrator's name (mention all, if more than one name)
Name: Email:

UNIVERSITY OF Al-Qadisiyah University
Faculty of Medicine
Department of Internal Medicine
YEAR SIX

Course Specifications

Course title: Internal medicine for the 6th year students

Code: MED 6201

Sixth academic year of M.B. B.Ch. program 2024

A) Basic Information:

Allocated marks: 100 marks.

Course duration 12 weeks x 3 groups

Teaching hours for each group: 360 hours

Attendance / Absence

Students are required by university regulations to be present during daytime from 8:00 a.m. till 2:30 p.m.

Student attendance is compulsory. This means that you are required to attend all:

• Clinical teaching sessions

• Formative assessment and review sessions

Students who fail to attend for any reason is instructed to notify the secretary and give the reason why he/she was unable to attend.

Failure of students to attend (unauthorized absence) for 10% of total weeks is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy dean and if absence reached 15% the student is subjected to further disciplinary action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

Professional Information:

1. Program Aims

The aim of the program is to provide the graduate with educational experience necessary for further training and practice in medicine through:

1. A core body of scientific knowledge, skills and attitudes essential for the practice in medicine.
2. Diagnostic, problem solving and decision-making skills necessary for proper evaluation and management of common diseases and emergencies.
3. Awareness and participation the social and community aspects of health care.
4. Appropriate ethical and professional skills necessary for establishment of excellent communication with patients and colleagues.
5. Lifelong learning competencies necessary for continuous professional development.

2. Academic Standards

The Intended Learning Outcomes (ILO's) of the present program are developed to satisfy the National Academic Reference Standards (NARS) for Bachelor degree of medicine published by the National Authority for Quality Assurance and Accreditation of Education.

3. Intended Learning Outcome

a. Knowledge and Understanding

By the end of the program, the graduate will gain knowledge and understanding to be able to:

a. 1 Describe the common medical problems presenting to doctors – in primary health care setting, hospital and community - their diagnosis, prevention and treatment.

a. 2 Classify disease in terms of mental, functional and physical processes.

a. 3 Identify the developmental changes in humans and the effect of growth and aging on individuals and their family.

a. 4 Identify the developmental changes in humans and the effect of growth and aging on individuals and their family.

Describe the clinical manifestations and differential diagnosis of common medical disorders with an emphasis on the incidence of the different manifestations and their relative importance in establishing diagnosis, and the early manifestations of serious diseases (e.g. malignancy, emergencies …etc)

a. 5 Describe the theoretical basis of professional and practical skills.

a.6 Describe the normal aging process in terms of physiologic and clinical manifestations and identify age related diseases and variable causes of disability in old age.

a.7 Point out appropriate measures for prevention of diseases.

a.8. Describe the role of genetics in health and disease and the basic principles of gene therapy and genetic counselling.

a.9. Describe the basics of ethics.

a.10. Identify the determinants of health, principles of health promotion, disease prevention, early detection and control of common community health problems including disease surveillance and screening.

a.11. Recognize basics of health and patient's safety during clinical practice.

a.12. Define the principles of management and appropriate quality concepts and processes required for healthcare facilities.

b. Practical and Clinical Skills

By the end of the program, the graduate will be able to:

b. 1 Demonstrate basic sciences' practical skills relevant to the future practice and acquire practical, clinical skills and competencies.

b.2 Take and record a structured patient-centered history, appropriate depth and detail, relative to the clinical context.

b.3 Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.

b.4 Recognize urgent life-threatening conditions, and compose appropriate initial plan of

management for stabilization of the critically ill patient.

b.5 Safely perform routine diagnostic and therapeutic procedures, including life support.

b.6 Construct appropriate management strategies both diagnostic and therapeutic for patients with common acute and chronic diseases.

b.7 Compose an initial plan of management for stabilization of critically-ill patients.

b.8 Provide first aid measures for injured and critically-ill patient.

b.9 Work out drug dosage based on patient's criteria and health condition.

b.10 Write safe prescriptions of different types of drug .

b.11 Conduct community diagnosis for prioritization of community health problems.

b.12 Use appropriate sterile technique, Comply with and use universal precautions

Procedures and technical skills acquired under appropriate supervision during undergraduate:

By the end of the program, the graduate will acquire the model-based skills (using manikin and simulators) required to:

b.13 Perform venipuncture and collect blood samples.

b.14 Insert a cannula into peripheral veins.

b.15 Practice enteral, parenteral, inhalation and topical methods for drug administration

b.16 Demonstrate competency in cardiopulmonary resuscitation and basic life-support.

b.17 Perform and interpret ECG.

b.18 Perform and interpret basic respiratory function tests.

b.19 Use a nebulizer for administration of inhalation therapy.

b.20 Administer basic oxygen therapy.

b.21 Insert a naso-gastric tube.

b.22 Perform bladder catheterization.

b.23 Perform and interpret basic bedside laboratory tests.

b.24 Adopt suitable measures for safety and infection control.

c. Professional Attitude and Behavioral Skills

By the end of the program, the graduates will acquire the skills required to

c.1 Adopt an empathic and holistic approach to the patient and their problems, taking into consideration beliefs values, goals and concerns.

c.2 Respect the patient's right to know and share in decision making as well as dignity, privacy, information confidentiality and autonomy.

c.3 Understand and respect the different cultural beliefs and values regardless of their disabilities in the community they serve.

c.4 Recognize the important role played by other health care professions in patients' management, respecting their contributions in patient's management regardless of degree or occupation.

c.5 Apply the national code of ethics issued by the Iraqi Medical Syndicate.

c.6 Respect and follow the institutional code of conduct.

c.7 Counsel patients suffering from different conditions as well as their families.

c.8 Recognize one's own limitations of knowledge and skills referring patients to appropriate health facility at the appropriate stage.

d. Communication Skills:

By the end of the program, the graduate will be able to:

d.1 Communicate clearly, sensitively and effectively with patients and their relatives and colleagues from a variety of health and social care professions.

d.2 Communicate effectively with individuals regardless of their social, cultural, ethnic backgrounds, or their disabilities.

d.3 Cope with situations where communication is difficult including breaking bad news.

d.4 Show compassion to patients and their relatives in situations of stress and grief.

d.5 Honor and respect patients and their relatives, superiors, colleagues and any other member of the health profession.

d.6 Use communication styles to bring about behavioral change.

e. Intellectual Skills

By the end of the program, the graduate will acquire the skills required to:

e 1.Analyze symptoms & signs and construct a differential diagnosis for common presenting

complaints.

e.2 Design an appropriate diagnostic plan for evaluation of common presenting complaints which is appropriate in terms of the differential diagnosis, the severity of the clinical situation and the risks, benefits and costs to the patient.

e3. Accurately interpret the results of commonly used diagnostic procedures.

e.4 Combine clinical and investigational data with evidence-based knowledge for clinical problem solving.

e.5 Identify risk factors for disease processes and injury, and institute the appropriate diagnostic, preventive, and therapeutic interventions.

e.6 Determine the different strategies for risk management of disease and injury.

e.7 Identify the indications and logistics of referring patients to higher levels of experience or specialization as a principle for the family doctor (GP).

e.8 Construct treatment plan, incorporating his knowledge, best available evidence, and patient's preferences in a cost effective manner.

e.9 Recognize and cope with uncertainty that is unavoidable in the practice of medicine by accepting and reacting to uncertain situations through proper counseling, consultation and referral.

f. General and Transferable Skills

By the end of the program, the graduate will acquire the skills required to:

f.1 Adopt the principles of lifelong learning needs of the medical profession (continuous professional development; CPD).

f.2 Use computers efficiently in reaching biomedical information to remain current with advances in knowledge and practice.

f.3 Present information clearly in written, electronic and verbal forms

f.4 Communicate ideas and arguments effectively.

f.5 Work effectively within a multidisciplinary team.

f.6 Manage time and resources effectively and set priorities.

f.7 Apply simple statistical methods.

f.8 Apply English language as needed for appropriate learning and communication in relation to medicine.

4- A)The time table of topics of clinical course

1. 1st week: Cardiovascular diseases

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Adopt suitable measures for safety and infection control	Patient safty	Case presentation bed-side teaching	Perform venipuncture and collect blood samples.	Clinical Approach to major cardiac symptoms	Cardiology Investigations Cardiac enzymes
Monday	Case presentation Take and record a structured patient-centered history	Case presentation full physical examination appropriate to age and gender in acute and chronic clinical conditions.	ECG	Perform venipuncture and collect blood samples.	Valvular Heart Diseases and Adult Congenital Heart Disease	Infective Endocarditis
Tuesday	Case presentation	Case presentation	X-ray	Perform and interpret ECG	Myocarditis	Cardiomyopathy
Wednesday	Case presentation	Case presentation	Calcium Hemostasis	Perform and interpret ECG	Pericardial diseases	EBM
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Cardiomyopathy	EBM

2nd week: Cardiovascular diseases

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Take and record a structured patient-centered history	Case presentation full physical examination appropriate to age and gender in acute and chronic clinical conditions.	pulse oximetry	Ischemic Heart Diseases	urgent life-threatening conditions, and compose appropriate initial plan of management for stabilization of the critically ill patient
Monday	Case presentation	Case presentation	Case presentation	Insert a cannula into peripheral veins.	Cardiovascular Drugs	safe prescriptions of different types of drug
Tuesday	Case presentation	Case presentation	Case presentation	Insert a cannula into peripheral veins.	Peripheral Vascular Disease	Emergency Medicine Cardiopulmonary Resuscitation (CPR)
Wednesday	Case presentation	Case presentation	Case presentation	Perform and interpret ECG	Arrhythmias	Emergency Medicine Cardiopulmonary Resuscitation (CPR)
Thursday	Case presentation	Case presentation	Case presentation	Problem solving.	Hypotension	Emergency first aid measures for injured and critically-ill patient Medicine

3rd week Respiratory diseases

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Take and record a structured patient-centered history	Case presentation full physical examination appropriate to age and gender in acute and chronic clinical conditions.	Pulmonary Function Tests	Perform and interpret basic respiratory function tests.	Clinical Approach to major chest symptoms	Investigation of pulmonary diseases
Monday	Case presentation	Case presentation	CX-ray	Perform and interpret basic respiratory function tests.	Bronchial asthma	Drugs in bronchial asthma
Tuesday	Case presentation	Case presentation	CX-ray	Arterial Blood Gas (ABG) Sampling	COPD	Arterial blood gases
Wednesday	Case presentation	Case presentation	Emergency Medicine	Use a nebulizer for administration of inhalation therapy.	Pleural diseases Pleural fluid	Suppurative lung disease
Thursday	Case presentation	Case presentation	Emergency Medicine	Administer basic oxygen therapy.	Occupational lung diseases	Pulmonary embolism

4th week respiratory diseases

Day	8:30-9:30	9:30-10:30	Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation		CXR	Administer basic oxygen therapy.	Upper Respiratory tract infection	Pneumonia
Monday	Case presentation		Case presentation	Cardiopulmonary Resuscitation (CPR)	Pulmonary hypertension	Cor-pulmonale
Tuesday	Case presentation	Case presentation	Case presentation	Cardiopulmonary Resuscitation (CPR)	Respiratory Failure	Mediastinal diseases
Wednesday	Case presentation	Case presentation	Problem solving	Practice enteral, parenteral, inhalation and topical methods for drug administration	Lung and pleural cancer	EBM
Thursday	Case presentation	Case presentation	Problem solving	Practice enteral, parenteral, inhalation and topical methods for drug administration	Lung affection in systemic diseases	Emergency Medicine

5th week : Gastroenterology

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	Case presentation	Insert a naso-gastric tube.	Clinical Approach to major Gastrointestinal symptoms	Investigations of the GIT Diseases of the esophagus & GERD
Monday	Case presentation	Case presentation	EBM	Insert a naso-gastric tube.	Clinical approach to a patient with acute abdominal pain.	Diseases of the stomach and the duodenum Dyspepsia Gastritis Peptic ulcer disease
Tuesday	Case presentation	Case presentation	Problem solving	Perform and interpret basic bedside laboratory tests.	Inflammatory bowel diseases	Irritable bowel syndrome
Wednesday	Case presentation	Case presentation	Case presentation	Emergency Medicine	Clinical approach to a patient with G.I.T bleeding.	Intestinal Ischemia
Thursday	Case presentation	Case presentation	safe prescriptions of different types of drug	Emergency Medicine	Neoplasm of the GIT	Diarrhea and Mal-absorption

6th week: Hepatology

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	Jaundice	Investigations of the liver
Monday	Case presentation	Case presentation	Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.	Perform full physical examination appropriate to age and gender in acute and chronic conditions.	Liver cirrhosis Acute fulminant Hepatic failure	Ascites and ascetic fluid ,Chronic liver failure ,Portal hypertension
Tuesday	Case presentation	Case presentation	EBM	Problem solving	Acute viral hepatitis. Hepatic amebiasis	. Chronic hepatitis Hepatitis markers
Wednesday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Primary biliary cholangitis	Wilson's disease Chronic autoimmune hepatitis
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Drugs and Non Alcoholic Fatty Liver Diseases	Vascular diseases of the liver, Hepato-renal syndrome

7th week : Endocrinology and metabolism

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	**Case presentation**	**Case presentation**	**structured patient-centered history, appropriate depth and detail, relative to the clinical context.**	**Thyroid function tests Lab.**	**Hypothyroidism Hyperthyroidism and thyrotoxicosis**	**Tyroiditis Thyroid nodules**
Monday	**Case presentation**	**Case presentation**	**Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.**	**Lipid profile Plasma proteins Lab.**	**Cushing Syndrome, Clinical approach to an obese patient.**	**Hyperaldosteronism ,Thyroid carcinoma**
Tuesday	**Case presentation**	**Case presentation**	**Problem solving**	**EBM**	**Acromegaly Adrenocortical insufficienc**	**hyperprolactinemia Pheochromocytoma**
Wednesday	**Case presentation**	**Case presentation**	**Emergency Medicine**	**Blood sugar and Hb1Ctest Lab. Use of glucometer**	**D.insipidus SIADH Hypopituitarism, Dyslipidaemia**	**Clinical approach to a patient with diabetes mellitus.**
Thursday	**Case presentation**	**Case presentation**	**Emergency Medicine**	**Insulin administration**	**Diagnosis of diabetes ,approach to ketoasidosis**	**Hypoglycaemia and Insulinoma**

8th week: HEMATOLOGY

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	Hematological tests Lab.	Major Manifestations of Blood Diseases Anemia	Investigations of blood diseases Leukemia
Monday	Case presentation	Case presentation	Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.	Blood group Mach Lab.	Myeloproliferative diseases Lymphoma	Plasma cell disorders Bleeding disorders
Tuesday	Case presentation	Case presentation	EBM	Transfusion medicine	Transfusion medicine	Transfusion medicine
Wednesday	Case presentation	Case presentation	Emergency Medicine	Blood transfusion	Immunodeficiency disorders	The immune system: Introduction
Thursday	Case presentation	Case presentation	Emergency Medicine	Problem solving	Venous thromboembolism	Transplantation immunology

9th week : Infectious Diseases

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	Adopt suitable measures for safety and infection control.	Infection in immunocompromised patients	Major manifestations of infection Clinical approach to a patient with fever of un known origin.
Monday	Case presentation	Case presentation	Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.	Adopt suitable measures for safety and infection control	Antibiotic and chemotherapeutics	Antibiotic and chemotherapeutics
Tuesday	Case presentation	Case presentation	EBM	Perform and interpret basic bedside laboratory tests.	DNA viruses : Herpes simplex, Epstein-Bar, Varicella Zoster virus	RNA viruses: Influenza, Poliomyelitis, Rabies, HIV Cytomegalovirus,
Wednesday	Case presentation	Case presentation	Problem solving	Serology tests of infection Lab.	Bacterial infections Gram positive bacteria: Strep. infection, Staph. infec.	Protozoa infections (malaria, amebiasis, giardiasis, leishmaniasis)
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Gram negative bacteria:), Brucellosis,	Cholera Salmonella (Typhoid

10.10th week Nephrology

Day	8:30-9:30	9:30-10:30	10:30-11:30 Tutorial / Small Group Discussion	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	Renal function tests Lab. Urine analysis Kidney function tests	Investigations of renal diseases Glomerular diseases	Major Clinical Manifestations of Renal Disease
Monday	Case presentation	Case presentation	Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.	Perform bladder catheterization	Clinical approach to a patient with renal failure.	Tubular and interstitial diseases Chronic Renal Failure
Tuesday	Case presentation	Case presentation	EBM	Plane UT ,IVP	Renal involvement in Systemic diseases	Renal replacement therapy Drugs and the Kidney
Wednesday	Case presentation	Case presentation	Problem solving	Plane UT ,IVP	Acid Base Balance	Infections of the Kidney and Urinary Tract
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Water and Electrolyte balance	Renal Vascular Diseases

11th week: Neurology

Day	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	structured patient-centered history, appropriate depth and detail, relative to the clinical context.	CSF	Cerebro-vascular stroke Cerebro-vascular stroke	Investigations of Neurological diseases Headache and facial pain
Monday	Case presentation	Case presentation	Perform full physical examination appropriate to age and gender in acute and chronic clinical conditions.	CSF Medication Administration - Routes of administration (oral, IV, IM, SC) - Dosage calculations - Medication safety	Major manifestations of neurological diseases Multiple sclerosis	Peripheral neuropathy CNS Infections Seizures and epilepsy
Tuesday	Case presentation	Case presentation	Case presentation	CSF	Extra-pyramidal diseases	The cerebellum and Ataxias
Wednesday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Clinical approach to a patient with coma.	EBM
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Clinical approach to a patient with dementia	Problem Solving

12th week: Emergency Medicine

Day	8:30-9:30	9:30-10:30	10:30-11:30	11:30-12:30 Procedures and technical skills	12:30-1:30 Seminars	1:30-2:30 Team Based Learning (TBL):
Sunday	Case presentation	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Emergency Medicine
Monday	Case presentation	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Emergency Medicine
Tuesday	Case presentation	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	Emergency Medicine
Wednesday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	MCQ	EBM
Thursday	Case presentation	Case presentation	Emergency Medicine	Emergency Medicine	MCQ	Problem Solving

5-B) Tutorial / Small Group Discussion

1. ECG
2. X-ray
3. Calcium Hemostasis
5. Pulmonary Function Tests
6. Thyroid function
7. Diagnosis of diabetes
8. Lipid panel
9. Arterial blood gases
10. Liver function test
11. Hepatitis markers
12. Urine analysis
13. Kidney functions
14. Serum electrolytes
15. Pleural and ascetic fluid

16. Plane UT ,IVP
17. Cardiac enzymes
18. Plasma proteins
19. CSF
20. Serology of collagen vascular, Widal, Brucella
21. Problem solving
22. MCQ.

5-C) Seminars

1. Clinical approach to patients with chest pain
1. Clinical approach to patients with metabolic bone disease.
2. Clinical approach to patients with polyarthritis.
3. Clinical approach to an obese patient.
4. Clinical approach to a patient with renal failure.
5. Clinical approach to a patient with diabetes mellitus.
6. Clinical approach to a patient with generalized lymphadenopathy.
7. Clinical approach to a patient with fever of un known origin.
8. Clinical approach to a patient with coma.
9. Clinical approach to a patient with G.I.T bleeding.
10. Clinical approach to a patient with acute abdominal pain.
11. Clinical approach to a patient with dementia
12. Antibiotic and chemotherapeutics

Teaching and learning methods :

1. Small group teaching for clinical skills
2. Tutorials
3. Clinical classes
4. Problem solving
7. Seminars

8. Students are always invited to attend and share in all the internal medicine departmental activities: Conferences (indoors and outdoors), departmental staff rounds, and Grand rounds. Clinical rounds: The students are divided into 3 groups ,each group spend 12 weeks in the clinical sections successively through the year ,further more each group is distributed all over the internal medicine units in equal numbers . 8 hours / week is the time available for the clinical teaching in every section.

A certain topic is suggested and a group of students share to make a search to cover the topic in an advanced up to date method then they are asked to present their topic in front of their colleagues and supervising professor to run out a group discussion.

Assessment methods:

A) Assessment criteria:

According to the undergraduate Faculty bylaws the students should attend 75% of the total hrs as a prerequisite to attend any of the allocated exams.

B) Assessment TOOLS:

Tool	Purpose
Written examination	**To assess ILOs related to knowledge, understanding, higher intellectual skills & transferable skills**
Table Viva .Oral & . Practical examination	**To assess ILOs related to knowledge, understanding, higher intellectual skills, communication skills, professional skills and transferable skills**
Clinical examination	**To assess ILOs related to knowledge, understanding , higher intellectual skills, practical skills, technical skills, ethics, professional skills , communication skills & transferable skill**

5-D) GRADING SYSTEM:

Summative Assessment:

It is allowed after meeting the requirement of each training course It is important for ranking after graduation.

1-End course assessment

It differs according to the clinical course and may include a long case presentation or short case examination or written examination. It will be given 20% of the final score.

2- **Final comprehensive ministerial theoretical written exam** :

It is achieved through MCQ questions in form problem base and case sinario. It is given 40% of the final score.

3-Clinical Examination:

It is achieved by long case examination, OSCE and slide examination. It is given 40% of the final Score. As showed in table below

Examinations description:

Marks allocated	examination	parameters
20 degree	**End of the course/Clinical exam**	**OSCE, short cases، Slides, oral, Logbook**
40 degree	**Final comprehensive ministerial theoretical written exam**	**MCQ in the form of problem base and case sinario and most appropriate**
40 degree	**Final clinical exam**	**Long case ,OSCE, slides ,short cases**

Re-sit Examinations

Students who fail in a in the course will be required to re-sit (second sitting) the entire examination after 6 months ,in the same format and duration as the original or in an equivalent format as deemed appropriate by the examiners. Students, who fail at the second-sitting examination, will be allowed to re-sit the year with full attendance.

6- Learning resources:

- Department book
- Essential and recommended books (text books)
- DAVIDSON'S Principles and Practice of Medicine.
- Clinical Medicine KUMMAR and CLARK.
- 1000 MCQs for DAVIDSON'S Principles and Practice of Medicine.
- MCQs for Clinical Medicine KUMMAR and CLARK.
- HUTCHISON'S Clinical Methods.
- Clinical Examination, MACLEOD, MUNRO.
- A Guide to Physical Examination, Barbara Bates.
- Handout of lectures.
- National books approved by the Internal Medicine Council.
- CDs and Floppy disks in the electronic library

7- Teaching tools:

- Facilities used for teaching this course include:
- Lecture halls with audiovisual facilities.
- Small group classes for skills training.
- Skills labs.

❖ formative assessment (0 mark) and summative
❖ students base learning

6th year : Skills

- Nebulizer use
- Use a nebulizer for administration of inhalation therapy
- 2-pulse oximetry
- Basic life support
- IV drug administration
- Use of glucometer
- Electrocardiography (ECG)
- Electrode placement
- Recording and interpreting ECGs
- Nasogastric Tube Insertion
- Point-of-Care Ultrasound (POCUS)
- Basic techniques
- Applications in emergency and critical care
- Arterial Blood Gas (ABG) Sampling
- Technique
- Interpretation of results
- Cardiopulmonary Resuscitation (CPR)
- Medication Administration
- Routes of administration (oral, IV, IM, SC)
- Dosage calculations
- Medication safety
- Administer basic oxygen therapy
- Perform bladder catheterization
- Perform and interpret basic bedside laboratory tests.
- Adopt suitable measures for safety and infection control.
- Small groups share in patient management under supervisors.

1. Faculty						
Faculty Members						
Academic Rank	**Specialization**		**Special Requirements/Skills (if applicable)**		**Number of the teaching staff**	
	General	**Special**			**Staff**	**Lecturer**
5 prof	MBChB	Medicine				
2 Ass.prof	MBChB	Medicine				
2 Lecturer	MBChB	Medicine				

Professional Development

Mentoring new faculty members

One-on-one mentorship with a near-peer mentor. The department chair will assign new faculty a mentor who is in more of a peer position.

Professional development of faculty members

Teaching: Demonstrate an interest and growth in teaching

- Establish and maintain a teaching portfolio
- Classroom observations, student outcomes
- Become an effective advisor
- Other activities, e.g., undergraduate research, implement safe laboratory procedures, support co- or extra-curricular activities or events.

Professional Growth:

- Plan for publication or other significant professional activity, as appropriate for discipline.
- Participate in local or regional conferences or professional organization activities

1. Program Development Plan

1.Focusing mainly on making pathology lectures more interactive by asking the fundamental questions in pathology “how & why “
2. Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab
3. Focusing more on Sample questions: that should be posted weekly based on the learning objectives for the week for the students to study by themselves.

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
6th stage	MED 6201	Medicine	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**