



STUDY GUIDE BDS

DEPARTMENT OF MEDICINE



LAHORE MEDICAL AND DENTAL COLLEGE

Study Guide, Department of Medicine, 2026

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INTRODUCTION

Medical education is a life-long process and BDS curriculum is a part of the continuum of education from pre-medical education, BDS, 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 during third year BDS.

PURPOSE OF GUIDE: To facilitate learning of the student by educating them about organization of the learning program, facilitate students in managing their studies through the academic year and guidance on assessments methods, exam rules and regulations.

TARGET AUDIENCE

3RD year BDS students

LEARNING OBJECTIVES (knowledge, skills, attitude)

- 1) to equip the students with specific knowledge, essential skills and appropriate attitude towards the human body not just focusing on oral cavity
- 2) to become problem solvers, dealing effectively with familiar and unfamiliar problems
- 3) to become lifelong learners
- 4) to direct their own learning and evaluate this activity
- 5) to be able to reason critically and make justifiable decisions regarding patient management
- 6) to practice evidence-based medicine
- 7) to always ensure patient safety
- 8) to ensure compliance with the legal system as it impacts health care and the PM&DC regulations
- 9) to adopt a multidisciplinary approach for health promoting interventions
- 10) to be able to demonstrate professional values of self and professional accountability, honesty, probity, and ethics
- 11) to be able to demonstrate exemplary professional conduct
- 12) to be able to understand the pathogenesis of specific diseases
- 13) to be able to take a thorough focused history and identify the patient's risk factors related to the disease process
- 14) to be able to perform a physical examination on a patient, to diagnose specific diseases and rule out other diseases
- 15) to formulate a provisional diagnosis with justification, and the likely differential diagnoses

- 16) to be able to select appropriate hematological, biochemical and microbiological investigations and interpret their reports to confirm the diagnosis
- 17) to be able to select specific radiological investigations for specific diseases
- 18) to be able to apply evidence-based medicine concepts for the medical treatment of different diseases
- 19) to be able to write prescriptions in appropriate format according to the disease

TEACHING METHODOLOGIES FOR MEDICINE

- 1) Interactive Lectures
- 2) Tutorials
- 3) Case based learning (CBL)
- 4) Essential Skills to be learned in the skills lab
- 5) Power point presentations by students
- 6) Small group discussions
- 7) Clinical ward rotations
- 8) CPC's – using modern audio-visual techniques, distant learning using electronic devices and current Information technology facilities
- 9) 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

ATTENDANCE REQUIREMENT FOR MEDICINE AND ALLIED

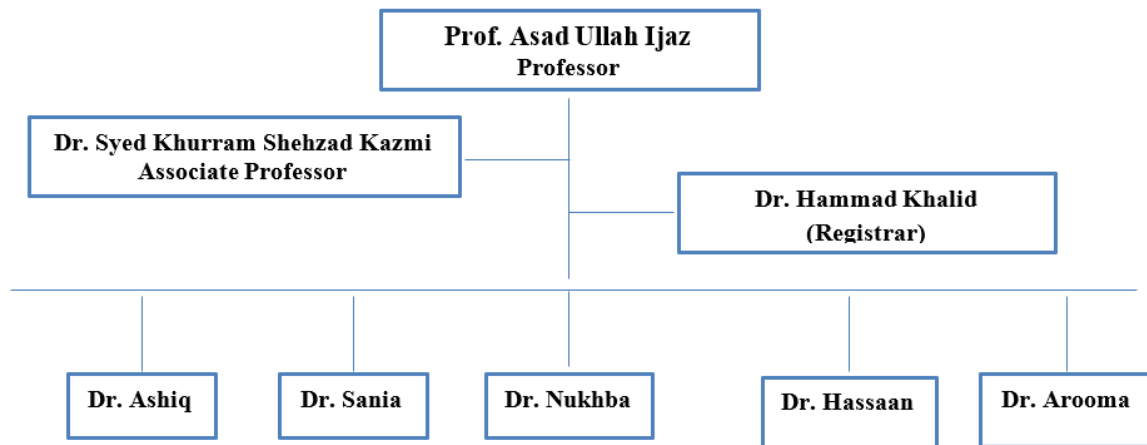
- 1) Students are expected to attend all scheduled teaching sessions and examinations
- 2) Attendance in lectures, tutorials, and wards is mandatory. Absence from these sessions will make the students ineligible to sit the final summative assessment.
- 3) A minimum of 75 % attendance in the lectures and wards is mandatory to appear in the summative UHS examination
- 4) Attendance will be recorded through a log-in/log-out biometrics system
- 5) Absence due to illness must be certified appropriately by the General Physician

DURATION OF SESSION: 11th April 2022 – 14th January 2023

DEPARTMENTAL STAFF HIERARCHY/ PLAN

HIERARCHY DEPARTMENT OF MEDICINE

DENTAL SECTION



COURSE TO BE STUDIED (syllabus)

The course outline is as follows:

By the third year BDS, 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.

Diseases of cardiovascular system

Rheumatic fever
Rheumatic heart disease
Ischemic heart disease
Differential diagnosis of acute chest pain and management principles
Cardiac failure
Cardio-pulmonary resuscitation: Basic life support (BLS) and advanced life support (ALS)
Pericarditis
Valvular heart disease
Infective endocarditis
Congenital heart disease
Pericarditis
Hypertension

Diseases of respiratory system

Chronic bronchitis
Bronchial asthma
Emphysema
Bronchiectasis
Pneumonias
Tuberculosis
Respiratory distress syndrome of the newborn (hyaline membrane disease) and adult
Pulmonary edema
Pulmonary thrombo-embolism
Acute respiratory obstruction
Respiratory failure
Cystic fibrosis
Bronchial carcinoma
Cyanosis
Dyspnea
Finger clubbing

Hematological Diseases

Anemias (all types)
Polycythemia
Leukemias
Myeloproliferative and myelodysplastic disorders
Thrombocytopenias
Hemophilia, von Willebrand disease, Christmas disease and other disorders of blood clotting system

Infectious Diseases

Common bacterial infections
Common parasitic infections
Common protozoal infections
Common fungal infections
Common viral infections

Diseases of nervous system

Meningitis

Infections of CNS

Headache

Migraine

Cluster headaches

Facial pain with special emphasis on trigeminal neuralgia, vagoglossopharyngeal neuralgia, multiple sclerosis and other central/peripheral causes

Facial paralysis central and peripheral causes with special emphasis on differentiation of upper motor neuron and lower motor neuron lesions and Bell's palsy

Cerebrovascular accident

Hemiplegia and paraplegia

Epilepsy

Parkinson's disease

Dementia, Alzheimer's disease

Cerebral edema

Diseases of gastrointestinal system

Esophagitis

Peptic ulcer

Duodenal ulcer

Coeliac disease

Inflammatory bowel disease

Chronic diarrhea

Cancers of GIT

Diseases of liver

- Acute and chronic infections, viral hepatitis A,B,C,
- Liver cirrhosis
- Alcoholic liver disease
- Liver Abscess
- Hepatic encephalopathy
- Hepatocellular carcinoma
- Jaundice: hereditary and acquired causes
- Liver function tests: rationale and interpretation

Diseases of kidneys

- Nephrotic syndrome
- Infections of the kidney and urinary tract system
- Acute and chronic renal failure
- Uremia
- Kidney stones
- Renal dialysis and transplants

Diseases of Endocrine System.

- Disorders related to the hyper and hypo secretions of the pituitary gland
- Disorders related to the hyper and hypo secretions of the thyroid gland
- Disorders related to the hyper and hypo secretions of the parathyroid glands
- Disorders related to the hyper and hypo secretions of the adrenal cortex
- Disorders related to the hyper and hypo secretions of the adrenal medulla
- Disorders related to the hyper and hypo secretions of Islets of Langerhans

ALIGNMENT OF EDUCATION WITH STUDY HOURS (3rd year BDS)

Session Length: 10 months

Lectures

2 lectures/week; 45 min each

[90 min (1.5 hours) each week = 60 hours per session

	PMDC Hours	LMDC Hours
Lectures	50	60

Wards

Morning

3 hours per day; 2 days a week (10 months)

Each student will attend medicine ward for 5 months

Each student will attend 120 hours of morning wards

Evening

3 hours per day; 2 days a week (2 classes / week; 10 classes in 5 weeks)

	PMDC Hours	LMDC Hours
Wards (Practical)	150	120+30=150

3rd Year BDS Lecture Time Table



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No. UMDC/FD/ /26 dated

3rd YEAR BDS TIME TABLE w.e.f. 04-05-2026

Day	8:00am to 8:50am	8:50am to 9:40am	9:40am to 9:55am	9:55am to 3:00pm				
Monday	Periodontics Lecture Lecture Theater 5	**Prosthodontics Lecture/ Periodontics Lecture Theater 5	BREAK	Clinical Practice Dentistry (Tutorial by facilitator + Chair side teaching & learning + Self-directed learning)				
Tuesday	8:00am to 8:50am	8:50am to 9:40am	9:40am to 9:55am	9:55am to 10:45am	10:45am to 11:35am	11:35am to 3:00pm		
	Oral Pathology Lecture Theater 5	Oral Pathology Practical Oral Biology Lab/ Theater 5	BREAK	Oral Pathology Lecture Theater 5	Oral Medicine Lecture Lecture Theater 5	***Clinical Practice Dentistry (Tutorial by facilitator + Chair side teaching & learning + Self-directed learning)		
Wednesday	8:00am to 8:50am	8:50am to 9:40am	9:40am to 9:55am	9:55am to 10:45am	10:45am to 11:35am	11:35am to 11:45am	11:45am to 2:45pm	2:45pm to 3:00pm
	Oral Medicine Lecture Theater 5	General Surgery Lecture Theater 5	BREAK	General Medicine Lecture Theater 5	Oral Pathology Lecture Lecture Theater 5	Travel time LMDC to GTTH	Surgery/Medicine Wards GTTH	Travel time GTTH to LMDC
Thursday	8:00am to 8:50am	8:50am to 9:40am	9:40am to 9:55am	9:55am to 10:45am	10:45am to 11:35am	11:35am to 11:45am	11:45am to 2:45pm	2:45pm to 3:00pm
	Operative Dentistry Lecture Theater 5	General Surgery Lecture Theater 5	BREAK	General Medicine Lecture Theater 5	Periodontics Lecture Lecture Theater 5	Travel time LMDC to GTTH	Surgery/Medicine Wards GTTH	Travel time GTTH to LMDC
Friday	8:50am to 9:40am	9:40am to 1:00pm	1:00pm to 3:00pm					
	Oral Pathology Lecture Theater 5	Oral Surgery Lecture/ * Oral Pathology Lecture Lecture Theater 5	Clinical Practice Dentistry(Tutorial by facilitator + Chair side teaching & learning)					SDL

NOTE: * After 6 Months, Oral Surgery Lectures will be switched with Oral Pathology Lectures.
** After 6 Months, Prosthodontic Lectures will be switched with Periodontology Lectures.
*** Tuesday of every week in Operative dentistry will be dedicated to Pedodontics (Clinical Rotation).

NO. UMDC/FD/ 1476-92 /2026, Dated: 08-04-2021

3rd Year BDS Clinical Time Table

NOTICE **3rd YEAR BDS**

Time Table of clinical batches effective from 04-05-26

Third year BDS class has been divided in the following batches for clinical classes at GTTH for Surgery and Medicine:-

Batch	Roll No.
A	2607, 2801, 2802, 2803, 2805, 2804, 2806
B	2609, 2807, 2808, 2809, 2810, 2811, 2812
C	2712, 2813, 2814, 2815, 2816, 2817, 2818
D	2723, 2819, 2820, 2821, 2822, 2824, 2825
E	2776, 2826, 2827, 2828, 2831, 2832, 2833
F	2834, 2835, 2836, 2838, 2839, 2840, 2841
G	2842, 2843, 2844, 2845, 2846, 2847, 2848
H	2849, 2850, 2851, 2852, 2853, 2855, 2856
I	2857, 2858, 2859, 2860, 2863, 2865, 2866
J	2867, 2870, 2871, 2872, 2873, 2875

Duration

Duration/ Unit	04-05-26 12-07-26	13-07-26 20-09-26	21-09-26 29-11-26	30-11-26 07-02-27
Surgical Unit-I	A+B	C + D	E + F + G	H + I + J
Surgical Unit-II	C + D	A+B	H + I + J	E + F + G
Medical Unit -- I	E + F + G	H + I + J	A+B	C + D
Medical Unit -- II	H + I + J	E + F + G	C + D	A+B

3rd Year BDS Evening Clinical classes

Time Table

3RD YEAR BDS 2026

Evening Clinical Classes Time Table

Date	Batches
04-05-2026 to 05-06-2026	E + F + G
08-06-2026 to 10-07-2026	H + I + J
28-09-2026 to 31-10-2026	A + B
01-11-2026 to 04-12-2026	C + D

*Evening clinical class on every Wednesday & Thursday from 03:00-06:00 pm according to following schedule

Day	Time	Class	Teacher
Wednesday	03:00-04:30 pm 04:30-06:00 pm	Emergency SDL	Dr. Sohaib Haider SR PG on duty
Thursday	03:00-04:30 pm 04:30-06:00 pm	Emergency SDL	Dr. Ameer SR PG on duty

3rd Year BDS BLS Time Table

NOTICE 3rd Year BDS (BLS)

Time Table of BLS batches effective from 04-05-26

Third year BDS class has been divided in the following batches for BLS workshops for Surgery and Medicine:-

Batch	Date
E+F+G	18-06-2026
H+I+J	27-08-2026
A+B	01-10-2026
C+D	03-12-2026

ASSESSMENT METHODOLOGY

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 (100 marks) and one OSCE comprising of 10 stations (30 marks), 25 marks contributed by ward attendance and histories taken
Total marks= 200

MARKS UHS PAPER

The examination in the subject of General Medicine shall be as follows:-

- I. One written paper of 90 marks in General Medicine consisting of 90 Multiple Choice Questions (MCQs) of 90 marks
- II. Oral and Practical examination shall have 90 marks.
- III. The continuous internal assessment shall carry 20 marks i.e 10% of the total allocated marks for the subject. The score will be equally distributed to the theory and practical examinations.

LEARNING RESOURCES

Recommended books

- 1) Davidson's Principles and Practices of Medicine.
- 2) Kumar and Clark's Clinical Medicine
- 3) Essentials of clinical medicine by Prof Wasim Amer
- 4) Macleod's clinical methods
- 5) Online Journals and Reading Materials through HEC Digital Library Facility.

Technologies to be used

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

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