



CURRICULUM DOCUMENT

(Second Year to Final Year MBBS)

STANDARD OPERATING PROCEDURES



LAHORE MEDICAL AND DENTAL COLLEGE
DEPARTMENT OF MEDICAL EDUCATION

LMDC

PREAMBLE

The expanding role of the faculty necessitates paths which lead to a curriculum which is flexible and responsive to needs of the increasing diversity in student body. A commitment to high curricular standards with implementation of an organized, efficient curriculum is the need of the time. A collective wisdom of the faculty led to compiling requirements and good practices that go hand in hand to develop, review, renew and approve sound curricula.

Indeed, like a nautilus turns and comes back in a spiral, curriculum similarly never stops to rest but improves unto itself, winding educational strategies with assessments in light of the content to achieve intended outcomes of our graduate. This curriculum caters for traditional system as per UHS curriculum for Second Year to Final Year MBBS. For First Year MBBS new UHS Modular Integrated Curriculum 2023 has been implemented in the college, link to [UHS Modular Integrated Curriculum 2023](#) & LMDC First Year Curriculum Document.


Dr. Nighat Nadeem
Associate Professor
Department of Medical Education

July, 2023

CONTENTS

- 1. Mission of the Institution**
- 2. Vision of the University**
- 3. Hierarchy of LMDC**
- 4. TOR of Curricular Committee**
- 5. Duration of MBBS Program**
- 6. The Objectives & Outcomes of Medical Program**
- 7. Curriculum Map of MBBS**
- 8. The Content of the Curriculum**
- 9. Table of Specification (TOS) MBBS**
- 10. Academic Calendar**
- 11. PMDC Subject Wise Hours**
- 12. LMDC Subject Wise Hours**
- 13. Timetables**
- 14. Student Clinical Batches & Rotations Schedule**
- 15. Student Elective Policy**
- 16. Communication of Curriculum to Stakeholders**
- 17. Assessment Procedures & Methodologies**
- 18. Evaluation & Analysis**



1. MISSION OF THE INSTITUTION

“To train future leaders of medicine who set new standards in knowledge, care and compassion.”

LMDC



2. VISION OF THE UNIVERSITY

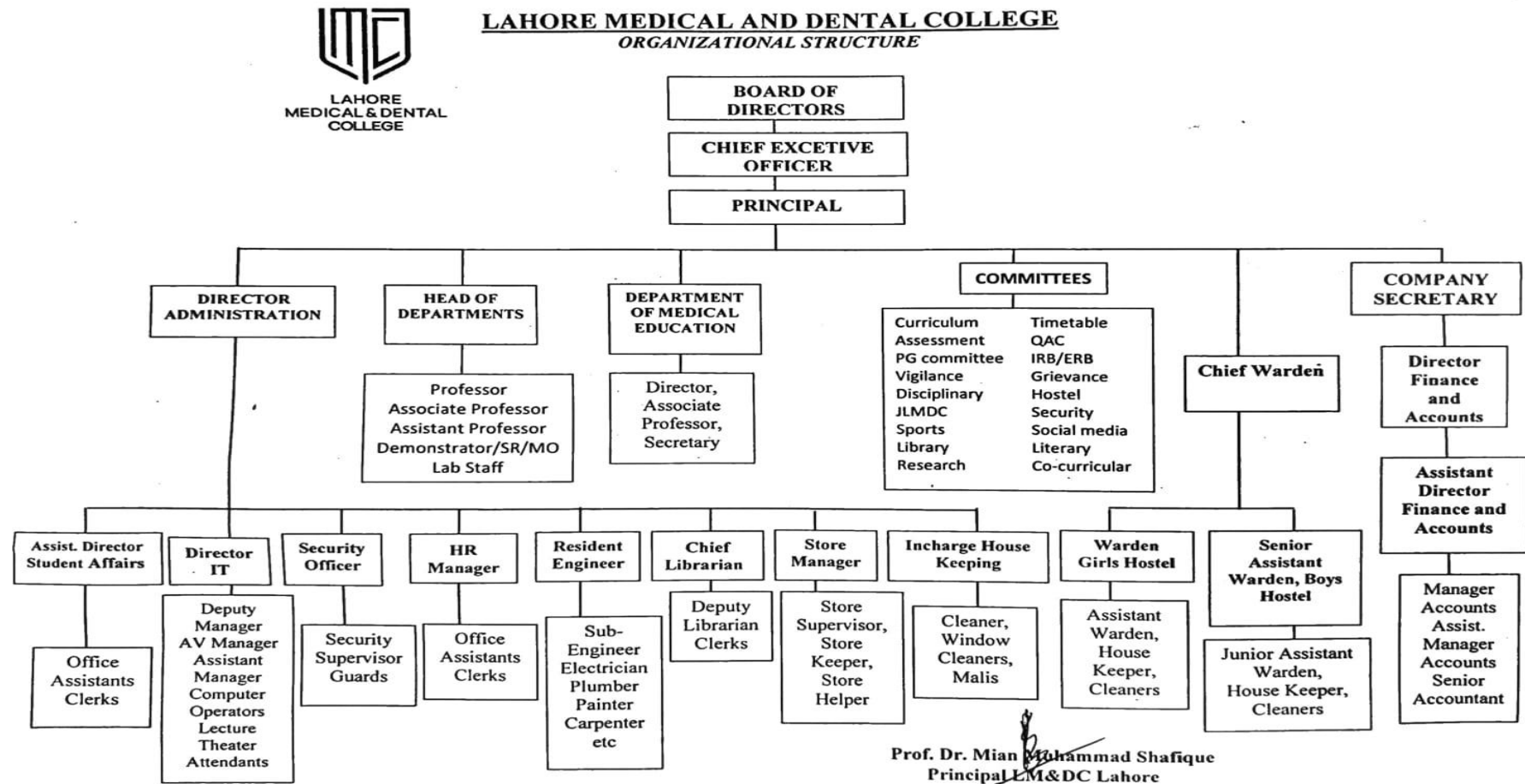
“Qualitative and Quantitative Revolution in Medical Education and Research through Evolution and Thereby Improve Health Care Delivery to Populace”.

Curriculum is a set of course; subject content, teaching, learning methods and assessments. The guidelines set by Pakistan Medical & Dental Council and University of Health Sciences is followed.

As per Pakistan Medical & Dental Council and University of Health Sciences guidelines are in practice, but within these guidelines the following standard operating procedures are applied at Lahore Medical & Dental College.

- To keep up with the changing times educational interventions were incorporated at Lahore Medical & Dental College as evident in “Education Interventions” document in an effort to add some vertical and horizontal integration.
- Department wise curricular details as to contents, context, methodologies, and assessments are incorporated in the document, with sub documents example assessment policies, program evaluation, student complaint/grievances and research are separately maintained.

3. Hierarchy of LMDC



4. TERMS OF REFERENCE (TOR) of CURRICULUM COMMITTEE

With proposed faculty by Principal LMDC, the following is the curriculum committee approved by the Academic Council. The committee receives its mandate from the Dean /Principal LMDC. The purpose of the committee is to define, achieve and maintain educational excellence through a coherent and coordinated curriculum for the medical student.

4.1.1 CURRICULUM COMMITTEE

Sr. No.	Name	Designation
1.	Prof. Shazia Nilofar Ibnerasa	Chairperson HOD of Pathology
2.	Prof. Waseem Amir	Incharge Traditional Curriculum HOD of Medicine
3.	Dr Nighat Nadeem	Incharge Modular Curriculum Associate Professor of Medical Education
4.	Prof. Wasif Majeed	Secretary Professor of Surgery
5.	Prof. Mian M Shafique	Member Principal & HOD of Ophthalmology
6.	Prof. Iffat Badar	Member HOD of Anatomy
7.	Prof Seema Daud	Member HOD of Community Medicine
8.	Prof. Nabeela Shami	Member HOD of Obstetrics & Gynecology
9.	Prof. Aamir Bashir	Member HOD of Forensic Medicine
10.	Prof. Anser Asrar	Member HOD of Physiology
11.	Prof. Rizwan Waseem	Member HOD of Paediatrics
12.	Prof. Hasnat Ahmad Butt	Member HOD of Surgery
13.	Prof Khalid Gill	Member Professor of Psychiatry/ Behavioral Sciences
14.	Prof. Ajaz Fatima	Member HOD of Pharmacology
15.	Prof. Athar Adnan Uppal	Member HOD of ENT
16.	Prof. Sobia Imtiaz	Member Professor of Biochemistry
17.	GR/CR Final Year Student	Members

4.2 Meetings quorum is maintained with 70% attendance of committee members

4.3 The committee will meet at least quarterly basis.

4.4 Curriculum committee meetings are convened as required discussing issues pertaining to planning, implementation, timetable, continual improvement of the curriculum within PMDC guidelines etc.

4.5 The committee provides guidance and support on matters relating to the curriculum, its implementation, delivery and impact

4.6 To review the curriculum with advice on other policy documents related to curriculum

4.7 With assistance from members, faculty and students to provide information how the curriculum is taught, monitored and evaluated

4.8 The minutes of meetings will be circulated to committee and Principal/Dean LMDC via email/ hardcopy

5. DURATION OF THE MBBS PROGRAM

The medical program is of sufficient time as allocated by PMDC of five years ensuring the intended graduate outcomes can be achieved.

6. THE OUTCOMES OF THE MEDICAL PROGRAM

The graduate outcomes are overarching statements reflecting the intended abilities of LMDC graduates on exit from the medical program. These essential abilities are educational statements providing the path and transparency for developing curricular content, teaching and learning strategies and assessments.

A thematic framework organizes our graduate outcomes into three domains:

1. Clinical Practice: the medical graduate as a medical practitioner
2. Health and Society: the medical graduate as a healthcare advocate
3. Professionalism and leadership: the medical graduate as a professional and leader

6.1 THE OBJECTIVES OF THE MEDICAL PROGRAM

In alignment with the vision of UHS, mission of our college and the intended outcomes following objectives of the medical program are devised for guidance of the medical curriculum. This will lead to well-prepared graduates who assume patient care responsibilities expected of new resident physicians and will achieve the attributes that fully trained physicians should possess to practice medicine.

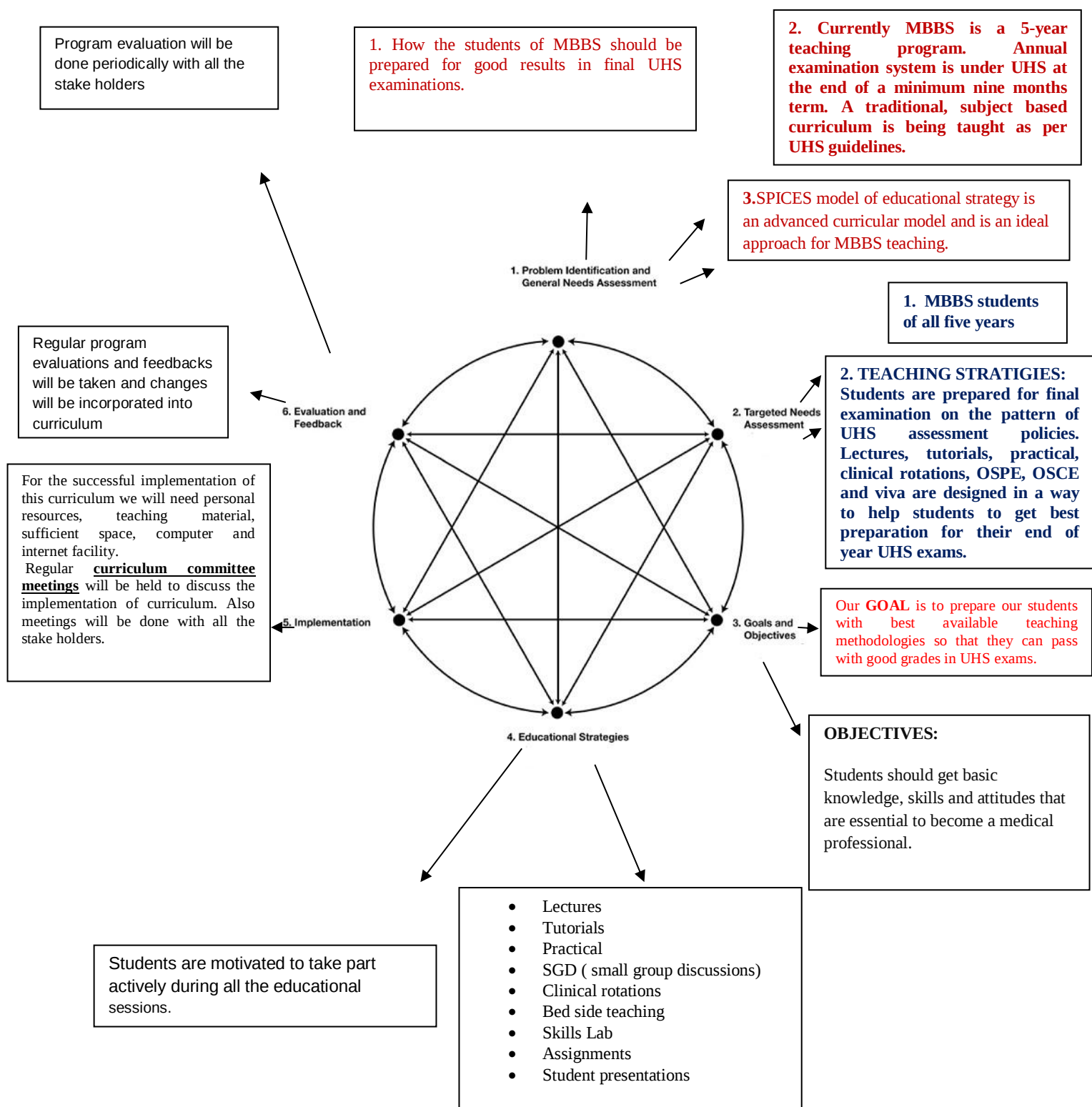
6.2 Table of Specifications (TOS)

OBJECTIVE	Medical Graduate as Medical Practitioner The medical college must ensure that the graduate understands the scientific basis of medicine and be able to apply to the practice of medicine by demonstrating:	MIT	ASSESSMENT
KNOWLEDGE	1. Knowledge of the normal and abnormal structure and functions of the bodily organ systems 2. Knowledge of the molecular, cellular and biochemical mechanisms considered essential in maintaining the body's homeostasis 3. Knowledge of the altered structure and function (pathology and pathophysiology) of the body and its organ systems, that are seen in varied diseases and conditions 4. An understanding of the scientific power in establishing the causes of the diseases and efficacy of therapies 5. An understanding to engage in lifelong learning to stay ahead of recent and relevant advances 6. Intellect to obtain an accurate medical history that covers all essential aspects of the history 7. Interpretation of the most frequent clinical, laboratory, radiologic, and pathologic manifestations of common diseases 8. Understanding about relieving pain and ameliorating the suffering of patients	1. Interactive Lectures 2. Small Group Discussions 3. Tutorials 4. Student Presentations 5. Peer Assisted Learning 6. CPC 7. Field Trips	1. MCQs 2. SEQs
SKILL	1. The ability to perform both a complete and an organ system specific examination 2. The ability to perform routine technical procedures 3. The ability to interpret the results of commonly used diagnostic procedures 4. The ability to reason deductively in solving clinical problems 5. The ability to construct appropriate management strategies (both diagnostic and therapeutic) for patients with common acute and chronic conditions 6. The ability to recognize patients with immediately life threatening cardiac, pulmonary, or neurological conditions regardless of etiology, and to institute appropriate initial therapy 7. The ability to communicate effectively, both verbally and in writing, with patients, patients' families, colleagues and allied health professionals	1. Practical 2. Clinical Wards 3. Bedside Teaching	1. OSPE 2. OSCE 3. Long Case 4. Viva Voce
ATTITUDE	1. To show empathetic attitude towards the patients	1. Clinical Wards 2. Bedside Teaching	1. OSPE 2. OSCE 3. Long Case 4. Viva Voce

OBJECTIVE	Medical Graduate as a Healthcare Advocate The medical college must ensure that the graduate understands the need to promote, maintain and improve the health of individuals and community by demonstrating:	MIT	ASSESSMENT
KNOWLEDGE	1. Knowledge about the risk factors for disease and injury and how to utilize disease and injury prevention practices for the patients 2. Knowledge of the determinants of poor health and of the economic, psychological, social, and cultural factors that contribute to the development and/or continuation of diseases 3. Knowledge of the epidemiology of common diseases within a defined population, and the systematic approaches useful in reducing the incidence and prevalence of those diseases 4. The comprehension to retrieve, manage, and utilize biomedical information for solving problems and making decisions that are relevant to the care of individuals and populations 5. Knowledge of various approaches to the organization, financing, and delivery of health care	1. Interactive Lectures 2. Small Group Discussions 3. Tutorials 4. Student Presentations 5. Peer Assisted Learning 6. CPC 7. Field Trips	1. MCQs 2. SEQs
SKILL	1. A commitment to advocate for access to health care for underprivileged populations 2. The ability to perform examinations according to community needs	1. Practical 2. Clinical Wards 3. Bedside Teaching	1. OSPE 2. OSCE 3. Long Case 4. Viva Voce
ATTITUDE	1. To practice professionalism without gender or caste discrimination	1. Clinical Wards 2. Bedside Teaching	1. OSPE 2. OSCE 3. Long Case 4. Viva Voce

OBJECTIVE	Medial Graduate as a Professional and Leader The medical college must ensure that the graduate understands professionalism and leadership qualities by demonstrating:	MIT	ASSESSMENT
KNOWLEDGE	1. Knowledge of the principles that govern ethical decision making 2. Knowledge of social accountability to patients, community and the profession	1. Interactive Lectures 2. Small Group Discussions 3. Tutorials 4. Student Presentations 5. Peer Assisted Learning 6. CPC 7. Field Trips	1. MCQs 2. SEQs
SKILL	1. Trust and integrity in professional dealings 2. The practice to perform collaboratively/ teamwork with other physicians and health care professionals 3. Capability to lead when appropriate and to defer to the leadership of others when indicated	1. Practical 2. Clinical Wards 3. Bedside Teaching	1. OSPE 2. OSCE 3. Long Case 4. Viva Voce
ATTITUDE	1. Empathy while caring for patients, and respect their privacy and dignity 2. A commitment to bring to the practice of medicine those attitudes and values that underpin ethical and beneficent medical care	1. Clinical Wards 2. Bedside Teaching	3. OSPE 4. OSCE 5. Long Case 6. Viva Voce

7. CURRICULUM MAP OF MBBS



REFERENCE:

Kern DE, Thomas PA, Hughes MT editors. Curriculum development for medical education, A six-step approach. 2nd ed. United States of America: The Johns Hopkins University press; 2009.

8. THE CONTENT/ SYLLABUS OF THE CURRICULUM

The content as provided by PMDC is incorporated by each subject of the medical program as evident in the study guides as well as attached in curricular document

The departmental educational activities regarding content, context, teaching & learning methods, assessments, record keeping etc. is as follows:

8.1 DEPARTMENT OF ANATOMY

Educational Procedure/ Teaching and Learning Strategies

- i. Large group teaching (Professor/Assistant Professor)
- ii. Large group teaching (Professor/Assistant Professor)
- iii. Small group teaching (Demonstrators)

Horizontal Integration:

Done with the Departments of Physiology and Biochemistry.

Vertical Integration: Clinic-Anatomical Conferences.

Weak Student's Selection Criteria:

1. On the basis of academic record:

Those students are selected who do not pass their internal assessment.

2. On the basis of attendance record:

Those students are selected whose attendance is less than 75%

Remedial Classes, Tests and Extra Coaching

Coaching of weak students is done on regular basis and during summer vacations

Detainee Students:

Extra coaching of detainee students is carried out.

Assessment

1. Sub stages -MCQS, SEQS
2. Final Stage -MCQS, SEQS, VIVA VOCE, OSPE
3. Practical Tests -Short slides, Long slide, Viva voce

Question Bank

1. Professor
2. Associate professor
3. Assistant Professors

Maintenance of Record:

- In the departmental attendance and academic registers.
- Attendance is taken during lectures, demonstrations and practical's.
- Results of sub stages, stages, test and send up.

Feedback Systems:

1. Meeting with their parents.
2. Repeat the lectures on the last Friday of every month
3. Personal tutorial

ALLOCATION OF CONTACT HOURS IN MBBS COURSE

1 st Year MBBS	250 Hrs
2 nd Year MBBS	250 Hrs
Total Hours	500 Hrs

DEPARTMENT OF ANATOMY (CONTACT HOURS)

2ND YEAR MBBS (WINTER TIMINGS)

Histology Practicals	120 x 18 = 2160 minutes
Lectures	180 x 18 = 3240 minutes
Dissection Hall (Monday, Tuesday & Thursday)	120 x 3 x 18 = 6480 minutes
Dissection Hall (Wednesday)	75 x 18 = 1350 minutes
Dissection Hall (Friday)	90 x 18 = 1620 minutes
Clinicoanatomical conference	90 x 1 = 90 minutes
Total:	14940 minutes- 270 minutes (Friday Histology Practical) = 14670 minutes/60 = 244.5 hours

SUMMER TIMINGS:

Histology Practicals	135 x 18 = 2430 minutes
Lectures	180 x 18 = 3240 minutes
Dissection Hall (Monday, Tuesday & Thursday)	120 x 3 x 18 = 6480 minutes
Dissection Hall (Wednesday)	60 x 18 = 1080 minutes
Dissection Hall (Friday)	105 x 18 = 1890 minutes
Clinicoanatomical conferences	120 x 2 = 240 minutes
Total:	15360 minutes- 270 minutes (Friday Histology Practical) = 15090 minutes/60 = 251.5 hours

Total Academic Hours: 244.5 + 251.5 = 496 Hours

8.2 DEPARTMENT OF BIOCHEMISTRY

Educational procedure

Academic calendars for each class are prepared before the commencement of sessions. UHS syllabi are consulted for topics, and contents are allocated to faculty members (Professors, Associate Professors and Assistant Professors). In order to accomplish horizontal integration, other basic departments are also consulted while preparing the planner.

A detailed program with dates for individual lectures is prepared. Dates for tests are decided in consultation with other departments. Academic calendars are distributed to concerned faculty members and forwarded to medical education department. Medical education department incorporates teaching learning activities of all the concerned departments in the time table and communicates it to the students.

Students are promptly guided about the resources. Lecture hand outs are prepared and given to students. Topic wise university questions are regularly placed on the notice boards.

All important and relevant information is placed on notice boards and also communicated to class representatives.

Faculty/teaching staff involved

- a. Lectures
Professors and assistant professors
- b. Practicals
Demonstrators
- c. Tutorials
Professors, assistant professors and demonstrators

Teaching and learning methodologies

- a. Large group teaching strategies
 - Lectures
 - Interactive sessions
- b. Small group teaching strategies:
Employed during practicals (weekly) and tutorials (alternate weeks)
 - Interactive sessions
 - Small group discussions (SGDs)
 - Take home assignments

- SEQ and MCQ practice exercises
 - Viva voce
 - Presentations by students
 - Laboratory demonstrations and practicals
- c. Integrated teaching strategies
- Horizontal integration is being achieved by aligning teaching of biochemistry course with that of anatomy and physiology
 - Vertical integration is being achieved by regular clinico-biochemical conferences (CBCs) and hospital visits

Learning resources

- a. Text books
- Harper's illustrated biochemistry
 - Lippincott's illustrated reviews
- b. Reference books
- Textbook of biochemistry with clinical correlations (Thomas M. Devlin)
 - Lehninger principles of biochemistry (David L. Nelson, Michael M. Cox)
 - Principles of medical biochemistry (Gerhard Meisenberg, William H. Simmons)
 - Mark's basic medical biochemistry - a clinical approach (Michael Lieberman, Allan D. Marks)
- c. Hand-outs
- Practical demonstrations
 - Lectures

Assessment formats

All assessments are meticulously planned in collaboration with other concerned departments to avoid clustering/overlapping and schedule is placed on the departmental notice board specified for each class at the beginning of session. At least one biochemistry test is conducted each month. Topics included in each test are notified and resources are identified.

- a. Written tests

Written class tests include MCQs (one best type) and SEQs. Approximately 25% of questions are clinically oriented. University recommendations for marks distribution are strictly followed.

b. Oral examination

In order to prepare the students for oral component of university examination, viva voce examinations (by senior faculty members) are also conducted during the session.

c. Send up examination

Send up is a comprehensive examination including whole biochemistry course that is conducted at the end of academic session and final university examination pattern is followed in every respect (no. of questions, ToS, marks distribution, total time allowed etc.).

d. OSPE

At least two OSPE tests are conducted during the session.

Question banks

MCQs, SEQs and OSPE questions are constructed according to the course contents and the level of students. Questions are constructed by professors. Questions are piloted and then included in the question bank. UHS SEQ pool is also maintained.

Maintenance of record

Attendance and academic record (class tests results, OSPE results, send-up exam results) are meticulously maintained by IT department. Moreover, attendance and test record registers are maintained in the department.

Robust feedback systems

a. Feedback on attendance

Attendance report is forwarded to students and parents on daily basis

b. Feedback on academic performance

Academic performance report is also regularly forwarded to students and parents. Moreover, individual students are given feedback on their academic performance during tutorials. MCQ and SEQ papers are also discussed with students in small groups.

c. Parents of weak students are regularly contacted (PTM sessions)

Counseling facilities for students

- a. Senior faculty members are actively involved in resolving academic and non-academic issues of allocated students (PTS sessions)
- b. Individual students are also referred to the psychologist and social worker, if needed

Strategies for weak students:

- a. Weak students are picked up as early as possible
- b. All efforts are made to identify and rectify the factors responsible for poor performance (by interviewing students and their parents)
- c. Student-centered teaching methods are opted
- d. Flexible teaching programs
- e. Due attention to individual learning needs
- f. Regular, effective, timely feedback system
- g. Student encouragement

Summer vacations and remedial classes

Summer vacations= 4 weeks

Remedial classes are mandatory for students who:

- a. Join late
- b. Have poor attendance/test performance or both in term I

8.3 DEPARTMENT OF PHYSIOLOGY

Educational Procedure

1. Lectures
2. Tutorial
3. Small group discussion
4. Practical Demonstrator
5. CPC (Clinical Physiological Conference)

Teaching Learning Strategies

1. Interactive Lecture
2. Clinico Physiological conference
3. Students Presentation
4. Tutorial/ Small Group Discussion

Level of Faculty Involved

1. Lectures
 - a. 1st Year MBBS (Professor, Associate Professor, Assistant Professor)
 - b. 2nd Year MBBS (Professor, Associate Professor, Assistant Professor)
 - c. 1st Year BDS (Professor, Associate Professor, Assistant Professor)
 - d. 1st Year DPT (Professor, Associate Professor, Assistant Professor)
 - e. 2nd year DPT (Professor, Associate Professor, Assistant Professor)
2. Tutorial senior Lecture & lecture supervised by (Associate Professor, Assistant Professor)
3. Practical's supervised by (Associate Professor, and Assistant Professor)
4. Office work by demonstrators
5. Small group discussion

Assessments

1. Class test
2. Term test
3. Sendup
4. Remedial tests for fail students

Feedback System

- i. Teachers get their feedback from students in the form of Performa

Maintenance of Record

1. A Performa of every student is maintained regarding attendance and academic Performa
2. A weekly schedule for teaching activities is prepared

Question Bank

1. Senior faculty member has his/her own bank which at times they share with each other

Strategies to Tackle Weak Students

1. Parents teaching meeting
2. Re-evaluation test
3. Small groups /coaching interested weak
4. Individual coaching of student
5. Remedial classes

ALIGNMENT OF EDUCATION WITH STUDY HOURS (2nd year MBBS)

Sr #	Topic	Tutor	Lectures	Study hours
1	Special senses	Prof. Anser Asrar	8	6 hours
2	Endocrinology	Prof. Ayesha Siddique	16	12 hours
3	Motor system	Dr. Uzma Zargham (Associate Professor)	8	6 hours
4	Renal system	Dr. Zaima Ali (Associate Professor)	15	11 hours
5	Motor & sensory system	Dr. Attiqa Khalid (Assistant Professor)	8, 6	6, 8 hours
6	GIT	Dr. Sadia Nazir (Assistant Professor)	12	9 hours
7	Reproduction	Dr. Shagufta Khaliq (Senior lecturer)	8	7 hours

8.4 DEPARTMENT OF PHARMACOLOGY

Educational Procedure &Activities

1. Lecture (HOD, Associate Professor, Assistant Professor and Senior Lecturer)
2. Practical's
3. Pharmacy practical's and experimental pharmacology (once in a month)
4. Tutorial sessions (Senior faculty members)
5. Interactive discussion (one weekly basis)
6. CPC
7. Monthly test
8. Viva for professional exam
9. OSPE test for professional exam
10. MCQ and SEQ for student's assessment
11. Attendance record maintain (Demonstrator)

Teaching Strategies

1. Class is divided into 4 batches
2. Each batch is further divided into 5 small groups (almost 6 to 7 in each group)
3. A personal tutor assigned
4. Special efforts for weak students
5. Assignment given by the personal tutor
6. Special remedial session for weak students
7. Strict measure have been taken by pharmacology department to improve attendance
8. Monthly tests
9. Students unable to maintain 75% attendance are not allowed to take these test

Assessment Format

1. Mid-term and send-up
2. Monthly test
3. Retest for fail students (less than 50% marks)
4. Remedial session for weak students
5. Students are also given assignments every week
6. Marked on the basis of their assignment or performance
7. All test result are included in internal assessment

Feedback System

1. Maintaining a record of all test and attendance of each student in the form of personal Performa
2. Parent teacher meeting for discussing the students' performance
3. Feedback is also taken from the parents

Maintenance of Record

1. Students attendance (monthly, quarterly)
2. Progress in the form of monthly test results
3. Weekly assignment
4. Identification of weak students depending upon their attendance and academic performance

5. Record keeping of each remedial result

Question Banks

1. Each concerned faculty member contributes in the departmental question bank
2. Regular discussions are carried out to improve the standard of these questions

Pharmacology Study Hours:-

For 3rd Year M.B.B.S according to PMDC Rules: **306 Hours**

Lectures: **162 Hours**

Practical / Tutorial / Grand Tutorial: **144 Hours**

LMDC

8.5 DEPARTMENT OF FORENSIC MEDICINE

Educational Activities

- 1. Large group Session**
 - i. Power point presentation
 - ii. White board, models
 - iii. Equipment
 - iv. Weapons, radiograph
 - v. Mannequins
- 2. Practical (demonstration and performance)**
 - **Six different practical labs**
 - i. Forensic Serology
 - ii. Forensic Toxicology
 - iii. Forensic Anatomy
 - iv. Forensic Radiology
 - v. Forensic Autopsy
 - vi. Medico legal Certificate
 - 30 practical demonstration to each batch
 - Two to three OSPE mocks
- 3. Tutorials**
- 4. Small group discussion**
 - i. Interactive
 - ii. Analytical discussion
- 5. Skills lab** – Four skills are practiced
- 6. Field trips**
 - i. Autopsy Facility
 - ii. Medico legal clinics
 - iii. Punjab Forensic Science Agency
- 7. Two comprehensive assignments**
- 8. Seminar**

Assessment

- i. SCQs
- ii. MCQs
- iii. OSPE
- iv. Voice viva
- v. Mid – term
- vi. Send-up

Feedback

From Students

- i. Quarterly, written
- ii. Structured feedback
- iii. Regular fortnightly (teaching and lab staff)
- iv. Personal tutorial Sessions
- v. Verbal – continuously, throughout the session
- vi. Of examinations – Two written

To Students

- i. Results of tests, mid-term and send-up
- ii. Discussion on tests and results – Group and Individual

Maintenance of Record

- i. Attendance record (daily, monthly, quarterly)
- ii. Performance record (daily, monthly, quarterly)
- iii. In the form of ‘one page’ mini – portfolio format(Annual)

Question Bank:

MCQs, SCQs, OSPE are modified by the professor periodically and then included into the question bank

Faculty Involvement:

- i. Lectures (Professor, Associate Professor)
- ii. Practical (Professor, Associate Professor)
- iii. Small group Discussion (Professor)
- iv. Tutorials (Professor)
- v. Field Trips (Professor)
- vi. Assignments (Professor)
- vii. Seminars (Professor)
- viii. Remedial classes (Associate Professor)

Strategies for Weak Students

- i. PTM (Parents’ Teacher Meeting)
- ii. Small batches under the supervision of Associate Professor
- iii. Active discussion
- iv. Assessment
- v. Problem solving and assignments
- vi. Individual assessment and counseling

Workshop and Journal Club

- i. Journal Club (Faculty, teaching staff and other departments)
- ii. Medical Educational workshop (on regular basis, on rotation)
- iii. ‘Open door’ for students to redress their problem or academic or otherwise

- iv. Museum facilities for students
- v. Student presentations

Teaching of Physical Therapy

- i. Educational Theories
- ii. Bloom's Taxonomy

Forensic Odontology

- i. In 2nd, 3rd and 4th year BDS (Lectures)

LMDC

8.6 DEPARTMENT OF COMMUNITY MEDICINE

Education Procedure

1. Classroom teaching
2. Field visits
3. Research Projects with written reports
4. Household surveys with statistical analysis
5. International health days celebration

Teaching & Learning Strategies

1. Interactive Lectures
2. Conference and seminars
3. Students presentations
4. Peer Assisted Learning(PAL)

Level of Faculty Involvement

1. **Lectures**
 - a) 4th year MBBS; Professor, Associate Professors & Assistant Professors
 - b) 3rd year MBBS; Professor, Associate Professors & Assistant Professors
 - c) DPT & Pharmacy; Professor, Associate Professor & Assistant Professor
2. Practical & Field Visits; Assistant Professors & Demonstrators
3. **PAL**: Professor, Associate & Assistant Professors, Demonstrators

Assessment Formats

1. Short answer question
2. MCQs
3. OSPE
4. Graded exercise
5. Quiz
6. Open book assignments

Feedback System

1. Discussion of test paper in class
2. Returning checked test papers with written comments
3. One to one feedback meetings with students
4. Parents Teacher Meetings

Maintenance of Record

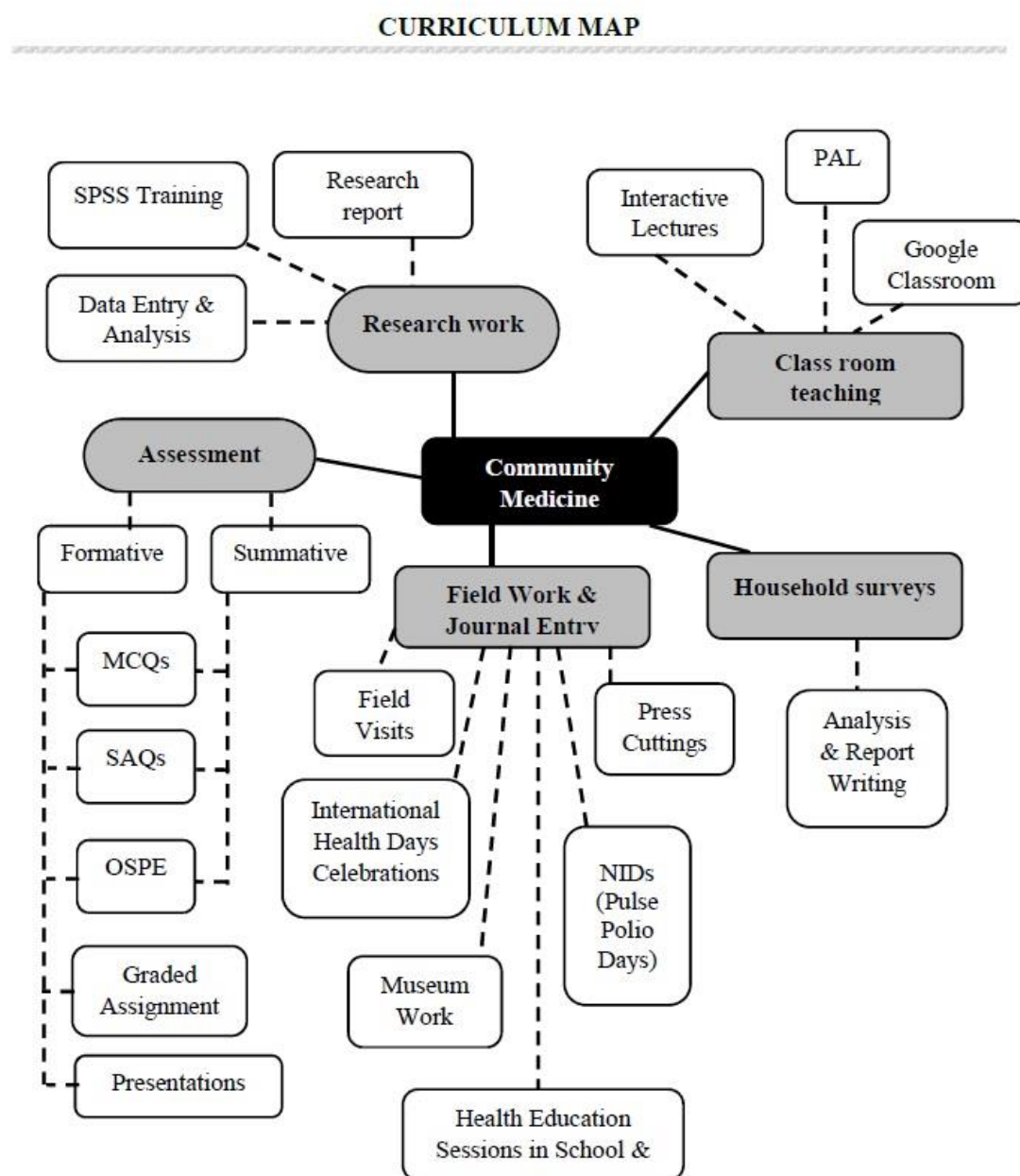
1. Hard copies
2. Soft copies in computer
3. Attendance record
4. Test record
5. Record of submission of assignments
6. Record of learning styles

Question Bank

Over 1000 question bank (SEQs, MCQs, OSPE)

Strategies to Tackle Weak Students

1. Meetings with students to identify issues
2. Parents Teacher Meeting
3. Repeat lectures within the session
4. Written assignments



8.7 DEPARTMENT OF PATHOLOGY

General Objectives

1. To equip the student with the knowledge of common disease patterns and why do they occur as given in the university syllabus.
2. How to reach at a specific diagnosis of a disease.
3. What requisite investigations are to be performed and what are the protocols of routine investigations.

Department of pathology is involved in four different educational teaching practices, as under.

1. Undergraduate Teaching

This is the predominant teaching assignment. The subject of pathology is taught to five (5) classes i.e. 4th year MBBS, 3rd year MBBS, 2nd year MBBS, 1st year MBBS, and 2nd year BDS.

2. Post Graduate Teaching

3. Allied Health Science Teaching

4. Medical Education

Educational Activities

1. Cognitive knowledge is imparted by
Lectures:-Delivered by senior faculty members thrice a week, using all types of audio-visual aids and covering all aspects of the university syllabus.
Seminars:-Organized on a current topic of pathological importance, twice a month, with open house discussion at the end.
Group Discussions:-On a previously notified subject, for a batch 30 students is conducted, twice a week.
2. Psychomotor knowledge is achieved by practical's hands-on experience given by twice weekly sessions. The department has fully equipped student laboratories with all the latest equipment and 40 student microscopes for teaching.

Pathology Museum has 700+histopathology specimens covering all topics of undergraduate syllabus.

Assessment Format

Formative assessment is a part of all small group sessions.

Summative assessments are three tiered

1. End of month covering all the syllabus covered in the past month.
2. Mid-term exam before students leave for summer break.
3. Send-up exam as preparatory mock before finals.

Exam formats are uniform comprising structured MCQs and Short essay questions and viva voce.

Feedback System

Regular structured feedback is taken from the students after each module. The method of feedback is both verbal and written.

Teachers feedback is uniform is incorporated during making of the teaching programmes at the start of the year.

Maintenance of Record

The department maintains complete manual and digital record of all teaching and assessment practices. Both the students and their parents have access to all class records.

Question Bank

All respective class in charge maintain question bank for their class. This bank covers all systems as specified in the university curriculum

Struggling Students

Tailor-made assignments and group assignments are developed for struggling students. Quarterly assessment is usually followed to assess student performance and develop remedial programmes.

Parent Teacher Meeting

They are done twice a year. 1st quarter, when students start attending classes after supplementary exam and 2nd before the formulation of final internal assessment at the end of session.

TOTAL 500 HOURS ARE ALLOCATED FOR SUBJECT OF PATHOLOGY BY PMDC

BREAKUP/ SPACING OF HOURS (SUMMERS):

Total hours for Clinico- Basic conference in 1st year MBBS & 2nd year MBBS = **11 HOURS**

Total hours in 3rd year MBBS= 296 hours

(40% theory)

5 lectures per week for 36 weeks=**135 hours**

2 practical's per week =**108 hours** (60% practical skills)

1 long tutorial of 2 hours per month= **18-20 hours**

Skills lab once per year = **2 hours**

Remedial classes hours = 30 (One class of 2 hours for 15 days)

Sendup = 3 hours

Total hours in 4TH year MBBS= 267 hours

4 lectures per week =**108 hours**

2 Practical's per week = **108 hours**

Skills lab once per year = **2 hours**

Remedial classes hours = 30 (One class of 2 hours for 15 days)

Extra classes for sendup preparation (August-Sep) = 16 Hours

Sendup= 3 hours

TOTAL 571 Hours are actually taken as per time table... (According To Summer Time Table)

8.8 DEPARTMENT OF GENERAL SURGERY

Educational Procedures & Activities

1. Bedside teaching (Post-graduates, House Surgeons, Undergraduates)
2. Weekly classes (Post-graduate & House Surgeons)
3. Daily assignments and examination techniques for final year students
4. Ward round teaching
5. OSPE classes
6. Students evaluation at the end of clinical rotation
7. OPD demonstrations by consultants of clinical methods of patients & simulated patients for final year MBBS, 4th year MBBS & 3rd year MBBS students(followed by medical students demonstrations)

Faculty Involvement

1. Final year MBBS
 - I. Unit – 1 (HOD, Professor, Assistant Professor, Senior Registrar)
 - II. Unit – 2 (Professor, Assistant Professor, Senior Registrar)
2. 4th year MBBS
 - I. Unit – 1 (Professor, Assistant Professor)
 - II. Unit – 2 (Professor, Assistant Professor)
3. 3rd year MBBS
 - I. Unit – 1 (Professor, Assistant Professor)
 - II. Unit – 2 (Professor, Assistant Professor)
4. 3rd year BDS
 - I. Unit – 1 (Professor, Assistant Professor)
 - II. Unit – 2 (Professor, Assistant Professor)
5. Physiotherapy
 - I. Unit- 2 (Professor, Assistant Professor)

Feedback System

Verbal feedback ideally should be written

Record Maintenance

Registers

Computer

Question Bank

Consultants pool online

STUDY HOURS OF SURGERY AND ALLIED

Total 884 hours for General Surgery

Total hours of Clinical orientation for each student in 1st year MBBS in Surgery & Allied, 2 hours per week for 4 weeks = 08 hours

Total hours of Clinical orientation for each student in 2nd year MBBS in Surgery & Allied, 2 hours 15 minutes per week for 4 weeks= 09 hours

Total hours in 3rd year MBBS = 54+27= 81

70% clinical

(Morning Hours) 6 hours and 45 minutes per week for unit-1 batch , 6 hours and 45 minutes per week for unit-2 batch , total 8 weeks for both units = 54 hours

30 % Lectures

Total lectures by Surgical unit-2 = 36, Duration= 27 hours

Total hours in 4th year MBBS= 90+54= 144

70 % clinical

(Morning hours) 10 hours clinical session per week for 4 days in one week for unit-1, 10 hours per week for 4 days in unit-2, Total hours for 9 weeks for both units= 90

30% Lectures

36 lectures by Surgical unit-1 and 36 lectures by surgical unit-2, Total duration for both unit's Lectures =72, total 54 hours

Total hours in 5th year MBBS= 156+240+108+27+10.30+27+58.30+ 07+08= 642

70 % clinical

(Morning) 14.5 hours per week for Surgical unit-1 and 11 hours 15 minutes per week for Unit-2, Total hours in 12 weeks for both units=156

(Evening hours) clinical classes for both units 4 hours per day for 5 days for 12 weeks= 240 hours

30% Lectures

72 lectures by Surgical unit-1 and 72 lectures by surgical unit-2, Total 144 Lectures for both units = 108 hours

Total lectures of Orthopaedics= 36 = 27 hours

Clinical, 1.5 hours per week for 6 weeks per student= 9 hours, Total hours of Orthopaedics= 10 hours, 30 minutes

Total lectures of Urology = 36 = 27 hours

Clinical, 5 hours 15 minutes per week for 6 weeks per student= 31 hours 30 minutes, Total hours of Urology= 58 hours, 30 minutes

Total Lectures of Anaesthesia = 09= 07 hours

Total Lectures of Radiology= 10= 08 hours

*Time for Skills lab for General Surgery, Anaesthesia, Urology and Orthopaedics is taken from the clinical ward rotation time.

LMDC

8.9 DEPARTMENT OF OBSTETRIC & GYNAECOLOGY

EDUCATIONAL PROCEDURES

1. Class lectures for Fourth and Final Year MBBS
2. Bedside teaching (postgraduate, house surgeons, undergraduates)
3. OPD demonstration by consultants of clinical methods on patients
4. Ward demonstrations by consultants of clinical methods and discussion on patients followed by Demonstration by medical students of the skill learnt.
5. Assignments and examination techniques for final year students
6. Ward round teaching
7. Evening and night duty
8. OSPE classes/Revision
9. Students evaluation at the end of clinical rotation (ward test)
10. Observation of Obstetrics & Gynaecology procedure in the OT
11. Observing SVD in the labor room
12. Monitoring laboring patients in 1st stage labor room

LEVEL OF FACULTY INVOLVEMENT

Unit-I HOD/Professor, Associate Professor, Assistant Professor and Senior Registrars

Unit-II Professor, Associate Professor, Assistant Professor and Senior Registrars

4th Year MBBS: Lecture – Associate Professor

Final Year MBBS: Lectures – Professor

Clinical Class: Assistant Professors

Ward rounds: Professor with final year MBBS class

PHYSIOTHERAPY

Professor, Associate Professor, Assistant Professor

FEEDBACK SYSTEM

Verbal feedback

Debriefing of tests

RECORD MAINTENANCE

Obstetrics Clinical Journal

Skill log work

Registers

Maternity copy

Ward card

QUESTION BANK

Consultant's pool

Total Number of Hours

4th years = 59 hours

Final Years = 260 hours

Total = 59+260 = 319 hours

LMDC

8.10 DEPARTMENT OF OPHTHALMOLOGY

Educational Procedures:

- i. Lectures
- ii. Clinical Classes
- iii. 3rd year MBBS-1 Lecture/week
- iv. 4th year MBBS-2 Lecture/week
- v. Small Group Teaching
- vi. Research Activities

Teaching Learning Strategies

- i. Student learning and patient's care all based teaching
- ii. OPD conduction
- iii. Diagnostic in the LORD center
- vii. Operation Theater and EYE surgeries

Assessment Format

- i. Class Test
- ii. Summative Assessment
- iii. Send up
- iv. Midterm
- v. SEQ, MCQ, OSPE
- vi. All level of knowledge, skills and affective domains

Feedback System

- i. Discussion at the end of each learning session
- ii. Mostly verbally
- iii. Feedback Performa for teacher and students

Maintenance of Record

- i. Hard copies
- ii. Soft copies in computer
- iii. Attendance
- iv. Ward class attendance
- v. Midterm test
- vi. Ward test including OSPE and send up

Question Bank

- i. Sufficient number of MCQs, SEQs, OSPE
- ii. Always add at least 50% new assessment items

Teaching Strategies

- i. Small group discussions

Level of Faculty Involved in Lectures

- i. Professors
- ii. Senior registrar

Strategies to tackle weak students

- i. Meeting with students to identify issues
- ii. Parent Teacher meetings
- iii. Special classes for weak students
- iv. Repeat lectures for supplementary students

Timetable of the module (Alignment of activities with study hours)

Topic	Activity	Year	Time (Hours)
Introduction of faculty and ophthalmology department	Discussion and visit of the ward	3 rd year	2
Anatomy of the eye	Interactive lecture, tutorial with models	3 rd year	3
Physiology of the eye	Interactive lectures Tutorials	3 rd year	3
History Taking General examination of eye	OPD discussion	3 rd year	6
Eyelid diseases &	Lecture Case discussion in the ward,	3 rd year	6

Lid eversion	OPD and theatre		
Conjunctival diseases	Lecture Case discussion in the ward and OPD	3 rd year	6
Corneal diseases Corneal staining Foreign body removal	Lecture Case discussion OPD and theatre	3 rd year	6
Lacrimal Apparatus	Lecture Case discussion OPD and theatre	3 rd year	4
Diseases of Optic nerve Related to pupil reactions	Discussion in the ward /OPD Ocular lab	4 th year	4
Refractive errors Retinoscopy Contact lens, PRK, Lasik	Discussion in the ward & OPD	4 th year	6
Visual pathways	Lecture and discussion in the ward & OPD	4 th year	4
Orbit Proptosis, Thyroid eye disease	Discussion in the ward & OPD	4 th year	4
Lens Distant ophthalmoscopy Cataract (examination management & operation)	Lectures Case discussion Bedside and operation theatre Community-based learning	4 th year	10
Glaucoma Tonometry Visual fields Anti-Glaucoma drugs	Lecture OPD and ward discussion theatre	4 th year	10

Uveitis	OPD discussion	4 th year	4
Pupil reactions and examination	Discussion ward/ OPD	4 th year	4
Retina Fundoscopy management and	Lecture and discussion in the ward & OPD	4 th year	6
Squint, types, management, Hess test and cover test	Discussion in the ward/ OPD Ocular lab	4 th year	5
Red eye White pupil Dry eye Wet eye	Problem Based Learning Lecture Discussion in the ward & OPD Ocular lab	4 th year	10
Self-study time			30
Assessment			6
Total			150

8.11 DEPARTMENT OF OTORHINOLARYNGOLOGY

Educational Procedures

- i. Lectures
- ii. Clinical Classes
- iii. 3rd year MBBS-1 Lecture/week
- iv. 4th year MBBS-2 Lecture/week
- v. Small Group Teaching
- vi. Research Activities

Teaching Learning Strategies

- i. Student learning and patient's care all based teaching
- ii. OPD conduction
- iii. Diagnostic in the LORD center
- vii. Operation Theater and ENT surgeries

Assessment Format

- i. Class Test
- ii. Summative Assessment
- iii. Send up
- iv. Midterm
- v. SEQ, MCQ, OSPE
- vi. All level of knowledge, skills and affective domains

Feedback System

- i. Discussion at the end of each learning session
- ii. Mostly verbally
- iii. Feedback Performa for teacher and students

Maintenance of Record

- i. Hard copies
- ii. Soft copies in computer
- iii. Attendance
- iv. Ward class attendance
- v. Midterm test
- vi. Ward test including OSPE and send up

Question Bank

- i. Sufficient number of MCQs, SEQs, OSPE
- ii. Always add at least 50% new assessment items

Teaching Strategies

- i. Small group discussions

Level of Faculty Involved in Lectures

- i. Professors
- ii. Senior registrar

Strategies to Tackle Weak Students

- i. Meeting with students to identify issues
- ii. Parent Teacher meetings
- iii. Special classes for weak students
- iv. Repeat lectures for supplementary students

Timetable of the module (Alignment of activities with study hours)

Topic	Activity	Year	Time (Hours)
Introduction of faculty and ENT department	Discussion and visit of the ward	3 rd year	2
Anatomy and physiology of the ear	Interactive lecture, tutorial with models	3 rd year	3
Symptomatology of ear diseases General examination of ear	Interactive lectures Tutorials OPD discussion	3 rd year	3
Anatomy and physiology of the nose and paranasal sinuses	Lecture interactive sessions	3 rd year	6
Symptomatology of sinonasal region	Lecture Case discussion in the ward and OPD	3 rd year	6
Anatomy and physiology of oral cavity and oropharynx	Lecture	3 rd year	6
Symptomatology of diseases of oral cavity and oropharynx	Lecture Case discussion OPD and theatre	3 rd year	4
Anatomy and physiology of larynx	Lecture	3 rd year	4

Diseases of larynx	Lecture Case discussion OPD and theatre	3 rd year	2
External ear diseases	Lectures Case discussion Bedside and operation theatre Community-based learning	4 th year	4
Middle ear diseases	Lecture OPD and ward discussion theatre	4 th year	6
Inner ear diseases	OPD discussion	4 th year	4
Larynx laryngeal diseases congenital	Discussion ward/ OPD	4 th year	4
Acquired laryngeal diseases	Lecture and discussion in the ward & OPD	4 th year	4
Laryngeal tumours	Lecture and discussion in the ward & OPD	4 th year	5
Oral cavity lesions	Discussion in the ward/ OPD Ocular lab	4 th year	2
Pharyngeal diseases	Discussion in the ward /OPD Ocular lab	4 th year	4
Pharyngeal tumours	Lecture discussion in the ward & OPD	4 th year	8
Nose and paranasal sinuses congenital	Discussion in the ward & OPD	4 th year	3
Acquired sinonasal diseases	Discussion in the ward & OPD	4 th year	8
Sinonasal tumours	Lecture and discussion in the ward & OPD	4 th year	4
Miscellaneous	Problem Based Learning Lecture Discussion in the ward & OPD	4 th year	10
ENT Emergencies	Emergency department PBL tutorial Discussion on patients	4 th year	10
Self-study time			30
Assessment			6
Total			150

8.12 DEPARTMENT OF GENERAL MEDICINE

Educational Procedures

1. Class lectures of 4th and final years
2. Bedside teaching of 3rd, 4th and final year students
 - a. Clinical methods
 - b. Case presentation and discussions
 - c. Demonstration of learnt clinical skills by the students
3. OPD teaching of final year students
4. Daily assignments and examination techniques for final year students
5. Ward round teaching
6. Evening duties (wards & emergency) final year students
7. OSPE classes in wards monthly
8. Students evaluation at the end of clinical rotation

Level of Faculty Involvement

1. Final year MBBS

- I. Unit I - HOD, Professor, Associate Professor, Assistant Professors and Senior Registrars)
- II. Unit-II - (Professor, Associate Professor, Assistant Professors and Senior Registrars)

2. 4th year MBBS

- I. Unit I - HOD/ Professor, Associate Professor, Assistant Professors and Senior Registrars)
- II. Unit II - (Professor, Associate Professor, Assistant Professors and Senior Registrars)

3. 3rd year MBBS

- I. Unit I - HOD/ Professor, Associate Professor, Assistant Professors and Senior Registrars)
- II. Unit II - (Professor, Associate Professor, Assistant Professors and Senior Registrars)

4. 3rd year BDS

- I. Unit I - HOD/ Professor, Associate Professor, Assistant Professors and Senior Registrars)
- II. Unit II - (Professor, Associate Professor, Assistant Professors and Senior Registrars)

5. Physiotherapy

- I. Unit I - HOD/ Professor, Associate Professor, Assistant Professors and Senior Registrars)
- II. Unit II - (Professor, Associate Professor, Assistant Professors and Senior Registrars)

Feedback System

Verbal feedback in written form

- 1. Verbal
- 2. Written at the end of each unit

Maintenance of Record:

History Books
Log books and ward cards

Question Bank

OSPE, MCQ's, SEQ's

Study Hours

1st Year MBBS			
Ward	2 hrs/week	8 classes/batch	16
Clinicophysiological/ biochemical conferences	1.5 hr/month	9 months	13.5
Total hrs			29.5

2nd Year MBBS			
Ward	2 hrs 15 min/week	8 classes/batch	18
Clinicophysiological/ biochemical conferences	1.5 hr/month	9 months	13.5
Total hrs			31.5

3rd Year MBBS			
	Lecture hrs	Ward hrs	Evening hrs
		2 hr 15 min daily 3 classes per week 21 classes per batch = 48 hrs	3 hrs 30 min/ day 21 days/batch =111 hrs
		During winters morning ward time will reduce by 30 min and evening ward time increase by 30 min	
Emergency		2	15
Cardiology		9	3
Pulmonology		9	6
Nephrology		4	9
GI		9	3
General Medicine		15	37
Total hrs		48	73

4th Year MBBS			
	Lecture hrs	Ward hrs	Evening hrs
	2/week = 54 hrs	11 hrs/ week (1 class 3.5 hrs, 3 classes 2.5 hrs) 10 weeks =110 hrs	4 hrs a day/5 days a week For 5 weeks =100 hrs
		During winters morning ward time will reduce by 30 min and evening ward time increase by 30 min	
Emergency		0	20
Cardiology		6	8
Pulmonology		6	8

Nephrology		11	8
GI		6	8
General Medicine	54 hrs	81	48
Total hrs	54 hrs	110	100

5th Year MBBS			
	Lecture hrs	Ward hrs	Evening hrs
	6 lec/week =162	16.5 hrs /week (1 class 2.5 hrs, 4 classes 3.5 hrs) 10 weeks =198 hrs	4 hrs a day/5 days a week For 3 weeks =60 hrs
		During winters morning ward time will reduce by 30 min and evening ward time increase by 30 min	
Emergency	0	0	20
Cardiology	16	11	40
Pulmonology	12	11	
Nephrology	8	14	
GI	21	14	
Dermatology	13.5	33	
Psychiatry	13.5	33	
General Medicine	92	82	
Total hrs	176	198	60

TOTAL STUDY HOURS	880
--------------------------	------------

8.13 DEPARTMENT OF DERMATOLOGY

Educational Procedure

1. Bedside teaching (Postgraduates, House Officers, Undergraduates)
2. Daily classes (Postgraduate & House Surgeons)
3. Weekly rotation classes, assignments and examination techniques for final year students
4. Ward round teaching
5. OSPE classes
6. Monthly postgraduate written assessments
7. Students evaluation at the end of clinical rotation
8. OPD demonstrations by consultants of clinical methods of patients & simulated patients for final year MBBS followed by medical students demonstrations

Level of Faculty Involvement

1. **Final Year MBBS**
Professor, Assistant Professor

2. **Physiotherapy**
Professor, Assistant Professor

Feedback System

Verbal feedback ideally should be written

Record Maintenance

- Registers
- Computerized patient record keeping

Question Bank

In Consultant computers

ALIGNMENT OF EDUCATION WITH STUDY HOURS (5th year MBBS)

Sr #	Topic	Tutor	Lectures	Study hours
1	Introduction to Skin, Anatomy of Epidermis, Dermis, Specialized structures, functions & types of Skin Lesions.	Prof. Dr. Haroon Nabi	1	45 minutes
2	D.Dx of Itching, Pruritus, Infestations: Scabies, Pediculosis, Urticaria & Insect Bite.	Prof. Dr. Haroon Nabi	1	45 minutes
3	Eczemas: Atopic Dermatitis, Seborrhoeic Dermatitis & Contact Dermatitis	Prof. Dr. Haroon Nabi	1	45 minutes
4	Erythematous-Squamous Disorders: Psoriasis, Erythroderma, Lichen Planus.	Dr. Talat Masood Akbar (Associate Professor)	2	1.5 hours
5	Acne Vulgaris	Dr. Talat Masood Akbar (Associate Professor)	1	45 minutes
6	Bullous Eruptions : Pemphigus, Pemphigoid, Dermatitis Herpetiformis.	Dr. Talat Masood Akbar (Associate Professor)	2	1.5 hours
7	Erythema Multiforme, SJS / TEN. Drug Reactions.	Dr. Talat Masood Akbar (Associate Professor)	1	45 minutes
8	Infections: Viral, Fungal, Bacterial: furunculosis,	Prof. Dr. Haroon Nabi	3	2 hours 15 minutes

	Cellulitis. Leprosy, T. B			
9	Disorders of hair: Alopecia, Hirsutism Disorders of Nails.	Prof. Dr. Haroon Nabi	2	1.5 hours
10	Sexually Transmitted Diseases.	Prof. Dr. Haroon Nabi	1	45 minutes
11	Cutaneous Manifestations of Systemic Diseases	Prof. Dr. Haroon Nabi	1	45 minutes
12	Pigmentary Disorders	Prof. Dr. Haroon Nabi	1	45 minutes

LMDC

8.14 DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL SCIENCES

Education Procedure

1. Classroom teaching
2. Hospital based teaching
3. Case conferences

Teaching learning strategies

1. Interactive lectures
2. Conference and seminars
3. Students Presentations
4. Peer Assisted Learning (PAL)

Level of Faculty Involvement

1. Lectures
2. Final year, 3rd year MBBS; Professor Associate Professors & Assistant Professors
3. DPT & Pharmacy; Assistant Professor
4. PAL: Professor, Associate & Assistant Professors, Demonstrators

Assessment Formats

1. Short answer question
2. MCQs
3. OSPE
4. Graded exercise
5. Open book assignments

Feedback System

1. Discussion of test paper in class
2. Returning checked test papers with written comments
3. One to one feedback meeting with students
4. Parents Teacher Meetings

Maintenance of Record

1. Soft copies in computer
2. Attendance record
3. Test record
4. Record of submission of assignments
5. Record of learning styles

Question bank

Over 1000 question bank (SEQs' MCQs' OSPE)

Strategies to Tackle Weak Students

1. Meeting with students to identify issue
2. Parents Teacher meeting
3. Repeat lectures within the session
4. Written assignments

ALIGNMENT OF EDUCATION WITH STUDY HOURS (5th year MBBS)

Sr no	Topic	Teacher	Lecture	Lecture hours
1	General introduction to psychiatry History of psychiatry Psychiatric interview Mental state Examination How to approach a patient	Prof.Dr. Khalid Umer Gill	1	45 mints
2	Mood disorders • Major Depressive episodes • Unipolar • Dysthymic • Atypical Diagnosis complications Management CBT	Prof.Dr. Khalid Umer Gill	2	2hours
3	Bipolar Maniac episodes Diagnosis complications Management	Prof.Dr. Khalid Umer Gill	1	45 minutes

4	Acute Stress disorder Post-traumatic stress disorder Diagnosis complications stress Management	Prof.Dr. Khalid Umer Gill	1	45 minutes
5	Anxiety disorders • Acute anxiety states • Generalized anxiety disorders Diagnosis complications Management	Dr Naeem Aftab (assistant Professor)	1	45 minutes
6	Obsessive-compulsive disorders Diagnosis complications Management	Prof.Dr. Khalid Umer Gill	1	45 minutes
7	Phobic disorders Diagnosis complications Management	Prof.Dr. Khalid Umer Gill	1	45 minutes
8	Panic Disorders Diagnosis complications Management	Dr Naeem Aftab (assistant Professor)	1	45 minutes
9	Schizophrenia. Diagnosis complications Management	Prof.Dr. Khalid Umer Gill	2	1.5hours
10	Psychosexual disorders in men and women Diagnosis complications Management	Dr Naeem Aftab (assistant Professor)	1	45 minutes
11	Addiction Alcoholism Diagnosis complications Management	Prof.Dr. Khalid Umer Gill	1	45 minutes
12	Eating Disorder Diagnosis complications Management	Dr Naeem Aftab (assistant Professor)	1	45 minutes
13	Revision Test	Dr Naeem Aftab (assistant Professor)		45 minutes

9. TABLE OF SPECIFICATION (TOS) MBBS

<http://uhs.edu.pk/downloads.php#4>

LMDC

10. ACADEMIC CALENDAR

SESSION 2023-2024

- | | | | |
|-----|--|---|------------------------------|
| 1. | February, 2023 | - | Session Start |
| 2. | 5 th February, 2023 | - | Kashmir Day |
| 3. | 23 rd March, 2023 | - | Pakistan Day |
| 4. | 1 st May, 2023 | - | Labor Day |
| 5. | 24 th May, 2023 | - | Debates / Declamation |
| 6. | June – July 2023 | - | Mid Term Examination |
| 7. | 16 th June, to 15 th July, 2023 | - | Summer Vacation |
| 8. | *21 st to 24 th April, 2023 | - | Eid ul Fitr |
| 9. | *28 th to 30 th June, 2023 | - | Eid ul Azha |
| 10. | *27 th & 28 th July, 2023 | - | Aushura Muharram |
| 11. | 14 th August, 2023 | - | Independence Day of Pakistan |
| 12. | October 2023 | - | Annual Sport week |
| 13. | November – December 2023 | - | Send-up Examinations |
| 14. | *28 th September, 2023 | - | Eid Milad un-Nabi (P.B.U.H) |
| 15. | 9 th November, 2023 | - | Iqbal Day |
| 16. | December, 2023 | - | Annual UHS Examination |
| 17. | 24 th December to 31 st December, 2023 | - | Winter Vacation |

* Subject to the appearance of Moon.

11. TABLE OF PMDC SUBJECT WISE HOURS

TABLE OF SPACING AND HOURS OF SUBJECTS IN MBBS COURSE

SUBJECT	1 st year	2 nd year	3 rd year	4 th year	5 th year	Total Hours
BEHAVIOURAL SCIENCES	5 Hrs.	5 Hrs. 5 Hrs.	5 Hrs.	5 Hrs.	5 Hrs.	25 Hrs.
ISLAMIC & PAKISTAN STUDIES	15 Hrs.	15 Hrs. 10 Hrs.	10 Hrs.	-	-	50 Hrs.
ANATOMY	250 Hrs.	250 Hrs.	-	-	-	500 Hrs.
PHYSIOLOGY	250 Hrs.	250 Hrs.	-	-	-	500 Hrs.
BIOCHEMISTRY	100 Hrs.	100 Hrs.	-	-	-	200 Hrs.
PHARMACOLOGY	-	-	300 Hrs.	-	-	300 Hrs.
PATHOLOGY	15 Hrs.	25Hrs.	260 Hrs	200 Hrs	-	500 Hrs.
* FORENSIC MEDICINE	-	-	100 Hrs	-	-	100 Hrs.
** COMMUNITY MEDICINE	25 Hrs	25 Hrs	50 Hrs	150 Hrs	-	250 Hrs.
MEDICINE & Allied	25 Hrs.	30 Hrs.	120 Hrs	265 Hrs.	360Hrs	800 Hrs.
NUCLEAR MEDICINE	-	10 Hrs.	-	10 Hrs	-	20 Hrs.
{ EMERGENCY MEDICINE, MEDICINE ELECTIVE, *** PSYCHIATRY, DERMATOLOGY AND GENERAL PRACTICE }	-	-	-	-	-	-
PAEDIATRIC MEDICINE	5 Hrs.	10 Hrs.	15 Hrs	50 Hrs	70 Hrs	150 Hrs.
SURGERY & ALLIED	25 Hrs.	30 Hrs.	120 Hrs	265 Hrs	360 Hrs	800 Hrs.
{ **** RADIOLOGY ORTHOPAEDICS, PAED.SURGERY, NEUROSURGERY, SURGERY ELECTIVE, EMERGENCY SURGERY & ANAESTHESIA }	5 Hrs.	10 Hrs.	-	10 Hrs	15 Hrs	40 Hrs.
OBSTETRICS & GYNAECOLOGY	10 Hrs.	10 Hrs.	50 Hrs	100 Hrs	130 Hrs.	300 Hrs.
OPHTHALMOLOGY	5 Hrs.	10 Hrs.	15 Hrs	70 Hrs	-	100 Hrs.
OTORHINOLARYNGOLOGY(E.N.T.)	5 Hrs.	10 Hrs.	15 Hrs	70 Hrs	-	100 Hrs.
CLINICO-PATHOLOGICAL CONFERENCE	-	-	-	60 Hrs	-	60 Hrs.
Total	740 Hrs	790 Hrs	1060 Hrs	1265Hrs	940Hrs	4795Hrs

- * Bioethics will be taught in the Forensic Medicine.
- ** Biostatistics will be taught in Community Medicine.
- *** Behavioral Sciences will be taught in Psychiatry.
- **** Biophysics will be taught in Radiology.

12. TABLE OF LMDC SUBJECT WISE HOURS

(Subject to change)

Sr. No.	DEPARTMENT / SUBJECT	LMDC HOURS
1	Anatomy	1033
2	Physiology	535
3	Biochemistry	460
4	Pharmacology	305
5	Islamic & Pakistan Studies	45
6	Pathology	510
7	Forensic Medicine	150
8	Community Medicine	177
9	Medicine	880
10	Surgery	884
11	Obs. & Gynaecology	316
12	Paediatrics	301
13	Ophthalmology	162
14	E.N.T	152
15	Behavioral Sciences	36
16	Dermatology	46
17	Clinico-Pathological Conference	65

* TOS & breakup of teaching hours refer to departmental study guides.

13. TIME TABLES



Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

REVISED 1st YEAR M.B.B.S TIMETABLE SESSION 2022-2023 w.e.f. 01.03.2023 till 25.04.2023 FOUNDATION MODULE

DAY & TIME	08:00 a.m. to 09:30 a.m.	09:30 a.m. to 10:15 a.m.	10:15 a.m. to 11:00 a.m.	11:00 a.m. to 11:15 a.m.	11:15 a.m. to 12:00 Noon	12:00 Noon to 01:00 p.m.	01:00 p.m. to 1:45 p.m.	01:45 p.m. to 2:30 p.m.
MONDAY	Histology Practical A+B Physiology Practical C+D Biochemistry Practical E+F Physio./Bioch. Tutorial G+H Clinical Skills Foundation I+J	Biochemistry Lecture Theatre No. 3	Anatomy Lecture Theatre No. 3	Break	Physiology Lecture Theatre No. 2	Anatomy Lecture Theatre No. 2	* Community Medicine/AGING Lecture Theatre No. 2	Pathology Lecture Theatre No. 3
TUESDAY	Histology Practical C+D Physiology Practical E+F Biochemistry Practical G+H Physio./Bioch. Tutorial I+J Clinical Skills Foundation A+B	Biochemistry Lecture Theatre No. 3	Anatomy Lecture Theatre No. 3		Physiology Lecture Theatre No. 2	Anatomy Lecture Theatre No. 2	Pathology Lecture Theatre No. 2	Professionalism, Ethics, Research, Leadership Lecture Theatre No. 3
WEDNESDAY	Histology Practical E+F Physiology Practical G+H Biochemistry Practical I+J Physio./Bioch. Tutorial A+B Clinical Skills Foundation C+D	Biochemistry Lecture Theatre No. 1	Physiology Lecture Theatre No. 1		Anatomy Lecture Theatre No. 2	Anatomy Lecture Theatre No. 2	****Physiology/ Self Directed Learning Lecture Theatre No. 3	*****Biochemistry/ Self Directed Learning Lecture Theatre No. 3
THURSDAY	Histology Practical G+H Physiology Practical I+J Biochemistry Practical A+B Physio./Bioch. Tutorial C+D Clinical Skills Foundation E+F	Anatomy Lecture Theatre No. 1	Physiology Lecture Theatre No. 1		Biochemistry Lecture Theatre No. 2	12:00 Noon to 12:45 p.m. Anatomy Lecture Theatre No. 2	12:45 p.m. to 1:45 p.m. Behavioral Sciences Lecture Theatre No. 2	**Community Medicine/ Clinical Skills Foundation Lecture Theatre No. 3
FRIDAY	Histology Practical I+J Physiology Practical A+B Biochemistry Practical C+D Physio./Bioch. Tutorial E+F Clinical Skills Foundation G+H	Physiology Lecture Theatre No. 1	Biochemistry Lecture Theatre No. 1		Anatomy Lecture Theatre No. 1	12:00 Noon to 01:00 p.m. *** Holy Quran/ Pharmacology Lecture Theatre No. 1	01:00 p.m. to 2:30 p.m. Self Directed Learning	

NO. LMDC/ 3184-3209 /2023, DATED: 03-03-23

Copy for information to the:

- Principal, Lahore Medical & Dental College, Lahore
- Heads of all concerned Departments
- Director Administration, LMDC
- Director Medical Education, LMDC
- Director Skills Lab., LMDC
- Director IT, LMDC
- Medical Superintendent, GTTH
- Chairman Time Table Committee, LMDC
- Transport Incharge, LMDC
- Lecture Theatre Incharge, LMDC
- Warden / Senior Assistant Warden Hostels (Boys/Girls)
- Security Supervisor, LMDC
- Class Representative (Boy/Girl)
- M/s Ali Tours, LMDC
- Notice Boards

- * Last Monday of module: AGING
- ** Community Medicine/Clinical Skills Foundation on alternate weeks
- *** Holy Quran/Pharmacology on alternate weeks
- **** Physiology/ Self Directed on alternate weeks
- ***** Biochemistry/Self Directed Learning on alternate weeks

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL

BE SUBSTITUTED BEARING SAME NUMBER AND DATE



Lahore Medical & Dental College
Canal Bank North, Tulsipura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

1st YEAR M.B.B.S TIMETABLE SESSION 2022-2023 w.e.f. 26.04.2023 till 16.05.2023

H.L MODULE

DAY & TIME	08:00 a.m. to 09:30 a.m.	09:30 a.m. to 10:15 a.m.	10:15 a.m. to 11:00 a.m.	11:00 a.m. to 11:15 a.m.	11:15 a.m. to 12:00 Noon	12:00 Noon to 01:00 p.m.	01:00 p.m. to 1:45 p.m.	01:45 p.m. to 2:30 p.m.
MONDAY	* Histology Practical /CSF A+B Physiology Practical C+D Biochemistry Practical E+F Physiology Tutorial G+H Biochemistry Tutorial I+J	Physiology Lecture Theatre No. 3	Biochemistry Lecture Theatre No. 3	Break	Physiology Lecture Theatre No. 2	Biochemistry / Aging Lecture Theatre No. 2	***Preventive Medicine Lecture Theatre No. 2	**Pathology/ CSF/ Behavioural Sciences Lecture Theatre No. 2
TUESDAY	* Histology Practical /CSF C+D Physiology Practical E+F Biochemistry Practical G+H Physiology Tutorial I+J Biochemistry Tutorial A+B	Physiology Lecture Theatre No. 3	Biochemistry Lecture Theatre No. 3		Physiology Lecture Theatre No. 2	Biochemistry Lecture Theatre No. 2	Pathology Lecture Theatre No. 2	Professionalism, Ethics, Research, Leadership Lecture Theatre No. 2
WEDNESDAY	* Histology Practical /CSF E+F Physiology Practical G+H Biochemistry Practical I+J Physiology Tutorial A+B Biochemistry Tutorial C+D	Physiology Lecture Theatre No. 1	Biochemistry Lecture Theatre No. 1		Experimental Physiology Lecture Theatre No. 2	Biochemistry Lecture Theatre No. 2	Anatomy Lecture Theatre No. 2	Pathology Lecture Theatre No. 2
THURSDAY	* Histology Practical /CSF G+H Physiology Practical I+J Biochemistry Practical A+B Physiology Tutorial C+D Biochemistry Tutorial E+F	Physiology Lecture Theatre No. 1	Biochemistry Lecture Theatre No. 1		Physiology Lecture Theatre No. 2	Experimental Biochemistry Lecture Theatre No. 2	Pharmacology Lecture Theatre No. 2	***Preventive Medicine Lecture Theatre No. 2
FRIDAY	* Histology Practical /CSF I+J Physiology Practical A+B Biochemistry Practical C+D Physiology Tutorial E+F Biochemistry Tutorial G+H	Physiology Lecture Theatre No. 1	Biochemistry Lecture Theatre No. 1		****Pathology / PERL Lecture Theatre No. 2	Holy Quran Lecture Theatre No. 2		

NO. LMDC/ 5744-65 /2023, DATED: 19-04-23

Copy for information to the:

- Principal, Lahore Medical & Dental College, Lahore
- Heads of all concerned Departments
- Director Administration, LMDC
- Director Medical Education, LMDC
- Director Skills Lab., LMDC
- Director IT, LMDC
- Medical Superintendent, GTTH
- Chairman Time Table Committee, LMDC
- Transport Incharge, LMDC
- Lecture Theatre Incharge, LMDC
- Warden / Senior Assistant Warden Hostels (Boys/Girls)
- Security Supervisor, LMDC
- Class Representative (Boy/Girl)
- M/s Ali Tours, LMDC
- Notice Boards

- * Histology Practical / Clinical Skills Foundation (CSF) on alternate weeks
- ** 1st week Pathology, 2nd week CSF, 3rd week Behavioural Sciences (Life Skills)
- *** Preventive Medicine (Community Medicine / Behavioural Sciences)
- **** 1st & 2nd week Pathology, 3rd week PERL
(Schedule attached)

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL



Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

1st YEAR M.B.B.S TIMETABLE SESSION 2022-2023 w.e.f. 02.06.2023 till 25.08.2023

MUSCULOSKELETAL MODULE

DAY & TIME	08:00a.m. to 09:00a.m.	09:00a.m. to 10:30a.m.	10:30a.m. to 10:45a.m.	10:45a.m. to 11:30a.m.	11:30a.m. to 12:15p.m.	12:15p.m. to 01:00p.m.	01:00p.m. to 02:30p.m.
MONDAY	Histo. Practical • Physio./Biochem. Tutorial/CSF Biochem. Practical (A+B+C+D) (E+F+G) (H+I+J)	Anatomy Dissection Dissection Hall	Break	** Aging/Disease Prevention & Impact Lecture theatre No. 3	Anatomy Lecture Lecture theatre No. 3	Physiology Lecture Lecture theatre No. 2	Anatomy Dissection Dissection Hall
TUESDAY	Histo. Practical • Physio./Biochem. Tutorial/CSF Biochem. Practical (E+F+G) (H+I+J) (A+B+C+D)	Anatomy Dissection Dissection Hall		Physiology Lecture Lecture theatre No. 2	Biochemistry Lecture Lecture theatre No. 2	Pathophysiology and Pharmacotherapeutics Lecture theatre No. 2	Anatomy Dissection Dissection Hall
WEDNESDAY	Histo. Practical • Physio./Biochem. Tutorial/CSF Biochem. Practical (H+I+J) (A+B+C+D) (E+F+G)	Anatomy Dissection Dissection Hall		Physiology Lecture Lecture theatre No. 2	Pathophysiology & Pharmacotherapeutic Lecture theatre No. 2	Anatomy Lecture Lecture theatre No. 2	Anatomy Dissection Dissection Hall
THURSDAY	08:00a.m. to 09:30a.m. Anatomy Dissection Dissection Hall	09:30a.m. to 09:45a.m. Break	09:45a.m. to 10:30a.m. Disease Prevention & Impact Lecture theatre No. 1	10:30a.m. to 11:15a.m. Biochemistry Lecture Lecture theatre No. 1	11:15a.m. to 12:00Noon Physiology Lecture Lecture theatre No. 1	12:00Noon to 01:00p.m. Anatomy Lecture Lecture theatre No. 2	01:00p.m. to 02:30p.m. Anatomy Dissection Dissection Hall
FRIDAY	08:00a.m. to 09:45a.m. Anatomy Dissection Dissection Hall	09:45a.m. to 10:30a.m. Biochemistry Lecture Lecture theatre No. 1	10:30a.m. to 11:15a.m. *** PERL/ Disease Prevention & Impact Lecture theatre No. 1	11:15a.m. to 12:00Noon Disease Prevention & Impact Lecture theatre No. 1	12:00Noon to 01:00p.m. *** Physiology/Biochemistry Lecture Lecture theatre No. 1		

NO. LMDC/ 7823-48 /2023, DATED: 29-5-23

Copy for information to the:

1. Principal, Lahore Medical & Dental College, Lahore
2. Heads of all concerned Departments
3. Director Administration, LMDC
4. Director Medical Education, LMDC
5. Director Skills Lab., LMDC
6. Director IT, LMDC
7. Medical Superintendent, GTTH
8. Chairman Time Table Committee, LMDC
9. Transport Incharge, LMDC
10. Lecture Theatre Incharge, LMDC
11. Warden / Senior Assistant Warden Hostels (Boys/Girls)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s Ali Tours, LMDC
15. Notice Boards

* Physio./Biochem. Tutorial/CSF (Physiology: 1st 5 Tutorials, Biochemistry: 6th Tutorial, CSF: 7th and 8th Tutorials)
** Aging/Disease Prevention & Impact: (Disease Prevention & Impact: Last 4 Lectures of module, Aging: First 4 Lectures of module)
*** Physiology/Biochemistry Lectures (Physiology: First 5 lectures of module, Biochemistry: Last 3 lectures of module)
**** PERL/ Disease Prevention & Impact (PERL: First 3 Lectures of the module, Disease Prevention & Impact: Last 5 lectures of the module)

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL



Lahore Medical & Dental College
 Canal Bank North, Tulpura, Lahore
 Phone No. 0346-4418891-98
 No. LMDC/ /2023, Dated:

2ND YEAR M.B.B.S REVISED TIMETABLE SESSION 2021-2022 w.e.f. 27-02-2023

DAY & TIME	08:00 a.m. to 08:45 a.m.	08:45 a.m. to 09:30 a.m.	09:30 a.m. to 10:15 a.m.	10:15 a.m. to 10:45 a.m.	10:45 a.m. to 12:15 p.m.	12:15 p.m. to 01:00 p.m.	01:00 p.m. to 02:30 p.m.
MONDAY	Biochemistry Lecture Theater No. 1	Anatomy Lecture Theater No. 1	Physiology Lecture Theater No. 1	BREAK	Anatomy Dissection Dissection Hall	Physiology Lecture Theater No. 1	Histology Practical A+B Physiology Practical C+D Biochemistry Practical E+F Physiology Tutorial G+H Biochemistry Tutorial I+J
TUESDAY	Biochemistry Lecture Theater No. 1	Physiology Lecture Theater No. 1	09:30 a.m. to 10:15 a.m. Anatomy Lecture Theater No. 1	10:15 a.m. to 11:45 a.m. Anatomy Dissection Dissection Hall	11:45 a.m. to 12:15 p.m. BREAK	Clinical Physiology Lecture Theater No. 1	Histology Practical C+D Physiology Practical E+F Biochemistry Practical G+H Physiology Tutorial I+J Biochemistry Tutorial A+B
WEDNESDAY	Physiology Lecture Theater No. 1	Islamiyat & Pak. Studies (Lecture Th. No. 1)	09:30 a.m. to 11:00 a.m. Anatomy Dissection Dissection Hall	11:00 a.m. to 11:30 a.m. BREAK	11:30 a.m. to 01:00 p.m. Physiology/Biochemistry Tutorial Lecture Theater No. 1 & Lab (Alt. week)		Histology Practical E+F Physiology Practical G+H Biochemistry Practical I+J Physiology Tutorial A+B Biochemistry Tutorial C+D
THURSDAY	Anatomy Lecture Theater No. 1	Physiology Lecture Theater No. 1	09:30 a.m. to 10:15 a.m. Biochemistry Lecture Theater No. 2	10:15 a.m. to 10:45 a.m. BREAK	10:45 a.m. to 12:15 p.m. Anatomy Dissection Dissection Hall	12:15 p.m. to 01:00 p.m. Biochemistry Lecture Theater No. 1	Histology Practical G+H Physiology Practical I+J Biochemistry Practical A+B Physiology Tutorial C+D Biochemistry Tutorial E+F
FRIDAY	Anatomy Lecture Theater No. 1	Biochemistry Lecture Theater No. 1	09:30 a.m. to 11:00 a.m. Anatomy Dissection Dissection Hall	11:00 a.m. to 11:30 a.m. BREAK		11:30 a.m. to 01:00 p.m. Histology Practical I+J Physiology Practical A+B Biochemistry Practical C+D Physiology Tutorial E+F Biochemistry Tutorial G+H	

No. LM&DC/ 2579-87 /23, Dated: 24-02-23

Copy for Information to the:-

1. Principal, Lahore Medical & Dental College, Lahore
2. Heads of all Concerned Departments
3. Director Administration, LMDC
4. Director Medical Education, LMDC
5. Director Skills Lab., LMDC
6. Director IT, LMDC
7. Medical Superintendent, GTTH
8. Chairman Time Table Committee, LMDC
9. Transport Incharge, LMDC
10. Lecture Theatre Incharge, LMDC
11. Warden / Senior Assistant Warden Hostels (Boys/Girls)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s Ali Tours, LMDC
15. Notice Boards

Batch Grouping for Dissection Hall
 Group-I A+B+C
 Group-II D+E
 Group-III F+G+H
 Group-IV I+J

PROF. MIAN MUHAMMAD SHAFIQUE
 PRINCIPAL



Lahore Medical & Dental College
Canal Bank North, Tulsipura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

3RD YEAR M.B.B.S TIMEABLE SESSION 2020-2021 w.e.f. 13-02-2023

Day & Time	08:00 a.m. to 09:30 a.m.		09:30 a.m. to 09:45 a.m.	09:45 a.m. to 11:45 a.m.	11:45 a.m. to 12:00 noon	12:00 noon to 12:15 p.m.	12:15 p.m. to 01:00 p.m.		01:00 p.m. to 02:30 p.m.	
Monday	Grand Tutorial 1 st week Pharmacology 2 nd week Community Medicine 3 rd week Pathology 4 th week Clinical Pharmacology Lecture Theatre No. 3		TRAVEL TO GTTH	Clinical Ward	TRAVEL TO LMDC	BREAK	Forensic Medicine Lecture Theatre No. 3		Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma	A+B C+D E+F G+H I+J
Tuesday	08:00 a.m. to 08:45 a.m. Pathology Lecture Theatre No. 3	08:45 a.m. to 09:30 a.m. Pharmacology Lecture Theatre No. 3		Clinical Ward / Skill Lab for one batch			Pharmacology Lecture Theatre No. 3	Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma	I+J A+B C+D E+F G+H	
Wednesday	Pharmacology Lecture Theatre No. 3	Pathology Lecture Theatre No. 3		Clinical Ward			Forensic Medicine Lecture Theatre No. 3	Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharma	G+H I+J A+B C+D E+F	
Thursday	Forensic Medicine Lecture Theatre No. 3	Pharmacology Lecture Theatre No. 3		09:30 a.m. to 10:15 a.m. Eye Lecture Theatre No. 3			10:15 a.m. to 10:30 a.m. BREAK	10:30 a.m. to 11:15 a.m. Pathology Lecture Theatre No. 3	11:15 a.m. to 12:00 noon Pharmacology Lecture Theatre No. 3	12:00 noon to 12:45 p.m. Behavioural Sciences Lecture Theatre No. 3
Friday	08:00 a.m. to 09:15 a.m. Pharmacology Lecture Theatre No. 3		09:15 a.m. to 10:00 a.m. ENT Lecture Theatre No. 3		10:00 a.m. to 10:45 a.m. Pathology Lecture Theatre No. 3		10:45 a.m. to 11:30 a.m. * Medicine / Surgery Lecture Theatre No. 3		Pathology Pharmacology Forensic Medicine Clinical Pathology Clinical Pharmacology	C+D E+F G+H I+J A+B

No. LM&DC/1499-1520 /23, Dated: 3-2-23

Copy for Information to the:-

1. Principal, Lahore Medical & Dental College, Lahore
2. Heads of all concerned Departments
3. Director Administration, LMDC
4. Director Medical Education, LMDC
5. Director Skills Lab., LMDC
6. Director IT, Lahore Medical & Dental College, Lahore
7. Medical Superintendent, GTTH
8. Chairman Clinical Time Table, LMDC
9. Transport In Charge, LMDC
10. Lecture Theatre in Charge, LMDC
11. Warden/Assistant Warden Hostels (Boys/Girls)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s Ali Tours, LMDC
15. Notice Board

* Medicine/Surgery lecture schedule will be issued separately.
Schedule for 6 field visit of Forensic Medicine will be issued separately.


PROF. DR. A. MAHEED CHAUDHRY
PRINCIPAL



Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

4th YEAR M.B.B.S TIME TABLE SESSION 2019-2020 w.e.f. 27-03-2023

4 YEAR M.B.B.S TIME TABLE SESSION 2019-2020 WEEK 27 & 28								
DAYS	08:00 a.m. to 08:45 a.m.	08:45 a.m. to 09:45 a.m.	09:45 a.m. to 10:30 a.m.	10:30 a.m. to 11:15 a.m.	11:15 a.m. to 11:30 a.m.	11:30 a.m. to 01:30 p.m.	01:30 p.m. to 01:45 p.m.	01:45 p.m. to 02:30 p.m.
MONDAY	Surgery-II Lecture Theater No. 2	CPC	Pathology Lecture Theater No. 2	Pediatrics Lecture Theater No. 2	Travel Time to to GTTH	WARD	Travel Time to to LMDC	Community Medicine Lecture Theater No. 2
TUESDAY	08:00 a.m. to 08:45 a.m. Community Medicine Lecture Theater No. 2	08:45 a.m. to 09:30 a.m. Surgery-I Lecture Theater No. 2	09:30 a.m. to 11:00 a.m. Practical Pathology	11:00 a.m. to 11:15 a.m. Travel Time to GTTH	11:15 a.m. to 01:15 p.m. WARD		01:15 p.m. to 01:45 p.m. Break & Travel Time to LMDC	Pathology Lecture Theater No. 2
WEDNESDAY	Medicine Lecture Theater No. 2	EYE Lecture Theater No. 2	Practical Community Medicine Lecture Theater No.3		WARD / SKILLS LAB.			ENT Lecture Theater No. 2
THURSDAY	Pathology Lecture Theater No. 2	Gynae Lecture Theater No. 2	Practical Pathology		WARD			EYE Lecture Theater No. 2
FRIDAY	08:00 a.m. to 09:30 a.m.		09:30 a.m. to 10:15 a.m.	10:15 a.m. to 11:00 a.m.	11:00 a.m. to 11:15 a.m.	11:15 a.m. to 12:00 noon	12:00 noon to 12:45 p.m.	
	Pathology Long Lecture / Practical Lecture Theater No. 2		Community Medicine Lecture Theater No. 2	ENT Lecture Theater No. 2	Break	Pathology Lecture Theater No. 2	Medicine Lecture Theater No. 2	

No. LM&DC/ 3289-3310 /23, Dated: 06-03-23

Copy for Information to the:-

1. Principal, Lahore Medical & Dental College, Lahore
2. Heads of all concerned Departments
3. Director Administration, LMDC
4. Director Medical Education, LMDC
5. Director Skills Lab., LMDC
6. Director IT, LMDC
7. Medical Superintendent, GTTH
8. Chairman Time Table Committee, LMDC
9. Transport In Charge, LMDC
10. Lecture Theatre In Charge, LMDC
11. Warden/Assistant Warden Hostels (Boy/Girl)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s Ali Tours, LMDC
15. Notice Board

Monthly test schedule:-

- 1st week Community Medicine
- 2nd week Eye
- 3rd week ENT
- 4th week Pathology

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL



Lahore Medical & Dental College
Canal Bank North, Tulpura, Lahore
Phone No. 0346-4418891-98
No. LMDC/ /2023, Dated:

5TH YEAR M.B.B.S. TIME TABLE SESSION 2018-2019 w.e.f. 06-03-2023

Day	08:00 a.m. to 08:45 a.m.	08:45 a.m. to 09:45 a.m.	09:45 a.m. to 10:30 a.m.	10:30 a.m. to 10:45 a.m.	10:45 a.m. to 02:15 p.m.	02:15 p.m. to 02:30 p.m.	
Monday	Medicine Auditorium	CPC Auditorium	Paediatrics Auditorium	Travel to GTTH	Hospital Work	Travel to LMDC	
Tuesday	Surgery I Auditorium	08:45 a.m. to 09:30 a.m. Urology Auditorium	09:30 a.m. to 10:15 a.m. Medicine Auditorium	10:15 a.m. to 10:30 a.m.	10:30 a.m. to 02:15 p.m. Hospital Work		
Wednesday	Surgery II Auditorium	Obs. Gynae Auditorium	Medicine Auditorium	Travel To GTTH	Hospital work		
Thursday	Surgery I / Radiology Auditorium	Obs. Gynae Auditorium	Medicine Auditorium		Hospital work		
Friday	Surgery II / Anaesthesia Auditorium	Pediatrics Auditorium	Psychiatry 06-03-23 to 21-07-23 Dermatology 24-07-23 to 13-11-23 Auditorium	10:15 a.m. to 11:00 a.m. Orthopaedics Auditorium	11:00 a.m. to 11:15 a.m. Travel to GTTH	11:15 a.m. to 12:45 p.m. Hospital work	12:45 p.m. to 01:00 p.m. Travel to LMDC

No. LM&DC/ 2513-33 /23, Dated: 23-02-23

Copy for Information to the:-

1. Principal, Lahore Medical & Dental College, Lahore
2. Heads of all concerned Departments
3. Director Administration, LMDC
4. Director Medical Education, LMDC
5. Director Skills Lab., LMDC
6. Director IT, LMDC
7. Medical Superintendent, GTTH
8. Chairman Time Table Committee, LMDC
9. Transport In Charge, LMDC
10. Lecture Theatre In Charge, LMDC
11. Assistant Warden Hostels (Boy/Girl)
12. Security Supervisor, LMDC
13. Class Representative (Boy/Girl)
14. M/s Ali Tours, LMDC
15. Notice Board

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL

Timetable CLINICAL SKILLS FOUNDATION

1st yr MBBS 2023

Module date 6-3-23 to 25-4-23

Time: 8:00 – 9:30 am

Monday – Friday

DATES	DEPARTMENT
6/3/23 - 10/3/23	MEDICINE
13/3/23 - 17/3/23	SURGERY
20/3/23 - 24/3/23	MEDICINE
27/3/23 - 31/3/23	SURGERY
3/4/23 - 7/4/23	MEDICINE
10/4/23 - 14/4/23	SURGERY
17/4/23 - 21/4/23	MEDICINE
24/4/23 - 25/4/23	SURGERY

BATCHES

Mon – J+I
Tue – A+B
Wed – C+D
Thu – E+F
Fri – G+H

SKILLS TAUGHT

	NAME OF SKILL	DEPARTMENT INVOLVED
1	Procedure of taking radial Pulse	Medicine
2	Procedure of taking respiratory rate	Medicine
3	Procedure of taking blood pressure	Medicine
4	Process of wearing gloves	Surgery
5	Method of Hand washing	Surgery

Director,
Clinical Skills Lab, LMDC

DIRECTOR
CLINICAL SKILLS LAB

Prof. Dr. Mian Muhammad Shafique
FRCS (GLASC.), MS OPHTH., MHPE (Holland)
Principal
Lahore Medical & Dental College, Ltd.
Lahore

**REVISED SKILLS LAB SCHEDULE FOR
3RD YEAR MBBS (w.e.f 13-4-23)**

Day: Tuesday
Time: 9:45 am to 11:45 am

Ramzan Time: 9:25 – 10:40 am

Medicine Skills		Pathology Skills (Medicine-II)		Orthopedics Skills (Surgery-II)		Surgery-I Skills		Pediatrics Skills	
Interpretation of ECG		Introduction to Branulas and Syringes		Introduction to Bandages and POP		Hand washing, Gloving and Gowning		I/V injection and venipuncture	
4-4-23	CD			18-4-23	E	4-4-23	F	18-4-23	A
		2-5-23	CD	9-5-23	F	2-5-23	E	9-5-23	B
16-5-23	EF			30-5-23	G	16-5-23	H	30-5-23	C
		6-6-23	EF	18-7-23	H	6-6-23	G	18-7-23	D
1-8-23	GH			15-8-23	I	1-8-23	J	15-8-23	E
		22-8-23	GH	5-9-23	J	22-8-23	I	5-9-23	F
				26-9-23	A	12-9-23	B	26-9-23	G
12-9-23	U			17-10-23	B	3-10-23	A	17-10-23	H

Clinical Session ends on 20-10-23

S. H. 15422
DIRECTOR
CLINICAL SKILLS LAB.
Lahore Medical & Dental College
Lahore

EID-UL FITR 20, 24 April
EID UL ADHA 28, 29 June
ASHURA 28 July
INDEPENDENCE DAY 14 August
EID MILAD 28 Sep

SKLB-15-2023
19-04-2023

REVISED SKILLS LAB TIMETABLE FOR 4th YEAR MBBS

W.e.f 17-4-23

Day: WEDNESDAY

Time: 11:15 pm to 1:15 pm

Ramzan time: 10:35 – 12:00 pm

Orthopedics Skills (Surgery-II)		Surgery Skills (Surgery-I)		Medicine Skills (Medicine I)		Pathology Skills (Medicine II)		ENT Skills		Pediatrics Skills		Gynecology Skills	
POP AND SPLINT APPLICATION		1-TRU CUT BIOPSY, 2- VENOUS CUT DOWN		1-BASIC LIFE SUPPORT, 2-HEMILICH'S MANEUVER		PHLEBOTOMY / BLOOD FILM MAKING		TRACHEOSTOMY		NEW BORN RESUSCITATION		1. IUC INSERTION 2. PAP SMEAR 3. SPONTANEOUS VAGINAL DELIVERY WITH EPISIOTOMY.	
19-4-23	B	26-4-23	A	3-5-23	CD	10-5-23	CD	19-4-23	EF	26-4-23	J	3-5-23	I
17-5-23	C	24-5-23	D	31-5-23	EF			24-5-23	GH	31-5-23	A	17-5-23	B
7-5-23	D	14-6-23	C			19-7-23	EF	14-6-23	GH	19-7-23	B	7-6-23	A
26-7-23	E	2-8-23	F	9-8-23	GH			2-8-23	I	9-8-23	C	26-7-23	D
23-8-23	F	30-8-23	E			6-9-23	GH	30-8-23	I	6-9-23	D	23-8-23	C
13-9-23	G	20-9-23	H	27-9-23	I			20-9-23	AB	27-9-23	E	13-9-23	F
4-10-23	H	11-10-23	G			18-10-23	I	11-10-23	AB	18-10-23	F	4-10-23	E
25-10-23	I	1-11-23	J	8-11-23	AB			1-11-23	CD	8-11-23	G	25-10-23	H
15-11-23	J	22-11-23	I			29-11-23	AB	22-11-23	CD	29-11-23	H	15-11-23	G

EYE skills will be taught in GTTH
Clinical Session ends: 2-12-23

DIRECTOR

SKILLS LAB.

Medical & Dental College

Faculty

SKLB-15-2023

16-04-2023

EID-UL Fitar
EID UL AdHA
ASHURA
INDEPENDENCE DAY
EID Milad
IQBAL DAY

20, 24 April
28, 29 June
28 July
14 August
28 Sep
9 Nov

REVISED (w.e.f 13-3-23)

SKILLS SCHEDULE FOR 5th YEAR MBBS 2023

(w.e.f 6-3-22)

Day: Mondays

Time: 10:45 am to 2:15 pm

Medicine Skills	Anesthesia Skills (students in Medicine-II)	Surgery -II Skills	Surgery -I Skills
ACLS	Airway maintenance Endotracheal Intubation	Skin incisions, surgical knots and Sutures	Chest tube intubation Per rectal examination
13-3-23 A	20-3-23 B	27-3-23 C	3-4-23 D
17-4-23 B	24-4-23 A	8-5-23 D	15-5-23 C
29-5-23 C	5-6-23 D	12-6-23 E	17-7-23 F
31-7-23 D	7-8-23 C	21-8-23 F	28-8-23 E
4-9-23 E	11-9-23 F	18-9-23 A	25-9-23 B
16-10-23 F	23-10-23 E	30-10-23 B	6-11-23 A

Gynecology Skills	Pediatrics Skills	Urology Skills (Students in Surgery-II)	Orthopedics Skills (Students in Surgery-I)
1. Spontaneous vaginal delivery, with episiotomy repair. 2. Breech delivery, disposition 3. Forceps delivery 4. Cesarean delivery	Newborn resuscitation/ Ventilator settings	Foley's & Suprapubic Catheterization	Primary Trauma care
27-3-23 E	3-4-23 F	13-3-23 C	20-3-23 D
8-5-23 F	15-5-23 E	17-4-23 D	24-4-23 C
12-6-23 A	17-7-23 B	29-5-23 E	5-6-23 F
21-8-23 B	28-8-23 A	31-7-23 F	7-8-23 E
18-9-23 C	25-9-23 D	4-9-23 A	11-9-23 B
30-10-23 D	6-11-23 C	16-10-23 B	23-10-23 A

Clinical Session ends 13-11-2023

SKLB-09-2023
13-03-2023
DIRECTOR
CLINICAL SKILLS LAB.
Lahore Medical & Dental College
Lahore

PAKISTAN DAY

EID-UL FITR

EID UL ADHA

ASHURA

INDEPENDENCE DAY

EID MILAD

23 March

21, 23 April

28, 29 June

28 July

14 August

28 Sep

14. STUDENT CLINICAL BATCHES & ROTATIONS SCHEDULES

(Subject to change)

NOTICE

3rd YEAR MBBS

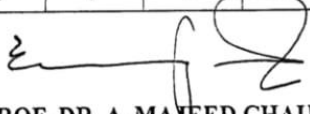
Time Table of clinical batches of 3rd Year MBBS with effect from 13-02-2023

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	24015, 26001, 26002, 26003, 26004, 26005, 26006, 26007, 26008, 26009, 26010, 26011, 26012, 26013, 26014
B	24108, 26015, 26016, 26017, 26018, 26019, 26020, 26021, 26022, 26023, 26024, 26025, 26026, 26027, 26029
C	25046, 26030, 26031, 26032, 26033, 26034, 26035, 26036, 26037, 26038, 26039, 26040, 26041, 26042, 26043
D	25113, 26044, 26045, 26046, 26047, 26048, 26049, 26050, 26052, 26053, 26054, 26055, 26056, 26057, 26058
E	25117, 26059, 26060, 26061, 26062, 26063, 26064, 26065, 26066, 26067, 26068, 26069, 26070, 26072
F	25135, 26073, 26074, 26075, 26076, 26077, 26078, 26079, 26080, 26081, 26082, 26085, 26086, 26087, 26088
G	25139, 26089, 26090, 26091, 26092, 26093, 26094, 26095, 26096, 26097, 26099, 26100, 26101, 26102
H	25155, 26103, 26104, 26105, 26107, 26108, 26109, 26110, 26111, 26113, 26114, 26115, 26116, 26117, 26118
I	26119, 26120, 26121, 26122, 26123, 26124, 26127, 26128, 26129, 26130, 26131, 26132, 26133, 26134, 26135
J	26136, 26137, 26138, 26139, 26140, 26141, 26142, 26143, 26144, 26145, 26146, 26147, 26148, 26149, 26150

Duration

	13-02-23 to 06-03-23	07-03-23 to 28-03-23	29-03-23 to 19-04-23	20-04-23 to 11-05-23	12-05-23 to 02-06-23	03-06-23 to 24-07-23	25-07-23 to 15-08-23	16-08-23 to 07-09-23	08-09-23 to 29-09-23	30-09-23 to 20-10-23
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-I	C	D	E	F	G	H	I	J	A	B
Surgery-II	D	C	F	E	H	G	J	I	B	A
Eye-I	E	F	G	H	I	J	A	B	C	D
Eye-II	F	E	H	G	J	I	B	A	D	C
ENT-I	G	H	I	J	A	B	C	D	E	F
ENT-II	H	G	J	I	B	A	D	C	F	E
Paeds	I	J	A	B	C	D	E	F	G	H
Beh. Sciences	J	I	B	A	D	C	F	E	H	G


PROF. DR. A. MAJEED CHAUDHRY
PRINCIPAL

NOTICE

4th YEAR MBBS

Time Table of clinical batches of 4th year MBBS with effect from 27-03-22

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	23016, 24017, 24057, 25001, 25002, 25003, 25004, 25005, 25006, 25007, 25008, 25009, 25010, 25011, 25012
B	25013, 25014, 25015, 25016, 25017, 25018, 25019, 25020, 25021, 25022, 25023, 25024, 25025, 25026, 25027
C	25029, 25030, 25031, 25032, 25033, 25034, 25035, 25036, 25037, 25038, 25039, 25040, 25041, 25042, 25043
D	25044, 25045, 25047, 25048, 25050, 25051, 25052, 25053, 25054, 25055, 25056, 25057, 25058, 25059, 25060
E	25061, 25063, 25064, 25065, 25066, 25067, 25068, 25069, 25070, 25071, 25072, 25073, 25074, 25075, 25076
F	25077, 25078, 25079, 25080, 25081, 25082, 25084, 25085, 25086, 25087, 25088, 25090, 25091, 25092, 25093
G	25094, 25095, 25096, 25097, 25098, 25099, 25101, 25102, 25103, 25104, 25106, 25107, 25108, 25109
H	25110, 25111, 25112, 25114, 25115, 25116, 25118, 25119, 25120, 25121, 25122, 25123, 25124, 25125
I	25126, 25127, 25129, 25130, 25131, 25132, 25134, 25136, 25137, 25138, 25140, 25141, 25142, 25143
J	25144, 25145, 25146, 25147, 25148, 25149, 25150, 25151, 25152, 25153, 25154, 25156, 25157, 25158

Duration

Duration/ Unit	27-03-23 to 17-04-23	18-04-23 to 10-05-23	11-05-23 to 01-06-23	02-06-23 to 23-07-23	24-07-23 to 15-08-23	16-08-23 to 06-09-23	07-09-23 to 28-09-23	29-09-23 to 22-10-23	23-10-23 to 12-11-23	13-11-23 to 02-12-23
Surgical Unit-II	A	B	C	D	E	F	G	H	I	J
Surgical Unit-I	B	A	D	C	F	E	H	G	J	I
Medical Unit-I	C	D	E	F	G	H	I	J	A	B
Medical Unit-II	D	C	F	E	H	G	J	I	B	A
ENT	E + F		G + H		I + J		A + B		C + D	
Eye	G + H		I + J		A + B		C + D		E + F	
Paediatrics	I	J	A	B	C	D	E	F	G	H
Gynae & Obst.	J	I	B	A	D	C	F	E	H	G

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL

NOTICE

FINAL YEAR MBBS

Time Table of Clinical Batches of Final Year MBBS with effect from 06-03-2023

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

Batch	Roll No.
A	14069, 19144, 21015, 21086, 24001, 24002, 24003, 24004, 24005, 24007, 24008, 24009, 24010, 24011, 24012, 24013, 24014, 24016, 24018, 24019, 24020, 24021, 24022, 24023, 24024, 24025, 24026, 24027, 24028, 24102
B	21144, 22002, 22060, 22061, 24029, 24030, 24031, 24032, 24033, 24034, 24035, 24036, 24037, 24038, 24039, 24040, 24041, 24042, 24043, 24044, 24045, 24046, 24047, 24048, 24049, 24050, 24051, 24052, 24053
C	22074, 22088, 22090, 22111, 24034, 24055, 24056, 24058, 24059, 24060, 24061, 24062, 24063, 24064, 24065, 24066, 24067, 24068, 24069, 24070, 24071, 24072, 24073, 24074, 24075, 24076, 24077, 24078, 24080
D	21090, 22121, 22152, 22157, 23024, 24081, 24082, 24083, 24084, 24085, 24087, 24088, 24089, 24090, 24091, 24092, 24093, 24094, 24095, 24096, 24097, 24098, 24099, 24100, 24101, 24103, 24104, 24105, 24106
E	23045, 23067, 23080, 23084, 24107, 24109, 24110, 24111, 24112, 24113, 24114, 24115, 24116, 24117, 24119, 24120, 24121, 24122, 24123, 24124, 24125, 24126, 24127, 24128, 24129, 24130, 24131, 24132, 24133
F	23088, 23089, 23097, 23109, 23133, 24134, 24135, 24137, 24138, 24140, 24141, 24142, 24143, 24144, 24145, 24146, 24148, 24149, 24150, 24151, 24152, 24154, 24155, 24156, 24157, 24158, 24159, 24160, 24161

Unit	Duration					
	06-03-23 to 11-04-23	12-04-23 to 24-05-23	25-05-23 to 25-07-23	26-07-23 to 30-08-23	31-08-23 to 06-10-23	09-10-23 to 13-11-23
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

PROF. MIAN MUHAMMAD SHAFIQUE
PRINCIPAL

15. STUDENT ELECTIVES POLICY

At Lahore Medical and Dental College, the local and visiting students may participate in various innovative and life –enhancing learning opportunities by being offered free of cost electives during the fourth & final year of medical college. Students in Higher Secondary School/ A-Levels interested to pursue medicine as their career may also apply. Electives application and details can be found on LMDC website.

GENERAL INFORMATION

- Students must be in good academic standing and enrolled full time in PMDC/or equivalent body recognized medical college
- Applications must be submitted at least one month prior to start of elective program
- Students must meet LMDC health requirements
- Letter of recommendation from Principal/Dean of the medical college
- Students will be offered maximum four weeks of elective rotations
- LMDC students will have priority over visiting students
- As a general policy, schedule will correspond to the LMDC academic calendar for clinical rotations, in summer break
- Once a schedule for elective has been registered, no changes are allowed
- Eligible students will be notified a month prior to the elective period
- All visiting students are required to adhere to and abide by the college policies for LMDC students
- Students must apply by the deadline for each elective period, as provided in the schedule, updated on LMDC website
- You should contact Student Section for any query or request related to an elective. It will be of no use to directly contact any faculty or administrative staff in an attempt to arrange clinical/research elective

16. COMMUNICATION OF THE CURRICULUM TO STAKEHOLDER

The curriculum is a transparent document and duly communicated to the stakeholders via website, verbal discussions, evaluation documents, curricular meetings

17. ASSESSMENTS PROCEDURES & METHODOLOGIES

17.1 PURPOSE

The purpose of the Undergraduate Medical Education Student Assessment Policy is to establish student assessment practices within the undergraduate medical education program at Lahore Medical and Dental College.

This policy has been developed by the Assessment Subcommittee, which is a standing subcommittee of the Curriculum Committee, tasked to “establish, monitor, and update an assessment system throughout five-year medical curriculum.”

17.2 ASSESSMENT COMMITTEE

The committee members are nominated by the Principal/Dean of the LMDC, approved by the Academic Council. Members of the committee are as follows:

Sr. No.	Name	Designation
1.	Prof. Mian M Shafique	Patron Principal & HOD of Ophthalmology
2.	Prof. Nabeela Shami	Chairperson HOD of Obstetrics & Gynecology
3.	Prof. Waseem Amir	Incharge Traditional Curriculum HOD of Medicine
4.	Dr Nighat Nadeem	Incharge Modular Curriculum Associate Professor of Medical Education
5.	Prof. Seema Daud	Member HOD of Community Medicine
6.	Prof. Hasnat Ahmad Butt	Member HOD of Surgery
7.	Prof. Iffat Badar	Member Professor of Anatomy
8.	Prof. Shazia Nilofar Ibnerasa	Member HOD of Pathology
9.	Prof. Aamir Bashir	Member HOD of Forensic Medicine
10.	Prof. Rubina Bashir	Member Professor of Biochemistry
11.	Prof. Athar Adnan Uppal	Member HOD of ENT

17.3 PRINCIPLES

Assessment within the MBBS program at Lahore Medical and Dental College, will occur in the context of curricular alignment. All the assessments will be aligned with student learning objectives and course learning activities. This will include both formative and summative assessments, and will utilize written examinations, (MCQ, SEQ), performance assessments (OSPE & OSCE), and class assignments as assessment tools. All assessments will follow examination regulations of affiliating University of Health Sciences (UHS).

The institution will be responsible for all in-house assessments in all years whereas promotion professional examinations will be conducted by the affiliating university. Assessment procedures are to be standardized across courses.

17.4 SCOPE OF THIS POLICY

This policy applies to all undergraduate students registered in the MBBS program at the University of Health Sciences.

This document covers assessment policies for the five-years Undergraduate Medical Education Program.

17.5 DEFINITIONS

1. **FORMATIVE ASSESSMENT (for learning):** An assessment that is designed to promote student learning, and provides specific qualitative feedback to the learner on their progress towards achievement of objectives, and identifies areas for improvement.
2. **SUMMATIVE ASSESSMENT (of learning):** An assessment used to measure students' achievement of objectives after a period of instruction, such as a section, chapter, unit, module, or course. May also provide formative information for future learning.
3. **RELIABILITY:** A measure of the reproducibility or consistency of the assessment. If a student were assessed on a different day, or by a different examiner, how close the score would be.
4. **VALIDITY:** A measure of if the assessment is actually assessing that which it is designed to assess.
5. **SYLLABUS ASSESSMENT PLAN:** A document outlining an overall plan of how learning within a unit of instruction (course/rotation) will be assessed. It will include methods, timing and weighting of the various assessments.
6. **OSPE:** Objective Structured Standardized Practical Examination
7. **OSCE:** Objective Structured Standardized Clinical Examination

17.6 POLICY

17.6.1 ASSESSMENT PLANNING

- The dates, time and venue for the major examination (midterm & sendup) will be unanimously agreed with head of all examination subjects for each year and will be approved by the Principal.
- Each course or rotation will develop learning objectives outlining what the student will have learned/be able to do upon completion of the course or rotation.
- Each course or rotation will develop a plan of organized learning opportunities to assist students in attaining the above learning objectives.
- Each course or rotation will complete the “Course or Rotation Objective Assessment Map”, which provides details of how students’ achievement of each of the learning objectives will be assessed.
- Each course will develop a “Syllabus Assessment Plan”, which will include information on the methods, timing, and relative contribution to the final mark of all course assessments, both formative and summative. Criteria for passing and remediation must be specified.
- Each course or rotation will develop an “Examination Blueprint” for each of the major assessments (midterms and sendup)
- The assessment planning documents (objective map, plan and blueprint) will be discussed with the Subject Specialist, who will work with the course/ rotation faculty to ensure appropriate representation of curricular and program objectives.

17.6.2 EXAMINATION DEVELOPMENT AND ADMINISTRATION

- Designated faculty member working in consultation with the teaching faculty, will develop a departmental pool for assessment questions.
- Designated faculty member working in consultation with the teaching faculty, will develop a draft of the major examinations planned for their course/rotation and submit the draft to the Head of the Department.
- The submitted examinations will be mapped to ensure congruence with and adequacy of sampling from the objectives.
- Designated faculty member in consultation with the teaching faculty and the Subject Specialist, will revise the question items during the academic term before the examination is administered.
- Submitted questions may be rejected if they do not address module objectives, are in an inappropriate format or of poor quality.
- The draft examination shall be finalized no later than two weeks before the date of the assessment.

- The result/grades of assessment will be notified to the students no later than two weeks from the date of examination.
- Post examination, test discussion and student feedback should preferably be taken for each assessment.

17.6.3 REMEDIATION AND SUPPLEMENTAL ASSESSMENT

- Students who are identified as being in academic difficulty may be offered remediation and supplemental assessment.
- The time of remediation is to be unanimously decided by all the heads of the examination subjects for each year. The preferred time for remediation should be in the summer break.
- The concerned department head will determine the specific type of remediation and supplemental assessment needed for each individual student.
- The supplemental assessment may be in the form of the original assessment or in another form as appropriate for reassessing the student's area(s) of academic difficulty.

17.6.4 STANDARD SETTING

- Following regulations of the University of Health Sciences, all assessments should have 50% passing grade with 10% of end year university examination marks reserved as internal assessment.
- The internal assessment marks for all subjects should keep attendance, class test scores, major assessment scores (midterm & sendup) as sub-scores during calculation.

17.6.5 ASSESSMENT OF CLINICAL ROTATIONS

- In addition to information contained above, clinical assessment will keep in account the following:
- Ward test (OSCE/viva/case presentation) will be scheduled at the end of each rotation.
- Ward test syllabus will be aligned with the clinical teaching done during rotation.
- Ward test content will be developed under supervision of the head of the respective clinical department

17.6.6 STUDENT FEEDBACK ON ASSESSMENT

- Each course/rotation must provide opportunities for formative assessment.
- Students must receive constructive formative feedback (i.e. feedback beyond a numerical grade value) on their performance during each required course/module in order to allow sufficient time for remediation.
- Any student who fails a major internal summative assessment may request to review his/her assessment by contacting the appropriate designated faculty.

17.6.7 OVERSIGHT AND REVIEW

- The Assessment Subcommittee is responsible for overseeing of the assessment system and or documents, and will review any items if pointed out by the teaching faculty.
- Any adverse assessment performance report, such as low (<60%) university exam results will require a review of the course/rotation assessment framework. The subcommittee and Subject Specialist will work with the course team in revising the assessment framework for any course where problems are identified.
- The subcommittee will coordinate with the Curriculum Committee on the performance of the assessment process.

18. EVALUATION/ANALYSIS

The evaluation of the medical program will be duly carried out to improve unto itself as depicted in Curricular Feedback Mechanisms and Evaluation document.