



Republic of Iraq
Ministry of Higher Education and Scientific Research
University of Basrah
Al-Zahraa College of Medicine



- Al-Zahraa College of Medicine
- Year 6

Internal Medicine Block (6th year syllabus) الخطة العلمية لفرع الطب لطلبة المرحلة السادسة للعام الدراسي 2025-2024

Module staff:

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Dr Mazin Abd Hazaa

Dr Zuhair Abdulkareem

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Dr Ahmed Qassim

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Dr. Raghad Nabeel

Dr Atyaf Hamed

Dr Heba Saleh Abood

The Blocks Contents:

1. The Mental Health Care & Neurology Block:

- Neurological Disorder
- Psychiatry Disorder

2. The Older Persons and Chronic Care Block

- Chronic Disease
- Geriatric Giants
- Medical & Social Models of Health
- Death Certificate

3. The Hemato-Oncology Block

- Hematological Disorder
- Oncology Disorder

4. The Acute Care Block(Medical Conditions)

5. Internal Medicine Care

OBJECTIVES

The clinical training in internal medicine aims to provide:

- Teaching history-taking and examination skills.
- Clinical skills in general medicine and different specialties of medicine (Cardiology, Respiratory, Neurology, GIT, Cancer, Hematology, Rheumatology, Endocrinology, and Nephrology) and psychiatry
- Training in acute medical emergencies and how to deal with critical cases and instruments / medical machines that are used in the acute care department.

Aim and Learning Outcomes:

Aim of the Block

The aims of this block are that students should be able to recognize common medical & psychiatry conditions affecting adult patients and be able to plan a management strategy including investigations and treatment.

Learning outcomes for the block

By the end of this block students should be able to:

1. Demonstrate their clinical skills to identify different presentations of common medical conditions & psychiatry disorders.
2. Be able to reach an appropriate provisional and differential diagnosis.
3. Appropriate use of investigations to confirm diagnosis.
4. Establish a treatment plan with appropriate use of medication .
5. Effective use of communication skills.

Hospital-Based Training

- Over the 8 weeks of the block, students will be trained in hospitals to take history and perform examination on patients.
- By the end of the block, students should be able to:
 - Perform standard consultation reaching provisional diagnosis.
 - Write a plan of investigations and treatment.
 - Perform communication consultation.

Portfolio Cases

- Students are expected to complete 25 portfolio cases based on patients they see during their hospital-based teaching.
- More detailed information about good medical practice, duties, and responsibilities of a medical student at a hospital, professional responsibilities, Infection Control in the clinical environment, blood and body fluid exposure incidents – First Aid Procedure can be found in students' modules in phase I and II.

Students' Assessments

- At the end of each training day, the students' cases (portfolio) and log book will be assessed by the trainers.
- At the end of the second week, there will be an exam to assess the student's knowledge about the lectures they have been given during these two weeks, and during the course of clinical training the fifth week there will be an assessment exam.
- Weekly there will be photo quiz or case scenario quiz that will be send and answered through the class room

- At the end of the semester there will be a written exam (best answer questions and clinical scenarios) and clinical examination.

References

All the previous modules and blocks in the previous years are considered references

1. Davidson's Principles and Practice of Medicine
2. Macleod's Clinical Examination

The theoretical Sections (Induction):4weeks (1/8/2024 –29/8/2024).

Neuro-psychiatry part: 2 weeks (28/7/2024 -8/8/2024)

- Neurology (15 Lectures)
- Psychiatry (12-15Lectures)
- Chronic care (1-2 Lectures)

Hemato-oncology and medicine: 2 weeks (11/8/2028 – 22/8/2024)

- Hematology & oncology (15 Lectures)
- Medicine (20 Lectures)
- Acute care (1-2 Lectures)

The practical parts : Weeks (25/8/2024 - 3/10 / 2024)

The students of the sixth stage are divided into three groups for training in five teaching hospitals (Al-Sadr Teaching Hospital, Basra Teaching Hospital, Al-Sayyab Teaching Hospital, Al-Fayhaa Teaching Hospital for Endocrinology and the Oil Hospital for Cardiology) for clinical training in internal medicine and cardiac care units, as well as how to deal with emergency cases in emergency rooms.

The Final Block Exam :6-10/10/2024

The Theoretical Parts

Neurology Syllabus

- Disease of cranial nerves
- Epilepsies
- Demyelinating diseases
- Spinal cord diseases
- Cerebrovascular diseases
- Extrapyrarnidal disorders
- Diseases of the muscles & neuromuscular disease
- Headache & peripheral nerve disease
- CNS infection & brain tumor

➤ Psychiatry Syllabus

- Introduction of psychosis and clinical features of schizophrenia
management of schizophrenia
- Bipolar affective disorder
- Anxiety disorder
- Obsessive compulsive related disorder (OCD)
- Personality disorder
- Suicide and Para Suicide and Risk Assessment
- Alzheimer's disease, Dementia, Delirium
- Other organic disorders: Organic psychiatric disorders, Amnesic syndrome, and Other medical disorders associated with psychiatric disorders

- Antipsychotic drugs, Anxiolytic drugs, Antidepressant and mood stabilizer drugs

Hemato-Oncology Syllabus

- Blood And Blood Product Transfusion
- Chronic Leukemias
- Acute Leukemias
- Lymphomas
- Bleeding Tendency
- Myeloproliferative Disorder
- Multiple Myeloma & Plasma Cell Disorder
- Hemoglobinopathies
- Stem Cell Transplantation
- GIT Cancer (CA stomach + colorectal carcinoma)
- Breast Cancer
- Cytotoxic Drugs , Renal cell carcinoma

➤ Medicine Syllabus

- Drug Induce Lupus & Antiphospholipid antibodies Syndrome
- Systemic Sclerosis
- Idiopathic Inflammatory Myopathy
- Seronegative Arthritis
- Crystal Induced Arthritis
- Vasculitis
- Pneumonia & HIV
- Malaria & viral infection, Covid 19
- GIT infection

➤ Joint Infection

Acute Care Syllabus: 1-2 L

Neutropenic Fever and Microangiopathic Hemolytic Anemia

Blood Transfusion complication

Chronic care ----- 1-2 L

Internal Medicine Block Timetable

Induction week
8:30 AM – 1:00 PM: Lectures and tutorials
The clinical placement weeks' timetable :
8:00 AM – 9:30 AM: Students should attend the medical wards. Each student takes history and examines a patient.
9.30 AM – 11:30 AM: the lecturer discusses the cases with each patient in the form of long case assessment.
<ul style="list-style-type: none"> • Evaluation of portfolio cases • 11:30 AM – 12:00 PM: rest. • 12:00 PM – 2:00 PM: clerkship in the medical ward and emergency rooms including procedures. • 8:30 AM -12:30 PM /Seminars (Every Thursday)
Examination week
Knowledge and clinical assessment

Clinical Placement Timetable

Hospital /center	Block
Al-Sader Teaching Hospital مركز الرباط للرعاية الصحية الاولى	Internal medicine, Oncology, Cardiology, acute care, Chronic Care Training
AL-Basrah teaching hospital TB Center	Internal Medicine, Nephrology, Infectious, Neurology, TB, acute care
AL Sayyab teaching hospital/SOH/ AL-Fayhaa hospital	Neurology, Hematology, Cardiology, Endocrinology , Psychiatry, acute care

جدول المحاضرات

Neuro-Psychiatry Block & chronic care

اليوم والتاريخ	المادة	التدريسي
2024/7/28 الاحد 8:30 AM -1:00PM	Psychiatry	Dr abbas J hamdan
2024/7/29 الاثنين 8:30 AM -1:00PM	Psychiatry	Dr abbas J hamdan
2024/7/30 الثلاثاء 8:30 AM -1:00PM	Psychiatry	Dr abbas J hamdan
2024/7/31 الأربعاء 8:30 AM -1:00PM	Psychiatry	Dr abbas J hamdan
2024/8/1 الخميس 8:30 AM -1:00PM	Psychiatry	Dr abbas J hamdan
2024/8/4 الاحد 8:30 AM -1:00PM	Cranial nerve disease & epilepsy	Dr Atyiaf Hamid
	Demyelination disease	Dr Qutaiba Muslim
2024/8/5 الاثنين 8:30 AM -1:00PM	Spinal cord disease	Dr Ali M Radhi
	Cerebrovascular accident	Dr Firas Rasheed
2024/8/6 الثلاثاء 8:30 AM -1:00PM	Extrapyramidal disorders Neuromuscular disease & disease of muscles	Dr Mustafa Emad
2024/8/7 الأربعاء 8:30 AM -1:00PM	Headache Peripheral nerve disease	Dr Mazin Abd Hazza
2024/8/8 الخميس 8:30 AM -1:00PM	CNS Infection brain tumor	Dr Mohammed adil

جدول المحاضرات

Hemato- Oncology Block & Internal Medicine & Acute Care Block

اليوم والتاريخ	المادة	التدريسي
الاحد 2024/8/11 8:30 AM -1:00PM	Oncology & Hematology	Dr Ahmed Qassim Dr Qutaiba Muslim
الاثنين 2024/8/12 8:30 AM -1:00PM	Oncology & Hematology	Dr Ahmed Qassim Dr Qutaiba Muslim
الثلاثاء 2024/8/13 8:30 AM -1:00PM	Hematology	Dr Qutaiba Muslim
الأربعاء 2024/8/14 8:30 AM -1:00PM	Hematology	Dr Qutaiba Muslim
الخميس 2024/8/15 8:30 AM -1:00PM	Oncology & Hematology	Dr Ahmed Qassim Dr Qutaiba Muslim
الاحد 2024/8/18 8:30 AM -1:00PM	Internal medicine/Rheumatology	Dr Mustafa Emad
الاثنين 2024/8/19 8:30 AM -1:00PM	Internal medicine/Rheumatology	Dr Mustafa Emad
الثلاثاء 2024/8/20 8:30 AM -1:00PM	Internal medicine/Rheumatology	Dr Mustafa Emad
الأربعاء 2024/8/21 8:30 AM -1:00PM	Internal medicine/infection	Dr Mohammed Adil
الخميس 2024/8/22 8:30 AM -1:00PM	Internal medicine/infection	Dr Mohammed Adil

Seminars Timetable

التاريخ	الموضوع	التدريسي
29/8/2024 الخميس 8:30 AM -1:00PM	Cardiac emergencies (ACS, arrhythmias, acute pulmonary edema, and cardiac arrest)	Dr Mazin Abd Hazza
5/9/2024 الخميس 8:30 AM -1:00PM	Respiratory Emergencies (Respiratory Failure, ADRD, Pneumothorax, Acute Severe Asthma, Exacerbation Of COPD)	Dr Mohammed Adil
12/9/2024 الخميس 8:30 AM -1:00PM	Hematological And Oncological Emergencies (Warfarin Toxicity, Tumor Lysis Syndrome and SVC Obstruction)	Dr Qutaiba Muslim
19/9/2024 الخميس 8:30 AM -1:00PM	Diabetic Emergencies Hyperosmolar Non-Ketotic Diabetic Coma Hypoglycemia	Dr Mustafa Emad
26/9/2024 الخميس 8:30 AM -1:00PM	Renal Emergencies and ABG Analysis GIT Emergencies (Bleeding, Hepatic Encephalopathy)	Dr Mohammed Adil

Workshop Timetable

التاريخ	الموضوع	التدريسي
29/8/2024 الخميس 8:30 AM -1:00PM	Essentials of Clinical Research for Undergraduate Medical Students	د فراس رشيد د قتيبة مسلم د علاء حسين د رغده عصام
5/9/2024 الخميس 8:30 AM -1:00PM	Patient Safety for Medical Students	د فراس رشيد د مازن عبد هزاع
12/9/2024 الخميس 8:30 AM -1:00PM	Communication Skills for Medical Students	د محمد عادل د مصطفى عماد
19/9/2024 الخميس 8:30 AM -1:00PM	Use Of AI in Medical Education	د قتيبة مسلم

كلية طب الزهراء-فرع الطب

توزيع المجاميع على المستشفيات للفترة من

	مستشفى البصرة التعليمي	مستشفى الصدر التعليمي	مستشفى السياب التعليمي
الاحد	د. محمد عادل/د. قتيبة مسلم	د. مصطفى عماد عمران	د. أطياف حامد Neurology
الاثنين	د. محمد عادل Nephrology	د. قتيبة مسلم داود	د. مازن عبد هزاع مستشفى النفط لأمراض القلب
الثلاثاء	TB Center د. زهير عبد الكريم	د. فراس رشيد	Psychiatric Session /Endocrinology مستشفى الفيحاء التعليمي
الأربعاء	د. هشام علي Neurology	د هبة صالح /مركز الرباط د قتيبة مسلم داود /الصدر التعليمي	د. مصطفى عماد عمران د. محمد احمد عبدالكريم د. رغد عبد اللطيف
الخميس	Seminar / Workshop		

Internal Medicine Curriculum

Clinical topics to be covered in the internal medicine block

Cardiovascular Medicine

- Ischemic Heart Diseases
- Heart Failure & Arrhythmias
- Aortic And Peripheral Vascular Diseases
- Pericardial Diseases
- Congenital Heart Diseases
- Basic And Advanced Cardiac Life Support
- Cardiac Emergencies

Respiratory Medicine

- Obstructive Airways Disease
- Pneumonia
- Lung Fibrosis
- Pleural Disease
- Respiratory Failure
- Adult Respiratory Distress Syndrome

Rheumatology Medicine

- Rheumatoid Arthritis
- Axial Spondyloarthropathy
- SLE and SLE-related disease
- Systemic Sclerosis
- Behcet Disease
- Vasculitis (Small, Medium, And Large Vessels)
- IIM (Polymyositis and Dermatomyositis)
- Crystal Induced Arthritis (Gout and Pseudogout)
- Osteoarthritis
- Osteoporosis

Hematology and Cancer

<ul style="list-style-type: none">• Anemia Classification• Myeloproliferative Disorder• Lymphoproliferative Disorder• Multiple Myeloma• Bleeding Tendency
Neurology Medicine
<ul style="list-style-type: none">• Stroke• CNS Infection• Epilepsy• Neuromuscular Disorder• Peripheral Neuropathy• Headache
GIT Medicine
<ul style="list-style-type: none">• Dyspepsia• Upper GIT Bleeding• Peptic Ulcer Disease• Inflammatory Bowel Diseases• Malabsorption• Diarrhea• Irritable Bowel Syndrome• Pancreatic Disease• Hepatology
Nephrology Medicine
<ul style="list-style-type: none">• Nephritic Syndrome• Nephrotic Syndrome• Urine Analysis• Acute Kidney Injury• Chronic Kidney Disease• Electrolyte Imbalance• Hypertension

Endocrine Medicine
<ul style="list-style-type: none">• Diabetes mellitus• Adrenal disorder• Pituitary disorder• Thyroid and parathyroid disorder
Infectious disease
<ul style="list-style-type: none">• Enteric Fever• Brucellosis• CCHF• Covid 19• Dysentery• Tuberculosis

تعليمات للطلبة اثناء الدروس التطبيقية

Practical Sessions Instruction

But pay attention to the following points

1. Asking permission and leaving before the time agreed to complete the teachings sessions is counted as a day of absence without exception and for any excuse.
2. Strict obligation to the uniform approved by the Ministry of Higher Education and Scientific Research, and commitment to wearing a white coats and fixing identification badges.

3. The clinical cases are recorded on papers (Not on electronic devices) and given to the teacher, with the names of the students clearly written on them.
4. Bring all the requirements for the clinical examination, and it is forbidden to transfer instruments between students.

The distribution of the student's score after the discussion is completed at the end of the daily clinical sessions will be as follows:

1. score for medical history
2. score for clinical examination items
3. score for diagnostic methods, preliminary diagnosis, final diagnosis, and the general framework of the treatment plan

The distribution of the final student's marks after the course is completed will be as follows:

1. 60% Final Exam (Written Exam 35%, Long and oral Exam 20%, Clinical Slides 5%)
2. 20 %Mid-course Exam (Written Exam)
3. 20% Continues Assessments (Daily Assessment 8%, Seminars 5%, Portfolio Cases 5% and Class room Quizzes 2%)

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