

Pediatrics Clinical posting samples (2 weeks)

Day	Competency number	Topic	Teaching Learning method
1	PE1.4	Perform Anthropometric measurements, document in growth charts and interpret	Small group discussion
2	PE1.7	Perform Developmental assessment and interpret	Bedside clinics
3	PE2.2	Assessment of a child with failing to thrive including eliciting an appropriate history and examination	Bedside clinics
	PE2.3	Counselling a parent with failing to thrive child	DOAP session
4	PE2.5	Assessment of a child with short stature: Elicit history, perform examination, document and present	Bedside clinics
5	PE3.3	Assessment of a child with developmental delay - Elicit document and present history	Bedside clinics
	PE3.4	Counsel a parent of a child with developmental delay	DOAP session
6	PE3.7	Visit a Child Developmental Unit and observe its functioning	Small group discussion
	PE4.6	Visit to the Child Guidance Clinic	
7	PE6.9	Perform routine Adolescent Health check up including eliciting history, performing examination including SMR (Sexual Maturity Rating), growth assessments (using Growth charts) and systemic exam. including thyroid and Breast exam and the HEADSS screening	Bedside clinics
	PE6.8	Respecting patient privacy and maintaining confidentiality while dealing with adolescence	Bedside clinics
	PE6.11	Visit to the Adolescent Clinic	DOAP session
8	PE7.5	Observe the correct technique of breast feeding and distinguish right from wrong techniques	Bedside clinics
	PE7.7	Perform breast examination and identify common problems during lactation such as retracted nipples, cracked nipples, breast engorgement, breast abscess	Bedside clinics
9	PE7.8	Educate mothers on ante natal breast care and prepare mothers for lactation	DOAP session
	PE7.9	Educate and counsel mothers for best practices in Breast feeding	DOAP session
	PE7.10	Respects patient privacy	DOAP session
10	Ward endings examination		

Community Medicine (2 + 2 weeks)

Day	Competency	Topic	Teaching learning method
1	CM 3.2	Water sampling, water standard or quality of drinking water	SGD
2	CM 5.1	Nutritional specimens	DOAP
3	CM2.1	Survey methods & analysis	DOAP
4	CM 2.1	Community/environmental survey and drawing map	DOAP/Visit
5	CM 2.1	Family visits, house survey	DOAP
6	CM 2.1	Family visits, house survey	DOAP
7	CM 2.1	Family visits, house survey	DOAP
8	CM 2.3	Preparing for HE on topics given	DOAP
9	CM 2.3	Implementing HE on topics given in the community	DOAP
10	CM2.3	Implementing HE on topics given in the community	DOAP

Day	Competency	Topic	Teaching learning method
11	CM 3.4	Biomedical waste disposal/ Visit to disposal plant	SGD/Visit
12	CM 3.4	Environmental models	DOAP
13	CM 3.2	Visit to water purification plant	Visit
14	CM 3.6 & 3.7	Entomology I	SGD
15	CM5.4	Diet planning for different groups	SGD
16	CM 5.6	Visit to ICDS Center	SGD/Visit
17	CM 3.6 and 3.7	Entomology II	SGD
18	CM 3.6	Disinfectant & disinfection	SGD
19	CM 3.6	Insecticides and rodenticides	SGD
20		Posting ending exam	

Psychiatry (2 weeks)

Day	Competency number	Topic	Teaching Learning method
1	PS1.1	Establish rapport and empathy with patients	DOAP session
2	PS1.3	Demonstrate breaking of bad news in a simulated environment	DOAP session
3	PS1.4	Describe and demonstrate the importance of confidentiality in patient encounters	DOAP session
4	PS3.2	Enumerate, describe and discuss important signs & symptoms of common mental disorders	Small group Discussion
5	PS3.3	Elicit, present and document a history in patients presenting with a mental disorder	DOAP session
6	PS3.4	Describe the importance of establishing rapport with patients	DOAP session
7	PS3.5	Perform, demonstrate and document a minimal examination	DOAP session
8	PS3.9	Describe the steps and demonstrate in a simulated environment family education in patients with organic psychiatric disorders	DOAP session
9	PS4.2	Elicit, describe and document clinical features of alcohol and substance use disorders	DOAP session
10		End of posting examination	

ENT (2 + 2 weeks)

Day	Topic	Teaching Learning Method
1	History taking in ENT (EN 2.1)	Demonstration
2	Use of headlamp in ENT examination (EN 2.2)	DOAP
3	Technique of examination of the ear including Otoscopy (EN 2.3)	DOAP
4	Technique of performance and interpretation of tuning fork tests (2.4)	DOAP
5	Examination of the nose & paranasal sinuses including the use of nasal speculum (EN 2.5)	DOAP
6	Examination of the throat including the use of a tongue depressor (EN 2.6)	DOAP
7	examination of neck including elicitation of laryngeal crepitus (EN 2.7)	DOAP
8	Technique to perform and interpret pure tone audiogram & impedance audiogram (EN 2.8)	DOAP
9	Describe and identify by clinical examination malignant & pre- malignant ENT diseases (EN 2.11)	Demonstration
10	End of posting clinical assessment	

Day	Topic	TLM
11	Instrument used in ear and nose surgeries (EN 2.10)	DOAP
12	Instrument used in throat surgeries (EN 2.10)	DOAP
13	Counsel and administer informed consent to patients and their families in a simulated environment (EN 2.12)	DOAP
14	Identify, resuscitate and manage ENT emergencies in a simulated environment (tracheostomy, anterior nasal packing) (EN 2.13)	DOAP
15	Identify, resuscitate and manage ENT emergencies in a simulated environment (removal of foreign bodies in ear, nose, throat and upper respiratory tract) (EN 2.13)	DOAP
16	Instilling topical medications into the ear, nose and throat in a simulated environment (EN 2.14)	DOAP
17	Acute Suppurative Otitis Media (EN 4.3)	Bedside teaching
18	Tympanic membrane mobility (EN 4.4)	DOAP
19	Syringing wax from the ear in a simulated environment (EN 4.9)	DOAP
20	End of posting clinical assessment	

Ophthalmology (2 + 2 weeks)

DAY	COMPETENCY NUMBER	TOPIC	TLM
1	OP 1.3	Demonstrate the steps in performing the visual acuity assessment for distance vision, near vision, Demonstrate the steps in performing the color vision,	DOAP
2	OP 1.3	Demonstrate the steps in performing the pinhole test	DOAP
3	OP 2.2	Demonstrate the symptoms & clinical signs of common conditions of lid and adnexa	DOAP
4	OP 2.3	Demonstrate under supervision clinical procedures performed in lid including: bell's phenomenon, assessment of ectropion /entropion, regurgitation test	SGD
5	OP 3.8	Demonstrate correct technique of removal of foreign body from the eye in a simulated environment	DOAP
6	OP 9.1	Demonstrate extra ocular movements	SGD
7	OP 3.9	Demonstrate the correct technique of instillation of eye drops	DOAP
8	OP 3.1	Elicit document and present history in red eye patient	DOAP
9	OP 3.2	Demonstrate document and present the correct method of examination of a red eye	DOAP
10	OP 3.3	Describe the etiology, pathophysiology, ocular features of conjunctivitis	DOAP

Day	Competency number	Topic	TLM
11	OP 7.3	Demonstrate the correct technique of ocular examination in patient with cataract	DOAP
12	OP 7.4	Enumerate types of cataract surgery & describe the steps and complications of cataract extraction surgery	SGD
13	OP 7.5	To participate in the team of cataract surgery	SGD
14	OP 7.6	Administer informed consent & council patient for cataract surgery	SGD
15	OP 6.6	Identify clinical features of common clinical conditions affecting the anterior chamber	DOAP
16	OP 8.3	Demonstrate the correct technique of fundus examination, describe and distinguish the fundoscopic features in normal and abnormal conditions	SGD
17	OP 4.8	Demonstrate technique of removal of foreign body in cornea	SGD
18	OP 4.10	Counsel patients and family about eye donation	DOAP
19	OP 4.10	Counsel patients and family about eye donation	DOAP
20		End of posting examination	

Obstetrics & Gynecology (2 + 2 weeks)

DAY	Competency Number	TOPIC	TLM
1	OG6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	SGD
2	OG 8.2	Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history.	SGD
3	OG8.3	Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well being	DOAP
4	O.G 8.4	Describe and demonstrate clinical monitoring of maternal and fetal well being	DOAP
5	O.G 8.5	Describe and demonstrate pelvic assessment in a model	DOAP
6	O.G 8.6	Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy.	DOAP
7	O.G 5.1	Describe, discuss and identify pre-existing medical disorders and discuss their management	Bedside clinics
8	O.G 5.2	Determine maternal high risk factors and verify immunization status	Bedside clinic
9	O.G 13.4	Demonstrate the stages of normal labor in a simulated environment	DOAP
10	O.G 13.5	Observe and assist the conduct of a normal vaginal delivery	DOAP

DAY	Competency Number	TOPIC	TLM
11	OG15.1	Enumerate and describe the indications and steps of common obstetric procedures, technique and complications	SGD
12	OG 15.2	Observe and assist in the performance of an episiotomy and demonstrate the correct suturing technique of an episiotomy in a simulated environment.	DOAP
13	OG17.2	Counsel in a simulated environment, care of the breast, importance and technique of breast feeding	DOAP
14	O.G 18.2	Demonstrate the steps of neonatal resuscitation in a simulated environment.	DOAP
15	O.G 19.2	Counsel in a simulated environment, contraception and puerperal sterilization.	DOAP
16	O.G 19.4	Enumerate the indications for, describe the steps in and insert and remove an intrauterine device in a simulated environment.	DOAP
17	O.G 20.2	In a simulated environment administer informed consent to a person wishing to undergo Medical termination of pregnancy	DOAP
18	O.G 9.2	Describe the steps and observe / assist in the performance of an MTP evacuation	DOAP
19	O.G 35.1	Obtain a logical sequence of history, and perform a human and thorough clinical examination, excluding internal examination (per rectal and per vaginal)	Bedside clinic
20		End of posting examination	

Orthopedics (2 weeks)

Day	Competency number	Topic	TLM
1	OR 2.15	Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome	SGD
2	OR 3.2	Participate as a member in team for aspiration of joints under supervision	DOAP
3	OR 3.3	Participate as a member in team for procedures like drainage of abscess, sequestrectomy/ saucerization and arthrotomy	DOAP
4	OR 13.1	Participate in a team for procedures in patients and demonstrating the ability to perform on mannequins / simulated patients in the following: i. Above elbow plaster ii. Below knee plaster iii. Above knee plaster iv. Thomas splint v. splinting for long bone fractures vi. Strapping for shoulder and clavicle trauma	DOAP
5	OR 13.2	Participate as a member in team for Resuscitation of Polytrauma victim by doing all of the following: (a) I.V. access central - peripheral (b) Bladder catheterization (c) Endotracheal intubation (d) Splintage	DOAP
6	OR 14.3	Demonstrate the ability to convince the patient for referral to a higher center in various orthopedic illnesses, based on the detection of warning signals and need for sophisticated management	SGD
7	OR 1.6	Participate as a member in the team for closed reduction of shoulder dislocation / hip dislocation / knee dislocation	DOAP
8	OR 14.2	Demonstrate the ability to counsel patients to obtain consent for various orthopedic procedures like limb amputation, permanent fixations etc..	DOAP
9	AN 8.4	Demonstrate important muscle attachment on the given bone	SGD
10		End of posting examination	

Respiratory Medicine (2 weeks)

Day	Competency number	Topic	TLM
1	CT1.5	Elicit, document and present an appropriate medical history that includes risk factor, contacts, symptoms including cough and fever CNS and other manifestations	Bed side clinic
2	CT1.5	Elicit, document and present an appropriate medical history that includes risk factor, contacts, symptoms including cough and fever CNS and other manifestations	Bed side clinic
3	CT1.6	Demonstrate and perform a systematic examination that establishes the diagnosis based on the clinical presentation that includes a a) general examination, b) examination of the chest and lung including loss of volume, mediastinal shift, percussion and auscultation (including DOAP session of lung sounds and added sounds) c) examination of the lymphatic system and d) relevant CNS examination	Bed side clinic
4	CT1.6	Demonstrate and perform a systematic examination that establishes the diagnosis based on the clinical presentation that includes a a) general examination, b) examination of the chest and lung including loss of volume, mediastinal shift, percussion and auscultation (including DOAP session of lung sounds and added sounds) c) examination of the lymphatic system and d) relevant CNS examination	DOAP session
5	CT1.11	Assist in the performance, outline the correct tests that require to be performed and interpret the results of a pleural fluid aspiration	Skill assessment
6	CT1.15	Prescribe an appropriate antituberculosis regimen based on the location of disease, smear positivity and negativity and comorbidities based on current national guidelines including directly observed tuberculosis therapy (DOTS)	Lecture
7	CT1.15	Prescribe an appropriate antituberculosis regimen based on the location of disease, smear positivity and negativity and comorbidities based on current national guidelines including directly observed tuberculosis therapy (DOTS)	SGD
8	CT1.17	Define criteria for the cure of Tuberculosis; describe and recognize the features of drug resistant tuberculosis, prevention and therapeutic regimens	Lecture
9	CT1.18	Educate health care workers on National Program of Tuberculosis and administering and monitoring the DOTS program	DOAP session
10		End of posting examination	

DVL (2 weeks)

Day	Competency number	Topic	Teaching Learning Method
1	DR 1.2	Identify and grade the various common types of acne	Bedside Clinic
2	DR 2.1	Identify and differentiate vitiligo from other causes of hypopigmented lesions	Bedside Clinic
3	DR 3.1	Identify and distinguish psoriatic lesions from other causes	Bedside Clinic
4	DR 3.1	Demonstrate the grattage test	Bedside Clinic
5	DR 4.1	Identify and distinguish lichen planus lesions from other causes	Bedside Clinic
6	DR 5.2	Identify and differentiate scabies from other lesions in adults and children	Bedside Clinic
7	DR 6.2	Identify and differentiate pediculosis from other skin lesions in adults and children	Bedside Clinic
8	DR 7.2	Identify Candida species in fungal scrapings and KOH mount	DOAP session
9	DR 8.2	Identify and distinguish herpes simplex and herpes labialis from other skin lesions	DOAP session
10		End of posting clinical assessment	

Radiodiagnosis (2 weeks)

Day	Competency number	Topic	Teaching Learning Method
1	RD 1.2	Describe the evolution of Radiodiagnosis. Identify various radiological equipments in the current era	Demonstration
2	RD 1.3	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder of ENT	Demonstration
3	RD 1.4	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Ob & Gy	Demonstration
4	RD 1.5	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorders in internal medicine	Demonstration
5	RD 1.6	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorders in surgery	Demonstration
6	RD 1.7	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Pediatrics	Demonstration
7	RD 1.8	Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to common malignancies	Demonstration
8	RD 1.9	Describe the role of Interventional Radiology in common clinical conditions	Small Group Discussion
9	RD 1.10	Describe the role of Emergency Radiology, miscellaneous & applied aspects, interaction with clinical departments	Demonstration
10		End of posting clinical assessment	

General Medicine (2 + 2 weeks)

DAY	Competency Number	TOPIC	TLM
1	IM1.10	Elicit document and present an appropriate history that will establish the diagnosis, cause and severity of heart failure	DOAP
2	IM1.11	Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and estimate its severity	Demonstration
3	IM1.12	Demonstrate peripheral pulse, volume, character, quality and variation in various causes of heart failure	DOAP
4	IM1.13	Measure the blood pressure accurately, recognize and discuss alterations in blood pressure in valvular heart disease and other causes of heart failure and cardiac tamponade	Demonstration
5	IM1.14	Demonstrate and measure jugular venous distension	DOAP
6	IM1.15	Identify and describe the timing, pitch quality conduction and significance of precordial murmurs and their variations	DOAP
7	IM1.19	Enumerate the indications for and describe the findings of heart failure with the following conditions including: 2D echocardiography, brain natriuretic peptide, exercise testing, nuclear medicine testing and coronary angiogram	DOAP
8	IM1.18	Perform and interpret a 12 lead ECG	Demonstration
9	IM1.22	Assist and demonstrate the proper technique in collecting specimen for blood culture	DOAP
10		Term ending examination	

DAY	Competency Number	TOPIC	TLM
11	IM5.9	Elicit document and present a medical history that helps delineate the etiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history	DOAP
12	IM5.12	Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology and ascitic fluid bilirubin, function tests, Hepatitis serology and ascitic fluid examination in patient with liver diseases.	Demonstration
13	IM5.10	Perform a systematic examination that establishes the diagnosis and severity that includes nutritional status, mental status, jaundice, abdominal distension ascites, features of portosystemic hypertension and hepatic encephalopathy	DOAP
14	IM5.14	Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology	Demonstration
15	IM5.15	Assist in the performance and interpret the findings of an ascitic fluid analysis	DOAP
16	IM6.7	Elicit document and present a medical history that helps delineate the etiology of the current presentation and includes risk factors for HIV, mode of infection, other sexually transmitted diseases, risks for opportunistic infections and nutritional status	DOAP
17	IM6.8	Generate a differential diagnosis and prioritize based on clinical features that suggest a specific etiology for the presenting symptom	DOAP
18	IM6.10	Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC sputum examination and Small group Written/ Skill opportunistic infections including CBC, sputum examination and assessment cultures, blood cultures, stool analysis, CSF analysis and Chest radiographs	Demonstration
19	IM6.14	Perform and interpret AFB sputum	DOAP
20		Term ending examination	

General Surgery (2 + 2 weeks)

Day	Competency	Topic	TLM
1	SU2.3	Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care	DOAP
2	SU3.2	Observe blood transfusions	DOAP
3	SU3.3	Counsel patient and family/friends for blood transfusion and blood donation	DOAP
4	SU4.4	Communicate and counsel patients and families on the outcome and rehabilitation demonstrating empathy and care	Simulation
5	SU5.2	Elicit, document and present a history in a patient presenting with wounds	DOAP
6	SU8.2	Demonstrate Professionalism and empathy to the patient undergoing General Surgery	DOAP
7	SU8.3	Discuss medico-legal issues in surgical practice	DOAP
8	SU9.2	Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	SGD
9	SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately	DOAP
10		Term ending examination	

Day	Competency	Topic	TLM
11	SU10.2	Describe the steps and obtain informed consent in a simulated environment	DOAP session
12	SU10.3	Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures	DOAP session
13	SU10.4	Perform basic surgical skills such as First aid including suturing and minor surgical procedures in a simulated environment	DOAP session
14	SU11.3	Demonstrate maintenance of airway in a mannequin or equivalent	DOAP session
15	SU13.4	Counsel patients and relatives on organ donation in a simulated environment	DOAP session
16	SU14.4	Demonstrate the techniques of asepsis and suturing in a simulated environment	DOAP session
17	SU17.1	Describe the principles of FIRST AID	Small group discussion
18	SU17.2	Describe the steps in Basic Life Support. Transport of injured patient in a simulated environment	DOAP session
19	SU17.10	Demonstrate Airway maintenance. Recognize and manage tension pneumothorax, hemothorax and flail chest in a simulated environment	DOAP session
20		Term ending examination	

Learner-doctor method of clinical training

- In clinical postings in **General Surgery, General Medicine, Obstetrics & Gynecology and Pediatrics**, learner-doctor method of clinical training will be applied.
- The student will function as a part of the health care team with the following responsibilities:
 - (i) Be part of the unit's outpatient services on admission days,
 - (ii) Remain with the admission unit until 6 PM except during designated class hours,
 - (iii) Be assigned patients admitted during each admission day for whom he/she will undertake responsibility, under the supervision of a senior resident or faculty member,
 - (iv) Participate in the unit rounds on its admission day and will present the assigned patients to the supervising physician,
 - (v) Follow the patient's progress throughout the hospital stay until discharge,
 - (vi) Participate, under supervision, in procedures, surgeries, deliveries etc. of assigned patients
 - (vii) Participate in unit rounds on at least one other day of the week excluding the admission day,
 - (viii) Discuss ethical and other humanitarian issues during unit rounds,
 - (ix) Attend all scheduled classes and educational activities,
 - (x) Document his/her observations in a prescribed log book / case record