



DEPARTMENT OF DERMATOLOGY



LAHORE MEDICAL AND DENTAL COLLEGE

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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 dermatology for final year.

PURPOSE OF GUIDE:

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

TARGET AUDIENCE

5th year MBBS students

LEARNING OBJECTIVES (*knowledge, skills, attitude*)

- 1) To equip the students with specific knowledge, essential skills and appropriate attitude towards the human body
- 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 be able to understand the pathogenesis of specific diseases
- 10) To be able to take a thorough focused history and identify the patient's risk factors related to the disease process
- 11) To be able to perform a physical examination on a patient, to diagnose specific diseases and rule out other diseases
- 12) To formulate a provisional diagnosis with justification, and the likely differential diagnoses
- 13) To be able to understand the pathogenesis of specific diseases

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

TEACHING METHODOLOGIES FOR DERMATOLOGY

- 1) Interactive Lectures
- 2) Student presentations
- 3) Case based learning (CBL)
- 4) Tutorials
- 5) Essential Skills learned in department
- 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) Journal Club meetings
- 10) 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:

MARCH 2025- NOVEMBER 2025

DEPARTMENTAL CONSULTANTS / HIERARCHY PLAN

Dermatology department teaching staff consists of:

1. Professor Haroon Nabi (Head of Department)
2. Dr. Aliza Hamadani (Senior Registrar)
3. Dr. Ayesha Arshad Chattha (Senior Registrar)
4. Dr. Iram Kausar (Senior Registrar)

COURSE TO BE STUDIED (syllabus)

The course outline is as follows:

The students will be taught all these topics.

By the end of final year, 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.

Introduction and Basics of Dermatology
Introduction and History taking
Anatomy and Physiology of Skin
Basic skin lesions
Itchy Dermatoses
Scabies
Pediculosis
Urticaria
Eczemas
Seborrheic dermatitis
Contact dermatitis
Papulosquamous disorders
Psoriasis
Erythroderma
Lichen planus
Disorders of sebaceous glands
Acne vulgaris

Rosacea
Bullous disorders
Pemphigus
Pemphigoid
Dermatitis herpetiformis
Erythema multiforme
SJS/TEN
Infections
Bacterial infections (Staphylococcal/Streptococcal)
Fungal infections
Viral infections
Leishmaniasis
Cutaneous Tuberculosis
Leprosy
Skin and cutaneous manifestations of systemic disorders
Systemic lupus erythematosus
Systemic sclerosis
Dermatomyositis
Diabetes
Hair disorders
Alopecia
Telogen effluvium
Pigmentary disorders
Vitiligo
Melasma
Cutaneous Malignancies
Squamous cell carcinoma
Basal cell carcinoma
Malignant melanoma

ASSESSMENT METHODOLOGY

Formative

Theory, single best multiple choice questions at the end of each topic completed. MCQs and SEQs for all topics tests at end of session.

Clinical ward test, comprising of 10 MCQs, 1 SEQ and viva voce contributed by ward attendance and histories taken

Total marks= 100

Summative UHS examination (to be held at the end of 5th year MBBS)

Dermatology will be a part of Paper-II (medicine).

It will include:

1. Introduction and Basics of Dermatology
2. Itchy dermatosis
3. Papulo-squamous disorders
4. Disorders of sebaceous glands
5. Bullous disorders
6. Infections
7. Skin and cutaneous manifestations of systemic disorders
8. Hair disorders
9. Pigmentary disorders
10. Cutaneous Malignancies.

Summative examination details

Dermatology will be a part of Medicine paper-II The paper will have the portion of Dermatology in the following pattern

6 MCQs.....1 marks each

1 SEQ.....5 marks each

TIMETABLE 5th Year MBBS

5 th Year MBBS Time Table						
Days & Time	08:00-08:45	08:45-09:45	09:45-10:30	10:30-10:45	10:45-02:15	02:15-02:30
Monday				Travel to GTTH		Travel to LMDC
		08:45-09:30	09:30-10:15	10:15-10:30	10:30-02:15	
Tuesday				Travel to GTTH		
Wednesday						
Thursday						
Friday			Lecture Prof. Haroon Nabi starting from 01-04-24	10:15-11:00	11:00-11:15	11:15-12:45
						12:45-01:00
					Derma Clinical Ward Prof. Haroon Nabi Dr. Aliza Hamadani Dr. Ayesha Arshad Chattha	Travel to LMDC

LEARNING RESOURCES

Recommended books

- 1) ABC of Dermatology by Prof. Tahir Saeed Haroon.
- 2) Davidson's Principles and Practices of Medicine.
- 3) Kumar and Clark's Clinical medicine.
- 4) Fitzpatrick's Color Atlas and synopsis of Dermatology.

Technologies to be used

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

TABLE OF SPECIFICATION FOR MEDICINE EXAM

Dermatology will be included in medicine-II. 1 SEQ and 6 MCQs will be the part of the paper.

S.NO	TOPIC	MCQs
1	Introduction and basics of dermatology	01
2	Itchy dermatosis	01
3	Infections	01
4	Bullous disorders /Disorders of sebaceous glands/ Pigmentary disorders	01
5	Papulo-squamous disorders /Hair disorders	01
6	Cutaneous Malignancies	01

***1 SEQ will come from any of the aforementioned topics**

ONLINE TEACHING:

- During covid-19 pandemic, teaching was continued online for Final Year MBBS. Online time tables were formulated by consensus of all the concerned departments. Students, faculty and concerned staff was optimally trained and facilitated by IT and DME.
- Lectures and clinical (Bedside) teaching were held using google meet and Microsoft teams. Class tests were conducted in google class room.
- Assignments, hand-outs, and other necessary information were shared on web portal of LMDC, google class room and Microsoft teams.
- Online tests were conducted using zoom software program.
- Online attendance record was meticulously maintained and added to the total record.
- In case of lockdown or any such crisis similar strategies would be employed for both synchronous and asynchronous e-learning program.

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 FACILITIES FOR STUDENTS:

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