

MBCHB 3 Paediatrics and Child Health Rotation

Learning objectives

The overall objective is to introduce the student to basic paediatric clinical tools.

By the end of the 4 week rotation the student will have acquired basic skills in;

1. Communicating with children, their parents and families
2. Paediatric history taking
3. Examination of the child
4. Documentation of various clinical notes
5. Basic techniques on infection prevention
6. Organization of a paediatric in-patient service

The rotation will be monitored through

- Signing the attendance list
- At least one marked clerkship

End term assessment

Clinical on history taking and general examination

Student Availability

Monday 9-11 am

Tuesday – Combined Lectures

Thursday 9-11 am

Friday 9-11 am

Duration of rotation - 4 week blocks.

Suggested Schedule – to be modified by wards as needed

Week 1

Communication with children, other health workers, interview techniques, ward etiquette, ward organization and history taking

Skills Lab: Listening to Respiratory breath sounds in the skills laboratory

Homework-Self Learning: Anthropometry, assessment of nutritional status using the WHO growth standards

Week 2

General examination,

Case presentation on general examination

Skills Lab – Listening to CVS sounds

Homework- Self Learning: Assessment of developmental milestones – homework

Week 3

Examination of the respiratory system and the abdomen

Case based discussion- child with fever, child with anaemia

Skills Laboratory - intradermal, i/v and i/m injections, N/G tube, NG tube feeding, suction, urinary bladder catheterization

Self-learning- Clerk and present case to SHO/Consultants on the wards

Week 4

Examination of the Cardiovascular system

Examination of CNS(motor and sensory system)

End of Rotation assessment – History taking and General examination.

MBCHB YEAR 3 STUDENTS – GENERIC 4 WEEK ROTATION

	8-9am	9-10 am	10-11am	Assignment
Week 1				
Monday	Communication with children, their parents, other health workers, interview techniques, ward etiquette, ward organization and history taking in children	History taking		anthropometry of 4 children, and classify nutrition status using the WHO growth standards - hand in for marking
Tuesday	Independent study – ward work/skills lab	Combined lectures		
Thursday		History taking	Wards – anthropometry, mother baby booklet	
Friday		Skills laboratory – Respiratory sounds Ward 3a and 3b	Skills laboratory – Respiratory sounds – ward 3c and 3d	
Week 2				
Monday	General examination	General examination		Developmental history from 4 different children and assess their milestones indicating whether they are normal or not.
Tuesday	Independent study – ward work/skills lab	Combined Lectures		
Thursday		Case presentation on general examination		
Friday		Skills lab 2 – CVS Ward 3a and 3b	Skills lab 2 – CVS ward 3c and 3d	

Week 3	8-9AM	10-11AM		
	8-9 am	9-10 am	10-11am	
		Group 1	Group 2	Assignment
Monday	Lecture on history and examination of the respiratory	Examination of the respiratory system		History and physical examination of a child presenting with a cough, present to a SHO or consultant, write up and hand in for marking
Tuesday	Independent study – ward work/skills lab	Combined lectures		
Thursday		Abdominal examination	Case based discussion – patient with fever patient with anaemia	
Friday		Ward 3A, and ward 3B skills lab 3 - intradermal, i/v and i/m injectitions, N/G tube, NG tube feeding, suction, urinary bladder catheterization	Ward 3A and 3B Clerkship in the wards	
		Ward 3C and 3D Clerkship in the wards	Ward 3C and 3D skills lab 3 - intradermal, i/v and i/m injectitions, N/G tube, NG tube feeding, suction, urinary bladder catheterization	
Week 4				
Monday		CVS examination	Case based discussion of patient with abdominal mass	Independent study
Tuesday	Case based discussion of a patient presenting with a cough	Combined Lectures		

Thursday		CNS examination – motor and sensory system	
Friday		Clinical assessment (history taking and general examination) Clinical assessment)	

Skills Lab 1 – Respiratory system

Listen to the following

1. Bronchial sound (no. 1)
2. Bronchialvesicular sounds (no. 2)
3. Tachypnoea (no. 4)
4. Bradypnoea (no. 5)
5. Crackles (no. 20-23)
6. Wheezes (no. 30-33)
7. crepitations (no. 25)
8. rhonchi (no. 27)
9. stridor (no. 34)

Skills lab 2 Cardiovascular system

Listen to the following

Normal heart sounds (no 1-2)

arrhythmias (no. 5-7)

split S2 (no 22)

Mitral incompetence (no 37)

Tricuspid incompetence (No 39)

Aortic stenosis (no 40)

Atrial septal defect (no 42)

Tetralogy of Fallot (no 43)

Patent ductus arteriosus (59)

Aortic incompetence (no 55)

Ventricular septal defect (no 44)

physiologic murmur (no 49)

Blood pressure measurement

Skills lab 3 –

intradermal, i/v and i/m injections,

N/G tube, NG tube feeding,

N/G suction,

urinary bladder catheterization

gloving

hand washing

Skill lab 4-

Examination of the ear

normal ear

congested ear drum

inner ear effusion

perforated ear drum

suppurative ear – (paeds wards)

Examination of the eye – Fundoscopy

normal fundus

pappilooedema

optic nerve atrophy

cataract – paed eye ward 9, or eye clinic

Retinoblastoma - paed eye ward 9, or eye clinic

eye discharge – paed ward