**Clinical Posting**

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| **Period** | **Medicine****(4 Weeks)** | **Surgery****(4 Weeks)** | **Comm. Med****(4 Weeks)** | **OBG****(4 Weeks)** | **ENT****(4 Weeks)** | **Ophthalmology****(4 Weeks)** |
| 21 Fab-22 Mar 2022 | A | B | C | D | E | F |
| 23 Mar-21 Apr 2022 | B | C | D | E | F | A |
| 22 Apr -23 May 2022 | C | D | E | F | A | B |
| 24 May -20 June 2022 | D | E | F | A | B | C |
| 21 June- 26 June 2022 | E | F | A | B | C | D |
| 27 June- 16 July 2022 | Examination (Term exams for Medicine surgery OBG will be held during this period)Vacation |
| 17 July- 8 Aug 2022 | E | F | A | B | C | D |
| 9 Aug -5 Sept 2022 | F | A | B | C | D | E |
|  | **Paediatrics****( 2 Weeks)** | **Ortho****( 2 Weeks)** | **Respiratory Med( 2 Weeks)** | **psychiatry ( 2 Weeks)** | Radio diagnosis**( 2 Weeks)** | Dermatology**( 2 Weeks)** |
| 6Sept -19 Sept 2022 | A | B | C | D | E | F |
| 20 Sept -2 Oct 2022 | B | C | D | E | F | A |
| 03 Oct-13 Oct 2022 | Examination(Term exams for Medicine surgery OBG will be held during this period) |
| 14 Oct –14 Oct 2022 | B | C | D | E | F | A |
| 15 Oct 2022- 31 Oct 2022 | C | D | E | F | A | B |
| 3 Nov-17 Nov 2022 | D | E | F | A | B | C |
| 18 Nov- 1 Dec 2023 | E | F | A | B | C | D |
| 1 Dec- 14 Dec 2023 | F | A | B | C | D | E |

A=1-28 B=29-56 C=57-84 D=85-112 E=113-141 F=142-onwards

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| Community Medicine |
| Day | **Competencies** |
| 1 | CM 2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community |
| 2 | CM 2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community |
| 3 | CM 2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic statusCM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behaviorCM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvestingCM 3.4 Describe the concept of solid waste, human excreta and sewage disposalCM 3.5 Describe the standards of housing and the effect of housing on health |
| 4 | CM 2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic statusCM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behaviorCM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvestingCM 3.4 Describe the concept of solid waste, human excreta and sewage disposalCM 3.5 Describe the standards of housing and the effect of housing on health |
| 5 | CM 5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditionsCM 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 environmentCM 5.7 Describe food hygiene |
| 6 | CM 5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditionsCM 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 environmentCM 5.7 Describe food hygiene |
| 7 | CM 10.6 Enumerate and describe various family planning methods, their advantages and shortcomingsCM 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 5.5 Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio-cultural factors. |
| 8 | CM 10.6 Enumerate and describe various family planning methods, their advantages and shortcomingsCM 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 5.5 Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio-cultural factors. |
| 9 | CM 2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community |
| 10 | CM 9.1 Define and describe the principles of Demography, Demographic cycle, Vital statisticsCM 9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates |
| 11 | CM 9.1 Define and describe the principles of Demography, Demographic cycle, Vital statisticsCM 9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility ratesCM 6.2 Describe and discuss the principles and demonstrate the methodsof collection, classification, analysis, interpretation and presentation of statistical data |
| 12 | CM 9.1 Define and describe the principles of Demography, Demographic cycle, Vital statisticsCM 9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility ratesCM 6.2 Describe and discuss the principles and demonstrate the methodsof collection, classification, analysis, interpretation and presentation of statistical data |
| 13 | CM 9.1 Define and describe the principles of Demography, Demographic cycle, Vital statisticsCM 9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility ratesCM 6.2 Describe and discuss the principles and demonstrate the methodsof collection, classification, analysis, interpretation and presentation of statistical data |
| 14 | CM 10.5 Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs |
| 15 | CM 10.5 Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing ProgramsCM 14.1 Define and classify hospital waste |
| 16 | CM 8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases |
| 17 | CM 7.2 Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable and noncommunicable diseases |
| 18 | CM 10.5 Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs |
| 19 | Presentation of demographic exercises |
| 20 | Family discussion and Assessment |

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| **Dermatology** |
| **Day** | **Competencies** |
| Day 1 | DR a.1 Enumerate and describe the primary , secondary and special skin lesion |
| Day 2 | DR a.2 Elicit and present medical history of a common dermatology case |
| Day 3 | DR a.3 Present and describe basics of dermatological examination of a common dermatology case. |
| Day 4 | DR5.1 Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and childrenDR5.2 At the end of the session the student must be able to identify and differentiate scabies from other lesions in adult and pediatric age groupDR5.3 At the end of the session student must be able to enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies. Should be able to counsel the patient about importance of family treatment and other preventive measures. |
| Day 5 | DR15.1 Identify and distinguish folliculitis impetigo and carbuncle from other skin lesionsDR15.2 Identify staphylococcus on a gram stainDR15.3 Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma. Should be able to counsel the patient about preventive measures and management of recurrent diseaseDR15.4 Enumerate the indications for surgical referral |
| Day 6 | DR 8.1 -8.5 Describe the etiology and clinical presentations, diagnostic features, differential diagnosis of common viral infections of the skinDR 8.2 Identify and distinguish herpes simplex and herpes labialis from other skin lesionsDR 8.3 Identify and distinguish herpes zoster and varicella from other skin lesions |
| Day 7 | DR 8.4 Identify and distinguish viral warts from other skin lesionsDR 8. 5 Identify and distinguish molluscum contagiosum from other skin lesionsDR 8.6 Enumerate the indications, describe the procedure and perform a Tzanck smearDR 8.7 Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin |
| Day 8 | DR 7.1 Describe the etiology, and clinical presentations and diagnostic features of dermatophytes and candidal mucocutaneous infections |
| Day 9 | DR 7.2 Identify dermatophyte and candida species in fungal scrapings and KOH mountDR7.3Describe the pharmacology and action of antifungal systemic and topical) agents. Enumerate side effects of antifungal therapy. Should be able to counsel the patient about importance of preventive measures and management of recurrent / persistent disease. |
| Day 10 | Dermatology: Assessment and Feedback |

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| **ENT** |
| **Day** | **Competencies** |
| Day 1 | EN1.1Describe the Anatomy & physiology of ear |
| Day 2 | EN2.1Elicit, document and present an appropriate history in a patientpresenting with an Ear complaint |
| Day 3 | EN2.2, EN2.3, EN4.4Demonstrate the correct use of a headlamp in the examination of theear,Demonstrate the correct technique of examination of the ear includingOtoscopyDemonstrate 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 4 | EN3.1, EN4.16, EN4.17 & EN2.8Observe and describe the indications for and steps involved in the performance of Otomicroscopic examination in a simulated environmentObserve and describe the indications for and steps involved in the performance of pure tone audiometryDemonstrate the correct technique to perform and interpret pure tone audiogram & impedance audiogramEnumerate the indications and interpret the results of an audiogram |
| Day 5 | EN2.4Demonstrate the correct technique of performance and interpret tuningfork test |
| Day 6 | EN1.1Describe the Anatomy & physiology of Nose |
| Day 7 | EN2.1Elicit, document and present an appropriate history in a patientpresenting with a nasal complaint |
| Day 8 | EN2.2 & EN2.5Demonstrate the correct use of a headlamp in the examination ofnoseDemonstrate the correct technique of examination of nose &paranasal sinuses including the use of nasal speculum |
| Day 9 | EN1.1Describe the Anatomy & physiology of throat |
| Day 10 | EN2.1Elicit document and present an appropriate history in a patientpresenting with throat complaint |
| Day 11 | EN2.2 & EN2.6Demonstrate the correct use of a headlamp in the examination of throat,Demonstrate the correct technique of examining the throat including theuse of a tongue depressor |
| Day 12 | 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 squamosal type of Acute & Chronic Tonsillitis |
| Day 13 | EN1.1Describe the Anatomy & physiology of Head & Neck |
| Day 14 | EN2.1Elicit document and present an appropriate history in a patientpresenting with Head & Neck complaint |
| Day 15 | EN2.7 & EN3.3Demonstrate the correct technique of examination of neck includingelicitation of laryngeal crepitusObserve and describe the indications for and steps involved in theperformance of Rigid/Flexible Laryngoscopy |
| Day 16 | EN2.12 & EN2.14Counsel and administer informed consent to patients and their families in a simulated environmentDemonstrate the correct technique to instilling topical medications into the ear, nose and throat in a simulated environment |
| Day 17 | EN2.11Describe and identify by clinical examination malignant & pre- malignantENT diseases |
| Day 18 | EN1.2Describe the pathophysiology of common diseases in ENT |
| Day 19 | EN2.15Describe the national programs for prevention of deafness, cancer,noise & environmental pollution |
| Day 20 | Assessment |

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| Medicine |
| Days | **Competencies** |
| 1 | IM 4.9 Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms, immune status, comorbidities, risk factors, exposure through occupation, travel and environment and medication use .VI- Microbiology |
| 2 | IM 5.9 Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history |
| 3 | IM 4.10 Perform a systematic examination that establishes the diagnosis and severity of presentation that includes: general skin mucosal and lymph node examination, chest and abdominal examination (including examination of the liver and spleen) |
| 4 | IM 5.10 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 |
| 5 | IM 8.9 Elicit document and present a medical history that includes: duration and levels, symptoms, comorbidities, lifestyle, risk factors, family history, psychosocial and environmental factors, dietary session previous and concomitant therapy |
| 6 | IM 9.3 Elicit document and present a medical history that includes symptoms, risk factors including GI bleeding, prior history, medications, menstrual history, and family history. |
| 7 | IM 9.4 Perform a systematic examination that includes: general examination for pallor, oral examination, DOAP session of hyper dynamic circulation, lymph node and splenic examination. |
| 8 | IM 9.5 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology of anemia.VI- Pathology |
| 9 | IM 16.5 Perform, document and demonstrate a physical examination based on the history that includes general examination, including an appropriate abdominal examinationIM 16.7 Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritise based on the most likely diagnosis |
| 10 | IM 1.11 Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and estimate its severity including: measurement of pulse, blood pressure and respiratory rate, jugular forms venous pulses, peripheral pulses conjunctiva and fundus, lung, cardiac examination including palpation and auscultation with identification of heart sounds and murmurs, abdominal distension and splenic palpation |
| 11 | IM1.12 Demonstrate peripheral pulse, volume, character, quality and variation in various causes of heart failure. |
| 12 | IM 1.13 Measure the blood pressure accurately, recognise and discuss alterations in blood pressure in valvular heart disease and other causes of heart failure and cardiac tamponade.IM1.14. Demonstrate and measure jugular venous distension. |
| 13 | IM 1.15. Identify and describe the timing, pitch quality conduction and significance of precordial murmurs and their variations |
| 14 | IM 2.7 Perform, demonstrate and document a physical examination including a vascular and cardiac examination that is appropriate for the clinical presentation |
| 15 | IM 10.13 Perform a systematic examination that establishes the diagnosis and severity including determination of volume status, presence of edema and heart failure, features of uraemia and associated systemic disease |
| 17 | IM 1.10 Elicit document and present an appropriate history that will establish the diagnosis, cause and severity of heart failure including: presenting complaints, precipitating and exacerbating factors, risk factors exercise tolerance, changes in sleep patterns, features suggestive of infective endocarditisIM 1.22 Assist and demonstrate the proper technique in collecting specimen for blood culture |
| 18 | IM 10.13 Perform a systematic examination that establishes the diagnosis and severity including determination of volume status, presence of edema and heart failure, features of uraemia and associated systemic disease |
| 19 | Module 2.5 Organise pharmaco-vigilance activities.Module 2.5 Discuss ethical aspects of clinical trials in pandemics. |
| 20 | End posting assessment and Feedback |

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| **Obstetrics and gynaecology** |
| **Day** | **Competencies** |
| Day 1 | 6.1 Diagnosis of Pregnancy Describe,discuss and demonstrate clinical features of pregnancy,derive and discuss its differential diagnosis, elaborate principles underlying and interpret pregnancy tests |
| Day 2 | 35.5 Gestational age, EDD and obstetric formula.Determine gestational age, EDD and obstetric formula |
| Day 3 | 8.2 Obstetric History takingElicit, document and present an obstetric history including menstrual history, previous obstetric history, co-morbid conditions , past medical history and surgical history |
| Day 4 | 8.2 Obstetric History taking |
| Day 5 | 35.1 Gynae History takingObtain a logical sequence of History, and perform a humane and thorough clinical examination, excluding internal examinations(Per rectal and pervaginal) |
| Day 6 | 35.1 Gynae History taking |
| Day 7 | 8.3 Obstetric ExaminationDescribe, demonstrate, document and perform an obstetrical examination including general and abdominal examination and clinical monitoring of maternal and fetal well being. |
| Day 8 | 8.6 Ante-Natal advice including nutritional counsellingAssess and counsel the patient in a stimulated environment regarding appropriate nutrition in pregnancy |
| Day 9 | 14.1 The diameters of maternal pelvis and typesEnumerate and discuss the diameters of maternal pelvis and types |
| Day 10 | 19.1 Management of normal puerperiumDescribe and discuss the physiology of puerperium, its complications, diagnosis and management; counselling for contraception, puerperal sterilization |
| Day 11 | 17.2 Post-Natal advice on breast feedingCounsel in a simulated environment, care of the breast, importance and the technique of breast feeding |
| Day 12 | 35.6 Ethical behaviour in all aspects of medical practiceDemonstrate ethical behaviour in all aspects of medical practice. |
| Day 13 | 35.7 Informed consentObtain informed consent for any examination or procedure |
| Day 14 | 35.11 Universal precautionsDemonstrate The correct use of appropriate universal precautions for self protection against HIV and hepatitis and counsel patient |
| Day 15 | 21.1 Barrier & Natural Methods of contraceptionDescribe and discuss the temporary and permanent methods of contraception, indications, technique and complications; selection of patients, side effects and failure rate including Ocs, male contraception, emergency contraception and IUCD |
| Day 16 | 21.1 Hormonal methods of contraception |
| Day 17 | 21.1 Permanent methods of contraception |
| Day 18 | 21.2 IUCD including PPIUCDDescribe & discuss PPIUCD programme |
| Day 19 | 20.1 First and second trimester MTPEnumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of Medical Termination of Pregnancy |
| Day 20 | Internal Assessment (OSCE & Theory)Assessment |

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| **Ophthalmology** |
| **Days** | **Number** | **Competencies** |
| Day 1 | OP1.3 | Demonstrate the steps in performing the visual acuity assessmentfor distance vision, near vision, color vision, the pin hole test and the menace and blink reflexes |
| Day 2 | OP1.3 |
| Day 3 | OP3.1 | Elicit document and present an appropriate history in a patientpresenting with a “red eye” including congestion, discharge, pain |
| Day 4 | OP3.1 |
| Day 5 | OP3.1 |
| Day 6 | OP3.1 |
| Day 7 | OP9.1 | Demonstrate the correct technique to examine extra ocularmovements (Uniocular & Binocular) |
| Day 8 | AN41.1 | Describe & demonstrate parts and layers of eyeball |
| Day 9 | AN41.1 |
| Day 10 | AN41.1 |
| Day 11 | OP3.3 | Describe the aetiology, pathophysiology, ocular features, differentialDiagnosis of conjunctivitis |
| Day 12 | OP3.3 |
| Day 13 | OP3.4 | Describe the aetiology, pathophysiology, ocular features, differentialDiagnosis of Trachoma |
| Day 14 | OP3.5 | Describe the aetiology, pathophysiology, ocular features, differential Dx of Vernal catarrh |
| Day 15 | OP3.6 | Describe the aetiology, pathophysiology, ocular features, differentialDiagnosis of pterygium |
| Day 16 | OP3.9 | Demonstrate the correct technique of instillation of eye drops in a simulated environment |
| Day 17 | OP7.3 | Demonstrate the correct technique of ocular examination in a patientwith a cataract |
| Day 18 | OP7.3 |
| Day 19 | OP2.1 | Enumerate the causes, describe and discuss the aetiology, clinical presentations and diagnostic features of common conditions of the lid and adnexaAssessment |
| Day 20 | OP2.1 |

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| **Orthopaedics** |
| **DAY** | **COMPETENCY** |
| Day 1 | **Topic – Overview of Fractures**OR 1.1, OR 2.3 History taking in case of fracturesOR 2.5 to 2.13 Relevant clinical examination and investigationsOR 2.1 to 2.14 Management of different fractures |
| Day 2 | **TOPIC – OSTEOARTICULAR INFECTIONS**OR 4.1, OR 3.1 History taking and clinical examination in osteomyelitis/musculoskeletal infectionOR 3.1, OR 3.2, 3.3 Relevant investigation and proceduresOR 4.1 History taking and clinical examination in tuberculosis of Hip/Knee/Spine/other regions |
| Day 3 | **TOPIC – METABOLIC BONE DISORDERS**OR 7.1 Relevant history and clinical examination in Rickets & Osteomalacia |
| Day 4 | T**OPIC – BONE TUMOURS**OR- 10.1 Relevant history taking and examination of benign tumours & malignant tumours of bones |
| Day 5 | **TOPIC – PERIPHERAL NERVE INJURIES**OR 11.1 History taking and examination of peripheral nerve injuries (Foot Drop/Wrist Drop/Paralytic hand) |
| Day 6 | **TOPIC – CONGENITAL LESIONS**OR 12.1 Relevant history , examination and management of congenital lesions (Club foot/DDH/Torticollis/Spinal dysraphism) |
| Day 7 | **TOPIC – PROCEDURAL SKILLS**OR 13.1 Participate in a team for procedure in patients and demonstrating the ability to perform on simulated patients:* Below and above elbow slab and cast
* Below and above knee slab and cast
 |
| Day 8 | **TOPIC – PROCEDURAL SKILLS**OR 13.1 Participate in a team for procedure in patients and demonstrating the ability to perform on simulated patients:* Splints and tractions & other orthopaedic implants
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| Day 9 | **TOPIC** – **Radiographs/Doubt clearing** OR 2.10 & others  |
| Day 10 | **Ward Leaving/Assessment & Feedback** |

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| **Paediatrics** |
| **Day** | **Competencies** |
| Day 1 | Paediatrics: Introduction & History Taking in Paediatrics: Special Considerations Universal Immunization Program (PE19.6, 19.10, 19.11,19.12 ) |
| Day 2 | Paediatrics: Developmental Assessment of a Child (PE 1.7) |
| Day 3 | Paediatrics: Nutritional Assessment of a Child (PE 8.4, 9.4,9.5, 9.7)Paediatrics: Anthropometry and its Interpretation (PE 1.4) |
| Day 4 | Paediatrics: General Physical Examination |
| Day 5 | Paediatrics: History and Examination of Symptoms Pertaining to Abdomen (PE 21.8, 21.9, 26.5, 26.6, 26.7)Paediatrics: Evaluation of a Child with Diarrhea (PE 24.9, 24.10) |
| Day 6 | Paediatrics: History and Examination of Cardiovascular System (PE 23.7, 23.8, 23.9, 23.10) |
| Day 7 | Paediatrics: History and Examination of Respiratory system (PE 28.9, 28.10, 28.11, 28.12, 28.13, 31.2, 31.6) |
| Day 8 | Paediatrics: History and Examination of a Child with Hemato-oncological disorder (PE 29.10, 29.11, 29.12) |
| Day 9 | Paediatrics: History and examination of CNS (PE 30.17, 30.18, 30.19) |
| Day 10 | Paediatrics: Assessment |

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| **Psychiatry** |
| **Day** | **Competencies** |
| Day 1 | PS1.1 Establish rapport and empathy with patientsPS1.2 Describe the components of communicationPS2.1 Define stress and describe its components and causes |
| Day 2 | PS2.2 Describe the role of time management, study skills, balanced diet and sleep wake habits in stress avoidancePS2.5 Define and distinguish normality and abnormalityPS3.2 Enumerate, describe and discuss important signs & symptoms of common mental disorders K KH Y Lecture, Small group discussion Written/ Viva voce |
| Day 3 | PS3.3 Elicit, present and document a history in patients presenting with a mental disorderPS3.7 Enumerate and describe common organic psychiatric disorders, magnitude, etiology and clinical featuresPS3.10 Enumerate and describe the pharmacologic basis and side effects of drugs used in psychiatric disorders |
| Day 4 | PS3.12 Describe, discuss and distinguish psychotic & non-psychotic group (Mood, Anxiety, Stress related) disorders.PS4.2 Elicit, describe and document clinical features of alcohol and substance use disordersPS4.4 Describe the treatment of alcohol and substance abuse disorders including behavioural and pharmacologic therapy |
| Day 5 | PS4.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in alcohol and substance abusePS5.2 Enumerate, elicit, describe and document clinical features, positive syPS5.5 Enumerate and describe the pharmacologic basis and side effects of drugs used in schizophrenia |
| Day 6 | PS6.2 Enumerate, elicit, describe and document clinical features inpatients with depressionPS6.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in depressionPS7.2 Enumerate, elicit, describe and document clinical features inpatients with bipolar disorders |
| Day 7 | PS7.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in bipolar disordersPS8.2 Enumerate, elicit, describe and document clinical features inpatients with anxiety disordersPS8.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in anxiety disorders |
| Day 8 | PS9.2 Enumerate, elicit, describe and document clinical features in stress related disordersPS9.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in stress related disordersPS12.2 Enumerate, elicit, describe and document clinical features inpatients with magnitude and etiology of psychosomatic disorders |
| Day 9 | PS12.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in psychosomatic disordersPS14.2 Enumerate, elicit, describe and document clinical features in patients with psychiatric disorders occurring in childhood and adolescencePS16.1 Enumerate and describe common psychiatric disorders in the elderly including dementia, depression and psychosis |
| Day 10 | PS16.3 Describe the therapy of psychiatric illness in elderly including psychosocial and behavioural therapyPS17.1 Enumerate and describe the recognition and clinical presentation of Psychiatric emergencies (Suicide, Deliberate Self Harm, Violent behaviour)PS18.1 Enumerate the indications and describe the pharmacology, dose and side effects of commonly use drugs in psychiatric disordersAssessment |

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| **Radiology** |
| **S. No.** | **Competencies** | **Suggested teaching learning method** |
| Day-1 | RD1.1, RD1.2 & RD1.12: Introduction to the Radiology Department: Various Radiological equipment’s, basics of Radio physics & radiation protection | Demonstration |
| Day-2 | RD1.3 & RD 1.11: Various radiological investigations, indications, patient preparation and imaging findings in common pertaining to disorders of ENT | Demonstration |
| Day-3 | RD1.4, RD1.11 & RD1.13: Various radiological investigations, indications, patient preparation and imaging findings in common conditions pertaining to disorders of Obstetrics & Gynaecology & PC-PNDT | Demonstration |
| Day-4 | RD1.5 & RD1.11: Various radiological investigations, indications, patient preparation and imaging findings in common conditions pertaining to internal medicine | Demonstration |
| Day-5 | RD1.6 & RD1.11: Various radiological investigations, indications, patient preparation and imaging findings in common condition pertaining to surgery | Demonstration |
| Day-6 | RD1.7 & RD1.11: Various radiological investigations, indications, patient preparation and imaging findings in common conditions pertaining to disorders of pediatric age group | Demonstration |
| Day-7 | RD1.8 & RD1.11: Various radiological investigations, indications, patient preparation and imaging findings in common conditions pertaining to common malignancies | Demonstration |
| Day-8 | RD1.9 & RD1.10: Interventional Radiology & emergency radiology | Small group discussion |
| Day-9 | RD1.9 & RD1.10: Interventional Radiology & emergency radiology | Small group discussion |
| Day-10 | Internal Assessment |  |

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| Respiratory medicine |
| Day | **Number** | **Competencies** |
| 1 | **CT1.4** | Describe the epidemiology, the predisposing factors and microbialand therapeutic factors that determine resistance to drugs |
| 2 | CT1.5 | Elicit, document and present an appropriate medical history thatincludes risk factor, contacts, symptoms including cough and feverCNS and other manifestations |
| 3 | CT1.6 | Demonstrate and perform a systematic examination that establishesthe diagnosis based on the clinical presentation that includes a a)general examination, b) examination of the chest and lung includingloss 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 CNSexamination |
| 4 | CT1.11 | Assist in the performance, outline the correct tests that require to beperformed and interpret the results of a pleural fluid aspiration |
| 5 | CT1.15 | Prescribe an appropriate antituberculosis regimen based on thelocation of disease, smear positivity and negativity and comorbiditiesbased on current national guidelines including directlyobserved tuberculosis therapy (DOTS) |
| 6 | CT1.18 | Educate health care workers on National Program of Tuberculosisand administering and monitoring the DOTS program |
| 7 | CT2.8 | Elicit document and present a medical history that will differentiatethe aetiologies of obstructive airway disease, severity andprecipitants |
| 8 | CT2.9 | Perform a systematic examination that establishes the diagnosisand severity that includes measurement of respiratory rate, level ofrespiratory distress, effort tolerance, breath sounds, added sounds,identification of signs of consolidation pleural effusion andpneumothorax |
| 9 | CT2.10 | Generate a differential diagnosis and prioritise based on clinicalFeatures that suggest a specific aetiology. |
| 10 | CT2.22CT2.23 | Demonstrate and counsel patient on the correct use of inhalersCommunicate diagnosis treatment plan and subsequent follow upplan to patientsAssessment |

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| **Surgery** |
| **Day** | **Competencies** |
| Day 1 | **Topic: Wound healing and wound care**SU5.2 Elicit, document and present a history in a patient presenting with wounds.Learning objectives1. History taking in a case of ulcer
2. Examination of an ulcer
3. Discussion of a case of diabetic foot ulcer
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| Day 2 | **Topic: Skin and subcutaneous tissue**SU18.3 Describe and demonstrate the clinical examination of surgical patient including swelling and order relevant investigation for diagnosis. Describe and discuss appropriate treatment plan.Learning objectives1. History taking in a case with complaints of swelling
2. Clinical methods of examination of a swelling
3. Discussion of a case of Lipoma
 |
| Day 3 | **Topic: Endocrine General Surgery: Thyroid and parathyroid**SU22.3 Demonstrate and document the correct clinical examination of thyroid swellings and discus the differential diagnosis and their management1. History taking in a case of thyroid swelling
2. Examination of a thyroid swelling
3. Discussion of a case of multinodular goitre
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| Day 4 | **Topic: Breast**SU25.3 Describe the etiopathogenesis, clinical features, Investigations andprinciples of treatment of benign and malignant tumours of breast1. History taking in a case of lump in the breast
2. Examination of a breast lump
3. Triple assessment and diagnostic work up of breast lump
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| Day 5 | **Topic: Disorders of salivary glands**SU21.1 Describe surgical anatomy of the salivary glands, pathology, andclinical presentation of disorders of salivary glandsLearning objectives1. History taking in a case with parotid swelling
2. Clinical methods of examination of parotid swelling
3. Discussion of a case of pleomorphic adenoma
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| Day 6 | **Topic: Vascular diseases**SU27.1 Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease.1. History taking in a case of peripheral vascular disease
2. Examination of a case of peripheral vascular disease
3. Discussion of a case of Burgers disease
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| Day 7 | SU27.6 Describe pathophysiology, clinical features, Investigations andprinciples of management of DVT and Varicose veins1. History taking of a case with varicose veins
2. Examination of a case of varicose veins
3. Discussion of a case with varicose veins
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| Day 8 | SU27.8 Demonstrate the correct examination of the lymphatic system1. History taking in a case of lymphadenopathy
2. Examination of a case of lymphadenopathy
3. Discussion of a case of tubercular lymphadenitis
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| Day 9 | **Topic: Abdomen**SU28.2 Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias1. History taking in a case of inguinal hernia
2. Examination of a case of inguinal hernia
3. Discussion of a case with inguinal hernia
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| Day 10 | SU28.18 Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan1. History taking in a case of abdominal lump
2. Examination of a case of abdominal lump
3. Discussion of a case of abdominal lump
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| Day 11 | SU28.10 Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver1. History taking in a case of hepatomegaly
2. Examination of a case of hepatomegaly
3. Discussion of a case of hepatomegaly
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| Day 12 | SU28.12 Describe the applied anatomy of biliary system. Describe the clinical features, investigations and principles of management of diseases of biliary system1. History taking of a case of gall bladder lump
2. Examination of a case of gall bladder lump
3. Discussion of a case of GB lump
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| Day 13 | SU28.15 Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.1. History taking of a case of lump in right iliac fossa
2. Examination of a case with lump in right iliac fossa
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| Day 14 | **Topic : Anorectal disorders**SU28.17 Describe the clinical features, investigations and principles of management of common anorectal diseases1. History taking in a case of anorectal disorder
2. Examination of a case of anorectal disorder
3. Discussion of a case of anal fistula
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| Day 15 | **Topic: Urogenital system**SU29.4 Describe the clinical features, investigations and principles of management of hydronephrosis1.History taking in a case of renal lump2.Examination of a case of renal lump3.Discussion of a case of renal lump |
| Day 16 | SU29.7 Describe the principles of management of acute and chronic retention of urine1.History taking in a case of suprapubic lump2.Examination of a case of suprapubic lump3.Discussion of a case of chronic retention of urine |
| Day 17 | SU29.9 Describe the clinical features, investigations and principles of management of disorders of prostate1.History taking in a case with lower urinary tract symptoms2.Examination of a case of lower urinary tract symptoms3.Discussion of a case of benign enlargement of prostate |
| Day 18 | SU30.5 Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele1.History taking in a case of scrotal swelling2.Examination of a case of scrotal swelling3.Discussion of a case of hydrocele |
| Day 19 | SU30.6 Describe classification, clinical features, investigations and principles of management of tumours of testis1.History taking in a case of testicular mass2.Examination of a case of testicular mass3.Discussion of a case of testicular tumor |
| Day 20 | SU28.4 Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors1.History taking in a case of retroperitoneal mass2.Examination of a case of retroperitoneal mass3.Discussion of a case of retroperitoneal tumorAssessment |