

STUDY GUIDE

THIRD YEAR, FOURTH YEAR and FINAL YEAR



Department of Pediatric Medicine,
King Edward Medical University/
Mayo Hospital, Lahore

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INTRODUCTION TO STUDY GUIDE

Dear student,

Welcome to the Third year, Fourth and Final year Pediatrics Course. The department of Pediatrics will be facilitating the course. There are two teaching units in the department to assist in your learning. You will spend your academic time in Pediatrics during 3rd year, fourth year and final year, learning the different aspects of the subject.

The purpose of the study guide is to help you learn the subject of Pediatrics. It is designed to help you manage your learning and access the resources available to you. It takes you through the general objectives of learning the subject, divides the subject into modules for easy learning and helps you understand the course work, clinical skills and attitudes that are desired of a good doctor.

The basic sciences courses you did in the last two years are pre-requisites for the course of Pediatrics and will help you in better understanding of the subject and its application to actual patients. We advise you to refer back to these subjects if there are any issues in understanding the subject. We hope you will realize how integrated these subjects are to your clinical practice.

Methods of assessment have also been written so that you can relate teaching to assessment and have a fair idea of the assessment methods and what internal and external assessment is all about.

We hope the students take time out to go through the guide and to use it effectively to learn the subject of Pediatrics. We look forward to feed back from the students and faculty so that the guide can be to improved further.

For any assistance please do not hesitate to contact the teaching faculty of the department of Pediatrics. (Details available at KEMU website, DME and student section office). Alternatively, please feel free to visit the respective Head of the department for any issues that you face in learning of the subject or otherwise.

We hope that your rotation in our department will be very fruitful and enjoyable and will equip you for future practical life.

**FACULTY OF MEDICINE
DEPARTMENT OF PEDIATRIC MEDICINE
KING EDWARD MEDICAL UNIVERSITY /
MAYO HOSPITAL, LAHORE**

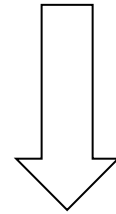
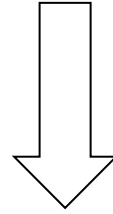
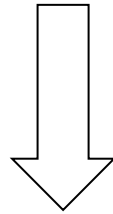
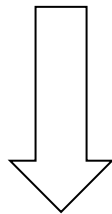
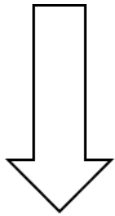
OBJECTIVES OF CURRICULUM

General objectives of under graduate Pediatric teaching and training are to equip the students with essential knowledge, skills and attitudes, so that they are able to:

- Demonstrate ability to perform adequate clinical examination of a child of any age (including new-born).
- Identify danger signs in pediatric patients including emergencies, provide primary health care, refer to appropriate centre and provide follow-up to the patients.
- Perform essential required skills including newborn resuscitation, recording vitals and anthropometry.
- Communicate effectively with the patient, the family and the community regarding disease and its relevant issues.
- Understand medical ethics and its application, pertaining to surgery and maintain the confidentiality of the patient.
- Have knowledge of the prevalence and prevention of the common childhood diseases in the community and use this information effectively
- Apply principles of patient safety and quality of care.
- Understand the principles of medical research including fundamentals of information technology.

CURRICULUM MAP

You will study details here



First year	Second Year	Third Year	Fourth Year	Final Year	House Job
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During your 1st Year MBBS, you are entering in 1st year of clinical classes. Here you are going to study Basics of Pediatrics with relevance to the basic sciences, clinical history and clinical examination along with other subjects. In 3rd year, 4th year & Final year, you are supposed to get lectures and clinical ward rotations also. In the final assessment you will be assessed in all aspects of Pediatrics. So, learn carefully and revise it very often till your final professional examination.

STRUCTURE OF THIRD, FOURTH and FINAL YEAR

THIRD YEAR

- In third year, general view of pediatrics provided through ward rotations
- Ward Rotations: There will be ward rotation for 4 weeks. Four days per week from 10:30 AM to 12:30 PM
 - They will be learning basic history taking and examination skills
 - In the end they will be assessed through ward test in the form of clinical methods (Formative Assessment).
 - At the end of each session feedback forms will be collected from the students.

FOURTH YEAR

- Apart from other subjects in fourth Year (Community Medicine, Pathology, Eye, and ENT) the structure of the modules taught in Pediatrics will be:
 - Lectures – as per schedule
 - Every lecture is of 45 minutes duration.
 - At the end of every Lecture feedback from the students would be collected for quality assurance and evaluation
- There will be a total of 8 lectures in fourth year.

FINAL YEAR

- In final year, the whole curriculum is divided into 09 modules; each module will be covered by the end of the year.
- Lectures – Twice a week.
 - Lectures are scheduled on every Wednesday and Friday/Saturday.

- Every lecture is of 45 minutes duration.
- At the end of every Lecture feedback from the students would be collected for quality assurance and evaluation

There will be a total of 42 lecture slots in final year

- Thirty six are for interactive teaching
 - Six lectures will be utilized for formative written assessment i.e. Class Tests in the form of MCQs and SEQ.
- Collective feedback along with results are provided during lectures after Class Tests
 - Every student has to go through clinical attachment in **Pediatric Medicine** for **four weeks**. Every student also has to go through clinical attachment in **Pediatric Medicine Emergency** for **two weeks**. At the end of each ward rotation ward test in the form long case presentation, short cases and HBB (Skill station of Helping Baby Breathe) is conducted.
 - Send ups are scheduled at the end of final year around two months before final professional.

DEPARTMENT OF PEDIATRIC MEDICINE UNIT-I, KEMU / MAYO HOSPITAL, LAHORE

(3RD YEAR TEACHING ROSTER)

Batch D-1 & D-3

Dates: 04-02-2025 to 05-03-2025

Day / Day	Topic	Batch D -1	Batch D -3
04-02-2026 Wednesday	History Taking/Orientation (General +Paediatric Aspects)	Dr. Zartasha Sial Dr. Asif (PS)	Dr. Ameer Asad Ullah Dr. Mahnoor (PS)
05-02-2026 Thursday			
09-02-2026 Monday	History Taking/Orientation (Fever, Vomiting, Diarrhea Cough & Difficult Breathing)	Dr. Sadia Shakoore Dr. Asif (PS)	Dr. Shabana Tehreem Dr. Mahnoor (PS)
10-02-2026 Tuesday	History Taking/Orientation (Rash, Swelling, Pain, Poor Feeding)	Dr. Ayesha Anjum Dr. Momina (PS)	Dr. Wasim Ghous Dr. Rabia Sagir (PS)
11-02-2026 Wednesday	General Physical Examination Practice Session(PS)	Dr. Zartasha Sial Dr. Asif (PS)	Dr. Ameer Asad Ullah Dr. Mahnoor (PS)
12-02-2026 Thursday	General Physical Examination Practice Session(PS)	Dr. Ayesha Anwar Dr. Momina (PS)	Dr. Samiya Mehak Dr. Rabia Sagir (PS)
16-02-2026 Monday	Resp. System Examination	Dr. Sadia Shakoore Dr. Asif (PS)	Dr. Shabana Tehreem Dr. Mahnoor (PS)
17-02-2026 Tuesday	CVS Examination	Dr. Ayesha Anjum Dr. Momina (PS)	Dr. Wasim Ghous Dr. Rabia Sagir (PS)
18-02-2026 Wednesday	Motor System Examination	Dr. Zartasha Sial Dr. Asif (PS)	Dr. Ameer Asad Ullah Dr. Mahnoor (PS)
19-02-2026 Thursday	Cranial Nerve Examination & Cerebellar Functional	Dr. Ayesha Anwar Dr. Momina (PS)	Dr. Samiya Mehak Dr. Rabia Sagir (PS)
23-02-2026 Monday	GIT	Dr. Sadia Shakoore Dr. Asif (PS)	Dr. Shabana Tehreem Dr. Mahnoor (PS)
24-02-2026 Tuesday	EPI & CNS Exam P.S CNS Exam (Revision)	Dr. Ayesha Anjum Dr. Momina (PS)	Dr. Wasim Ghous Dr. Rabia Sagir (PS)
25-02-2026 Wednesday	IMNCI (Diarrhea & Ear Infection) P.S (GPE Examination Revision)	Dr. Zartasha Sial Dr. Asif (PS)	Dr. Ameer Asad Ullah Dr. Mahnoor (PS)
26-02-2026 Thursday	IMNCI (Pneumonia & Developmental Milestone) P.S (Respiratory Examination Revision)	Dr. Ayesha Anwar Dr. Momina (PS)	Dr. Samiya Mehak Dr. Rabia Sagir (PS)
02-03-2026 Monday	IMNCI (Fever) P.S (GPE Revision)	Dr. Sadia Shakoore Dr. Asif (PS)	Dr. Shabana Tehreem Dr. Mahnoor (PS)
03-03-2026 Tuesday	IMNCI (Malnutrition) P.S (CVS Revision)	Dr. Ayesha Anjum Dr. Momina (PS)	Dr. Wasim Ghous Dr. Rabia Sagir (PS)
04-03-2026 Wednesday	GIT Examination P.S GIT (Revision)	Dr. Zartasha Sial Dr. Asif (PS)	Dr. Ameer Asad Ullah Dr. Mahnoor (PS)
05-03-2026 Thursday	Revision any examination / Case Presentation	Dr. Ayesha Anwar Dr. Momina (PS)	Dr. Samiya Mehak Dr. Rabia Sagir (PS)
		Assessment	

Note:

Post Graduate Residents only for Practice Session (PS)

Professor / Head Paediatric Medicine Department
KEMU / Mayo Hospital, Lahore

DEPARTMENT OF PAEDIATRIC MEDICINE UNIT-II

KEMU / MAYO HOSPITAL, LAHORE

THIRD YEAR TEACHING SCHEDULE 2026

Dated: 04-02-26

Date	Name of Doctor	Topic
04-02-26	Prof. M. Faheem Afzal	Orientation Lecture
05-02-26	-----	
09-02-26	Dr. Kashif	History & Examination
10-02-26	Dr. Kashif	General Physical Examination
11-02-26	Dr. Kashif	Examination of Resp. system
12-02-26	Dr. Kashif	Examination of GIT
16-02-26	Dr. Kashif	Motor system examination
17-02-26	Dr. Nausheen	Cranial nerves examination
18-02-26	Dr. Nausheen	Sensory system
19-02-26	Dr. Nausheen	Precordium examination
23-02-26	Dr. Nausheen	Anemia
24-02-26	Dr. Nausheen	Jaundice
25-02-26	Dr. Zubair	Febrile illness
26-03-26	Dr. Zubair	Diarrhea IMNCI
02-03-26	Dr. Zubair	Malnutrition
03-03-26	Dr. Zubair	Cough IMNCI
04-03-26	Dr. Zubair	IMNCI Revision
05-03-26	Ward Test	

Coordinator: Dr. Haleema

Prof. Dr. M. Faheem Afzal
Professor & Head of Department
Paediatric Medicine Unit-II
King Edward Medical University / Mayo Hospital Lahore

NO.09/MBBS IKEMUI/2026

OFFICE OF THE REGISTRAR
K.E. MEDICAL UNIVERSITY, LAHORE

DATED: 03/01/2026

NOTICE

The bed-side teaching programme of 3rd year MBBS class of this University for the session 2025-2026 commencing from 05.01.2026 is hereby notified as under:-

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	MEDICAL	05.01.2026	05.03.2026
	SURGICAL	06.03.2026	31.03.2026
		09.04.2026	12.05.2026
	PAEDIATRICS	13.05.2026	11.06.2026
	PSYCHIATRY	12.06.2026	15.06.2026
		16.07.2026	10.08.2026
	CARDIOLOGY	11.08.2026	24.08.2026
	TB & CD	25.08.2026	07.09.2026
	PAED. SURGERY	08.09.2026	21.09.2026
	ORTHOPADIC	22.09.2026	05.10.2026

BATCH NO.	WARDS	FROM	TO
B-1 TO B-4	SURGICAL	05.01.2026	05.03.2026
	MEDICAL	06.03.2026	31.03.2026
		09.04.2026	12.05.2026
	PSYCHIATRY	13.05.2026	11.06.2026
	PAEDIATRICS	12.06.2026	15.06.2026
		16.07.2026	10.08.2026
	TB&CD	11.08.2026	24.08.2026
	CARDIOLOGY	25.08.2026	07.09.2026
	ORTHOPAEDIC	08.09.2026	21.09.2026
	PAED SURGERY	22.09.2026	05.10.2026

BATCH NO.	WARDS	FROM	TO
C-1 TO C-4	PAEDIATRIC	05.01.2026	03.02.2026
	PSYCHIATRY	04.02.2026	05.03.2026
		06.03.2026	19.03.2026
	TB&CD	20.03.2026	31.03.2026
		09.04.2026	10.04.2026
	PAED SURGERY	11.04.2026	24.04.2026
	ORTHOPAEDIC	25.04.2026	08.05.2026
		09.05.2026	15.06.2026
	MEDICAL	16.07.2026	06.08.2026
		07.08.2026	05.10.2026

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BATCH NO.	WARDS	FROM	TO
D-1 TO D-4	PSYCHIATRY	05.01.2026	03.02.2026
	PAEDIATRIC	04.02.2026	05.03.2026
	TB & CD	06.03.2026	19.03.2026
	CARDIOLOGY	20.03.2026	31.03.2026
		09.04.2026	10.04.2026
	ORTHOPAEDIC	11.04.2026	24.04.2026
	PAED. SURGERY	25.04.2026	08.05.2026
		09.05.2026	15.06.2026
	SURGICAL	16.07.2026	06.08.2026
	MEDICAL	07.08.2026	05.10.2026

The combination of various Wards will be as under:-

BATCH NO.	SURG.WARD SIX WEEKS	MED.WARD SIX WEEKS	PAED. WARD	ORTHO. WARD.
A1,B1,C1,D1	NSW	SMW	UNIT-I	UNIT-I
A2,B2,C2,D2	ESW	WMW	UNIT-II	UNIT-II
A3,B3,C3,D3	WSW	NMW	UNIT-I	UNIT-I
A4,B4,C4,D4	SSW	EMW	UNIT-II	UNIT-II

REGISTRAR
K.E. MEDICAL UNIVERSITY, LAHORE.

NO: 10-26/MBS IKEMU/2026

DATED: 03/01/2026

Copy forwarded to the Medical Superintendent, Mayo Hospital, Lahore for information.

REGISTRAR
K.E. MEDICAL UNIVERSITY, LAHORE.



**TIME TABLE OF 4TH YEAR MBBS (2024-25)
GASTROINTESTINAL & HEPATOBILIARY SYSTEM Module (14th April, 2025 to 10th May, 2025)**

Date	Day	08:00 – 08:45a.m.	08:45 – 09:30a.m.	09:30 – 10:15a.m.	Hospital Work	Practical
14-04-2025	Mon	Paeds Surgery	Pathology	Surgery	Hospital Work 10:30a.m. – 02:30 p.m.	
15-04-2025	Tue	Community Medicine	Pathology	Surgery	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.
16-04-2025	Wed	Pathology	Paederatic Surgery	Medicine	Hospital Work 10:30a.m. – 02:30p.m.	
17-04-2025	Thu	Community Medicine	Surgery	Pathology	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.
18-04-2025	Fri	Pathology	Medicine	Surgery	Hospital Work 10:30a.m. – 12:00p.m.	
19-04-2025	Sat	Community Medicine	Paederatic Surgery	Surgery	Hospital Work 10:30a.m. – 02:30p.m.	
21-04-2025	Mon	Radiology	Pathology	Surgery	Hospital Work 10:30a.m. – 02:30p.m.	
22-04-2025	Tue	Community Medicine	Paederatic Medicine	Medicine	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.
23-04-2025	Wed	Community Medicine	Psychiatry	Pathology	Hospital Work 10:30a.m. – 02:30p.m.	
24-04-2025	Thu	Community Medicine	Medicine	Radiology	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.
25-04-2025	Fri	Community Medicine	Surgery	Pathology	Hospital Work 10:30a.m. – 12:00p.m.	
26-04-2025	Sat	Medicine	Surgery	Oncology	Hospital Work 10:30a.m. – 02:30p.m.	
28-04-2025	Mon	Pathology	Community Medicine	Medicine	Hospital Work 10:30a.m. – 02:30p.m.	
29-04-2025	Tue	Pathology	Pathology	Medicine	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.
30-04-2025	Wed	Pathology	Medicine	Community Medicine	Hospital Work 10:30a.m. – 02:30p.m.	

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01-05-2024 (Holiday)							
02-05-2025	Fri	Surgery	Pathology	Medicine	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.	Practical 12:45p.m. to 02:30p.m.
03-05-2024	Sat	Pathology	Surgery	Oncology	Hospital Work 10:30a.m. – 02:30p.m.		
05-05-2025	Mon	Pathology	Anesthesia	Community Medicine	Hospital Work 10:30a.m. – 12:00p.m.		
06-05-2025	Tue	Pathology	Medicine	Surgery	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.	Practical 12:45p.m. to 02:30p.m.
07-05-2025	Wed	Community Medicine	Paeds Medicine	Gynecology	Hospital Work 10:30a.m. – 02:30p.m.		
08-05-2025	Thu	Paed Medicine	Community Medicine	Community Medicine	Hospital Work 10:30a.m. – 12:00p.m.	Community Medicine 12:00 to 12: 45 p.m.	Practical 12:45p.m. to 02:30p.m.
09-05-2025	Fri	Paeds Surgery	Pathology	Pathology	Hospital Work 10:30a.m. – 12:00p.m.		
10-05-2025	Sat	Gynecology	Medicine	Surgery	Hospital Work 10:30a.m. – 02:30p.m.		

All lectures will be conducted in Maqbool Ahmad Block, KEMU, Lahore.

DR. SAFEENA SARFRAZ,
Module Incharge of 4th year MBBS,
Assistant Professor
KEMU, Lahore

PROF. DR. FAIZA BASHIR
Chairperson
Department of Pathology
King Edward Medical University, Lahore.

NO. 392/MBBS/Reg/KEMU/2026

OFFICE OF THE REGISTRAR
K.E. MEDICAL UNIVERSITY, LAHORE.

DATED: 30-03-2026

NOTICE

The bed-side Teaching Program of Final Year MBBS Class of King Edward Medical University, Lahore after Eid Ul Fitar and Spring Vacations from 19.03.2026 to 31.03.2026, is hereby re-notified as under:-

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	MEDICAL	09.02.2026	18.03.2026
		01.04.2026	18.04.2026
B-1 TO B-4	SURGICAL	09.02.2026	18.03.2026
		01.04.2026	18.04.2026
C-1 TO C-4	OBST. & GYNAE.	09.02.2026	18.03.2026
		01.04.2026	18.04.2026
D-1 & D-2	PAEDIATRICS	09.02.2026	08.03.2026
D-3	PAED. EMERGENCY	09.02.2026	22.02.2026
D-4	GYNAE. EMERGENCY	09.02.2026	22.02.2026
D-4	PAED. EMERGENCY	23.02.2026	08.03.2026
D-3	GYNAE. EMERGENCY	23.02.2026	08.03.2026
D-3 & D-4	PAEDIATRICS	09.03.2026	18.03.2026
		01.04.2026	18.04.2026
D-1	PAED. EMERGENCY	09.03.2026	18.03.2026
		01.04.2026	04.04.2026
D-2	GYNAE. EMERGENCY	09.03.2026	18.03.2026
		01.04.2026	04.04.2026
D-2	PAED. EMERGENCY	05.04.2026	18.04.2026
D-1	GYNAE. EMERGENCY	05.04.2026	18.04.2026

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	SURGICAL	19.04.2026	13.06.2026
B-1 TO B-4	MEDICAL	19.04.2026	13.06.2026
C-1 & C-2	PAEDIARIC	19.04.2026	16.05.2026
C-3	PAED. EMERGENCY	19.04.2026	02.05.2026
C-4	GYNAE. EMERGENCY	19.04.2026	02.05.2026
C-4	PAED. EMERGENCY	03.05.2026	16.05.2026
C-3	GYNAE. EMERGENCY	03.05.2026	16.05.2026
C-3 & C-4	PAEDIATRIC	17.05.2026	13.06.2026
C-1	PAED. EMERGENCY	17.05.2026	30.05.2026
C-2	GYNAE. EMERGENCY	17.05.2026	30.05.2026
C-2	PAED. EMERGENCY	31.05.2026	13.06.2026
C-1	GYNAE. EMERGENCY	31.05.2026	13.06.2026
D-1 TO D-4	OBST. & GYNAE	19.04.2026	13.06.2026



BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	OBST. & GYNAE	14.06.2026	15.06.2026
		16.07.2026	07.09.2026
B-1 & B-2	PAEDIARIC	14.06.2026	15.06.2026
		16.07.2026	10.08.2026
B-3	PAED. EMERGENCY	14.06.2026	15.06.2026
		16.07.2026	27.07.2026
B-4	GYNAE. EMERGENCY	14.06.2026	15.06.2026
		16.07.2026	27.07.2026
B-4	PAED. EMERGENCY	28.07.2026	10.10.2026
B-3	GYNAE. EMERGENCY	28.07.2026	10.10.2026
B-3 & B-4	PAEDIATRIC	11.08.2026	07.09.2026
B-1	PAED. EMERGENCY	11.08.2026	24.08.2026
B-2	GYNAE. EMERGENCY	11.08.2026	24.08.2026
B-2	PAED. EMERGENCY	25.08.2026	07.09.2026
B-1	GYNAE. EMERGENCY	25.08.2026	07.09.2026
C-1 TO C-4	MEDICAL	14.06.2026	15.06.2026
		16.07.2026	07.09.2026
D-1 TO D-4	SURGICAL	14.06.2026	15.06.2026
		16.07.2026	07.09.2026

BATCH NO.	WARDS	FROM	TO
A-1 & A-2	PAEDIARIC	08.09.2026	05.10.2026
A-3	PAED. EMERGENCY	08.09.2026	21.09.2026
A-4	GYNAE. EMERGENCY	08.09.2026	21.09.2026
A-4	PAED. EMERGENCY	22.09.2026	05.10.2026
A-3	GYNAE. EMERGENCY	22.09.2026	05.10.2026
A-3 & A-4	PAEDIATRIC	06.10.2026	02.11.2026
A-1	PAED. EMERGENCY	06.10.2026	19.10.2026
A-2	GYNAE. EMERGENCY	06.10.2026	19.10.2026
A-2	PAED. EMERGENCY	20.10.2026	02.11.2026
A-1	GYNAE. EMERGENCY	20.10.2026	02.11.2026
B-1 TO B-4	OBST. & GYNAE	08.09.2026	02.11.2026
C-1 TO C-4	SURGICAL	08.09.2026	02.11.2026
D-1 TO D-4	MEDICAL	08.09.2026	02.11.2026

TWO WEEKS SCHEDULE

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	MEDICAL	03.11.2026	16.11.2026
B-1 TO B-4	SURGERY		
C-1 TO C-4	PSYCHIATRY		
D-1 TO D-4	EMERGENCY		

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	SURGICAL	17.11.2026	30.11.2026
B-1 TO B-4	MEDICAL		
C-1 TO C-4	EMERGENCY		
D-1 TO D-4	PSYCHIATRY		

BATCH NO.	WARDS	FROM	TO
A-1 TO A-4	EMERGENCY	01.12.2026	14.12.2026
B-1 TO B-4	PSYCHIATRY		
C-1 TO C-4	SURGERY		
D-1 TO D-4	MEDICAL		

A-1 TO A-4	PSYCHIATRY	15.12.2026	23.12.2026
		01.01.2027	05.01.2027
B-1 TO B-4	EMERGENCY	15.12.2026	23.12.2026
		01.01.2027	05.01.2027
C-1 TO C-4	MEDICAL	15.12.2026	23.12.2026
		01.01.2027	05.01.2027
D-1 TO D-4	SURGERY	15.12.2026	23.12.2026
		01.01.2027	05.01.2027

The combination of various Wards will be as under:-

BATCH NO.	SURGICAL WARD (TEN WEEKS).	MEDICAL WARD (TEN WEEKS)	PAEDIATRICS WARD (FOUR WEEKS)
A1,B1,C1,D1	SSW	EMW	UNIT-I
A2,B2,C2,D2	NSW	WMW	UNIT-II
A3,B3,C3,D3	WSW	NMW	UNIT-I
A4,B4,C4,D4	ESW	SMW	UNIT-II

NOTE

- The batches attending the Midwifery & Gynecology department at Lady Willingdon Hospital, Lady Aitcheson Hospital Lahore (Eight Weeks) will be divided by the Professors concerned for Indoor, Outdoor and Maternity duties.
- Pediatric Emergency and Gynae Emergency will be managed by respective Chairpersons of Pediatrics & Obst. & Gynaecology.
- Emergency rotations will be split in batches by respective Chairpersons.
- Psychiatry rotations will be split in batches by respective Chairpersons.

[Signature]
REGISTRAR

K.E. MEDICAL UNIVERSITY, LAHORE.

NO: 393-410/MBBS/KEMU/2026

DATED: 30-03-2026

Copy forwarded to the:-

- Medical Superintendent, Mayo Hospital, Lahore.
- Medical Superintendent, Lady Willingdon Hospital, Lahore.
- Medical Superintendent, Lady Aitcheson Hospital, Lahore.

[Signature]
REGISTRAR

K.E. MEDICAL UNIVERSITY, LAHORE.

C.C.

The Vice Chancellor, KEMU, Lahore.

Batch D-2

(FINAL YEAR MBBS) SESSION 2026-27


Sr. No.	Date	Teacher Name	Time 10 am to 11:30 pm 11:30 am to 12:00 pm Break	1 pm to 02 pm	
1.	09-02-2026	Prof. M. Faheem Afzal Dr. Ailia	ORIENTATION & HISTORY TAKING		
2.	10-02-2026	Dr.Samar Dr.Sheharyar	Case Presentation Roll No. 12	GPE	
3.	11-02-2026	Dr.Mimpal Dr. Hamid	Case Presentation Roll No.5,13 (Pneumonia)	Respiratory	
4.	12-02-2026	Dr. Nighat Dr. Musaddiq	Case Presentation Roll No.15 (Meningitis)	CVS(precordium)	
5.	13-02-2026	CPC / Preventive			
6.	14-02-2026	Prof. M. Faheem Afzal Dr. H. Umar	Case Presentation Roll No.22,28 (Measles)	CVS(Pulses)	
7.	16-02-2026	Dr. Khola Dr. Liaqat	Case Presentation Roll No.51 (Diarrhoea)	GIT	
8.	17-02-2026	Prof. M. Faheem Afzal / Dr. Amna Dr. Saima Paracha	Case Presentation Roll No.74	Sensory system	
9.	18-02-2026	Dr.Samar Dr.Saima Arshad	Case Presentation Roll No.79 (Diabetes)	Cranial nerves	
10.	19-02-2026	Dr. Mimpal Dr. Musaddiq	Case Presentation Roll No.98 (Cerebral palsy)	Motor system	
11.	20-02-2026	Unit-I	CPC / Preventive		
12.	21-02-2026	Dr.Kashif Dr.H.Umar	Case Presentation Roll No.154 (CKD)	Cerebellar	
13.	23-02-2026	Dr. Khola Dr. Saima Paracha	Case Presentation Roll No.155 (Thalassemia)	Case Presentation Roll No.182	
14.	24-02-2026	Prof. M. Faheem Afzal / Dr. Amna Dr. Sheharyar	Case Presentation Roll No.193 (Tuberculosis)	Case Presentation Roll No.200	

Batch D-2

(FINAL YEAR MBBS) SESSION 2026-27

15.	25-02-2026	Dr. Samar Dr. Hamid	Case Presentation Roll No.205	Case Presentation Roll No.209	
16.	26-02-2026	Dr. Mimpal Singh Dr. Nausheen	Case Presentation Roll No.221 (Leukemia)	Case Presentation Roll No.237	
17.	27-02-2026	CPC / Preventive			
18.	28-02-2026	Dr. Kashif Dr. Saima Arshad	Case Presentation Roll No.253 (Nephrotic syndrome)	Case Presentation Roll No.254	
19.	02-03-2026	Dr. Khola Unit-I	Case Presentation Roll No.258	Case Presentation Roll No.314	
20.	03-03-2026	Prof. M. Faheem Afzal / Dr. Amna Dr. Liaqat	IMNCI	Instruments	
21.	04-03-2026	Dr.Ailia	HBB		
22.	05-03-2026	Dr. Mimpal Singh Dr. Fernaz	Revision	Radiology	
23.	06-03-2026	CPC / Preventive			
24.	07-03-2026	Ward Test			


Dr. Ailia Kazmi
Senior Registrar
Paediatric Medicine Unit-II
Mayo Hospital, Lahore


Prof. Dr. M. Faheem Afzal
Professor & Head of Department
Paediatric Medicine Unit-II
King Edward Medical University/
Mayo Hospital, Lahore

SOPs FOR FINAL YEAR MBBS PAEDIATRIC WARD TEACHING

(28-days)

- The batch will report to Final Year In-charge on the first day of their ward rotation. A brief introduction will be given to the students regarding the ward rotation.
- It is compulsory for all students to wear white coat, and bring their examination kit (including stethoscope, torch, measuring tape, hammer, tongue depressor, wrist watch etc.)
- The students will reach ward by 10:00 am. History taking Time till 11:00 am
- Batch will be divided in sub-groups of 2-3 students, each Sub-Group will take histories on daily basis. The Consultant / Teacher will select case randomly from each Sub-Group Class Time 11 am to 01:30 pm.
- It is compulsory for every student to present a case in class at least once during ward rotation. Its marking will be done & added to the internal assessment result.
- Evening class timing is 02:00 pm to 04:00 pm. It will be taken by a Senior Registrar / designated doctor according to the roster displayed. The evening class will be on clinical methods. Attendance is compulsory & its marks are also included in internal assessment
- Radiology & Instruments class will be held on a day in the last week of ward rotation.
- A class on Helping Babies Breathe (HBB) will be held on the last week of ward rotation. It will be conducted by HBB trained Facilitators.
- It's compulsory to complete 75 % attendance separately morning, evening & Emergency classes. No student is allowed to attend the ward with other batch to complete the attendance.
- Ward Test will be held on the last day of rotation. The format will be same as that of the clinical exam of Final Professional examination (Long Case, Short Case & HBB assessment).
Ward test Marks details: Total Marks=100 (Attendance (Morning, Evening & Emergency 20 Marks), Ward Test 50 Marks, HBB 10 Marks, and Case Presentation 20 Marks)
- Every student must appear in the ward test with his / her own batch.
- The students must submit their ward card with 15 bed case histories at the end of their rotation.
- In case of any issue, the Final Year Batch Representative contact details as under
Dr. Samia Aslam 0336-4505676 (Pediatric Medicine Unit-I)
Dr. Ailia Kazmi 0323-8469374 (Pediatric Medicine Unit-II)

Prof. Muhammad Faheem Afzal
Chairman Pediatric Medicine Department,
King Edward Medical University /
Mayo Hospital, Lahore

TOS Overview
MBBS Paediatrics 2022

- Theory = 30 MCQs (1 mark each) + 10 SEQs (6 marks each) =90 marks+10 (IA)
- Practical/Clinical
 - OSCE Stations= 5-6
 - Clinical = Long case: One, Short Cases: Two

S#	Theme	Sub-Theme for Theory	No. of Lectures	%	Items		Sub-Theme for Clinical Teaching	Clinical	OSCE
					MCQs	SEQs			
1	Nutrition/ Growth & Development/ RMNCH & Nutrition(IMNC I)	Breast feeding/Infant feeding/weaning Malnutrition Vaccination Micronutrient deficiency Iron Deficiency Rickets etc Growth & Development	03	15%	5	1	Malnutrition Lactation Management Rickets Growth charts Vaccination-EPI IMNCI	x	1
2	Neonatology	Prematurity & low birth weight Neonatal Jaundice Neonatal sepsis Birth Asphyxia	03	15%	5	1	Helping Baby Breathe (HBB) Prematurity & low birth weight Neonatal Jaundice Respiratory distress of new born Common congenital abnormalities	x	1
3	Infections	Tuberculosis in children AFP, Poliomyelitis Diphtheria, Pertussis, Tetanus, Measles, Rubella, Mump Chicken Pox Dengue COVID-19	05	25%	6	1	Tuberculosis in children AFP/Poliomyelitis Diphtheria Tetanus Pertussis Viral Hepatitis Measles Chicken Pox Enteric Fever Malaria Infection Prevention & Control		1
4	Respiratory	Bronchiolitis, Croup, Epiglottitis Pneumonia Asthma Pleural Effusion, Empyema	02	5%	2	1	Acute bronchiolitis Croup/Epiglottitis Pneumonia Pleural Effusion Asthma	x	
5	Neurology	Meningitis/Encephaliti s Febrile onvulsions Cerebral Palsy Epilepsy Mental Retardation Normal Development	02	5%	2	1	Acute CNS infections Febrile convulsions Cerebral Palsy Mental Retardation	x	

ASSESSMENT

Formative Assessment

Third year

Sr.#	Assessment	Tools	Frequency
1.	Ward test	History taking Bed side clinical examination skills	At end of ward rotation

Formative Assessment Final Year (internal Assessment)

Sr.#	Assessment	Tools	Frequency
2.	Class Tests	20 MCQs	At the end of every module
3.	Ward Tests	Long case 2 Short case Helping Babies Breathe IMNCI	At end of ward rotation
4.	Ward Assessment	Case presentation Helping baby breathe Attendance (M,E &ER) Ward test marks	At end of ward rotation
5.	Send Ups (Written)	30 MCQs 10 SEQs	After completion of final year session

Summative Assessment

Summative Assessment: Final Year

Sr.#	Assessment	Tools
1.	Pediatrics Written Assessment	30 MCQs 10 SEQs
2.	Skill Assessment	05 stations of OSPE
3.	Clinical Assessment	1 long case 2 short cases

Final Year Ward Assessment Marks details:

Marks distribution as under:

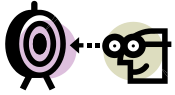
Ward Presentation:	20
Helping Baby Breath:	10
Attendance (M,E & ER):	20
<u>Ward Test Marks:</u>	50

Total Marks = 100

65-69 %	13 Marks
70-74 %	14 Marks
75-79 %	15 Marks
80-84 %	16 Marks
85-89 %	17 Marks
90-94 %	18 Marks
95-99 %	19 Marks
100%	20 Marks

ICONS

The following icons have been used to help you identify the various experiences you will be exposed to.



Learning objectives



Assessments



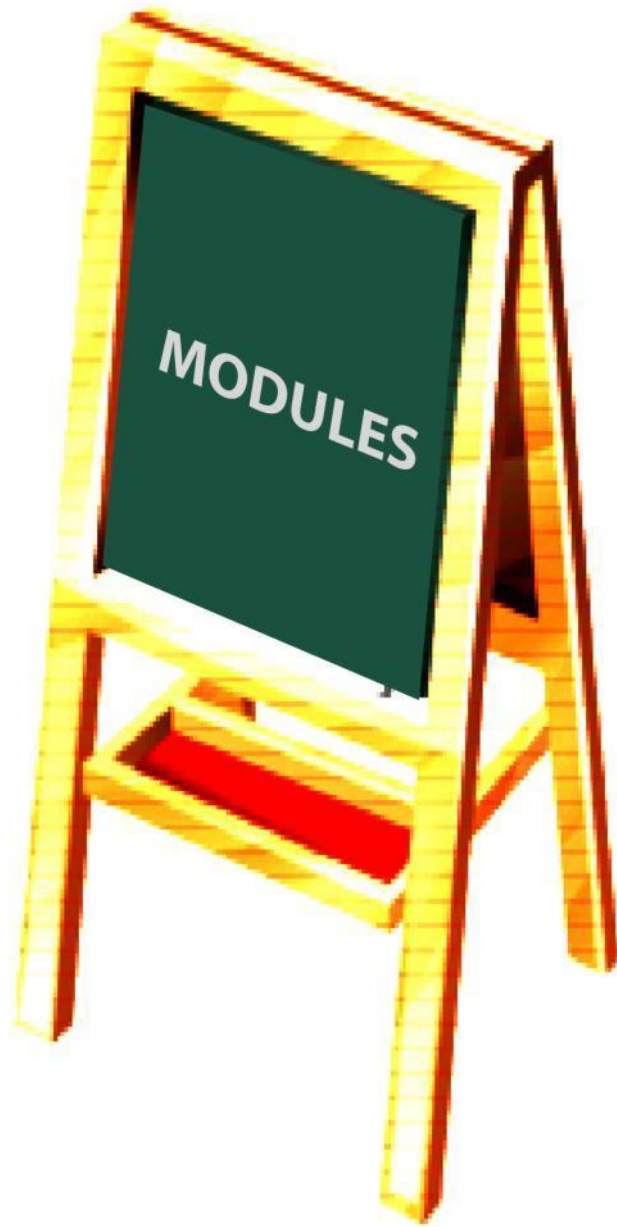
Learning Resources



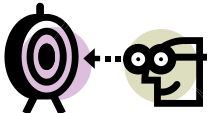


Independent learning from the Internet



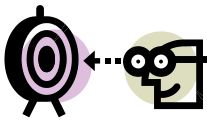


Specific Learning Objectives



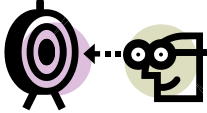


MODULE 01

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 1: Basic concept for infections/ Perioperative surgical care/ Haematologic disorders	
Duration	Lectures: 07	
Outcomes 	To acquire appropriate knowledge, skills and attitude in relation to topics mentioned below: <ul style="list-style-type: none"> • Meeting the faculty and orientation to Paediatrics, Health Statistics and Indicator • Immunization and EPI • Diphtheria Pertussis and Tetanus • Mumps and Chicken Pox • Tuberculosis in children 	
Specific learning Objectives 	Collect reliable and accurate information, do examination and justify investigations to reach a differential diagnosis for vaccine preventable diseases. To know about different types of vaccinations.	
Teaching & Learning Strategies (MIT)	Lectures, small group discussion, CBL, Bed side Teaching	
Assessments 	MCQs, OSPE, Case presentation	

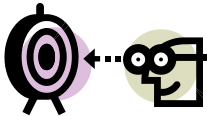


MODULE 02

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 2: Cardiovascular system and related diseases	
Duration	Lectures: 03	
Outcomes 	To understand and demonstrate the knowledge regarding congenital and acquired cardiovascular disorders in children <ul style="list-style-type: none"> • Congenial acyanotic heart diseases in children • Congenital cyanotic heart diseases in children • Common Acquired heart disease (RHD) 	
Specific learning Objectives 	Understand application of basic concepts of Physiology and pathology of congenital and acquired cardiac diseases. How to differentiate between cyanotic and acyanotic diseases. Long term management of acquired heart diseases	
Teaching & Learning Strategies (MIT)	Lecture, Small group discussion, CBL Audio Visual support Case Presentation	
Assessments 	MCQs, SEQs, OSPE/TOACS	

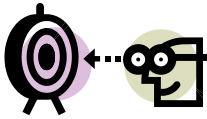


MODULE 03

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 3: CNS/ Respiratory and Haematology Oncology	
Duration	Lectures: 05	
Outcomes 	To understand and demonstrate appropriate skills and attitude in relation to <ul style="list-style-type: none"> • Cerebral Palsy and Mental retardation • Respiratory infections in children (Bronchiolitis, Pneumonia, Croup) • Febrile Fits and Epilepsy • Behaviour Problems • Bleeding disorders in children 	
Specific learning Objectives 	Understand how to make differential diagnosis with logical history, examination and relevant investigations. Identify the Severity of disease Outline management plan.	
Teaching & Learning Strategies (MIT)	Lecture CBL, Audiovisual Group discussion	
Assessments 	MCQs, SEQs, OSCE	

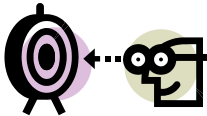


MODULE 04

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 4: Acute Care and Trauma	
Duration	Lectures: 04	
Outcomes 	Understands and demonstrate appropriate knowledge, skills and attitude relevant to <ul style="list-style-type: none"> • Common neonatal problems (Prematurity, LBW) • Metabolic problems • Shock and Anaphylaxis • Acute Abdomen 	
Specific learning Objectives 	Diagnose and outline management Assist in managements and justify investigations Observe and understand significance of multi disciplinary approach	
Teaching & Learning Strategies (MIT)	Lecture Small group discussion Case base learning, Nursery visit, Case presentation/ bed side teaching	
Assessments 	MCQs, SEQs, OSCE, case presentation	

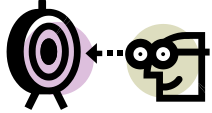


MODULE 05

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 5: Endocrine and Breast Disease	
Duration	Lectures: 04	
Outcomes 	To understand and demonstrate appropriate knowledge skills and attitudes in relation to <ul style="list-style-type: none"> • Short Stature • Growth and Development(Developmental delay, Down’s syndrome) • Hypothyroidism and other endocrine problems • Insulin dependent Diabetes Mellitus 	
Specific learning Objectives 	To understand how to make Diagnosis and Management plan including dietary plans. Observe and understand significance of multi-disciplinary approach.	
Teaching & Learning Strategies (MIT)	Lecture with Audio Visual support Case Presentation Group discussion Case base learning	
Assessments 	MCQs, SEQs, OSCE, Case presentations	

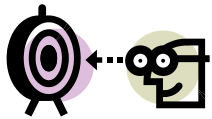


MODULE 06

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 6: Gastrointestinal Tract	
Duration	Lectures: 07	
<p>Outcomes</p> 	<p>To understand demonstrate appropriate knowledge, skill and attitude in relation to</p> <ul style="list-style-type: none"> • Chronic Diarrhea (Malabsorption, Celiac disease) • Neonatal intestinal Obstruction • Acute Diarrhea and dehydration • Micronutrient deficiencies (Rickets, IDA, Vitamin A Deficiency, Iodine deficiency) • Anal Stenosis and Tracheoesophageal fistula, Medical and Surgical management of Diaphragmatic Hernia • Pyloric stenosis 	
<p>Specific learning Objectives</p> 	<p>Classification of malabsorption Signs, symptoms and outline management plan. Make differential diagnosis. Understand dietary adjustments. To identify and make early referral plan for common structural defects in neonatal age.</p>	
<p>Teaching & Learning Strategies (MIT)</p>	<p>Lecture Audio Visual support Group discussion Case base learning Bedside Teaching</p>	
<p>Assessments</p> 	<p>MCQs, SEQs, OSCE, Case presentation</p>	

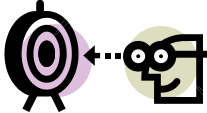


MODULE 07

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 7: Hepatobiliary and Pancreas	
Duration	Lectures: 06	
<p>Outcomes</p> 	<p>To understand and demonstrate appropriate knowledge, skill and attitude in</p> <ul style="list-style-type: none"> • Fulminant Hepatic Failure • Common Child Hood Malignancies • Neonatal cholestasis • Malnutrition • Chronic Liver Disease(Wilson disease) • Hemolytic Anemia in children 	
<p>Specific learning Objectives</p> 	<p>To understand the need of specific nutrients in infancy and child hood. To identify the effects of deficiencies of nutrients. To understand signs and symptoms of liver disease and childhood common malignancies, Management plans according to disease severity involving multidisciplinary approach.</p>	
<p>Teaching & Learning Strategies (MIT)</p>	<p>Lecture Audio Visual support Group discussion Case Presentation</p>	
<p>Assessments</p> 	<p>MCQs,SEQs,OSCE</p>	

MODULE 08

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 8 : Elective orthopedics and Rheumatology	
Duration	Lectures: 02	
Outcomes 	To understand and demonstrate and appropriate knowledge skill and attitude in relation to <ul style="list-style-type: none"> • Common Rheumatological disorders in children • Child abuse and neglect 	
Specific learning Objectives 	Demonstrate awareness about childhood rheumatological diseases and early identification of possible child abuse and child neglect. Decision making and empathy. Understand principle of legal issues around child protection Protection.	
Teaching & Learning Strategies (MIT)	Lecture Audio Visual support Group discussion Case Presentation	
Assessments 	MCQs, OSPE	

MODULE 09

Title	Paediatrics	Student Notes
Target Students	Final year	
Course Title	Module 9 : Renal	
Duration	Lectures: 05	
Outcomes 	To understand and demonstrate the knowledge, skills and attitude in relation to <ul style="list-style-type: none"> • Acute Kidney Injury (AGN, ATN) • Nephrotic Syndrome • Congenital Paediatric problems with Genitourinary systems • Chronic Kidney Disease in children • Congenital renal anomalies 	
Specific learning Objectives 	Take accurate history and do relevant examination and justify investigations to reach differential diagnosis. Differentiate acute and chronic kidneys disease Outline management	
Teaching & Learning Strategies (MIT)	Lecture Audio Visual support Case Presentation Small group discussion Bedside teaching One minute preceptor	
Assessments 	MCQs, SEQs, OSCE	

SKILLS

In every module skills required are mentioned. To highlight the requirement a separate list of skills which you are expected to learn is given below.

Procedural skills of Helping Babies Breathe will be taught and assessed on maniquins.

During your clinical attachment, you are required to spend one hour daily in the emergency department where the required skills will be demonstrated to you.

Sr.	Skills Topic
01.	History taking & examination
02.	Monitoring of vital signs (perform)
03	Pulse oximeter monitoring (perform)
04	Blood Sugar monitoring (perform)
05	Interpretation of ABGs (perform)
06	Helping Babies Breathe (perform)
07	Forceps delivery
08	Administration of vaccines (observe)
09	Arterial blood sampling (observe)
10	Umbilical vein catheter insertion (observe)
11	Airway Management (observe)
12	Lumbar Puncture (observe)
13	Nasogastric tube insertion (observe only)
14	Foleys catheterization (observe only)
15	IV cannula (observe)

ATTITUDES

Attitude is a collection of behaviors. "Attitude is a learned predisposition to respond in a favourable or unfavourable manner towards people, an object, an idea or a situation" - -Martin Fishbein. Attitudes are based on predispositions and emotions and result in specific human behaviors. They are very difficult to learn. However observation and mentoring for attitudes or giving them weightage as in exams can influence learning of attitudes.

Sr.	
01.	Appearance of a doctor – professional dress up
02.	How to address a patient or Guardian
03	Body language – Behave with dignity
04	Respectful to patient
05	Empathetic & humane
06	Listen & examine
07	Informed consent
08	Privacy - Covering the patient
09	Counseling & communication
10	Hard working
11	Documentation



LEARNING RESOURCES

RECOMMENDED BOOKS:

1. Basis of Pediatrics Pervez Akbar (10th edition)
2. Nelson Textbook of Pediatrics (22nd edition)
3. IMNCI Guidelines booklet



Independent learning from the Internet



1. **Online Journals and Reading Materials** through HEC Digital Library Facility.
2. [www.rcpch](http://www.rcpch.org) guidelines
3. [www.nice](http://www.nice.org.uk) guidelines
4. www.aap.org

CONTACT HOURS 2026**Name of Departments: Pediatric Medicine**

Lectures Breakup					
	Total Lectures			Assessments	
First Year	5			--	
Second Year	Not applicable yet			--	
Third Year	--			---	
Fourth Year	8			---	
Final Year	36			6	
TOTAL	49			6	
Rotation in Clinical Wards	1st Year-	2nd Year,	3rd Year,	4th Year,	5th Year,
Numbers of Week	4	NA	4	---	6
Working Days	4		18	---	36
Rotation/ Practical Breakup	History Taking, Clinical examination, Case presentations, Helping Babies Breathe, IMNCI, CPC, Radiology, Basic instruments, Emergency rotation, Social & Preventive Pediatrics				
Third Year	Daily Hours	Total Weeks of Rotation		Total Rotation Hours	
	2	4		36 (Clinical)	
Fourth Year	Daily Hours	Total Weeks of Rotation		Total Rotation Hours	
	----	-----		06 (Lectures)	
Final Year	Daily Hours	Total Weeks of Rotation		Total Rotation Hours	
	4	6		31.5 (Lectures) + 144(Clinicals morning) +72 (Clinicals Evening) =247.5	
1st Year	Daily Hours	Total Weeks of Rotation		Total Rotation Hours	
	1.5hr/week	4		5(Lectures)+6 (Clinicals)=11	
2nd Year	Daily Hours	Total Weeks of Rotation		Total Rotation Hours	
	----	-----		----	
Total Hours in Pediatric Medicine				300.5	