



# **STUDY GUIDE MEDICINE**

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**LAHORE MEDICAL AND DENTAL COLLEGE**

**LAHORE MEDICAL AND DENTAL COLLEGE**

Study Guide Medicine 2025

## **Mission of LMDC**

The Lahore Medical & Dental College is committed in its pursuit of excellence to providing the best academic facilities and atmosphere to its students.

Our mission is to: “Train future leaders of medicine who set new standards in knowledge, care and compassion”.

The well qualified and committed faculty of LMDC provides combination of nurturing support and challenge to the students to reach their maximum potential.

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## **DEAPRTMENTAL CONSULTANTS / HIERARCHY PLAN**

Medicine department teaching staff consists of

<b>Name</b>	<b>Designation</b>	<b>Pictures</b>	<b>Qualification</b>
Prof. Wasim Amer	Head of Department		FCPS
Prof. Shamail Zafar	Prof of Medicine		FCPS
Prof. Asad Ullah Ijaz	Prof of Medicine		FCPS
Prof. Sarah Shoaib	Prof of Medicine		FCPS
Dr. Sohail Nasir	Associate Professor		FCPS
Dr. Mehrin Farooq	Associate Professor		FCPS
Dr. Syed Khurram Shehzad	Assistant Professor		MRCP

## **INTRODUCTION**

Medical education is a life-long process and MBBS curriculum is a part of the continuum of education from pre-medical education, MBBS, proceeding to house job, and post-graduation. PM&DC outlines the guiding principles for undergraduate medical curriculum and has defined the generic competencies and desired outcomes for a medical graduate to provide optimal health care, leading to better health outcomes for patients and societies. These generic competencies set the standards of care for all physicians and form a part of the identity of a doctor. Each competency describes a core ability of a competent physician. This study guide will give an insight to the students about all these competencies and how to plan their educational activities in the subject of medicine for the three years period.

## **PURPOSE OF GUIDE:**

To facilitate undergraduate students to learn subject of Medicine in an effective manner, by enlightening them regards organization of the learning program, facilitates guides students in managing their studies through the academic year and guidance on assessments methods, exam rules and regulations.

## **TARGET AUDIENCE**

1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> year MBBS students

## **DURATION OF FINAL YEAR SESSION:**

APRIL 2025- DECEMBER 2025

## **TEACHING SYSTEM**

1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Year -----	Modular System
4 <sup>th</sup> and Final Year -----	Traditional System

### **LEARNING OBJECTIVES (*knowledge, skills, attitude*)**

- to equip the students with specific knowledge, essential skills and appropriate attitude towards the human body
- to become problem solvers, dealing effectively with familiar and unfamiliar problems
- to become lifelong learners
- to direct their own learning and evaluate this activity
- to be able to reason critically and make justifiable decisions regarding patient management
- to practice evidence-based medicine
- to always ensure patient safety
- to ensure compliance with the legal system as it impacts health care and the PM&DC regulations
- to adopt a multidisciplinary approach for health promoting interventions
- Medical graduates should be able to demonstrate professional values of self and professional accountability, honesty, probity, and ethics
- Medical and dental graduates are expected to demonstrate exemplary professional conduct
- to be able to understand the pathogenesis of specific diseases
- to be able to take a thorough focused history and identify the patient's risk factors related to the disease process
- to be able to perform a physical examination on a patient, to diagnose specific diseases and rule out other diseases
- to formulate a provisional diagnosis with justification, and the likely differential diagnoses
- to be able to select appropriate hematological, biochemical and microbiological investigations and interpret their reports to confirm the diagnosis
- to be able to select specific radiological investigations for specific diseases
- to be able to apply evidence-based medicine concepts for the medical treatment of different diseases
- to be able to write prescriptions in appropriate format according to the disease

### **COURSE TO BE STUDIED (*syllabus*)**

The course outline is as follows:

During three years the students will be taught all these topics.

By the end of five years, medical students should be able to identify and discuss the common causes of common clinical presentations. Causes in detail can be discussed under various other headings.

<b>General Medicine</b>
Fever
Edema

Headache
Drowsiness and unconsciousness
Clubbing
Cough
Sputum and hemoptysis
Chest pain.
Dyspnea
Shock
Painful and difficult swallowing
Anorexia, nausea and vomiting
Abdominal pain
Diarrhea and constipation
Urination abnormalities
High colored urine
Cachexia
o Involuntary movements
o Seizures
o Paresis and paralysis
o Numbness and paresthesia
Weakness and lassitude
o Dizziness and vertigo
o Joint pains
Nutrition (re-enforcement)
Geriatrics
End-of-Life Care
Preventive aspects
Ethical problems
Communication Skills
<b>GASTROENTEROLOGY</b>
Oral Cavity Presentations:
o Aphthous Ulcers*6, Pigmentation (Addison's), Gingivitis, Glossitis* (Candida, Plummer-Winson Syndrome, Vitamin B2 and folate deficiency).
Nausea/Vomiting
o Hepatitis**, Gastro-enteritis**, Bacterial food poisoning, Acid peptic disease**
Indigestion/Flatulence
o Diet, Irritable Bowel Syndrome and Gastroparesis
Dysphagia**
o Of Solids: Carcinoma Esophagus (with cachexia)* and Achalasia*.
o Of Liquids: Psychogenic and Neuro-Muscular Disorders (Dementia, Bulbar Palsy and Scleroderma)
Heartburn and/or Epigastric pain
o Gastro Esophageal Reflux Disease**, Peptic ulcer and Gastritis**.
Diarrhea
o Acute Diarrhea due to Acute Gastro-enteritis: Viral**, Shigellosis**, Salmonellosis**, Traveler's diarrhea**

o Chronic Diarrhea: Amebiasis**, Giardiasis*, Malabsorption syndromes like Celiac Disease* and Tropical Sprue
o With Haematochezia Inflammatory bowel diseases: Ulcerative colitis* and Crohn's Disease*
o Irritable bowel syndrome*.
Constipation*.
o Irritable Bowel Syndrome, Diet and sedentary life style, Hypothyroidism, Carcinoma descending colon
Ascites**.
o Chronic Liver Disease**, Malignancy*, Abdominal tuberculosis**.
Jaundice**.
o Congenital hyperbilirubinemia (Gilbert Syndrome and Dubin Johnson Syndrome)
o Wilson's Disease
o Haemolytic: Malaria, Auto-immune, Hypersplenism
o Differentiate from Obstructive (Re-enforcement) *: Gall Stones, Carcinoma Pancreas, Cholangitis, Obstructive phase of Hepatitis
o Hepatic**: Viral** (acute and chronic), Toxic and Drugs).
Haematemesis and / or Melena**.
o Esophageal varices*, Mallory Weiss Syndrome, Carcinoma Stomach, Cirrhosis of Liver** and Bleeding peptic ulcer**.
Bleeding per rectum*.
o Bacillary dysentery, Inflammatory Bowel Disease, Hemorrhoids*, and Amoebic dysentery**.
Abdominal Pain
o Acid peptic Disease**, Irritable Bowel Syndrome*, Carcinoma stomach, Pancreatitis* and Porphyria
Abdominal Mass: Visceromegaly
o Liver: Hepatitis**, Liver abscess*, Hydatid Cyst, Congested Liver*, and Carcinoma (Primary and Secondary)
o Spleen: Portal Hypertension, Chronic Malaria, Chronic Myeloid Leukemia, and Myelofibrosis
o Splenomegaly with fever**: Malaria**, Typhoid**, Infective* endocarditis and Miliary tuberculosis*, Visceral Leishmaniasis,
o Kidney (see below)
o Abdominal Aneurysm
Altered Mentation: Hepatic Encephalopathy** and other causes of altered mentation.
o Drugs Contraindicated in Liver Diseases*.
<b>KIDNEY AND GENITOURINARY SYSTEM</b>
Lumbar pain**.
o Acute pyelonephritis**, Acute papillary necrosis, Renal Infarction, Perinephric abscess (Surgery) * and Urolithiasis (Surgery).
Oliguria/Anuria: Acute Kidney Injury**:
o Nephritides**, Acute Tubular Necrosis**, Drug-induced* (analgesic), Hypersensitivity nephropathy*, Contrast Induced* and (brief) Haemolytic-uremic syndrome
Polyuria / nocturia



o Diabetes mellitus**, Diabetes insipidus, Hypercalcaemia**,
o Chronic Kidney Disease: Glomerulopathies**, Nephrotic Syndrome**, Hyperuricemia, Drug-induced and Hemolytic uremic syndrome (brief)
o Psychogenic*.
Dysuria*: With and without frequency of Micturition (Urinary Tract infection) **
Hematuria with Dysuria*.
o Cystic infection of the bladder**, Urethritis and Urolithiasis
o Painless Hematuria*: Renal Tuberculosis*, Renal Cell Carcinoma* and Bladder carcinoma
Urinary incontinence
o Urge Incontinence (Urinary infection* and Bladder neck problems) and Stress
Urinary retention
o Prostatic Enlargement* and Neurogenic bladder
Impotence
o Diabetes mellitus and Psychogenic
Renal glycosuria*.
<b>RESPIRATORY SYSTEM</b>
Shortness of Breath
o Episodic: Bronchial Asthma**
o Acute: Pneumothorax**, Pulmonary Thrombo-embolism** / Acute Cor Pulmone, Adult respiratory distress syndrome, Acute respiratory failure* (Type I and II) and Mechanical ventilation
o Chronic: Chronic obstructive airway diseases**, Pleural Effusion**, Environmental and Occupational lung diseases (in brief: Asbestosis, Silicosis, Bagassosis, Byssinosis and Pneumoconiosis), Hypersensitivity pneumonitis and Interstitial lung disease.
Fever with Cough
o Upper respiratory tract infection**
o Lower respiratory tract infection: Acute and chronic Bronchitis**
o Pneumonias**: Community acquired, Nosocomial, Lobar and Bronchopneumonia.
Cough with Sputum: Bronchiectasis* Hemoptysis: Carcinoma lung* and Tuberculosis**
Respiratory Distress
o Type-I Respiratory Failure: Pneumonia**, Pulmonary Edema** and Pulmonary Embolism **
o Type-II Respiratory Failure: Chronic Obstructive Pulmonary Disease (COPD) **
<b>CARDIOVASCULAR SYSTEM</b>
Fever with Murmur*
Rheumatic fever** and Infective endocarditis**
Shortness of breath with Murmur
Mitral, Aortic and Pulmonary valve diseases
Palpitations

Sinus tachycardia*, Paroxysmal Supraventricular Tachycardia**, Acute atrial Fibrillation and atrial flutter**, and Premature atrial and ventricular contractions**
Chest Pain**
Angina**, Myocardial infarction**, Constrictive pericarditis, and Pericardial effusion
Shortness of breath*
Orthopnea and/or Paroxysmal Nocturnal Dyspnea**, Left Ventricular Failure**, Congestive Cardiac Failure**, Cor pulmonale and Congenital heart diseases (brief): atrial septal defect, patent ductus arteriosus and ventricular septal defect
Hypertension**
Atherosclerosis/Arteriosclerosis** and Lipid Disorders**
Secondary Hypertension*: Renal Causes* (Polycystic Kidney, Renal Artery Stenosis, Renal Parenchymal Diseases) and Endocrine Disorders** (Gigantism, Acromegaly, Cushings, Hyperthyroidism and Pheochromocytoma)
Postural Hypotension*.
Autonomic neuropathy (Diabetes mellitus) and Drug-induced (Antihypertensives, Loop diuretics* and Nitrates)
Claudication: Peripheral vascular disease and Ischemia
Shock**: Arrhythmias (ventricular tachycardia, fibrillation) and asystole.
Syncope*: Arrhythmias, Vasovagal attack and Heat syncope
<b>CENTRAL NERVOUS SYSTEM</b>
Headache**.
o Acute Severe: Sinusitis** and Subarachnoid and Intra-cerebral Hemorrhage**.
o Periodic: Refractive errors, Migraine* and Tension Headaches*
o Progressive: Space-occupying lesion
o With Fever**: Meningitis** (Bacterial, Tuberculosis and Viral), Encephalitis** and Brain abscess.
o Nuchal headaches/Neck pain: Muscle spasm (Tension, Postural) and Cervical spondylosis*.
Facial Pain: Trigeminal neuralgia
Squint: Cranial nerves III, IV and VI (Cavernous sinus thrombosis)
Intellectual Impairment
Impaired Memory and Dementia*
Confusional states/Delirium/Encephalopathy**: Substance abuse, Toxins and Poisons
Paralysis*.
Hemiplegia/hemiparesis/monoplegia/quadriplegia**: Thrombotic,
Hemorrhagic and Embolic
Paraplegia/paraparesis/quadriplegia*: Spinal cord compression, Secondaries in the spine, Transverse Myelitis*, Tuberculous spine*, Syringomyelia and Syringobulbia
Focal Neurological Deficit: Multiple sclerosis, Space occupying lesion and Mononeuritis multiplex
Facial Weakness: Bell's Palsy**

o Ptosis: Myasthenia Gravis, Horner's Syndrome and III nerve palsy
o Transient Ischemic Attack**
Speech disturbances
Hypertonia: Myotonia Dystrophica and Parkinsonism *
Hypotonia and muscle wasting: Lower motor neuron disease,*
Muscle cramps: Metabolic, Overexertion and Idiopathic
Movement Disorders:
o Hyperkinesia: Tremors* (Hyperthyroidism**, Anxiety*, Druginduced, Parkinsonism, Cerebellar*)
o Fasciculations: Motor neuron disease and Myokymia,
o Others: Athetosis, Chorea, Hemiballismus, Ballismus, Myoclonus and Carpopedal Spasm (tetany)*
o Hypokinesia: Parkinson's Disease and Drug induced
o Gait abnormalities:
Ataxic: Cerebellar disorder*
Shuffling gait: Parkinsonism*
Scissor Gait: Cerebral palsy
Lurching gait: Post Cerebro-vascular accidents
Waddling gait: Proximal myopathy (Thyroid disease, Cushing's disease, Vitamin deficiency, steroids
Convulsions/Fits**: Tetanus, Epilepsy*, Space-occupying lesion, Head injury and Cerebro-vascular accidents
Coma/ Stupor / drowsiness**: Metabolic**, Trauma, Infection** (Meningitis and Encephalitis), Poisoning, Substance abuse (alcohol), Toxins and Cerebrovascular accidents
Dizziness: Malignant Hypertension and Anxiety
Vertigo: Benign Positional Vertigo*, Meniere's disease, Labyrinthitis, Upper Respiratory Tract Infections and Vertebro-basilar insufficiency
Congenital Deafness (ENT)
Blindness / Blurring of Vision:
Occipital Infarction /Hemorrhage, Head injury / Traumatic, Visual
Field Defects (pituitary lesions), Malignant hypertension, Transient mono-ocular blindness (Amaurosis fugax), Multiple sclerosis (associated with more deficits), Snake-bite (neurotoxins) and Druginduced
Paraesthesias: Polyneuropathy / Peripheral neuropathies
o Hypoesthesia: Diabetes mellitus**, Vitamin deficiencies (B6 and B12) *, Mono neuritis multiplex*, and Drug induced (INH) *
o Hyperesthesia: Diabetic Burning feet syndrome and Restless leg syndrome
Muscular Weakness:
o Acute: Periodic Paralysis and Guillain Barre Syndrome*
o Chronic: Toxic/ Drug Induced, Hypothyroidism and Hyperthyroidism, Vitamin D deficiency*, Motor-neuron disease
o Myasthenia Gravis.
<b>MUSCULOSKELETAL SYSTEM</b>
Joint pain and/or Joint swelling:
o Monoarthritis* or Polyarthritis*

o Large Joint involvement: Osteoarthritis, Septic arthritis*, Haemarthrosis and polyarthritis migrans* (Rheumatic fever)
o Small joint involvement (Inflammatory): Rheumatoid Arthritis*, Systemic Lupus Erythematosus* and Gout*
Easy Fractures: Osteoporosis*
Bone Pain:
Osteomalacia*, Osteomyelitis, Hyperparathyroidism, Malignancy (Multiple Myeloma, Osteosarcoma, Secondaries in the bone and Leukemias)
Neck Pain: Cervical spondylosis* and Tension
Dorsal Pain: Tuberculosis*
Low back pain: Sciatica (Herniated disc) *, Inflammatory (Ankylosing spondylitis and Sacro-iliitis), Secondaries, Lumbar spondylosis, Mechanical/postural, Vertebral Collapse (Tuberculosis and Osteoporosis)
Claudication: Spinal stenosis**
Increased skin elasticity and hypermobility of joints: Ehler Danlos syndrome and Marfan's Syndrome
Muscle stiffness and pain: Depression, Anti-psychotic drugs and Fibromyalgia
<b>BLOOD</b>
Pallor: Anaemias.
Microcytic Hypochromic (Iron deficiency)**: Increased Loss and Decreased uptake (Malabsorption, Tuberculosis and Hookworms)
Macrocytic Megaloblastic** (B-12 deficiency and Folic acid deficiency),
Normocytic normochromic*: Anemia of chronic inflammation, Malignancies and Renal failure
Hemolytic anemia*: Hereditary (Thalassemia*, Sickle cell anemia, Hereditary spherocytosis), Acquired (Blood Transfusion
incompatibility, Autoimmune and Valve replacement)
Intra-corpuscular: G6P Deficiency, Malaria, Sickle cell syndromes (brief) and Thalassemias
Extra-corpuscular Intravascular
o Aplastic anemia: Myelofibrosis and Drug-induced
Hepatosplenomegaly (Myeloproliferative diseases).
With pallor: Chronic myeloid leukemia and Kala Azar
Without pallor: Polycythemia rubra vera, Essential thrombocytosis
Pallor with Lymphadenopathy and/or lassitude
Leukemias**: Acute and Chronic and
Lymphomas**: Non-Hodgkin's and Hodgkin's.
Blood groups and blood transfusion**.
Fever with lymphadenopathy: Infectious mononucleosis
Bleeding and / purpura
Clotting Disorders: Decreased production and increased destruction
o Von Willebrand's disease,
o Disseminated intravascular coagulation (DIC)
o Hemophilia
o Vitamin K deficiency
o Anticoagulant Therapy: Injectable and oral including anti-platelet agents

Bleeding Disorders: Epistaxis (Hypertension), Thrombocytopenia (Immune/ Idiopathic and Acquired Thrombocytopenic purpura), Vessel wall disorders, Thrombocytic Dysfunction and Drug-induced bleeding (Polypharmacy).
METABOLIC AND ENDOCRINAL DISORDERS
Generalized Pigmentation
Endocrinal: Addison's Disease, with Diabetes Mellitus (Haemochromatosis in brief)
Drug-induced: Chloroquine, Heavy Metals and Chemotherapy
Polyuria and Polydipsia: Diabetes mellitus*** and hyperglycemic states**.
Growth Abnormalities:
Tall stature: Gigantism and Acromegaly
Short Stature: Hypothyroidism**, Obesity: Cushing's syndrome and Hypothyroidism**
Infertility: Hypogonadism, Primary Ovarian failure and Sheehan's Syndrome
INFECTIOUS DISEASES
· Common infections in the organ-systems listed above, · With emphasis on those common in Pakistan: Tuberculosis, Malaria, Typhoid, Dengue, Pneumonias, Meningitides and encephalitides, Infectious mononucleosis and · Those of global importance

## **TEACHING METHODOLOGIES FOR MEDICINE**

- Interactive Lectures
- Tutorials
- Case based learning(CBL)
- Essential Skills to be learned in the skills lab
- Power point presentations by students
- Small group discussions
- Clinical ward rotations
- CPC's – using modern audio-visual techniques, distant learning using electronic devices and current Information technology facilities
- Journal Club meetings
- Self-directed learning is the most vital part of this module to solve problematic cases, go through different learning resources and discuss with peers and the faculty to clarify difficult concepts

## **LEARNING RESOURCES**

### ***Recommended books***

- Davidson's Principles and Practices of Medicine 24<sup>th</sup> Edition.
- Kumar and Clark's Clinical Medicine 10<sup>th</sup> Edition
- Essentials of Clinical Medicine by Wasim Amer 1<sup>st</sup> Edition
- Current medical diagnosis and therapeutics
- Hutchison's clinical methods 25<sup>th</sup> Edition
- Macleod's Clinical Examination 15<sup>th</sup> Edition
- 
- Online Journals and Reading Materials through HEC Digital Library Facility.

### ***Technologies to be used***

- Textbooks are the most important part of student learning for this subject
- Bed side learning with patients
- Hands-on activities and practical sessions to enhance the learning.
- Skills lab will be used for simulated learning of the basic skills related to the gastrointestinal system
- Videos from different web portals to familiarize the students with the procedures and protocols.
- Computer and Internet resources are essential to gather the latest information about a specific disease.

## **ASSESSMENT METHODS**

### ***Formative***

**Theory**, single best multiple choice question and SEQ test at the end of each topic finished and all topics tests at end of session

**Clinical ward test / End of Rotation (EOR) assessment**, comprising of one long case (90 marks) and two short cases (120 marks) and one OSCE comprising of 13 stations (65 marks), 25 marks contributed by ward attendance and histories taken

Total marks= 300

### **Summative UHS examination (to be held at the end of 5<sup>th</sup> year MBBS)**

Paper-I All except Paper-II

Paper-II will include: 1.Infectious Diseases 2.Endocrinology including Diabetes 3.Metabolic Diseases 4.Genitourinary System 5.Immunology 6. Genetics 7.Oncology 8.Water and Electrolyte Balance 9. Acid and Base Balance 10.Psychiatry 11.Dermatology

## Summative examination details

S.No.	Subject	Theory						Sub Total	Clinical	Oral and Practical	Int. Ass	Sub Total	Grand Total	
		SEQs			MCQs									Int. Assessment
1.	Medicine - I	45 marks	9 SEQs	5 marks each	45 marks	45 MCQs	1 marks each	25	200	210	65	25	300	500
		2 hours			1 hour									
2.	Medicine - II	45 marks	9 SEQs	5 marks each	40 marks	40 MCQs	1 marks each							
		2 hours			1 hour									

## TABLE OF SPECIFICATION FOR MEDICINE EXAM

### Medicine paper I MCQs table of specifications

S.NO	TOPIC	MCQs
1	CARDIOVASCULARSYSTEM	07
2	PULMONARY MEDICINE	07
3	CENTRAL NERVOUS SYSTEM	07
4	GASTROINTESTINAL SYSTEM	07
5	LIVER,PANCREAS & GALL BLADDER	06
6	BLOOD	05
7	RHEUMATOLOGY	06

### Medicine paper I SEQs table of specifications

S.NO	TOPIC	SEQs
1	CARDIOVASCULARSYSTEM	02
2	PULMONARY MEDICINE	01
3	CENTRAL NERVOUS SYSTEM	01
4	GASTROINTESTINAL SYSTEM	02
5	LIVER, PANCREAS & GALL BLADDER	01
6	BLOOD	01
7	RHEUMATOLOGY	01

### Medicine paper II MCQ table of specifications

S.NO	TOPIC	MCQs
1	ENDOCRINES Thyroid Diabetes Adrenals Others	05(Break up is as follows)  01  01  01  02
2	RENAL/ACID BASE/WATER & ELECTROLYTES METABOLISM	10
3	INFECTIONS/TROPICAL DISEASES	07
4	NEURO-PSYCHIATRY	10
5	DERMATOLOGY	06
6	NUTRITION,DATA/PHOTO	02

### Medicine paper II SEQs table of specifications

S.NO	TOPIC	SEQs
1	ENDOCRINES	02
2	RENAL/ACID BASE/WATER & ELECTROLYTES METABOLISM	02
3	INFECTIONS/TROPICAL DISEASES	02
4	NEURO-PSYCHIATRY	02
5	DERMATOLOGY	01
	TOTAL	09



## **FORMATIVE AND SUMMATIVE EXAM RULE AND REGULATIONS**


### **ATTENDANCE REQUIREMENT FOR MEDICINE AND ALLIED**

- Students are expected to attend all scheduled teaching sessions and examinations
- Attendance in lectures, tutorials, and wards is mandatory. Absence from these sessions will make the students ineligible to sit the final summative assessment.
- A minimum of 85 % attendance in the lectures and wards is mandatory to appear in the summative UHS examination
- Attendance will be recorded through a log-in/log-out biometrics system
- Absence due to illness must be certified appropriately by the General Physician

## DEPARTMENTAL TIME TABLES

### 5<sup>th</sup> Year MBBS Lecture Timetable

**5<sup>th</sup> YEAR M.B.B.S. TIMETABLE SESSION 2020-2021 w.e.f. 03-04-2025 (session start: 03-03-2025)**

  
**Lahore Medical & Dental College**  
 Canal Bank North, Tulpura, Lahore  
 Phone No. 0346-4418891-98  
 No. LMDC/2551-72/2025, Dated: 25-3-25

DAYS & TIME	08:00 a.m. to 08:50 a.m.	08:50 a.m. to 09:40 a.m.	09:40 a.m. to 10:30 a.m.	10:30 a.m. to 11:00 a.m.	11:00 a.m. to 02:45 p.m.	02:45 p.m. to 03:00 p.m.
MONDAY	Surgery-I / Radiology (06-10-25 to 24-11-25) Lecture Theatre No. 2	Paediatrics Lecture Theatre No. 2	Medicine Lecture Theatre No. 2	Travel to GTH & Break	Ward / SDL / Skill Lab	Travel to LMDC
TUESDAY	Surgery-II Lecture Theatre No. 2	Paediatrics Lecture Theatre No. 2	Medicine Lecture Theatre No. 2	Ward / SDL		
WEDNESDAY	Obs. / Gynae Lecture Theatre No. 2	Orthopaedics Lecture Theatre No. 2	Medicine Lecture Theatre No. 2	Ward / SDL		
THURSDAY	Surgery-II / Anaesthesia (09-10-25 to 27-11-25) Lecture Theatre No. 2	Obs. / Gynae Lecture Theatre No. 2	Medicine Lecture Theatre No. 2	Ward / SDL		
FRIDAY	Surgery-I Lecture Theatre No. 2	Urology Lecture Theatre No. 2	Dermatology 07-03-25 to 01-08-25 Psychiatry 08-08-25 to 28-11-25 Lecture Theatre No. 2	Travel to GTH	Ward / SDL	Travel to LMDC *** CPC Auditorium

CC:-

1. Principal, LMDC
2. Vice Principal, LMDC
3. Heads of All concerned Departments, LMDC/GTH
4. HOD Medical Education, LMDC
5. Chief Administrative Officer / Director F&A, LMDC
6. Director Skills Lab, LMDC
7. Director IT, LMDC
8. Medical Superintendent, GTH
9. Transport Incharge, LMDC
10. Lecture Theatre Incharge, LMDC
11. Warden / Assistant Warden Hostels (Boy/Girl)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s All Tours, LMDC
15. Notice Board

- In the month of February, March, April, June, July, & September 2025, 1<sup>st</sup> three Fridays of every month Ward / SDL from 10:45 a.m. to 12:45 p.m. and 4<sup>th</sup> Friday of every month Ward / SDL from 10:45 a.m. to 11:55 a.m.
- In the month of May, August & November 2024, 1<sup>st</sup> four Fridays of every month Ward / SDL from 10:45 a.m. to 12:45 p.m. and 5<sup>th</sup> Friday of every month Ward / SDL from 10:45 a.m. to 11:55 a.m.
- Last Friday of every month CPC in Auditorium from 12:10 p.m. to 01:00 p.m.
- SDL for 1.5 hours morning ward time (Monday to Thursday) and 30 minutes on Friday.
- SDL for 2 hours evening ward time.

MAJ. GEN. (R) PROF. DR. NAEEM NAQI  
 PRINCIPAL

## 5<sup>th</sup> Year MBBS Clinical Timetable

### NOTICE

### FINAL YEAR MBBS

**Time Table of Clinical Batches of Final Year MBBS with effect from 03-03-2025**

Final year MBBS class has been divided in the following batches for clinical classes at GTTH:-

Batch	Roll No
A	14069, 25046, 25117, 25135, 26003, 26004, 26006, 26007, 26008, 26009, 26010, 26011, 26012, 26013, 26014, 26016, 26017, 26018, 26020, 26021, 26027, 26029, 26103, 26147, 26151, 26153
B	25139, 26001, 26002, 26005, 26022, 26023, 26025, 26026, 26031, 26032, 26033, 26035, 26036, 26037, 26038, 26039, 26042, 26044, 26047, 26050, 26052, 26053, 26064, 26092, 26106, 26146
C	26024, 26034, 26041, 26043, 26045, 26046, 26048, 26049, 26054, 26055, 26056, 26057, 26058, 26059, 26060, 26061, 26062, 26063, 26065, 26066, 26067, 26069, 26070, 26071, 26152
D	26040, 26068, 26072, 26073, 26074, 26075, 26076, 26078, 26079, 26080, 26081, 26085, 26086, 26087, 26088, 26089, 26091, 26093, 26094, 26096, 26097, 26099, 26100, 26104, 26108
E	25113, 26015, 26030, 26082, 26090, 26095, 26101, 26102, 26105, 26107, 26109, 26110, 26111, 26112, 26113, 26114, 26116, 26117, 26118, 26119, 26120, 26121, 26122, 26124, 26134
F	24015, 24108, 24118, 26077, 26115, 26123, 26127, 26128, 26130, 26131, 26132, 26133, 26135, 26136, 26137, 26138, 26139, 26140, 26141, 26142, 26143, 26144, 26145, 26148, 26149, 26150


### **Duration**

Unit	03-03-25 to 11-04-25	12-04-25 to 22-05-25	23-05-25 to 31-07-25	01-08-25 to 11-09-25	12-09-25 to 22-10-25	23-10-25 to 02-12-25
Gynae & Obs.	A	B	C	D	E	F
Pediatrics	B	A	D	C	F	E
Surgery - I	C	D	E	F	A	B
Surgery - II	D	C	F	E	B	A
Medicine - I	E	F	A	B	C	D
Medicine - II	F	E	B	A	D	C

MAJOR GENERAL PROF. NAEEM NAQI (Retired)  
PRINCIPAL

## 4<sup>th</sup> Year MBBS Lecture Timetable

**TO BE SUBSTITUTED BEARING SAME NUMBER AND DATE**

  
**Lahore Medical & Dental College**  
 Canal Bank North, Tulpura, Lahore  
 Phone No. 0346-4418891-98  
 No. LMDC/ 83/-S5 /2025, Dated: 04-02-2025

### 4<sup>th</sup> YEAR M.B.B.S TIMETABLE SESSION 2021-2022 w.e.f. 10-02-2025

DAYS & TIME	08:00 a.m. to 08:50 a.m.	08:50 a.m. to 09:40 a.m.	09:40 a.m. to 10:30 a.m.	10:30 a.m. to 10:45 a.m.	10:45 a.m. to 01:35 p.m.	01:35 p.m. to 02:10 p.m.	02:10 p.m. to 03:00 p.m.
<b>MONDAY</b>	Pathology Lecture theatre No. 7	Medicine Lecture Theatre No. 7	Surgery-I Lecture Theatre No. 7	<b>Travel to GTTH</b>	Ward / SDL	<b>Travel to LMDC &amp; Break</b>	Community Medicine Lecture Theatre No. 7
<b>TUESDAY</b>	Practical Pathology Lab	Pathology Lecture Theatre No. 7	Community Medicine Lecture Theatre No. 7	11:10 a.m. to 11:25 a.m.	11:25 a.m. to 01:35 a.m.		EYE Lecture Theatre No. 7
<b>WEDNESDAY</b>	Community Medicine Lecture Theatre No. 7	EYE Lecture Theatre No. 7	Pathology Lecture Theatre No. 7	<b>Travel to GTTH</b>	Ward / SDL / Skill Lab		ENT Lecture Theatre No. 7
<b>THURSDAY</b>	Surgery-II Lecture Theatre No. 7	Pediatrics Lecture Theatre No. 7	Practical Pathology Lab	10:30 a.m. to 11:20 a.m.	11:20 a.m. to 12:10 p.m.		Pathology Lecture Theatre No. 7
<b>FRIDAY</b>	ENT Lecture Theatre No. 7	Obs. / Gynaec Lecture Theatre No. 7	Medicine Lecture Theatre No. 7	Pathology Lecture Theatre No. 7	Community Medicine Lecture Theatre No. 7		Community Medicine / Research Lecture Theatre No. 7 / CPC Auditorium

#### CC:-

- Principal, LM&DC
- Vice Principal, LM&DC
- Heads of All concerned Departments, LM&DC/GTTH
- Chief Administrative Officer / Director F&A, LM&DC, Lahore.
- Director Skills Lab, LM&DC
- Director IT, LM&DC
- Medical Education Department, LM&DC
- Medical Superintendent, GTTH
- Transport Incharge, LM&DC
- Lecture Theatre Incharge, LM&DC
- Warden/Assistant Warden Hostels (Boy/Girl)
- Security Supervisor, LM&DC
- Class Representative (Boy/Girl)
- M/s All Tons, LM&DC
- Notice Board

- \* In the month of February, March, April, June, July, & September 2025, 1<sup>st</sup> two Fridays Community Medicine, next Friday Research in Lecture Theatre No. 7 & last Friday CPC in Auditorium.
- \* In the month of May, August & October 2025, 1<sup>st</sup> two Fridays Community Medicine, next two Fridays Research in Lecture Theatre No. 7 & last Friday CPC in Auditorium.
- SDL for 30 minutes practical time.
- SDL for 1 hour ward time.
- Schedule of Skill Lab will be issued separately.

  
**MAJ. GEN. (R) PROF. DR. NAEEM NAQI**  
**PRINCIPAL**



## 4<sup>th</sup> Year MBBS Clinical Timetable

### NOTICE

### 4<sup>th</sup> YEAR MBBS

Time Table of clinical batches of 4<sup>th</sup> Year MBBS with effect from 10-02-2025.

4<sup>th</sup> year MBBS class has been divided in the following batches for clinical classes at GTTH for Surgery, Medicine, Paediatrics, Gynae/Obst., Eye, ENT:-

Batch	Roll No.
A	26019, 26028, 26051, 26126, 26129, 27006, 27008, 27015, 27028, 27030, 27036, 27037, 27038, 27055, 27076, 27124,
B	27010, 27011, 27012, 27013, 27014, 27017, 27018, 27019, 27021, 27023, 27024, 27033, 27047, 27090
C	27002, 27003, 27004, 27007, 27009, 27016, 27025, 27026, 27027, 27031, 27034, 27042, 27074, 27114, 27127
D	27005, 27040, 27043, 27045, 27048, 27049, 27052, 27053, 27054, 27093, 27113, 27141,
E	27029, 27056, 27057, 27058, 27059, 27060, 27064, 27065, 27067, 27069, 27072, 27075, 27091, 27094, 27103
F	27022, 27041, 27077, 27078, 27080, 27081, 27083, 27084, 27085, 27086, 27087, 27088, 27089, 27102
G	26098, 27046, 27062, 27068, 27071, 27079, 27095, 27097, 27098, 27104, 27105, 27106, 27107, 27108, 27109, 27119
H	27044, 27100, 27110, 27111, 27112, 27115, 27116, 27117, 27118, 27120, 27121, 27126
I	27035, 27122, 27125, 27128, 27130, 27133, 27134, 27136, 27137, 27138, 27148
J	27131, 27135, 27139, 27140, 27142, 27143, 27144, 27145, 27146, 27149, 27150, 27151, 27154

### Duration

Duration/ Unit	10-02-25 to 03-03-25	04-03-25 to 26-03-25	27-03-25 to 19-04-25	20-04-25 to 13-05-25	14-05-25 to 04-06-25	05-06-25 to 26-07-25	27-07-25 to 18-08-25	19-08-25 to 09-09-25	10-09-25 to 01-10-25	02-10-25 to 24-10-25
Eye	A+B		C+D		E+F		G+H		I+J	
Surgical Unit-I	C	D	E	F	G	H	I	J	A	B
Surgical Unit-II	D	C	F	E	H	G	J	I	B	A
Paediatrics	E	F	G	H	I	J	A	B	C	D
Gynae & Obst.	F	E	H	G	J	I	B	A	D	C
Medical Unit-I	G	H	I	J	A	B	C	D	E	F
Medical Unit -II	H	G	J	I	B	A	D	C	F	E
ENT	I+J		A+B		C+D		E+F		G+H	

MAJOR GENERAL PROF. NAEEM NAQI (Retired)  
PRINCIPAL

### 3<sup>rd</sup> Year MBBS Lecture Timetable

#### 3<sup>rd</sup> YEAR M.B.B.S RAMAZAN TIMETABLE SESSION 2022-2023 w.e.f. 24-03-2025 (MODULE 12 & 13) 4 WEEKS



**Lahore Medical & Dental College**  
Canal Bank North, Tulpupura, Lahore  
Phone No. 0346-4418891-98  
MEDICAL & DENTAL COLLEGE  
No. LMDC/7242-65/2025, Dated: 18-03-25

DAYS & TIME	08:00 a.m. to 08:45 a.m.	08:45 a.m. to 09:00 a.m.	09:00 a.m. to 10:30 a.m.	10:30a.m. to 10:45 a.m.	10:45 a.m. to 11:45 a.m.	11:45 a.m. to 12:30 p.m.	12:30 p.m. to 01:15 p.m.	01:15 p.m. to 02:00 p.m.
MONDAY	Pathology Lecture Theatre No. 11	Travel to GTTH	WARD/SDL	Travel To LMDC	Pharmacology ***Forensic Medicine/ C-FRC Clinical Pharma	A+B C+D E+F G+H	Pharmacology Lecture Theatre No. 11	Pharmacology Lecture Theatre No. 11
TUESDAY	Pharmacology Lecture Theatre No. 11				Pharmacology ***Forensic Medicine/ Pathology C-FRC Clinical Pharma	C+D E+F G+H	Forensic Medicine Lecture Theatre No. 11	Pharmacology Lecture Theatre No. 11
WEDNESDAY	Pharmacology Lecture Theatre No. 11				Pharmacology ***Forensic Medicine/ Pathology C-FRC Clinical Pharma	E+F G+H C+D	Pathology Lecture Theatre No. 11	Pharmacology Lecture Theatre No. 11
THURSDAY	Pharmacology Lecture Theatre No. 11				Pharmacology ***Forensic Medicine/ Pathology C-FRC Clinical Pharma	C+D E+F G+H	Behavioral Science/Community Medicine Lecture Theatre No. 11	Pharmacology Lecture Theatre No. 11
FRIDAY	Pharmacology Lecture Theatre No. 11	Surgery Lecture Theatre No. 11	GRAND TUTORIAL Pharmacology Forensic Medicine Pathology Clinical Pharma		09:30 a.m. to 10:45 a.m.	10:45 a.m. to 11:30 a.m.	11:30 a.m. to 12:15 p.m.	12:15 a.m. to 01:00 p.m.
					PERL Lecture Theatre No. 11		****Medicine/ Community Medicine Lecture Theatre No. 11	*****Pharmacology/ Integrate with Physiology/Biochemistry Lecture Theatre No. 11

- No. LMDC/  
Copy for information to the:-
- Principal, LMDC
  - Vice Principal, LMDC
  - Heads of All concerned Departments, LMDC/GTTH
  - HOD Medical Education, LMDC
  - Chief Administrative Officer / Director F&A, LMDC
  - Director Skills Lab, LMDC
  - Director IT, LMDC
  - Medical Superintendent, GTTH
  - Transport Incharge, LMDC
  - Lecture Theatre Incharge, LMDC
  - Warden / Assistant Warden Hostels (Boy/Girl)
  - Security Supervisor, LMDC
  - Class Representative (Boy/Girl)
  - Mis All Team, LMDC
  - Notice Board

2025, Dated:

- \*SDL 1 hour ward time.  
\*\*\*SDL 15 minutes practical time.  
\*\*\*\*Forensic Medicine 1-3 weeks and Pathology last week.  
\*\*\*\*\*Patient Safety 1-2 weeks and Psychiatry last 2 weeks.  
\*\*\*\*\*Behavioral Science 1-2 weeks and Community Medicine last 2 weeks.  
\*\*\*\*\*Medicine 1-2 weeks and Community Medicine last 2 weeks.  
\*\*\*\*\*Integrate with Physiology 1-2 weeks and Biochemistry last 2 weeks.  
\*\*\*\*\*Schedule of Ward time will be issued separately.  
\*\*\*\*\*Schedule of Clinical Foundation Rotation Clerkship (C-FRC) in Skill Lab in practical time will be issued separately.  
\*\*\*\*\*Expository writing to be managed by Pharmacology, Pathology & Forensic Medicine.

MAJ. GEN. (R) PROF. DR. NAEEM NAQI  
PRINCIPAL



## 3<sup>rd</sup> Year MBBS Clinical Timetable

### NOTICE

#### 3<sup>rd</sup> YEAR MBBS

Revised Time Table of clinical batches of 3<sup>rd</sup> Year MBBS with effect from 24-03-2025

3<sup>rd</sup> Year MBBS class has been divided in the following batches for clinical classes at GTTH for Surgery, Medicine, Pediatrics, Gynae/Obst. and Behavioural Sciences:-

Batch	Roll No.
A	27001, 27020, 27032, 27039, 27051, 27066, 27070, 27073, 27092, 27099, 27129, 27132, 27147, 27153, 28001, 28002, 28003, 28004, 28005
B	28006, 28007, 28008, 28009, 28010, 28011, 28012, 28014, 28015, 28016, 28017, 28018, 28019, 28020, 28021, 28022, 28026, 28027, 28028
C	28030, 28031, 28032, 28033, 28034, 28035, 28036, 28037, 28038, 28039, 28040, 28041, 28042, 28043, 28044, 28045, 28046, 28047, 28048
D	28049, 28050, 28051, 28052, 28053, 28054, 28055, 28056, 28057, 28058, 28059, 28060, 28061, 28062, 28063, 28064, 28065, 28067
E	28068, 28069, 28070, 28071, 28072, 28074, 28075, 28077, 28078, 28079, 28080, 28081, 28082, 28083, 28084, 28085, 28086, 28087
F	28088, 28089, 28090, 28091, 28092, 28094, 28095, 28096, 28097, 28098, 28099, 28100, 28101, 28102, 28103, 28104, 28105, 28106
G	28107, 28108, 28109, 28110, 28111, 28112, 28113, 28114, 28116, 28117, 28118, 28119, 28121, 28123, 28125, 28126, 28127, 28128
H	28129, 28131, 28132, 28133, 28134, 28135, 28136, 28138, 28139, 28140, 28141, 28142, 28143, 28144, 28145, 28146, 28147, 28149

#### Duration

	24-03-25 to 22-04-25	23-04-25 to 20-05-25	21-05-25 to 22-07-25	23-07-25 to 17-08-25	18-08-25 to 15-09-25	16-09-25 to 13-10-25	14-10-25 to 10-11-25	11-11-25 to 09-12-25
Medicine-I	A	B	C	D	E	F	G	H
Medicine-II	B	A	D	C	F	E	H	G
Surgery-II	C	D	E	F	G	H	A	B
Surgery-I	D	C	F	E	H	G	B	A
Medicine Allied	E	F	G	H	A	B	C	D
Surgery Allied/ Orthopaedics	F	E	H	G	B	A	D	C
Paeds/Gynae	G	H	A	B	C	D	E	F
Beh. Sciences	H	G	B	A	D	C	F	E

#### Paeds and Gynae Batches further Distribution

Batch	Paeds	Gynae
G	24-03-25 to 08-04-25	09-04-25 to 22-04-25
H	23-04-25 to 06-05-25	07-05-25 to 20-05-25
A	21-05-25 to 03-06-25	04-06-25 to 22-07-25
B	23-07-25 to 04-08-25	05-08-25 to 17-08-25
C	18-08-25 to 01-09-25	02-09-25 to 15-09-25
D	16-09-25 to 29-09-25	30-09-25 to 13-10-25
E	14-10-25 to 27-10-25	28-10-25 to 10-11-25
F	11-11-25 to 24-11-25	25-11-25 to 09-12-25

MAJOR GENERAL, PROF, NAEEM NAQI (Retired)

<b>1st Year MBBS</b>			
Block 1	12 hours		
Block 2	3 hours		
Block 3	15 hours		
Total hrs	30 hours		
<b>2nd Year MBBS</b>			
Block 1	15		
Block 2	5		
Block 3	10		
Total hrs	30 hours		

**Medicine teaching during first three years through modular curriculum.**

**Medicine is taught through integrating with basic subjects through interactive lectures, acquiring skills in skill labs and wards**

### **Learning Objectives**

- Understand basic medical sciences and their clinical relevance**
- Develop essential clinical skills for patient assessment**

### **The Main focus is on**

- Interdisciplinary approach for comprehensive understanding**
  - Early clinical exposure for practical application**
  - Emphasis on problem-solving and critical thinking**



### **ROBUST FEEDBACK SYSTEMS:**

- Feedback on attendance report is forwarded to students and parents on daily basis.
- Feedback on academic performance Academic performance report is also regularly forwarded to students and parents.
- Individual students are given feedback on their academic performance in one to one session.
- MCQ and SEQ papers are also discussed with students in small groups. Parents of weak students are regularly contacted.

### **COUNSELLING**

For students will include

- **Career Guidance**
- **Psycho-social Counselling**

### **COUNSELING FACILITIES FOR STUDENTS:**

- Senior faculty members of Medicine department are actively involved in resolving academic and non-academic issues of allocated students.
- Individual students are also referred to the student counselor, if needed