

Department of Pediatrics
AFMDC

(Study Guide MBBS)

Department at a Glance

Department of Pediatrics at Aziz Fatima medical and dental college Faisalabad is recognized by PMC and CPSP for both undergraduate and post graduate training in pediatrics. It has all the essential facilities and a dedicated faculty as per the requirements and recommendations of UHS, PMC, PHC and CPSP.

Department faculty

DR SHAKIL AHMAD (MBBS FCPS CMT)
Professor and Head of Department of Pediatrics

Dr Nisar Khan Sajid (MBBS FCPS)
Associate Professor of Pediatrics

Dr Tanveer Ahmad (MBBS FCPS)
Senior Registrar

Time Line for Syllabus Completion

Time line for syllabus completion is based on the examination dates provided by UHS and academic calendar of the college.

Time Tables

Time tables for 4th year MBBS and Final year MBBS are as given in the following tables.



AZIZ FATIMAH MEDICAL & DENTAL COLLEGE FAISALABAD
TIME TABLE 4th YEAR CLASS SESSION 2020-21 (Physical Classes)

DAY	1 08:00 - 08:45	2 08:45 - 09:30	3 09:30 - 10:15	4 10:15 - 11:00	5 11:00 - 11:45	6 11:45 - 12:45	7 13:00 - 13:30	8 13:30 - 14:15	9 14:15 - 15:00
Monday, October 4, 2021	ENT Topic: Teacher:	CLASS TEST -Pathology		Community Medicine Topic: Demography Teacher: Prof. Dr. Farida	Pathology Topic: Myeloid neoplasm Teacher: Dr. Javaid	Community Medicine Topic: Epidemiology Teacher: Prof. Dr. Humayun	Zohar Prayer	Pathology Topic: CNS Teacher: Dr. Kashif	Community Medicine Topic: Environmental Health Teacher: Dr.
Tuesday, October 5, 2021	ENT Topic: Teacher:	Community Medicine Topic: Demography Teacher: Prof. Dr. Farida	Pathology Topic: Myeloproliferative disorders Teacher: Dr. Javaid	WARD Teacher: Dr. Somayya Topic: Environmental Health		Community Medicine Topic: Teacher: Dr.		Pathology Topic: CNS Teacher: Dr. Kashif	
Wednesday, October 6, 2021	ENT Topic: Teacher:	Community Medicine Topic: Demography Teacher: Prof. Dr. Farida	Pathology Topic: Myeloproliferative disorders Teacher: Dr. Javaid	WARD Teacher: Prof. Dr. Humayun Topic: School Health Services		Pathology Practical Topic: AML, ALL Teacher: Dr. Madeeha			
Thursday, October 7, 2021	EYE Topic: Teacher: Prof. Dr. Ahmad	EYE Topic: Teacher: Prof. Dr. Ahmad	Pathology Topic: Hodgkin lymphoma Teacher: Dr. Javaid	WARD Teacher: Prof. Dr. Farida Topic: Vaccination	Ward OSCE	Pathology Practical Topic: CML, CLL, Hodgkin lymphoma Teacher: Dr. Madeeha			
Friday, October 8, 2021	EYE Topic: Teacher: Prof. Dr. Ahmad	EYE Topic: Teacher: Prof. Dr. Ahmad	Community Medicine Topic: Demography Teacher: Prof. Dr. Farida	Pathology Topic: CNS Teacher: Dr. Kashif	Community Medicine Topic: Epidemiology Teacher: Prof. Dr. Humayun	Community Medicine Topic: Non Communicable Diseases Teacher: Dr. Uzma		Jumma Prayers	Pathology tutorial Teacher: Dr. Ramla, Dr. Bilal Topic: bone and joints

Moh
Dr. Mohi Ud Din
Assistant Professor CM

CC: Concerned HODS/Teachers, SAD, Exam. Dept, All Notice Boards

HOD ENT *[Signature]*

HOD Eye *[Signature]*

N. Akbar
Prof. Dr. Noor Akbar Sial
Principal-AFMDC

11/10/2021
PROF. MKB

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Syllabus Outline

The course outline is as follows:

List of suggested topics for teaching the undergraduates is given below, however the individual faculties can alter/add topics as per their discretion in respective institution:

- Common problems of children in Pakistan and statistics of Pakistani children
- Clinical methods in paediatrics
- Nutrition (breast feeding, infant feeding, weaning) and nutritional disorders :(PEM, rickets, vitamin A deficiency, iodine deficiency, iron deficiency)
- Growth and development.
- Common pediatric infections: measles, tetanus, polio, diphtheria, whooping cough, aids
- Malaria, enteric fever, tuberculosis, chicken pox, common skin infections
 - Expanded program of immunization (EPI) .newer vaccines
- Diarrheal diseases.
- Acute respiratory infections (ARI).
- IMCI (integrated management of childhood illness).
- Neonatology: resuscitation of new born, care of normal new born, birth asphyxia, premature and low birth weight babies, neonatal jaundice, neonatal sepsis, neonatal fits, respiratory distress of new born, common skin conditions of neonates; pyloric stenosis, myelomeningocele, hydrocephalus, common congenital abnormalities and birth trauma.
 - Neurology: meningitis, febrile, convulsions, epilepsy, cerebral palsy, mental handicap, cerebral malaria, encephalitis
- Cardiology: congenital heart diseases [VSD, PDA, TOF, ASD], rheumatic fever. Congestive cardiac failure, clinical assessment of a cyanotic neonate/infant.
- Haematology: anaemias, thalassemia, leukemias, bleeding disorders.
 - Nephrology: nephrotic syndrome, urinary tract infections, acute glomerulonephritis
- Endocrinology: hypothyroidism, short stature, diabetes
- Pulmonology: croup, asthma, tuberculosis, pneumonias, pleural effusions.
- Gastroenterology: abdominal pain, malabsorption, hepatitis, cirrhosis, acute liver failure •
Diarrhea[acute/chronic] dysentery, worm infestations, giardia, amoebiasis, rectal polyp.
- Genetics: patterns of inheritance, Down's syndrome,
- Social pediatrics: right of child, child abuse, enuresis, encopresis, hyperactivity

- Dyslexia, attention deficit disorder • Miscellaneous: poisoning, prevention of home accidents, behavioral disorders.
- Pediatric surgery: hernia, intussusceptions, intestinal obstruction, talipes, congenital dislocation of hip, vesico ureteral reflux.

SKILLS (Learning Objectives)

1. Students will demonstrate his ability to obtain a relevant clinical history from a parent or an older child.
2. Student will demonstrate his ability to perform adequate clinical examination of a child of any age (including newborn).
3. Student will be able to interpret clinical and laboratory data to arrive at a diagnosis.
4. Student will be able to advise appropriate nutritional measures for healthy and sick children (Breast feeding, avoidance of bottle, proper weaning)
5. Student will be able to counsel the parents on health promotive and disease preventive strategies for the child e.g. immunization procedures; hand washing)
6. Student will be able to recognize and manage common health problems of children.
7. Student will recognize the danger signs of disease in children and be able to appropriately refer children with severe disease to appropriate specialists/hospitals.
8. Student will demonstrate his ability to perform essential clinical procedures relevant to children e.g. Resuscitation of newborn. Basic cardio-pulmonary resuscitation. Anthropometric measurements. Measuring blood pressure Starting intravenous lines/ draw blood sample Administration of oxygen therapy Giving nebulizer therapy [bronchodilator] Use of growth chart

OBSERVE THE FOLLOWING SKILLS (Practical List)

1. Lumbar puncture
2. Bone marrow aspiration
3. Supra pubic puncture
4. Subdural tap
5. Thoracentesis
6. Pericardiocentesis
7. Liver biopsy

8. Renal biopsy
9. Observe passing of catheter
10. Observe pericardial tap

RECOMMENDED BOOKS

1. Text book of Pediatrics by Pervaiz Akbar
2. Textbook of Paediatrics by PPA
3. Essentials of Paediatrics by Nelson. Latest Edition.
4. Online Journals and Reading Materials through HEC Digital Library

Learning Methodologies & Assessment

1. Class lectures of 4th and final years
2. Bedside teaching a. Clinical methods b. Case presentation and discussions c. Demonstration of learnt clinical skills by the students d. Individual student assessment by MiniCEX
3. OPD teaching of MBBS 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 weekly
8. Students evaluation at the start and end of clinical rotation
9. Class tests, Ward tests, Send up examination
10. Electives offered at AFH

Table of Specifications (TOS)

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MBBS FINAL PROFESSIONAL EXAMINATION 2007 **PAEDIATRIC MEDICINE**

Table of Specifications

SHORT ESSAY QUESTIONS

Total Marks : 30

Time Allowed: 2 hours and 15 min.

No. of SEQs: 10

03 marks for each question.

Sl. No.	Contents	No. of SEQs
1.	Endocrinology	1
2.	Cardiology	2
3.	Respiratory Diseases (ARI)	1
4.	Gastrointestinal Tract Diseases (AWD)	1
5.	Meningitis	1
6.	Vaccinology – EPI Schedule	1
7.	Oncology	1
8.	Neurology	1
9.	Nephrology	1
Total SEQs		10