

1: Phase 2: Clinical Posting General Medicine: 4 Weeks (20 days)

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction to clinical medicine, the doctor-patient interaction	IM26.20 IM26.35 Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgmental and empathetic manner; Demonstrate empathy in patient encounters
	Day 2	General approach to patient	IM26.21 IM26.22: Demonstrate respect to patient privacy; Demonstrate ability to maintain confidentiality in patient care
	Day 3	Collaboration and Team work	IM26.24 IM26.25 IM26.31 IM26.19: Demonstrate respect in relationship with patients, fellow team members, superiors and other health care workers; Demonstrate awareness of limitations and seeks help and consultations appropriately; Demonstrate ability to work in a team of peers and superiors
	Day 4	SKILL: Administer informed consent	IM26.49: Administer informed consent and address safety concerns and patient queries to a patient undergoing a procedure e.g. blood transfusion, Ascitic or pleural tap
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 5	Eliciting contextual history	IM4.9 IM25.4: Elicit document and present a medical history that helps delineate the aetiology of fever
Week 2	Day 6	Eliciting specific history in an immunocompromised patient	IM6.7 IM6.8: Elicit, document and present a medical history that helps delineate the aetiology of the current presentation and includes risk factors for HIV, mode of infection, other sexually transmitted diseases, risks for opportunistic infections and nutritional status
	Day 7	General physical examination	IM 4.10 IM25.5: Perform a general physical examination in a patient presenting with fever/ lymphadenopathy/ anemia etc
	Day 8	Abdominal history and examination	Elicit, document and present a medical history and do systematic abdominal examination in a patient with hepatomegaly / splenomegaly/ mass abdomen
	Day 9	SKILL Making blood smears and sputum examination Venipuncture Other specimen collection	IM 4.13 IM 4.14IM 6.14IM 4.19 IM 4.20 IM25.9 In sub-batches of 10 each 1. Perform and interpret a malarial smear; sputum gram stain and AFB 2. Assist in the collection of blood and wound cultures 3. Assist in the collection of blood and other specimen cultures
	Day 10	Respiratory history and examination	Elicit, document and present a medical history and perform a systematic pulmonary examination in a patient with pleural effusion or pneumonia Clinical test 112noon-1pm
Week 3	Day 11	Cardiovascular history and examination	Elicit, document and present a medical history and perform a systematic examination in a patient with congestive heart failure / valvular heart disease
	Day 12	Neurological history and examination 1	Elicit, document and present a medical history and perform a systematic neurological examination in a patient with focus on cranial nerves eg a case of Bell's palsy
	Day	Neurological history	Elicit, document and present a medical history and perform a

	13	and examination 2	systematic neurological examination in a patient with focus on spinal cord disease
	Day 14	SKILL	IM4.17, IM6.15 IM6.11 IM6.12: In sub-batches of 10 each Observe and assist in the performance of a bone marrow aspiration and biopsy in a simulated environment Demonstrate in a model the correct technique to perform a lumbar puncture Interpret the results of: pulse oximetry, ABG, Chest Radiograph Reading and interpreting CT MRI
	Day 15	Generating clinical differential diagnosis	IM 4.11 IM25.6: Generate a differential diagnosis and prioritize based on clinical features that help distinguish between infective, inflammatory, malignant and rheumatologic causes
Week 4	Day 16	Developing a diagnostic plan based on symptoms and signs	IM 4.21: Develop and present an appropriate diagnostic plan based on the clinical presentation, most likely diagnosis in a prioritised and cost effective manner
	Day 17	Interpretation of diagnostic tests	IM 4.12IM25.7: Order and interpret diagnostic tests based on the differential diagnosis including: CBC with differential, peripheral smear, urinary analysis with sediment, Chest X ray, blood and urine cultures, sputum gram stain and cultures, sputum AFB and cultures, CSF analysis, pleural and body fluid analysis, stool routine and culture and QBC
	Day 18	Nutritional history assessment	Elicit, document and present a medical history and perform a systematic examination in a patient with severe weight loss or metabolic syndrome
	Day 19	SKILL	IM26.29 IM26.30 Communicate diagnostic and therapeutic options to patient and family in a simulated environment; Communicate care options to patient and family with a terminal illness in a simulated environment
	Day 20		Clinical test 2/Ward leaving / clinical assessment /feedback

2: Phase 2: Clinical Posting: General Surgery 4 Weeks (20 days)

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction to clinical surgery, the doctor-patient interaction	SU 8.2 Demonstrate Professionalism and empathy to the patient undergoing General Surgery
	Day 2	General approach to abdominal examination – history taking and demonstration of various landmarks	Elicit, document and present a medical history of patient with abdominal complaint AN 55.1 Demonstrate the surface marking of regions and planes of abdomen, superficial inguinal ring, deep inguinal ring, McBurney's point, Renal Angle & Murphy's point AN 44.1 Describe & demonstrate the Planes (transpyloric, trans tubercular, subcostal, lateral vertical, linea alba, lineasemilunaris), regions & Quadrants of abdomen
	Day 3	Approach to abdominal examination in patients with acute and chronic problems -1	SU 28.18 Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan
	Day 4	Approach to abdominal examination in patients with acute and chronic problems-2	SU 28.18 Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 5	SKILL	SU 10.2 Describe the steps and obtain informed consent in a simulated environment
Week 2	Day 6	Approach to patient with swelling – History taking	Elicit, document and present a medical history of patient who present with swelling
	Day 7	Examination of swelling	SU 18.3 Describe and demonstrate the clinical examination of surgical patient including swelling and order relevant investigation for diagnosis. Describe and discuss appropriate treatment plan.
	Day 8	Examination of inguinal hernia	SU 28.2 Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.
	Day 9	Examination of ventral hernia	SU 28.2 Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.
	Day 10	SKILL	SU 14.4 Demonstrate the techniques of asepsis and suturing in a simulated environment
Week 3	Day 11	Clinical test 1	
	Day 12	Care of patient in shock and protocol of blood transfusion	SU 2.3 Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care SU 3.3 Counsel patients and family/ friends for blood transfusion and blood donation. SU 3.2 Observe blood transfusions.
	Day 13	Enteral and total parenteral	SU 12.2 Discuss the nutritional requirements of surgical

		nutrition in surgical patients	patients, the methods of providing nutritional support and their complications
	Day 14	Maintenance of fluids and electrolytes in surgical patient	SU 12.3 Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient
	Day 15	SKILL	SU 10.4 Perform basic surgical Skills such as First aid including suturing and minor surgical procedures in simulated environment
Week 4	Day 16	Examination of peripheral vascular system	SU 27.2 Demonstrate the correct examination of the vascular system and enumerate and describe the investigation of vascular disease
	Day 17	Examination of lymphatic system	SU 27.8 Demonstrate the correct examination of the lymphatic system
	Day 18	History taking and examination of ulcer	SU 5.2 Elicit, document and present a history in a patient presenting with wounds.
	Day 19	SKILL	SU 17.2 Demonstrate the steps in Basic Life Support. Transport of injured patient in simulated environment
	Day 20	Clinical test 2/Ward leaving / clinical assessment /feedback	

3: Phase 2: Clinical Posting: Obstetrics & Gynecology: 4 Weeks (20 days)

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction to Obstetric & Gynaecology terms	OG35.5 (Skill) Determine gestational age, EDD and obstetric formula
	Day 2	Obstetric history	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
	Day 3	Skill: Case taking and examination	OG 8.2, OG 35.7(skill): Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history Obtain informed consent for any examination / procedure
	Day 4	Case taking/Examination	OG 8.3 : Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 5	Case taking/Examinations & vaccination in pregnancy	OG 8.7: Enumerate the indications for and types of vaccination in pregnancy
Week 2	Day 6	Case taking & Antenatal care	OG 8.1, OG 8.3: Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;
	Day 7	Case taking + Antenatal care + screening for high risk factors	OG 8.1, OG 8.3: Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;
	Day 8	Case taking + examination	OG 8.1, OG 8.3: Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. Describe, demonstrate, document and perform an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;
	Day 9	Investigations in pregnancy + case taking + Examination	OG 8.1, OG 8.3, OG 8.8: Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. Describe, demonstrate, document and perform an obstetrical

			examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being; Enumerate the indications and describe the investigations including the use of ultrasound in the initial assessment and monitoring in pregnancy
	Day 10	Skill: 12 -1 pm Case taking + Examination + Nutrition in pregnancy	OG 8.6 (skill): Assess and counsel a patient in a simulated environment regarding appropriate nutrition in pregnancy Clinical test 1(10 am-12noon)
Week 3	Day 11	Case presentation + stages of Normal labour	OG13.1: Enumerate and discuss the physiology of normal labor, mechanism of labor in occipito-anterior presentation; monitoring of labor including partogram; conduct of labor, pain relief; principles of induction and acceleration of labor; management of third stage of labor.
	Day 12	Case presentation Maternal Pelvis	OG14.1 :Enumerate and discuss the diameters of maternal pelvis and types
	Day 13	Case presentation + Management of stages of labour	OG14.2 :Discuss the mechanism of normal labor, Define and describe obstructed labor, its clinical features; prevention; and management
	Day 14	Skill: Case presentation & steps of conduct of normal labour	Observe OG13.5(Skill): Observe and assist the conduct of a normal vaginal delivery
	Day 15	Case presentation + Episiotomy	OG15.1: Enumerate and describe the indications and steps of common obstetric procedures, technique and complications: Episiotomy, vacuum extraction; low forceps; Caesarean section, assisted breech delivery; external cephalic version; cervical cerclage
Week 4	Day 16	Case presentation + PPH	OG16.1: Enumerate and discuss causes, prevention, diagnosis, management, appropriate use of blood and blood products in postpartum haemorrhage
	Day 17	Case presentation + puerperium	OG19.1: Describe and discuss the physiology of puerperium, its complications, diagnosis and management; counseling for contraception, puerperal sterilization
	Day 18	Skill: Case presentation + Lactation	OG17.2 : Counsel in a simulated environment, care of the breast, importance and the technique of breast feeding
	Day 19	Revision	
	Day 20		Clinical test 2/Ward leaving / clinical assessment /feedback

4: Phase 2: Clinical Posting ENT: 4 Weeks (20 days)

Week 1	Day	Topic	Competency covered
	Day 1	Introduction to clinical ENT, doctor-patient interaction	EN2.1 Elicit document and present an appropriate history in a patient presenting with an ENT complaint EN2.2 Demonstrate the correct use of a headlamp in the examination of the ear, nose and throat
	Day 2	Ear examination	EN2.3 Demonstrate the correct technique of examination of the ear including Otoscopy EN2.4 Demonstrate the correct technique of performance and interpret tuning fork tests
	Day 3	Nose and throat examination	EN2.5 Demonstrate the correct technique of examination of the nose & paranasal sinuses including the use of nasal speculum EN2.6 Demonstrate the correct technique of examining the throat including the use of a tongue depressor
	Day 4	Skill: Administer informed consent	EN2.7 Counsel and administer informed consent to patients and their families in a simulated environment EN2.8 Demonstrate the correct technique to perform and interpret pure tone audiogram & impedance audiogram
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 5	Choose correct investigation	EN2.9 Choose correctly and interpret radiological, microbiological & histological investigations relevant to the ENT disorders EN2.10 Identify and describe the use of common instruments used in ENT surgery
WEEK 2	Day 6	Neck examination	EN2.11 Demonstrate the correct technique of examination of neck including elicitation of laryngeal crepitus EN2.12 Describe and identify by clinical examination malignant & pre-malignant ENT diseases
	Day 7	Ear history (ASOM)	EN2.13 Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of ASOM EN2.14 Demonstrate the correct technique to instilling topical medications into the ear, nose and throat in a simulated environment (Skill)
	Day 8	Ear history (Otagia)	EN4.1 Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Otagia EN4.2 Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of diseases of the external Ear
	Day 9	Skill	EN4.3 Identify, resuscitate and manage ENT emergencies in a simulated environment (including tracheostomy, anterior nasal packing) EN4.4 Demonstrate the correct technique to hold visualize and assess the mobility of the tympanic membrane and its mobility and interpret and

			diagrammatically represent the findings
	Day 10	Ear history(Discharging ear)	EN4.5Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of OME EN4.6Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Discharging ear
WEEK 3	Day 11	Clinical test 1	
	Day - 12	History taking ear(CSOM)	EN4.7Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of CSOM EN4.8Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of CSOM
	Day 13	History taking ear (Hearing loss)	EN4.12Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Hearing loss
	Day 14	Nasal examination (DNS)	EN4.17 Interpret the results of an audiogram EN4.22Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Nasal Obstruction
	Day 15	Skill	EN4.23 Demonstrate the correct technique for syringing wax from the ear in a simulated environment EN4.25Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Nasal Polyps
WEEK 4	Day 16	History of adenoid	EN4.26Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Adenoids EN4.30Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Epistaxis
	Day - 17	History of dysphagia	EN4.38Elicit document and present a correct history demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of type of dysphagia EN4.39Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Tonsillitis.
	Day 18	Hoarseness	EN4.42Elicit, document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of hoarseness of voice
	Day 19	Airway obstruction Skill	EN4.47Elicit document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Airway Emergencies Insertion of oral airway and observation of tracheostomy
	Day 20		Clinical test 2/Ward leaving / clinical assessment /feedback

5: Phase 2: Clinical Posting Ophthalmology: 4 Weeks (20 days)

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction to eye disease, symptoms and signs	OP2.1 Demonstrate the symptoms and clinical signs in patient suffering from eye condition; Demonstrating bell's phenomenon, ptosis, lid lag, lagophthalmos, proptosis
	Day 2	Lid examination	OP 2.3 OP 3.4 Demonstrate under supervision clinical procedures to study lid mass, trichiasis, sty, trachoma, bells phenomenon, sac test, assessment of entropion/ ectropion, perform eversion of lid, perform the syringing and regurgitation test of lacrimal sac, massage technique in cong. dacryocystitis, and trichiatic cilia removal by epilation
	Day 3	Eye examination	OP 3.1 Elicit document and present an appropriate history in a patient presenting with a "red eye" including type of congestion, discharge, pain OP 3.2 Demonstrate document and present the correct method of examination of a "red eye" including vision assessment, conjunctival transparency, dryness and wrinkling, corneal lustre, pupil abnormality, ciliary tenderness
	Day 4	Foreign body removal	OP 3.8 Demonstrate correct technique of removal of foreign body from the eye in a simulated environment, Demonstrate technique of removal of foreign body in the cornea in a simulated environment
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 5	Skill	OP 3.8 and 3.9 Demonstrate the correct technique of instillation of eye drops in a simulated environment. Demonstration double eversion of lid
Week 2	Day 6	Vision assessment and examination for cataract and glaucoma	OP10.20 Demonstrate testing of visual acuity, colour and field of vision in volunteer/ simulated environment 6.6 Demonstrate the clinical features and diagnose common clinical conditions affecting the anterior chamber including anterior chamber depth, distinguishing hypopyon from hyphema, iris mole and hole,
	Day 7	Cataract evaluation	OP 7.3 Elicit document and present an appropriate history in a patient presenting with a cataract Demonstrate the correct technique of ocular examination in a patient with a cataract and macular function tests
	Day 8	Cataract management	OP 7.4 Learn the types of cataract surgery and describe the steps. To participate in the team for cataract surgery
	Day 9	Cataract follow up	OP 7.4 Examine patient for intra-operative and post-operative complications of extracapsular cataract extraction surgery.
	Day 10	Skill	OP7.5 To participate in the team for cataract surgery

			OP7.6Administer informed consent and counsel patients for cataract in a simulated environment
Week 3	Day 11	Clinical test 1	
	Day 12	Approach to Glaucoma	Elicit document and present an appropriate history and examine a patient presenting with glaucoma.
	Day 13	Tests for glaucoma	Demonstrate tests for glaucoma, differentiation of coloured haloes
	Day 14	Skill	Perform correct technique to measure Intraocular pressure assessment under supervision
	Day 15	Corneal ulcer	OP3.3 Demonstrate the examination and description of corneal ulcer, checking corneal sensation, demonstrating foreign body lodgement sites
Week 4	Day 16	Uveitis	Elicit document and present an appropriate history and examine a patient presenting with uveitis . differentiate granulomatous from non-granulomatous uveitis
	Day 17	Extra ocular movementsSquint assessment	Demonstrate the correct technique to examine extra ocular movements (Uniocular& Binocular) OP9.1 Demonstrate the correct technique to examine extra ocular movements (Uniocular& Binocular). Differentiate concomitant from non-concomitant squint
	Day 18	Retinal examination	OP8.3 Demonstrate the correct technique of a fundus examination and describe and distinguish the funduscopy features in a normal condition and in conditions causing an abnormal retinal exam
	Day 19	Skill	Counsel patients and family about eye donation in a simulated environment
	Day 20		Clinical test 2/Ward leaving / clinical assessment /feedback

6:Phase 2: Clinical posting: Community Medicine: 4 weeks: 20 days

Week	Day	Topic	Competencies
1	Day 1	Explained the objectives of family study. Dos and don'ts in the Community under the guidelines of family study. How to develop rapport with family.	CM 1.10 -Demonstrate the important aspects of the doctor patient relationship in a simulated environment
	Day 2	Carry out vital statics survey in the Community. Demographic variables of the family	CM 6.2- Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data
	Day 3	Individual health status of the family members- I	CM 4.2- Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings
	Day 4	Individual health status of the family members- II	CM 4.2- Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings
	The learner-doctor method will be introduced on day 4 of the posting. Students will be divided into 3 groups of 10 students each. Each group will be allotted a family which they will follow till end of posting. The students will interact with the faculty and postgraduate residents on familyvisits and participate in activities concerning that family.		
	Day 5	Individual health status of the family members- III	CM 4.2- Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings
Week 2	Day 6	Environment survey of the allotted family and infer whether environment is health promoting or disease breeding.	CM 3.5- Describe the standards of housing and the effect of housing on health
	Day 7	Social economic survey of the family according to modified KuppuSwami Scale to classify socio-economic status.	CM 2.20- Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status.
	Day 8	Diet assessment of family members to assess deficiencies and excess intake of various micro and macro nutrients.	CM 5.1- Describe the common sources of various nutrients and special nutritional requirementsaccording to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals

			and families based on local availability of foods and economic status, etc in a simulated environment
	Day 9	Diet survey for assessment of dietary intake by family members.	CM 5.1- Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment
	Day 10		Clinical test 1
Week 3	Day 11	Diet survey for assessment of dietary intake by family members.	CM 5.1- Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment
	Day 12	Diet survey for assessment of dietary intake by family members	CM 5.1- Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment
	Day 13	Diet Calculation to assess deficiencies and excess intake of various micro and macro nutrients (Part I)	CM 5.1- Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment
	Day 14	Diet Calculation to assess deficiencies and excess intake of various micro and macro nutrients. (Part II)	CM 5.1- Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions CM 5.2- Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method CM 5.4- Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment

	Day 15	Personal hygiene status of the family members	CM 2.4- Describe social psychology, community behaviour and community relationship and their impact on health and disease CM 4.2- Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings CM 17.1- Define and describe the concept of health care to community
Week 4	Day 16	Comprehensive socio cultural survey of the family	CM 2.1- Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community CM 2.20- Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status. CM 5.5- Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of sociocultural factors.
	Day 17	Family presentation of group 1/ participation by all groups	
	Day 18	Family presentation of group 2/ participation by all groups	
	Day 19	Family presentation of group 3/ participation by all groups	
	Day 20	Clinical test 2 /Ward leaving / clinical assessment /feedback	

7:Phase 2: Clinical posting: Clinical posting: Pediatrics 2 weeks: 10 days

WEEK	DAY	TOPIC	COMPETENCIES COVERED
Week 1	Day 1	Introduction to Growth & Development	PE1.1 Define the terminologies Growth and Development and discuss the factors affecting normal growth and development PE1.2 Discuss and describe the patterns of growth in infants, children and adolescents
	Day 2	Assessment of Growth	PE1.3 Discuss and describe the methods of assessment of growth including use of WHO and Indian national standards. Enumerate the parameters used for assessment of physical growth in infants, children and adolescents
	<p>The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.</p>		
	Day 3	SKILL: Perform anthropometry & Interpret	PE 1.4 Perform Anthropometric measurements, document in growth charts and interpret
	Day 4	Failure to Thrive	PE 2.1 Discuss the etio-pathogenesis, clinical features and management of a child who fails to thrive
	Day 5	Failure to Thrive	PE 2.2 Assessment of a child with failing to thrive including eliciting an appropriate history and examination PE 2.3 Counselling a parent with failing to thrive child
Week 2	Day 6	Short Stature	PE 2.4 Discuss the etio-pathogenesis, clinical features and management of a child with short stature
	Day 7	Short Stature	PE 2.5 Assessment of a child with short stature: Elicit history, perform examination, document and present PE 2.6 Enumerate the referral criteria for growth related problems
	Day 8	Introduction to Development	PE 1.5 Define development and discuss the normal developmental milestones with respect to motor, behaviour, social, adaptive and language
	Day 9	SKILL: Perform Development Assessment & Interpret	PE 1.6 Discuss the methods of assessment of development PE 1.7 Perform Developmental assessment and interpret
	Day 10		Clinical test 1/Ward leaving / clinical assessment /feedback

8: Phase 2: Clinical posting: Dermatology 2 weeks: 10 days

WEEK	DAY	TOPIC	COMPETENCIES COVERED
Week 1	Day 1	Introduction to history taking in Dermatology	Small group Discussion
	Day 2	Skin lesions and their terminology	Demonstration and Small group Discussion
	The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 3	History taking of a case of scabies and its management	DR 5.2, 5.3: Identify and differentiate scabies from other lesions in adults and children, Enumerate and describe pharmacology administration and adverse reactions of pharmacotherapies for scabies
	Day 4	Examination of a patient of Tinea	DR 7.1, 7.3 : Describe clinical presentations and diagnostic features of dermatophytes in adults and children, Describe pharmacology and action of antifungal agents, enumerate side effects of antifungal therapy
	Day 5	SKILL: Skin smear for KOH examination	DR 7.2 : Identify candida species in fungal scrapings and KOH mount
Week2	Day 6	History taking and examination of Acne patient	DR 1.2,1.3 : Identify and grade various common types of Acne, Describe treatment and preventive measures for acne
	Day 7	History taking and examination of Leprosy patient	DR 9.1,9.2 Clinical presentations and diagnostic features of leprosy, Demonstrate and classify clinical features of leprosy including an appropriate neurologic examination
	Day 8	History taking and examination of Leprosy patient	DR 9.4, 9.5, 9.6, 9.7 Identify lepra reactions and supportive measures and therapy of lepra reactions. Adverse reactions of pharmacotherapies. Treatment of leprosy based on WHO guidelines. Describe complications of leprosy and its management including understanding disability and stigma
	Day 9	SKILL: Slit skin smear and skin biopsy	DR 9.3 Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy
	Day 10		Clinical test 1/Ward leaving / clinical assessment /feedback

9: Phase 2: Clinical posting: Clinical posting: Psychiatry 2 weeks: 10 days

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction to clinical psychiatry, the doctor-patient interaction	PS1.1- PS1.4- Establish rapport and empathy with patients, Describe the components of communication, demonstrate interview skills, Describe and demonstrate the importance of confidentiality in patient encounters
	Day 2	General approach to patient	PS3.2- PS3.4- Describe the importance of establishing rapport with patients , Elicit, present and document a history in patients presenting with a mental disorder. Enumerate, describe and discuss important signs & symptoms of common mental disorders
	The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 3	Physical examination	PS3.5- PS3.6- Demonstrate and perform physical examination in psychiatry patients. Describe and discuss biological, psychological & social factors & their interactions in the causation of mental disorders
	Day 4	Physical and psychological investigations	PS 3.8- Enumerate and describe the essential investigations in patients with organic psychiatric disorders, substance use disorders, common mental disorders, intellectual disabilities.
	Day 5	SKILL -Mental status examination	PS3.5- Demonstrate and perform mental status examination
Week 2	Day 6	Common mental disorders and substance use	PS 3.7, PS4.1-Enumerate and describe common mental disorders (CMDs) including substance use disorders (SUDs), magnitude, etiology and clinical features
	Day 7	History of substance use disorders	PS4.2- Elicit, describe and document severity of clinical features of alcohol and substance use disorders by using standardized scales.
	Day 8	History of common mental disorders	PS6.2, PS8.2- Enumerate, elicit, describe and document clinical features in patients with depression and anxiety disorders.
	Day 9	SKILL	PS6.3, PS8.3, PS4.3 Interpret laboratory and other tests used in depression, anxiety and substance use disorders.
	Day 10		Clinical test 1 /Ward leaving / clinical assessment /feedback

10 :Phase 2: Clinical posting: Pulmonary Medicine 2 weeks: 10 days

WEEK K	DAY	TOPIC	COMPETENCIES COVERED
Week 1	Day 1	History taking	CT1.5: Elicit, document and present an appropriate medical history that includes risk factor, contacts, symptoms including cough and fever and other manifestations that help to differentiate between etiologies of obstructive and restrictive lung diseases
	Day 2	General physical and systemic examination	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
	The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 3	Case on Tuberculosis (Fibro-cavitary disease/pleural effusion)	CT1.9: Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum culture and sensitivity, pleural fluid examination and culture, HIV testing
			CT1.18: Educate health care workers on National Program of Tuberculosis and administering and monitoring the DOTS program
			CT1.19: Communicate with patients and family in an empathetic manner about the diagnosis, therapy
	Day 4	Case on pleural effusion	CT1.11: Assist in the performance, outline the correct tests that require to be performed and interpret the results of a pleural fluid aspiration
Week 2	Day 5	Skills	CT1.7: Perform and interpret a PPD (Mantoux) and describe and discuss the indications and pitfalls of the test
			CT1.10: Perform and interpret an AFB stain
	Day 6	Case of obstructive airway disease (COPD)	CT2.8: Elicit document and present a medical history that will differentiate the aetiologies of obstructive airway disease, severity and precipitants
			CT2.9: Perform a systematic examination that establishes the diagnosis and severity that includes measurement of respiratory rate, level of respiratory distress, effort tolerance, breath sounds, added sounds, identification of signs of consolidation pleural effusion and pneumothorax
			CT2.10: Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology
	Day 7	Case on	CT2.13: Describe the appropriate diagnostic work up based on the

		obstructive airway disease (Asthma)	presumed aetiology
			CT2.14:Enumerate the indications for and interpret the results of : pulse oximetry, ABG, Chest Radiograph
			CT2.15:Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology
	Day 8	Skills	CT2.11:Describe, discuss and interpret pulmonary function tests
			CT2.12:Perform and interpret peak expiratory flow rate
	Day 9	Obstructive airway disease	CT2.18:Develop a therapeutic plan including use of bronchodilators and inhaled corticosteroids
			CT2.19:Develop a management plan for acute exacerbations including bronchodilators, systemic steroids, antimicrobial therapy
			CT2.21:Describe discuss and counsel patients appropriately on smoking cessation
			CT2.22:Demonstrate and counsel patient on the correct use of inhalers
			CT2.23:Communicate diagnosis treatment plan and subsequent follow up plan to patients
	Day 10		Clinical test 1/Ward Leaving / assessment/Feedback

11: Phase 2: Clinical Posting: Orthopedics: 2 Weeks (10 days)

Week	Day	Topic	Competencies covered
Week 1	Day 1	Introduction and General approach to trauma, open fractures	OR1.1 - Describe and discuss the Principles of pre-hospital care and Casualty management of a trauma victim including principles of Triage OR2.16 - Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management
	Day 2	Introduction and General principles of compartment syndrome, fat embolism	OR2.11 - Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of compartment Syndrome OR2.12 - Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Fracture shaft of femur in all age groups and the recognition and management of fat embolism as a complication
	The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each and each team will be allotted to one Unit. Each team will be allotted a case from the unit which the team will follow from admission till discharge. The students will interact with the faculty and postgraduate residents on ward rounds and participate in unit's activities concerning that patient.		
	Day 3	Joint dislocations	OR1.5 - Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip
	Day 4	Management of joint dislocations Collaboration and team work	OR1.6 - Participate as a member in the team for closed reduction of shoulder dislocation / hip dislocation / knee dislocation
	Day 5	Skill	OR13.1 - 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
Week 2	Day 6	Congenital malformations and deformities	OR12.1 - Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: a. limbs and spine - Scoliosis and spinal bifida b. Congenital dislocation of Hip, Torticollis, c. congenital talipes equinovarus
	Day 7	Peripheral nerve injuries	OR11.1 - Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerve

			injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves
	Day 8	Bone and joint infections	<p>OR3.1 -Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections</p> <p>a) Acute Osteomyelitis</p> <p>b) Subacute osteomyelitis</p> <p>c) Acute Suppurative arthritis</p> <p>d) Septic arthritis & HIV infection</p> <p>e) Spirochaetal infection</p> <p>f) Skeletal Tuberculosis</p> <p>OR4.1 - Describe and discuss the clinical features, Investigation and principles of management of Tuberculosis affecting major joints(Hip, Knee) including cold abscess and caries spine</p>
	Day 9	Skill	<p>OR3.2 - Participate as a member in team for aspiration of joints under Supervision</p> <p>OR3.3 -Participate as a member in team for procedures like drainage of abscess, sequestrectomy/ saucerisation and arthrotomy</p>
	Day 10		Clinical test 1/Ward leaving / feedback

12: Phase 2: Clinical posting: Radiodiagnosis /Radiotherapy 2 weeks (10 days)

Week	Day	Topic	Competencies Covered
1	Day 1	Round of various radiographic rooms with introduction to Radiodiagnosis, X-Rays history, evolution and current, equipment /various modalities	RD1.2 Describe the evolution of Radiodiagnosis. Identify various radiological equipment RD1.1 Define radiation and the interaction of radiation and importance of radiation protection
	Day 2	Radiation Protection: Display of personnel protection equipment, lead shielding, Fluoroscopic/CT guided procedures	RD1.1 Define radiation and the interaction of radiation and importance of radiation protection RD1.12 Radiation in pregnancy and the methods of prevention/ minimization of radiation exposure
	The learner-doctor method will be introduced on day 2 of the posting. Students will be divided into 3 teams of 10 students each. Each team will be allotted a case which the team will follow. The students will interact with the faculty and postgraduate residents on radiology rounds and participate in activities investigating that patient.		
	Day 3	Flouroscopy/US and CT guided procedures Intervention Radiology: Introduction and scope	RD1.9 Interventional Radiology in common clinical conditions RD1.10 Emergency Radiology, miscellaneous & applied aspects, interaction with clinical departments
	Day 4	Introduction to Ultrasound and PCPNDT Act: Form F introduction and filling up, Pre USG patient preparation/instruction	RD1.13 The components of the PC & PNDT act and its medicolegal implications RD 1.4 Enumerate indications for various common radiological investigations, choose the most appropriate method and interpret findings in common conditions pertaining to disorder in Ob &Gy
Week 2	Day 5	Skill	RD1.11 Describe preparation of patient for common imaging procedures Filling up the Radiological investigation requisition form Choosing the Imaging modality Instructions to the patients: X-ray and USG
	Day 6	Introduction to various X-rays of extremities, Chest X-Ray, X Ray KUB and Abdomen Observation of various Fluoroscopy investigations like barium studies, IVP, MCU, RGU and others	RD1.10 Emergency Radiology, miscellaneous & applied aspects, interaction with clinical departments RD1.3, RD 1.5, RD 1.6, RD1.7, RD1.8 Indications for various common radiological investigations, choose the most appropriate method and interpret findings in common conditions pertaining to disorder of Internal Medicine, Surgery, Pediatrics, ENT and malignancies RD1.1 Importance of radiation protection
	The learner-doctor method will be introduced on day 6 of the posting schedule. Students will be divided into 3 teams of 10 students each. Each team will be allotted a case which the team will follow up during the radiotherapy. The students will interact with the faculty and postgraduate residents for managing the patient.		
	Day 7	Round of radiotherapy department with introduction to Radiotherapy, evolution and current equipment /various modalities	RT1.1- describe and discuss definition, mechanism of action of radiation, types of radiation RT1.2- describe and discuss interaction of radiation with matter & measurement of radiation RT1.3- describe and discuss classification and staging of

			cancer
	Day 8	Radiation protection, radiobiology and chemoradiation	RT2.1- describe and discuss radiation protection and personal monitoring during radiation treatment RT3.1- describe and discuss cell cycle, cell survival curves and principles of radiobiology RT3.2- synergism of radiation and chemotherapy
	Day 9	Teletherapy, brachytherapy equipment and their use in cancer treatment	RT4.1, RT 4.2, RT 4.3 - describe and discuss teletherapy machines, types of treatment plans, basic workflow of 2D/3DCRT/IMRT/IGRT, brachytherapy machine RT4.4- radioisotopes and their use in cancer patients RT4.5, 8- discuss and describe role of radiation in management of common cancers and oncologic emergencies & palliative care
	Day 10	Skill	RD1.11 Describe preparation of patient for common imaging procedures Instructions to the patients: CT, MRI and Interventions Clinical test 1/Ward leaving