WAH MEDICAL COLLEGE

2023-2027



Department of Medical Education

STUDY GUIDE
5th YEAR MBBS
Gynecology

2023-2027

VISION 3

MISSION 3

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1. VISION

National University of Medical Sciences envisions a world with a better quality of life for all by enhancing our contribution to healthcare, education, innovation, and research.

2. MISSION

To produce competent medical professional graduates equipped with sound knowledge & research capabilities based on scientific principles, imbued with ethics and moral values, primed to serve the community through the profession and pursue research & advanced training in any branch of medicine".

3. Outcomes of WMC MBBS Program

At the end of our five-year MBBS program, the graduates should be able to:
1. Independently manage common, non-critical clinical problems.
2. Assist in the management of critically ill patients & demonstrate competency in life-saving procedures.
3. Exhibit the attributes of an ethical professional.
4. Conduct research which brings relevance to health care practices.
5. Act as an efficient community health promoter.
6. Exhibit scientific knowledge in all professional activities.
7. Demonstrate clear and efficient written &verbal communication skills.
8. Exhibit the habits of a lifelong learner.

4. Introduction to the Study Guide

Dear Students,

The subject experts at Wah Medical College developed this study guide to support your learning during the clerkship block.

The guide aims to:

- Inform you about the organization of the learning programs, which includes the right contacts for support.
- Help you organize and manage your studies throughout the clerkship block.
- Define the expected outcomes to be achieved by the end of the clerkship block.
- Guide you on assessment methods, rules, and regulations.
- Identify the learning strategies that will be employed to achieve these outcomes and provide a list of recommended learning resources (books, journals) to maximize your learning.

Please note that:

A clerkship is a period of practical, supervised clinical training that medical students undergo, often specializing in a particular medical discipline (like internal medicine, pediatrics, or surgery). These training periods are scheduled consecutively in distinct time segments, and each segment is referred to as a clinical rotation.

There are eight rotations in total in the academic year, divided into two clerkship blocks. (Each having four clinical rotations). Students are divided into eight batches, and they undergo clerkships in rotations in specified disciplines as mentioned in the "Clerkship rotation schedule".

I. Commonly used abbreviations & Logos in the study guide

Learning Outcomes:

Learning outcomes are statements that define the expected goal of your course, lesson, or activity in terms of demonstrable skills or knowledge that will be acquired by you because of instruction. In simple words, these are the things that you must be able to tell or do with the required attitude after learning a particular topic.

1. **Educational Strategies:**

   These are the methodologies through which you will be taught by your instructors.

Abbreviation	Logos
CBL: Case based learning.	
Demonstrations	
SGD: Small group discussions	
BST: Bedside Teaching	
Skill Lab	
Clinical Teaching (OPD/ OT/ IPD	

Small Group Discussion

This format helps students to clarify concepts, acquired skills or attitudes. Sessions are structured with the help of specific exercises such as patient cases, interviews, or discussion topics. Students exchange opinions and apply knowledge gained from lectures, tutorials, and self-study. The facilitator's role is to ask probing questions, summarize, or rephrase to help clarify concepts.

Case-Based Learning

This is a small group discussion format where learning is focused around a series of questions based on a clinical scenario. Specifically designed case scenarios and the learning outcomes to be achieved are shared with the student before the session. Students prepare for the CBL and during class they discuss and answer the questions applying relevant knowledge gained in clinical and basic health sciences during the block. Faculty members are present as a guide and an assessor.

Self-Directed Study

Students assume responsibilities of their own learning through individual study, sharing and discussing with peers, seeking information from the Learning Resource Center, teachers, and resource persons within and outside the college. Students can utilize the time within the college schedule hours for self-study.

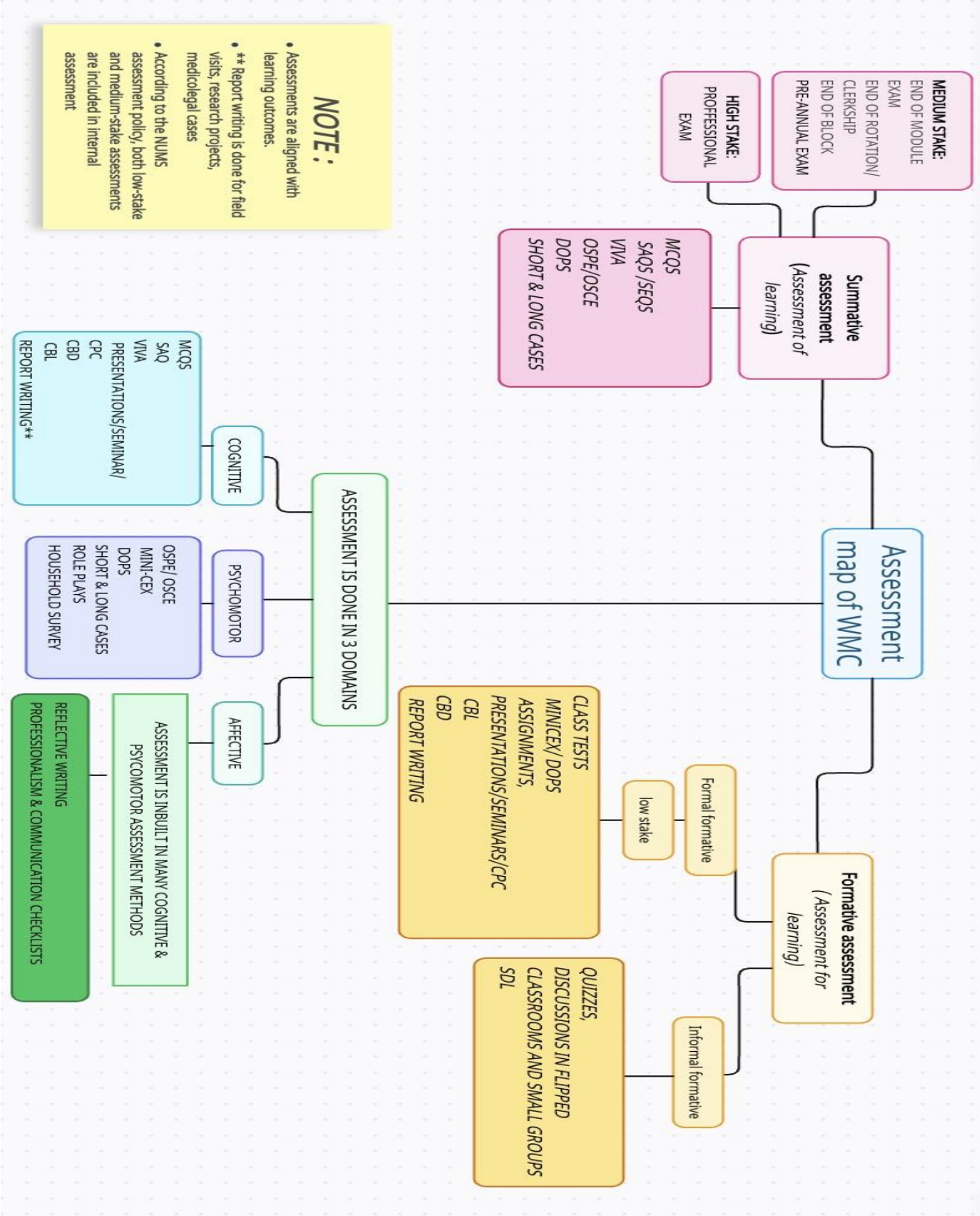
Bedside teaching/ Ward rounds

Students learn clinical case scenarios/ patient examination firsthand at the patient's bedside with the help of the instructor in case of online teaching, the same cases will be shown to you online with the help of videos and live clinical teaching.

OPD cases: This clinical teaching is based on outpatient profiles based on the models of basic and community-based care. Outpatient clinics offer more diverse and effective educational opportunities as it gives students the chance to encounter a wide range of pathologies in several evolutionary phases enhancing the clinical reasoning ability, communication skills and medical-patient relationship.

Observation of clinical procedures in OT, Minor OT

5. Assessment Map & Strategies



Internal Assessment.

During the clerkships the students will be continually formatively assessed as explained in the logbooks. The weightage of internal assessment will be 10-20% in final professional MBBS Examination (as per decision of NUMS). There will be one EOC and one pre-annual examination. There will also be end of rotation exams at the end of clinical rotation in different units. The scores of the end of each clerkship assessment, clinical rotation assessment and pre-annual examination will be used for calculation of the internal assessment. It is mandatory for MBBS students to appear and pass the pre-annual exam with at least 33% marks in each subject as per PMC rules, failing which student is not eligible to appear in the university exam.

i. Annual Professional Examination.

The University will take the final professional Examination as per PMC guidelines at the end of the academic year. Annual Theory & Practical Examination will be of 600 marks each in Surgery and allied & Medicine & allied. Annual Exam for Paediatrics & Gynecology and Obstetrics will be of 200 marks each. The pass score will be 50% in theory and practical separately.

6. Clerkship Module Committee

Chairperson	Prof. Dr. Musarat Ramzan	
Coordinators	Medicine:	Prof. Dr. Muzamil Jamil
	Surgery:	Brig (R)Prof. Dr. M. Pervez
	Gynecology:	Dr. Shabana Kalsoom
	Pediatrics:	Prof. Dr. Sohail Ashraf
Study guide Developed By	Department of Medical Education Wah Medical College under the Supervision of **Dr. Memoona Mansoor**	

7. Structured Summary Pediatrics

Name	Y5
Duration	23 days
Prerequisite Block	Passing of the fourth professional MBBS examination
Pediatrics	1. Nutrition & GIT 2. Respiration & CVS 3. CNS & Endocrinology 4. Nephrology & Neonatology 5. Hematology & Infections 6. Workshops

8. Course content

Pediatrics

Program Learning Outcomes:

The medical students are expected to achieve the following subject learning outcomes, displaying attributes of a professional & ethical person.

1. Apply the principles of evidence-based medicine for health promotion, disease prevention, and infection control management of common diseases in children & neonates. (PLO 1,5)
2. Demonstrate clinical skills of history taking & physical examination of children and neonates. (PLO 1,2,6)
3. Perform basic pediatric procedures to handle common pediatric emergencies under supervision. (PLO 2)
4. Display a compassionate and ethical attitude toward the patient and parents (PLO 3,7)

Learning Outcomes:

Knowledge

At the end of the Pediatrics clerkship, the student of the final year MBBS should be able to:

1. Identify, diagnose, and enumerate steps of treatment of malnutrition.
2. Differentiate between normal and abnormal physical growth patterns.
3. List developmental milestones according to age.
4. Advise EPI vaccination schedule according to the age of the patient and discuss side effects of vaccines.
5. Classify and enumerate steps of treatment of a child with fever, cough, and diarrhea according to IMCI guidelines.
6. Diagnose and manage common Paediatric GIT illnesses.
7. Identify complications, list preventive measures, and discuss the prognosis of GIT illnesses.

8. Diagnose and manage congenital and acquired respiratory diseases.
9. Identify complications, list preventive measures and discuss the prognosis of Paediatric respiratory diseases.
10. Diagnose and manage congenital and acquired cardiac diseases
11. Identify complications, list preventive measures and discuss the prognosis of Paediatric heart diseases
12. Diagnose, investigate and manage diseases affecting central & peripheral nervous system.
13. Discuss complications, preventive measures and prognosis of Paediatric neurological illnesses.
14. Diagnose, investigate and manage common endocrine diseases.
15. Discuss complications, preventive measures and prognosis of Paediatric endocrine illnesses.
16. Diagnose, investigate and manage common renal diseases.
17. Discuss complications, preventive measures and prognosis of Paediatric renal illnesses.
18. Diagnose, investigate and plan management of common neonatal problems.
19. Recognize complications, list preventive measures and discuss prognosis of newborn illnesses.
20. Diagnose, investigate and plan management of infectious diseases.
21. Diagnose and manage common Paediatric haematological problems.
22. Recognize the clinical presentation of the most common Paediatric cancers.
23. Outline management steps of common Paediatric cancers.
24. Diagnose and manage case of poisoning.

Skill

By the end of clinical rotation student shall be able to:

1. Present detailed Paediatric history of patients reporting to Pead's department.

2. Perform Paediatric Examination.
3. Interpret growth charts of patients.
4. Outline management plan of common Paediatric problems
5. Demonstrate Paediatric routine and emergency procedure skills
6. Perform neonatal resuscitation and pediatric life support
7. Communicate effectively with colleagues, patients & their relatives.

Attitude:

By the end of clinical rotation student shall be able to:

1. Demonstrate consistent ethical behaviour and professionalism when interacting with pediatric patients, their families, and the healthcare team, ensuring respect for patient autonomy and confidentiality.
2. Exhibit effective and empathetic communication skills, displaying compassion and sensitivity tailored to the developmental stage of the child and the emotional needs of the family during all clinical encounters.

(Details of skill related Outcomes can be found in Paediatrics Logbooks)

❖ Small Group Discussions:

Sr#	TOPIC	Instructor	Importance (Must Know Should Know Could Know)
A	**GIT**		
1.	IMCI Diarrhea	Dr. Usman	Must know
Class Learning Outcomes: • Classify and enumerate steps of treatment of a child with diarrhoea according to IMCI guidelines.			
2.	Approach to a Child with Diarrhea	Dr. Tahir Mahmood	Must know
Class Learning Outcomes: • Define Acute / Chronic & Persistent diarrhea. • List organisms causing diarrhea. • Classify dehydration and plan management of diarrhea. • Discuss clinical features, list investigations & outline management of Hemolytic uremic syndrome (HUS) • Discuss the prognosis of HUS.			
3.	Malabsorption Syndromes	Dr. Tahir Mahmood	Should know
Class Learning Outcomes: • Identify the clinical presentation of malabsorption. • Identify the signs and symptoms of gluten enteropathy/ celiac disease. • List investigations and outline management steps of celiac disease/giardiasis. • List complications and discuss prognosis of malabsorption.			
4.	Viral hepatitis	Dr. Qurat ul Ain	Must know
Class Learning Outcomes: • Identify signs and symptoms of Hepatitis and Hepatic encephalopathy. • Describe aetiology of acute & chronic Hepatitis. • Discuss features of hepatotropic viruses. • List complications of Hepatitis & outline management. • List investigations and outline management steps of acute/chronic hepatitis. • Identify clinical features, list investigations and outline management steps of Wilson disease. • Discuss prognosis.			
B	**NUTRITION**		
1.	Feeding of newborn & infant	Dr. Qurat ul Ain	Must know

Class Learning Outcomes:

- Enumerate short- and long-term health benefits of breastfeeding
- Recall WHO recommendations about breastfeeding.
- Compare breast milk and cow's milk composition.
- List contraindications of breastfeeding
- Explain the technique of breastfeeding.
- Lists hazards of bottle feeding.
- Explains the concept of complementary feeds.

2.	Nutritional assessment of a child	Prof. Dr. Sohail Ashraf	Must know

Class Learning Outcomes:

- Classify malnutrition.
- Identify risk factors of malnutrition.
- Recognize features of malnutrition
- Discuss methods of assessment of nutritional status of a child

C	**RESPIRATION**		
1	Child with breathing difficulty	Prof. Dr. Sohail Ashraf	Must know

Class Learning Outcomes:

- List differential diagnosis of child with breathing difficulty
- Describe the pathophysiology & identify signs & symptoms of respiratory illnesses.
- List causative organisms and complications of respiratory illnesses
- List investigations and enumerate management steps of respiratory illnesses.
- List preventive measure & discuss prognosis of respiratory illnesses

2	Chronic cough / Recurrent chest infections	Dr. Qurat ul ain	Could know

Class Learning Outcomes:

- List differential diagnosis of child with Chronic cough / Recurrent chest infections
- Describe the pathophysiology & identify signs & symptoms of CF, Immotile cilia syndrome, Bronchiectasis, Pertussis.
- List complications of diseases causing chronic cough / recurrent chest infections.
- Interpret radiological findings and investigations of diseases causing Chronic cough / Recurrent chest infections.

• List preventive measure & discuss prognosis of diseases causing Chronic cough / Recurrent chest infections.			
3	Child with wheezing	Prof. Dr. Sohail Ashraf	Must know
Class Learning Outcomes: • List differential diagnosis of child with wheezing • Describe the pathophysiology & identify signs & symptoms of asthma • List complications of asthma. • List investigations and enumerate management steps of asthma • List preventive measure and discuss prognosis of asthma.			
4	Cough IMCI	Dr. Usman Ahmed	Must know
Class Learning Outcomes: • Classify and enumerate steps of treatment of child with cough or difficult breathing.			
D	**CVS**		
1	Child with Murmur & Cyanosis	Dr. Faiqa Taj	Must know
Class Learning Outcomes: • Define and classify murmur. • List common congenital heart defects causing cyanosis & murmur. • Describe the evaluation through history, physical examination and investigations • Explain the management options for different cyanotic heart diseases and their prognosis.			
2	Pediatric ECG	Dr. Faiqa Taj	Must know
Class Learning Outcomes: • Identify the normal ECG parameters in neonates, infants & older children. • Discuss the common abnormalities encountered in pediatric ECG. • Correlate ECG findings with common Pediatric cardiac conditions.			
3	Rheumatic Heart Disease	Dr. Faiqa Taj	Must know
Class Learning Outcomes: • Explain the etiology and pathogenesis of rheumatic heart disease. • Describe the Jones criteria for the diagnosis of rheumatic fever. • Outline the management of chronic rheumatic valvular heart disease. • Enumerate the strategies for primary, secondary and tertiary prevention of RHD. • Describe the complications of RHD			
E	**CNS**		

1	Approach to child with fever & Fits	Dr.Tahir Mahmood	Must know
Class Learning Outcomes: • List common organisms causing CNS infections • Differentiate signs & symptoms of different CNS infections • Formulate management plan of common CNS infections • Recognize complications of CNS infections • Discuss prognosis of CNS infections.			
2	Approach to a child with Seizure disorders	Dr. Tahir Mahmood	Must know
Class Learning Outcomes: • Differentiate between seizure and pseudoseizure. • Generate diagnostic criteria for febrile seizures and afebrile seizures • Recognize trends related to epilepsy • Outline the management plan of fits.			
3	Child with developmental delay	Dr. Saba Mushtaq	Could know
Class Learning Outcomes: • Identify Ataxia & movement disorders • Generate differential diagnosis of Neurodegenerative disorders & muscular dystrophies • Outline management plan of a child with neurodegenerative disorder & muscular dystrophies.			
4	Approach to a child with AFP	Dr. Tahir Mahmood	Must know
Class Learning Outcomes: • Define acute flaccid paralysis • Generate differential diagnosis of AFP. • Diagnose a case of AFP on basis of history & examination. • Outline management of AFP.			
5	Stroke & coma	Dr. Quat ul Ain	Should know
Class Learning Outcomes: • Define stroke and its types • Identify various causes of stroke and coma • Outline the management of stroke and coma			
6	Child with abnormal head size / shape	Dr. Usman Ahmed	Should know
Class Learning Outcomes:			

• List diseases causing microcephaly & hydrocephalus. • Plan investigations and outline treatment of microcephaly & hydrocephalus. • Discuss prognosis of microcephaly & hydrocephalus.			
F	**ENDOCRINOLOGY**		
1	Approach to a child with Abnormal Stature	Prof. Dr. Sohail Ashraf	Must know
Class Learning Outcomes: • List differential diagnosis of short & tall stature. • Plan investigations of abnormal stature. • Outline management plan of a child with abnormal stature			
2	Child with polyuria / Polydipsia	Prof. Dr Sohail Ashraf	Must know
Class Learning Outcomes: • List differential diagnosis of polyuria/polydipsia • Plan investigations of polyuria/ polydipsia. • Outline management plan of a child with polyuria/polydipsia ● Discuss complications of Diabetes mellitus. • Discuss dietary plan of a child with diabetes mellitus			
G	**NEPHROLOGY**		
1	Child with burning micturition	Dr. Usman Ahmed	Must Know
Class Learning Outcomes: • Define UTI. • Discuss clinical features, investigations and complications of UTI • Outline management of UTI. • Describe pathophysiology, clinical features and investigations of VUR • Outline management of VUR and discuss prognosis of VUR.			
2	Child with proteinuria	Dr. Sundus Khan	Must Know
Class Learning Outcomes: • Define and list differential diagnosis of edema. • Define and explain pathophysiology of Nephrotic syndrome. • Recognize clinical features, list investigations and outline management plan of Nephrotic syndrome • List complications and discuss prognosis of Nephrotic syndrome			
H	**NEONATOLOGY**		
1	Newborn with breathing difficulty D/D (RDS, MAS, TTN)	Dr. Saba Mushtaq	Must Know

Class Learning Outcomes: • Generate differential diagnosis of breathing difficulty in newborn. • Describe the pathophysiology of Respiratory Distress Syndrome & Transient Tachypnea of Newborn • List investigations and enumerate management steps			
2	D/D of large baby / Small baby (IDM, Prematurity)	Dr. Usman Ahmed	Must Know
Class Learning Outcomes: • List causes & complications of preterm /Infant of Diabetic Mother babies. • Outline management plan of preterm/IDM babies.			
3.	Child with delayed cry/Fits	Dr. Faiqa Taj	Must Know
Class Learning Outcomes: • Explain APGAR scoring system • Recognize signs and symptoms of Hypoxic ischemic encephalopathy • Plan investigations and outline management of HIE.			
4	Approach to a sick newborn	Dr. Usman Ahmed	Could know
Class Learning Outcomes: • Assess and classify the sick child • Assess, classify and enumerate treatment of sick young infant upto 2 months of age			
I	**INFECTION**		
1	Approach to a child with fever & Thrombocytopenia	Prof. Dr. Sohail Ashraf	Must Know
Class Learning Outcomes: • Identify signs & symptoms of Typhoid, Malaria, Dengue fever • Plan investigations & discuss treatment of these infections • Discuss complications of Typhoid, Malaria & Dengue fever • Discuss preventive measures & prognosis			
2	Child with fever & rash	Prof. Dr. Sohail Ashraf	Must Know
Class Learning Outcomes: • Explain different types of rash & generate differential diagnosis. • Identify signs & symptoms diseases causing rash. • Plan investigations & discuss treatment of these infections • Discuss complications, preventive measures & prognosis			
3	Measles: IMCI guidelines	Dr. Faiqa Taj	Must Know

Class Learning Outcomes: • Classify fever according to IMCI. • Outline management of child with fever and rash according to IMCI guidelines.			
J	**Haem oncology**		
1	Thrombocytopenia	Dr. Sobia Noor	Must Know
Class Learning Outcomes: • Clinically differentiate between petechiae, bruises and purpura. • Enumerate diseases causing thrombocytopenia. • List investigations and outline management plan of patient with thrombocytopenia.			
2	Hemolytic Anemias	Dr. Saba Mushtaq	Must Know
Class Learning Outcomes: • List Differential Diagnosis of haemolytic anemias in a child • List investigations and outline management plan of common hemolytic disorders			
3	Child with Coagulation & bleeding disorders	Dr. Sundus Khan	Must Know
Class Learning Outcomes: • Differentiate between clinical presentation of different bleeding disorders • Interpret investigations relevant to bleeding and coagulation disorders • Evaluate patient presented with suspected bleeding or coagulation disorder			
4	Childhood Malignancies	Dr. Sundus Khan	Should Know
Class Learning Outcomes: • Recognize the clinical presentation of the most common paediatric cancers • Interpret laboratory findings indicative of a possible cancer diagnosis • Determine the approaches to cancer treatment			
K	**MISC.**		
1	Genetics/ Dysmorphology	Dr. Sobia Noor	Must Know
Class Learning Outcomes: • Identify common syndromes. • Plan investigations of Down syndrome. • Identify pedigree and give examples • List complications of Down syndrome			

2	Common Poisoning	Dr. Usman Ahmed	Should know
Class Learning Outcomes: • Differentiate the different types of poisoning and their signs and symptoms • Define the goals of treatment • Appraise the pharmacological basis for enhancing elimination of drugs and use of specific antidotes			
3	Child with joint swelling	Dr. Sobia Noor	Should Know
Class Learning Outcomes: • Develop a differential diagnosis for arthritis • Discuss the diagnostic and treatment approaches to common causes of arthritis in children Discuss prognosis of arthritis			
4	EPI vaccination	Dr Usman Ahmed	Must Know
Class Learning Outcomes: • Define cold chain. • Classify immunity. • Differentiate between various types of vaccines. • Define EPI and explain its component vaccines. • Plan a vaccination schedule according to the scenario. • List side effects of vaccines			
5	How to read Radiological investigations	Dr. Usman Ahmed	Must know
Class Learning Outcomes: • Interpret basic radiology images and correlate findings with clinical presentation.			

WORKSHOPS:

	Workshops	Facilitator:
A	Pediatric BLS Workshop	Prof. Dr. Sohail Ashraf
Learning Outcomes: • Perform high-quality CPR for a child • Perform high-quality CPR for an infant		
B	**Neonatal Resuscitation**	**Dr. Faiqa Taj**

Learning Outcomes:

- Perform positive pressure ventilation
- Perform chest compressions
- Discuss post-resuscitation care

C	**Patient Safety**	**Dr. Sundus Khan**

Learning Outcomes:

- Define patient safety
- Discuss concept of safety in health care, and how to implement it in their future dayto-day work.
- Highlight the key risks of health care and how to manage them.

D	**Infection Control & Prevention**	**Dr. Qurat ul ain**

Learning Outcomes:

- Discuss Bio hazard bins
- Demonstrate hand washing and alcohol rub technique
- Demonstrate use of PPE, gloves, masks and face shields
- Describe precautions against droplet, airborne and contact transmission

E	**Oxygen Therapy**	**Dr. Aimal Hassan**

Learning Outcomes:

- Define hypoxia
- Identify and use different oxygen delivery systems as per patient requirements.
- Demonstrate the correct assembly and use of common oxygen delivery devices.
- Assess a patient's oxygen requirement using clinical examination and pulse oximetry.
- Initiate, titrate, and monitor oxygen therapy in simulated clinical scenarios.
- Identify the risks and complications of oxygen therapy

F	**Fluids Therapy**	**Dr. Tahir Mahmood**

Learning Outcomes:

- Discuss indications of fluid therapy in children
- Differentiate between different type of fluids in Pediatrics
- Discuss indications & dosages of different fluids
- Identify sign & symptoms of fluid overload and plans its management
- Administer fluids and calculate the rates

TOPIC PRESENTATIONS BY STUDENTS:

1. **Child with Murmur & no Cyanosis**

   Sub Topics:

   - Common congenital heart defects producing murmur without cyanosis.
   - Clinical features of lesions causing volume overload/pressure overload.
   - Investigations, management steps and prognosis of acyanotic heart diseases.

2. **Child with Goiter**

   Sub Topics:

   - Differential diagnosis of goiter in children.
   - Investigations of goiter.
   - Management plan of a child with goiter.
   - Complications of hypo/hyperthyroidism.

3. **Child with proteinuria**

   Sub Topics:

   - Differential diagnosis of edema in children.
   - Pathophysiology of Nephrotic syndrome.
   - Clinical features, investigations and management plan of Nephrotic syndrome.
   - Complications and prognosis of Nephrotic syndrome.

4. **Non-Hemolytic anemias**

   Sub Topics:

   - Classification and causes of anaemias.
   - Differential diagnosis based on interpretation of investigations
   - Management of anaemias with special reference to nutritional rehabilitation.

❖ **CASE-BASED LEARNING:**

1. **Rash in children**

The students should be able to:

- Differentiate different types of rashes in common pediatric practice.
- Generate differential diagnosis of maculopapular & papulovesicular rashes
- Outline the diagnostic approach, list relevant investigations with interpretation.
- Describe the management approach, preventive measures & vaccination options.
- Enumerate the complications associated with common diseases.

2. **Neonatal Jaundice.**

The students should be able to:

- Describe the causes of neonatal jaundice
- Enlist the causes of conjugated & un-conjugated hyperbilirubinemia
- Generate diagnostic approach, relevant investigations and interpretation.
- Outline the management approach.
- Enumerate the complications associated with severe cases

SDL:

Sr No	Topic	Resource
1.	Approach to a child with abdominal pain	Google Classroom
2.	CCF / Rhythm abnormalities	
3.	Chronic Kidney Disease	
4.	Acute Kidney Injury	
5.	Child with Hematuria	
6.	Approach to a child with Macronutrient deficiency	
7.	Approach to a child with Micronutrient deficiency	
8	BLS	
9	Bone marrow aspiration	
10	Supra pubic puncture	
11	Thoracocentesis	
12	Pericardiocentesis	
13	Liver Biopsy	
14	Renal Biopsy	
15	Lumbar Puncture	
16.	Passing of catheter	
17.	Pericardial tap	
18.	Common Surgical Problems	

- **Mandatory Evening Duties:**

→ Evening duties will be from 4-6 Pm. Every student has to do evening rotation (05 days). Students will report to Paeds ER (On-call PG).

→ Each student will submit 5 histories at end of rotation

Learning Resources:

1. **Reference Books:**
   - Basis of Pediatrics by Parvez Akbar Khan
2. **Online resources:** Google Classroom
3. **Library Resources:**
   - Textbook of Pediatrics by PPA
   - Current Pediatric Diagnosis & Treatment
   - Harriet & Lane Handbook of Pediatrics
   - Pediatrics illustrated textbook by Tom Lissauer

Teaching Faculty:

Name	Email address
Prof. Dr. Sohail Ashraf	drsohail@wahmedicalcollege.edu.pk
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Dr. Usman Ahmed	Usman.ahmed542@gmail.com

Assessment Strategies :

Assessment Strategies (Formative)	Assessment Strategies (Summative)
Assignments	MCQs
Mini CEX	SEQs
DOPS	OSCE
CBL	Long case
CBD	Short case

9. Rules &Regulation:

I. Student's code of conduct

The Student Code of Conduct sets out the standards of conduct expected of students. It holds individuals and groups responsible for the consequences of their actions. Failure to fulfill these responsibilities may result in the withdrawal of privileges or the imposition of sanctions.

Wah Medical College is a community of students, faculty and staff involved in learning, teaching, research, and other activities. All members of the WMC community are expected to conduct themselves in a manner that contributes positively to an environment in which respect, civility, diversity, opportunity, and inclusiveness are valued, so as to assure the success of both the individual and the community. The Student Code of Conduct reflects a concern for these values and tries to ensure that members of the WMC can make use of and enjoy the activities, facilities, and benefits of WMC without undue interference from others. during the clerkship, the Students must:

- Follow discipline, dress decently, show good manners, and indulge in healthy activities.
- Avoid smoking and refrain from abusive language.
- Be cooperative and respectful towards their seniors, peers, paramedical staff, patients, and their attendants.

II. Attendance policy

a. Students are required to mark attendance for every class.

b. The attendance is compiled by the respective department and submitted to Student Affairs by the 10th of each month.

c. The Students Affair Department will compile the absent report, and a fine of Rs. 500/- for a lecture or for the whole day will be imposed on absent students. It is pertinent to mention here that a fine is imposed on students to compel them to attend classes regularly and not to generate the funds.

d. In accordance with PM&DC and NUMS regulations, MBBS and BOS students must meet minimum attendance standards to qualify for the Annual Professional Examination. From the 2024-25 session onward, 85% attendance is mandatory. For sessions 2020-23, the 85% requirement will be enforced starting the new academic year. Students in the ongoing 2024-25 session must maintain at least 75% attendance but are strongly encouraged to achieve 85% to meet GMC contact hour requirements.

e. Admission forms of students having attendance less than 75% will NOT be submitted to NUMS for appearing in Annual University Exams.

10. Study Tips:

Dear Students,

Becoming a doctor is a tough job, but you can make it easier for yourself by adopting some time-tested techniques or habits. It's never too early – or too late – to develop good study habits. The sooner you get into a good self-study pattern, the easier everything will be and the more your chances of getting good marks will improve. Here are our top tips for getting the most out of your self- directed study time. And remember **Perseverance is the Key to Success!**



Review the material regularly, create a study schedule

Write it down





Test yourself

Find an effective learning environment with limited distractions and some fresh air





Improve memorization with Mnemonics

Incorporate auditory methods; use online podcasts





Use visuals, images, concept maps & illustration charts

Consider forming a study group or find an accountability buddy





Take strategic breaks

11. Feedback on the study guide:

We value your feedback and will use it for improvement of this Study guide. Kindly provide feedback for this study guide. At the email:

dme@wahmedicalcollege.edu.pk

dmewahmedicalcollege@gmail.com

12. References:

HARDEN, J.M. LAIDLAW, E.A. HESKETH, R. M. (1999). AMEE Medical Education Guide No 16: Study guides-their use and preparation. *Medical Teacher*, *21*(3), 248–265. https://doi.org/10.1080/01421599979491

Timetable Template

Department of obstetrics & Gynaecology Clinical Roster Final Year MBBS (Batch A1) Week 1

FIRST WEEK

S	**Session 1 Lecture and student presentation on topic** 8:00 to 9:15am)	**Session 2 SGD** (9:15 to10:00am)	**Session 3** (10.00 11.30am) Bed Side Teaching (OPD +OT+LR +ward)	B R E A K	**SDL** (12-1:00pm)	**Session4** (1:00to3:00pm) **SGD/Tutorial)**	**Maternity Duty** Evening (4pm to 10pm) Night (10pm to 6am) in groups
	Dr. Shabana Kalsoom	**Dr. Shabana Kalsoom /Dr. Nazia**	Observe Pt safety under supervision		**Dr. Nazia Naz**	**Radiologist Dr. Nazia**	LR,ER,OT,Ward activities
	Dr. Shabana Kalsoom	**Dr. Ruqaiya**			**Dr. Ruqaiya**		LR, ER, OT, Ward activities
	Prof Kinza Alam	**Prof Kinza Alam/Dr. Iram**			**Dr. Iram Mushtaq**	**Dr. Iram**	LR, ER, OT, Ward activities
	Holiday Iqbal Day						
1	**Dr Khairun Nisa**	**Dr Khairun Nisa / Dr. Shaherbano**			**Dr. Shaherbano**	**Skill lab** DOPS **Dr. Shaherbano**	