



DEPARTMENT OF MEDICINE



STUDY GUIDE 2024

LAHORE MEDICAL AND DENTAL COLLEGE

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.

TABLE OF CONTENTS

- **Departmental Faculty & Staff Hierarchy (with pictures) / Plan**

- **Introduction / Rationale of Subject**







Level of Student: ___ Year MBBS

Duration of Session: Start Month, Year – End Month, Year

- **Learning Outcomes of Subject**
- **Content/Syllabus (PMDC / UHS)**
- **Teaching & Learning Methodologies (Instructional Strategies)**
- **Learning Resources**
- **Assessments Methods**
- **Formative and Summative Exam Rules and Regulations**
- **Schedule/ Planner/Timetable**
- **Counselling**
 - **Career Guidance***
 - **Psychosocial Counselling***

DEPARTMENTAL CONSULTANTS / HIERARCHY PLAN

Medicine department teaching staff consists of

Name	Designation		Qualification
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 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

3rd, 4th and 5th year MBBS students

DURATION OF FINAL YEAR SESSION:

APRIL 2024- DECEMBER 2024

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.

General Medicine
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
GASTROENTEROLOGY
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*.
KIDNEY AND GENITOURINARY SYSTEM
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*.
RESPIRATORY SYSTEM
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) **
CARDIOVASCULAR SYSTEM
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**, Corpulmonale 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
CENTRAL NERVOUS SYSTEM
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/quadruplegia** : Thrombotic, Hemorrhagic and Embolic
Paraplegia/paraparesis/quadruplegia* : 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 monocular 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.
MUSCULOSKELETAL SYSTEM
Joint pain and/or Joint swelling:
o Monoarthritis* or Polyarthritis*
o Large Joint involvement: Osteoarthritis, Septic arthritis*, Haemarthrosis and polyarthritis migricans* (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
BLOOD
Pallor: Anaemias.
Microcytic Hypochromic (Iron deficiency)**: Increased Loss and Decreased uptake (Malabsorption, Tuberculous 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-corporcular: G6P Deficiency, Malaria, Sickle cell syndromes (brief) and Thalassaemias
Extra-corporcular 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

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 24th Edition.
- Kumar and Clark's Clinical Medicine 10th Edition
- Essentials of Clinical Medicine by Wasim Amer 1st Edition
- Current medical diagnosis and therapeutics
- Hutchison's clinical methods 25th 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, 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 5th 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	5	45 marks	45	1	25	200	210	65	25	300	500
			SEQs	marks each		MCQs	marks each							
			2 hours		1 hour									
2.	Medicine - II	45 marks	9	5	40 marks	40	1	25	200	210	65	25	300	500
			SEQs	marks each		MCQs	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 75 % 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

5th Year MBBS Lecture Timetable

Lahore Medical & Dental College
 Canal Bank North, Tulsipura, Lahore
 Phone No. 0346-4418891-98
 No. LMDC/ /2024, Dated:



5th YEAR M.B.B.S. TIMETABLE SESSION 2019-2020 w.e.f. 15-04-2024

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-II Lecture Theatre No. 2	Paediatrics Lecture Theatre No. 2	Medicine Lecture Theatre No. 2	Travel to GTHH & Break	Ward / SDL / Skill Lab	Travel to LMDC
TUESDAY	Surgery-I 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-I/ Radiology (24-10-24 to 12-12-24) Lecture Theatre No. 2	Obs. / Gynae Lecture Theatre No. 2	Medicine Lecture Theatre No. 2		Ward / SDL	
FRIDAY	Surgery-II/ Anaesthesia (18-10-24 to 06-12-24) Lecture Theatre No. 2	Urology Lecture Theatre No. 2	Dermatology 01-04-24 to 23-08-24 Psychiatry 26-08-24 to 06-12-24 Lecture Theatre No. 2	Travel to GTHH	* 10:45 a.m. to 12:45 p.m.	12:45 p.m. to 01:00 p.m.
					Ward / SDL	Travel to LMDC
					** 10:45 a.m. to 11:55 a.m.	11:55 a.m. to 12:10 p.m.
					Ward / SDL	Travel to LMDC
						*** CPC Auditorium

No. LM&DC/ 5158-85/2024, Dated: 9-4-24

Copy for information to the:-

1. Principal, LMDC
2. Heads of All concerned Departments, LMDC/GTHH
3. Director Administration, LMDC
4. Director Skills Lab, LMDC
5. Director IT, LMDC
6. Medical Education Department, LMDC
7. Medical Superintendent, GTHH
8. Transport Incharge, LMDC
9. Lecture Theatre Incharge, LMDC
10. Assistant Warden Hostels (Boy/Girl)
11. Security Supervisor, LMDC
12. Class Representative (Boy/Girl)
13. M/s Ali Tours, LMDC
14. Notice Board

* In the month of April, June, July, September & October 2024, 1st three Fridays of every month Ward / SDL from 10:45 a.m. to 12:45 p.m. and 4th Friday of every month Ward / SDL from 10:45 a.m. to 11:55 a.m.

** In the month of May, August & November 2024, 1st four Fridays of every month Ward / SDL from 10:45 a.m. to 12:45 p.m. and 5th 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.

MAI GEN (B) DDOF DR NAEEM NAQI

5th Year MBBS Clinical Timetable

NOTICE

FINAL YEAR MBBS

Time Table of Clinical Batches of Final Year MBBS with effect from 01-04-2024

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

Batch	Roll No.
A	14069, 19144, 21144, 22012, 22094, 23007, 23016, 23120, 24017, 24057, 25001, 25002, 25003, 25004, 25005, 25006, 25007, 25008, 25009, 25010, 25011, 25012, 25013, 25014, 25015
B	25016, 25017, 25018, 25019, 25020, 25021, 25022, 25023, 25024, 25026, 25027, 25029, 25030, 25031, 25032, 25033, 25034, 25035, 25037, 25038, 25039, 25040, 25041, 25042, 25043
C	25044, 25045, 25047, 25048, 25050, 25051, 25052, 25054, 25055, 25056, 25057, 25058, 25059, 25060, 25061, 25063, 25064, 25065, 25066, 25067, 25068, 25069, 25070, 25071, 25072
D	25053, 25073, 25074, 25075, 25076, 25077, 25078, 25079, 25080, 25081, 25082, 25084, 25085, 25086, 25087, 25088, 25090, 25091, 25092, 25093, 25094, 25095, 25096, 25097, 25098
E	25099, 25101, 25102, 25103, 25104, 25106, 25107, 25108, 25109, 25110, 25111, 25112, 25114, 25115, 25116, 25118, 25119, 25120, 25121, 25122, 25123, 25124, 25125, 25126, 25127
F	25129, 25130, 25131, 25132, 25134, 25136, 25137, 25138, 25140, 25141, 25142, 25143, 25144, 25145, 25146, 25147, 25148, 25149, 25150, 25151, 25152, 25153, 25154, 25156, 25157, 25158

Duration

Unit	01-04-24 to 07-05-24	08-05-24 to 13-06-24	14-06-24 to 22-08-24	23-08-24 to 28-09-24	29-09-24 to 04-11-24	05-11-24 to 11-12-24
Medicine-I	A	B	C	D	E	F
Medicine-II	B	A	D	C	F	E
Surgery-II	C	D	E	F	A	B
Surgery-I	D	C	F	E	B	A
Gynae & Obst	E	F	A	B	C	D
Paeds	F	E	B	A	D	C

MAJOR GENERAL PROF. NAEEM NAQI (Retired)
PRINCIPAL

4th Year MBBS Lecture Timetable

Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore

Phone No. 0346-4418891-98

No. LMDC/ /2024, Dated:



LAHORE
MEDICAL & DENTAL
COLLEGE

REVISED VENUE: 4th YEAR M.B.B.S TIMETABLE SESSION 2020-2021 w.e.f. 15-04-2024

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

No. LM&DC/ 5138-57 /2024, Dated: 9-4-24

Copy for information to the:-

1. Principal, LMDC
2. Heads of All concerned Departments, LMDC/GTTH
3. Director Administration, LMDC
4. Director Skills Lab, LMDC
5. Director IT, LMDC
6. Medical Education Department, LMDC
7. Medical Superintendent, GTTH
8. Transport Incharge, LMDC
9. Lecture Theatre Incharge, LMDC
10. Warden/Assistant Warden Hostels (Boy/Girl)
11. Security Supervisor, LMDC
12. Class Representative (Boy/Girl)
13. * M/s Ali Tours, LMDC
14. Notice Board

* In the month of April, June, July, September & October 2024, 1st two Fridays Community Medicine, next Friday Research in Lecture Theatre No. 7 & last Friday CPC in Auditorium.
* In the month of May, August & November 2024, 1st 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

4th Year MBBS Clinical Timetable

NOTICE

4th YEAR MBBS


Time Table of clinical batches of 4th Year MBBS with effect from 04-03-2024

4th 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	24108,24118,25046,25113,25135,26001,26002,26003,26004,26005,26006 26151,26152,26153
B	26007, 26008, 26009, 26010 26011, 26012, 26013, 26014, 26015, 26016, 26017 26018, 26019, 26020
C	26021, 26022, 26023, 26024, 26026, 26027, 26029, 26030, 26031, 26032,26033 26034, 26035, 26036, 26037
D	26039, 26040, 26041, 26042, 26043, 26044, 26045, 26046, 26047, 26048, 26049 26050, 26052, 26053
E	26054, 26055, 26056, 26057, 26058, 26059, 26060, 26061, 26062, 26063, 26064 26065, 26066, 26067, 26068
F	26069, 26070, 26072, 26073, 26074, 26075, 26076, 26077, 26078, 26079, 26080 26081, 26082, 26085, 26086
G	26087, 26088, 26089, 26090, 26091, 26092, 26093, 26094, 26095, 26096, 26097 26099, 26100, 26101, 26102
H	26103, 26104, 26105, 26107, 26108, 26109, 26110, 26111, 26112, 26113, 26114 26115, 26117, 26118, 26119
I	26120, 26121, 26122, 26123, 26124, 26127, 26128, 26129, 26130, 26131, 26132 26133, 26134, 26135, 26136
J	26137, 26138, 26139, 26140, 26141, 26142, 26143, 26144, 26145, 26146, 26147 26148, 26149, 26150

Duration

Duration/ Unit	04-03-24 to 25-03-24	26-03-24 to 21-04-24	22-04-24 to 12-05-24	13-05-24 to 02-06-24	03-06-24 to 28-07-24	29-07-24 to 18-08-24	19-08-24 to 08-09-24	09-09-24 to 29-09-24	30-09-24 to 20-10-24	21-10-24 to 10-11-24
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

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

Medicine teaching during Basic years through modular curriculum.

Medicine is taught through integrating with basic subjects through interactive lectures

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**

3rd Year MBBS Lecture Timetable

Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2024, Dated:



3rd YEAR M.B.B.S. TIMETABLE SESSION 2021-2022 w.e.f. 12-02-2024

DAYS & TIME	08:00 a.m. to 09:40 a.m.	09:40 a.m. to 09:55 a.m.	09:55 a.m. to 12:10 p.m.	12:10 p.m. to 12:25 p.m.	12:25 p.m. to 12:40 p.m.	12:40 p.m. to 01:30 p.m.	01:30 p.m. to 03:00 p.m.
MONDAY	1 st week Pharmacology 2 nd week Community Medicine 3 rd week Pathology 4 th week Clinical Pharmacology Lecture Theatre No. 11	Grand Tutorial	Ward / SDL	Travel to LMDC	Break	Pathology Lecture Theatre No. 11	Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma
	08:00 a.m. to 08:50 a.m. Pharmacology Lecture Theatre No. 11	08:50 a.m. to 09:40 a.m. Pharmacology Lecture Theatre No. 11	Ward / SDL / Skill Lab				
TUESDAY	Pharmacology Lecture Theatre No. 11	Travel to GTH	Ward / SDL	Travel to LMDC	Break	Forensic Medicine Lecture Theatre No. 11	Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma
WEDNESDAY	Pharmacology Lecture Theatre No. 11	Pharmacology Lecture Theatre No. 11	Ward / SDL				
THURSDAY	Pharmacology Lecture Theatre No. 11	09:40 a.m. to 10:30 a.m. EYE Lecture Theatre No. 11	10:30 a.m. to 11:00 a.m. Break	11:00 a.m. to 11:50 a.m. Pathology Lecture Theatre No. 11	11:50 a.m. to 12:40 p.m. Pharmacology Lecture Theatre No. 11	Behavioural Sciences Lecture Theatre No. 11	Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma
	Pharmacology Lecture Theatre No. 11	ENT Lecture Theatre No. 11	09:40 a.m. to 10:30 a.m. Pathology Lecture Theatre No. 11	10:30 a.m. to 11:20 a.m.	11:20 a.m. to 11:30 a.m.		
FRIDAY	Pharmacology Lecture Theatre No. 11	Pathology Lecture Theatre No. 11	*** Medicine / Surgery Lecture Theatre No. 11	*** Medicine / Surgery Lecture Theatre No. 11	Break		11:30 a.m. to 01:00 p.m. Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma

No. LM&DC/14/27-50 /2024, Dated: 02-02-24

Copy for Information to the:-

1. Principal, LMDC
2. Heads of All concerned Departments, LMDC/GTH
3. Director Administration, LMDC
4. Director Skills Lab, LMDC
5. Director IT, LMDC
6. Medical Education Department, LMDC
7. Medical Superintendent, GTH
8. Chairman Timetable Committee, LMDC
9. Transport Incharge, LMDC
10. Lecture Theatre Incharge, LMDC
11. Warden/Assistant Warden Hostels (Boys/Girls)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s All Tours, LMDC
15. Notice Board

* SDL 1 hour ward time.

** SDL 30 minutes practical time.

*** Medicine / Surgery lecture schedule will be issued separately.

• Schedule of 6 field visits of Forensic Medicine will be issued separately.

• Schedule of Skill lab will be issued separately.

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

3rd Year MBBS Clinical Timetable

NOTICE

3rd YEAR MBBS

Revised Time Table of clinical batches of 3rd Year MBBS with immediate effect

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

Batch	Roll No.
A	26098, 26126, 27001, 27002, 27003, 27004, 27005, 27006, 27007, 27008, 27009, 27010, 27011, 27012
B	27013, 27014, 27015, 27016, 27017, 27018, 27019, 27020, 27021, 27022, 27023, 27024, 27025, 27026
C	27028, 27029, 27030, 27031, 27033, 27034, 27035, 27036, 27037, 27038, 27040, 27041, 27042, 27043
D	27044, 27045, 27046, 27047, 27048, 27049, 27051, 27052, 27053, 27054, 27055, 27056, 27057, 27058
E	27059, 27060, 27062, 27064, 27065, 27067, 27068, 27069, 27070, 27071, 27072, 27073, 27074, 27075
F	27076, 27077, 27078, 27079, 27080, 27081, 27083, 27084, 27085, 27086, 27087, 27088, 27089, 27090
G	27091, 27092, 27093, 27094, 27095, 27097, 27098, 27100, 27102, 27103, 27104, 27105, 27106, 27107
H	27108, 27109, 27110, 27111, 27112, 27113, 27114, 27115, 27116, 27117, 27118, 27119, 27120, 27121
I	27122, 27124, 27125, 27126, 27127, 27128, 27130, 27131, 27133, 27134, 27135, 27136, 27137, 27138
J	27139, 27140, 27141, 27142, 27143, 27144, 27145, 27146, 27147, 27148, 27149, 27150, 27151, 27153

Duration

	12-02-24 to 08-03-24	09-03-24 to 02-04-24	03-04-24 to 24-04-24	25-04-24 to 16-05-24	17-05-24 to 07-06-24	08-06-24 to 28-07-24	29-07-24 to 19-08-24	20-08-24 to 10-09-24	11-09-24 to 02-10-24	03-10-24 to 24-10-24
Medicine-I	A	B	C	D	E	F	G	H	I	J
Medicine-II	B	A	D	C	F	E	H	G	J	I
Surgery-II	C	D	E	F	G	H	I	J	A	B
Surgery-I	D	C	F	E	H	G	J	I	B	A
Eye	E + F		G + H		I + J		A + B		C + D	
ENT	G + H		I + J		A + B		C + D		E + F	
Paeds	I	J	A	B	C	D	E	F	G	H
Beh. Sciences	J	I	B	A	D	C	F	E	H	G

MAJOR GENERAL PROF. NAEEM NAQI (Retired)
PRINCIPAL

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**
- **Psychosocial 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