Teaching schedule of MBBS Batch 2021

March		8-9am	9-10am	10-11am	11-12pm	12-1pm	2-3pm	3-4pm
01/03/2023	Wednesday	Lecture, MI 1.1 Introduction and history - 1. History of Microbiology 2. Contributions of various scientists towards Microbiology 3. Koch's Postulate	Clinical posting			Lecture, MI 1.1 Bacterial taxonomy & Morphology of bacteria	DOAP (DEMONSTRATE OBSERVE ASSISST & PERFORM) MI 1.2 (Practical) Microscopy AND Hand Hygine & PPE AND Book Demonstration - 1. How to use a microscope 2. How to care for a microscope 3. How to perform Hand Hygiene 4. Five moments of Hand Hygiene 5. Donning and Doffing of PPE 6. Introduced to the the different textbooks available	SDL (SELF DIRECTED LEARNING – where students has to search for various sources and gather knowledge about the given topic): Physiology of Bacteria
02/03/2023	Thursday	IM 9.1 Define, describe and classify anemia based on red blood cell size and reticulocyte count AETIO - Pathology IM 9.2 Describe and discuss the morphological characteristics, aetiology and prevalence of each of the causes of anemia AETIO - Pathology	Clinical posting			Lecture PA1.2-Enumerate common definitions and terms used in Pathology; PA1.3- Describe the history and evolution	SGD PA1.1-Describe the role of a pathologist in diagnosis and management of disease (Tour)	
03/03/2023	Friday	SU1.1 Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators VERTICAL INTEGRATION with Physiology, Biochemistry				Lecture : PH1.1 Define and describe the principles of pharmacology and pharmacotherapeutics	Practical PH1.11Describe various routes of drug administration, eg., oral, SC, IV, IM, SL	Practical: PH1.9 Describe nomenclature of drugs i.e. generic, branded drugs
04/03/2023	Saturday	OG2.1 Describe & Discuss the development of female reproductive tract	Lecture PA2.1 Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significanceand PA2.2 Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms: morphology of cell injury	Practical : PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL	Practical PH1.3 Enumerate and identify drug formulations and drug delivery systems	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems		

(Dr. Kamlesh Gang)

10.3.23

05/03/2023	Sunday							
06/03/2023	Monday	Lecture PA 2.7 Describe and discuss the mechanisms of cellular aging and apoptosis.	Clinical posting			CM 7.1Define Epidemiology and describe and enumerate the principles, concepts and uses.	SGD,DOAP PA2.3 Intracellular accumulation of fats, proteins, carbohydrates,pigments	SGD,DOAP PA2.5 Describe and discuss pathologic calcifications, gangrene
07/03/2023	Tuesday	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems				Lecture: FM 1.1 -Orientation & Introduction to Forensic Medicine. Discuss the Basics of Forensic Medicine including definitions and History.	Lecture MI 1.1 Bacterial Genetics 1. General principles of Bacterial genetics 2. Types of mutation 3. Mechanism of Gene transfer 4. Definition, types & Uses of Plasmids 5. Mechanisms of drug resistance in Bacteria	SGD: Types of Culture media and culture methods 1. Demo of Culture media 2. Demo of Growth showing Different inoculation methods - Streak, Liquid, lawn and stab culture. 3.Basic difference between enriched media, enrichment media, selective media, differential media, indicator media & examples of these media.
08/03/2023	Wednesday	Holiday						
09/03/2023	Thursday	IM 9.7 Describe and discuss the meaning and utility of various components of the hemogram AITO - Pathology IM 9.8 Describe and discuss the various tests for iron deficiency AITO - Pathology	Clinical posting			Lecture PA2.4 Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis	SGD,DOAP PA2.6 Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia	SGD,DOAP PA2.6 Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia
10/03/2023	Friday	SU1.2 Describe the factors that affect the metabolic response to injury.				Lecture PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems
11/03/2023	Saturday	OG2.1 Describe & discuss the Anatomy of female reproductive tract, relationship to other pelvic organs, applied Anatomy as related to Obstetrics & Gynecology.	Lecture PA 2.7 Describe and discuss the mechanisms of cellular aging and apoptosis	Lecture PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	CM 9.2Define Calculate and interpret demographic Indicators including birth rate , death rates & fertility indicators	CM 9.2Define Calculate and interpret demographic Indicators including birth rate , death rates & fertility indicators		
12/03/2023	Sunday							
13/03/2023	Monday	Lecture PA3.1 Describe the pathogenesis and pathology of amyloidosis	Clinical posting			CM 7.5(A)Descriptive Epidemiology	SGD,DOAP PA3.1 Describe the pathogenesis and pathology of amyloidosis	Charts and specimens Gangrene, Mycetoma, Trichobezoar

14/03/2023	Tuesday	Lecture PH1.2 Describe the basis of Evidence based medicine and Therapeutic drug monitoring		Lecture FM 1.1 - 1.5. Legal Procedural laws. Enumerate Courts in India and their powers. Discuss the Court procedures.Discuss Perjury, Dying Declaration & Dying Deposition.	DOAP MI 1.1 (Practical) Morphology of common bacteria, bacterial growth curve AND Gram Staining-1 1. Perform Grams staining under supervision 2. Identify Gram positive and Gram-negative Bacteria 3. Identify budding Yeast cells 4. Identify Capsule in Cryptococcus 5. Concept of Bacterial growth curve	SGD: Types of Culture media and culture methods 1. Demo of Culture media 2. Demo of Growth showing Different inoculation methods - Streak, Liquid, lawn and stab culture. 3.Basic difference between enriched media, enrichment media, selective media, differential media, indicator media & examples of these media.
15/03/2023	Wednesday	Lecture: MI 1.1 Pathogenicity of bacterial infections 1. Modes of transmission of infectious diseases 2. Virulence factors 3. Differences between exotoxins and endotoxins	Clinical posting	Lecture. MI 1.6 Antimicrobials: Antimicrobial agents, antimicrobial resistance (integrate with pharmacology), Antimicrobial susceptibility testing, Antimicrobial stewardship	SGD MI 8.9 Laboratory diagnosis of bacterial infections 1 & 2: Specimen collection and transport - 1. Aseptic collection of different samples based on the type of infection suspected 2. Transport of various specimens & Various transport media	DOAP: CULTURE exercise series 1: (sputum/pus – for GPC /urine/blood – fro GNB) Spotters with respect to sample transportation sample rejection criteria and Basic microscopic and culture techniques - Sample cross contamination experiment Smear preparation
16/03/2023	Thursday	IM 9.11 Describe the indications and interpret the results of a bone marrow aspirations and biopsy AITO - Pathology IM 9.12 Describe, develop a diagnostic plan to determine the aetiology of Anemia AITO – Pathology IM 9.21 Determine the need for specialist consultation AITO – Pathology		Lecture PA4.1 Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events and PA4.2 Enumerate and describe the mediators of acute inflammation	SGD, DOAP 4.4 Identify and describe acute and chronic inflammation in gross and microscopic specimens	DOAP : Acute and chronic inflammation charts and specimens- chronic cholecystitis, acute appendicitis.
17/03/2023	Friday	SU2.1 Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring. VERTICAL INTEGRATION with Pathology, Physiology.		Lecture PH1.5 Describe general principles of mechanism of drug action	Lecture PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems

18/03/2023	Saturday	OG3.1 Describe the Physiology of menstruation	Lecture PA 4.3 Define and describe chronic inflammation including causes. Types non-specific and granulomatous; and enumerate examples of each	Lecture PH1.5 Describe general principles of mechanism of drug action	PRACTICAL DOAP (Dying declaration) FM 14.20 Record and certify dying declaration in a simulated/ supervised environment FM 14.20. Discuss recording and certification of dying declaration in a simulated/ supervised environment. Discuss Perjury. Dying Declaration and Dying Deposition	PRACTICAL DOAP (Dying declaration) FM 14.20 Record and certify dying declaration in a simulated/ supervised environment FM 14.20. Discuss recording and certification of dying declaration in a simulated/ supervised environment. Discuss Perjury, Dying Declaration and Dying Deposition		
19/03/2023	Sunday							
20/03/2023	Monday	Lecture PA5.1 Define and describe the process of repair and regeneration including wound healing and its types	Clinical posting			CM 7.5 (B) Analytical Epidemiology (Case Control)	SGD PA6.4 Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis	SGD PA 6.5 Define and describe embolism and its causes and common types
21/03/2023	Tuesday	Lecture PH1.63 Describe Drug Regulations, acts and other legal aspects	Clinical posting			SGD FM 1.5 - 1.8. Describe and discuss Conduct of doctor in witness box and Court strictures vis-a- vis Medical Officer. FM 14.22. Discuss giving expert medical/ medico-legal evidence in Court of law	SGD, MI 1.2 Laboratory Diagnosis of bacterial infections series 2/5: Direct Detection (Staining techniques and others)	DOAP: CULTURE exercise series 2/5: 1. Demo of Gram stain of sputum. 2. Demo of stained pus smear 3. Demo of Inoculation of pus, sputum, urine and positive blood culture bottle on culture media. 4.Incubation methods including McIntosh and Filde's anerobic Jar

22/03/2023	Wednesday	Lecture, MI 1.1 Overview of Gram-Positive Bacterial Infections: Staphylococcus 1. Enumerate and briefly discuss type of infection 2. Pathogenicity 3. Laboratory Diagnosis 4. Treatment	Clinical posting			Lecture, MI 1.1 Overview of Gram-Positive Bacterial Infections: Streptococcus 1. Enumerate and briefly discuss type of infection 2. Pathogenicity 3. Laboratory Diagnosis 4. Treatment	SGD, MI 1.1 Laboratory diagnosis of bacterial infections 3:Culture media and culture methods - 1.Types of different bacterial culture media and their use a)Basic difference between enriched media, enrichment media, selective media, differential media, indicator media & examples of these media. b) Compostion and used of different liquid media and soild media. 2.Types of different culture methods a) Methodsof culture b) Principle & use of McIntosh and Filde's anerobic Jar c) Principle & Uses of cooked meat broth.	DOAP: CULTURE exercise series 3: (special attention to GPC – Staph & Strep) Reading the culture plates Biochemical tests inoculation Demonstration of AST
23/03/2023	Thursday	IM 9.14 Describe the national programs for anemia prevention AITO - Pharmacology, Community Medicine	Clinical posting			Lecture PA 6.1 and 6.2 PA6.1 Define and describe edema, its types, pathogenesis and clinical correlations PA6.2 Define and describe hyperemia, congestion, hemorrhage	SGD PA 6.6 Define and describe Ischaemia/infarction its types, etiology, morphologic changes and clinical effects	SGD,DOAP PA6.7 Identify and describe the gross and microscopic features of infarction in a pathologic specimen and charts
24/03/2023	Friday	SU2.2 Describe the clinical features of shock and its appropriate treatment.	Clinical posting			Lecture PH1.5 Describe general principles of mechanism of drug action	SGD : PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	Practical : PH1.3 Enumerate and identify drug formulations and drug delivery systems
25/03/2023	Saturday	OG3.1 Describe the physiology of ovulation, fertilization, implantation and gametogenesis	Lecture PA6.3 Define and describe shock, its pathogenesis and its stages	Lecture PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	Practical : PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL	Practical : PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL		
26/03/2023	Sunday							
27/03/2023	Monday	Lecture PA7.1 Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from maignant neoplams	Clinical posting			CM 7.5 (C) Analytical Epidemiology (Cohort study)	SGD PA 7.4 PA7.4 Describe the effects of tumor on the host including paraneoplastic syndrome (Charts)	SGD PA 7.5 Describe immunology and the immune response to cancer
28/03/2023	Tuesday	Lecture PH1.5 Describe general principles of mechanism of drug action	Clinical posting			Lecture FM 2.1, 2.4 -7. Define, describe and discuss death and its types. Moment of death, modes of death - coma, asphyxia and syncope. Discuss Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and ethical issues regarding organ donation.	Lecture: Overview of anaerobic infection	Lecture: Overview of anaerobic infection

29/03/2023	Wednesday	Lecture, MI 1.1 Overview of Gram-Negative Bacterial Infections- (E coli, Klebsiella, Salmonella, Shigella) 1. Enumerate and briefly discuss Enterobacteriacea infection 2. Infections caused by the family 3. Identification features	Clinical posting			Lecture, MI 1.1 Overview of Gram-Negative Bacterial Infections- (Vibrio, Pseudomonas, Acinetobacter, and other non-fermenters) 1. Enumerate and briefly discuss Enterobacteriacea infection 2. Infections caused by them 3. Identification features	SGD, MI 1.1 Laboratory diagnosis of bacterial infections series 4/5: Gram negative bacilli (E coli, Klebsiella, Salmonella, Shigella) - 1. Discuss clinical case and laboratory diagnosis	DOAP: CULTURE exercise series 4/5: Culture reading and further processing (E coli, Klebsiella, Salmonella, Shigella) - Reading the culture plates Biochemical tests Demonstration of AST
30/03/2023	Thursday							
31/03/2023	Friday	SU3.1 Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion. VERTICAL INTEGRATION with Pathology	Clinical posting			Lecture : PH1.7 Define, identify and describe the management of adverse drug reactions (ADR)	SGD : PH1.4 Describe absorption, distribution, metabolism & excretion of drugs	FORMATIVE ASSESSMENT
April								
01/04/2023	Saturday	OG4.1 Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development	Lecture PA7.2 Describe the molecular basis of cancer PA7.3 Enumerate carcinogens and describe the process of carcinogenesis	Lecture PH1.13 Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs	CM 7.3 Enumerate ,Describe and discuss the sources of epidemiological data CM 7.4 Morbidity and Mortality Indicators	CM 7.3 Enumerate ,Describe and discuss the sources of epidemiological data CM 7.4 Morbidity and Mortality Indicators		
02/04/2023	Sunday							
03/04/2023	Monday	Lecture PA 9.1 Describe the principles and mechanisms involved in immunity	Clinical posting			CM 7.5 (C) Analytical Epidemiology (Experimental Study)	SGD PA 8.1 Describe the diagnostic role of cytology and its application in clinical care	SGD/ DOAP PA8.2 Describe the basis of exfoliative cytology including the technique & stains used
04/04/2023	Tuesday	Holiday						
05/04/2023	Wednesday	Lecture, MI 1.1 General virology 1. Size, shape & symmetry of virus 2. Replication of virus 3. Laboratory diagnosis of viral infections	Clinical posting			Lecture, MI 1.1 Overview of DNA Viral infections Enumerate and briefly discuss DNA Viral Infections	SGD, MI 1.1 Laboratory diagnosis of bacterial infections series 5/5: (Vibrio, Pseudomonas, Acinetobacter, and other non-fermenters) - 1. Discuss clinical case and laboratory diagnosis	DOAP: CULTURE exercise series 5/5: Culture reading and further processing of GN bacilli, (Vibrio, Pseudomonas, Acinetobacter, and other non-fermenters) - Reading the culture plates Biochemical tests Demonstration of AST

06/04/2023	Thursday	IM 9.17 Describe the indications for blood transfusion and the appropriate use of blood components AITO - Pathology IM 9.18 Describe the precautions required necessary when performing a blood transfusion	Clinical posting			Lecture PA9.2 Describe the mechanism of hypersensitivity reactions	SGD, DOAP PA8.3 Observe a diagnostic cytology and its staining and interpret the specimen	SGD, DOAP PA8.3 Observe a diagnostic cytology and its staining and interpret the specimen
07/04/2023	Friday	Holiday						
08/04/2023	Saturday	OG4.1 Describe and discuss the anatomy and physiology of placenta	Lecture PA 9.3 Describe the HLA system and the immune principles involved in transplant and mechanism of transplant rejection	Lecture PH1.13 Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs	Lecture FM 2.8. Enumerate, describe and discuss Post mortem changes including signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening and heat stiffening	Lecture FM 2.8. Enumerate, describe and discuss Post mortem changes including signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening and heat stiffening		
09/04/2023	Sunday							
10/04/2023	Monday	Lecture PA9.4 Define autoimmunity. Enumerate autoimmune disorders	Clinical posting			CM 7.2 describe and discuss Infectious Disease Epidemiology	SGD, PA9.7 Define and describe the pathogenesis of other common autoimmune diseases	SGD PA 10.2 Define and describe the pathogenesis and pathology of cysticercosis
11/04/2023	Tuesday	Lecture PH1.56 Describe basic aspects of Geriatric and Pediatric pharmacology	Clinical posting			Lecture FM 2.9. Describe and discuss Putrefaction, mummification, adipocere and maceration. FM 2.10. Discuss Estimation of time since death	SGD, MI 1.1 Overview of RNA Viral Infections - Enumerate and briefly discuss RNA Viral Infections	DOAP MI 1.1 Laboratory diagnosis of viral infections—microscopy, cultivation, serology, molecular tests 1. Identify Tissue Culture Bottle 2. Identify and understand various serological test (Rapid and ELISA) for viral infections

12/04/2023	Wednesday	Lecture, MI 1.1 General parasitology 1. Classification of Parasites 2. Parasite - Host Relationship 3. Laboratory Diagnosis of feacal samples and blood samples	Clinical posting			Lecture, MI 1.1 Overview of parasitic infection - PROTOZOAN 1. Enumerate and briefly discuss Protozoan Infections	SGD: Helminthology- 1. Enumerate and briefly discuss Helminthic Infections	DOAP MI 1.1 (Practical) Laboratory diagnosis of parasitic infections Stool microscopy-1, Peripheral blood smear-1 - 1. Identify Ova and Cyst of common parasitic infections 2. Identify Normal findings in stool microscopy 3. Demo of wet mounts for stool 4. Identify different stages of Plasmodium vivax and Plasmodium falciparum seen in Peripheral smears
13/04/2023	Thursday	IM 4.1 Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response AITO - Microbiology IM 4.2 Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel AITO - Microbiology	Clinical posting			Lecture PA9.5 Define and describe the pathogenesis of systemic Lupus Erythematosus	SGD PA 10.3 Define and describe the pathogenesis and pathology of leprosy	SDL 10.4 Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases
14/04/2023	Friday	SU14.1 Describe Aseptic technique, sterilization and disinfection. VERTICAL INTEGRATION with Microbiology	Clinical posting			Lecture PH1.13 Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs	SGD PH1.5 Describe general principles of mechanism of drug action	Practical PH1.10 Describe parts of a correct, complete and legible generic prescription. Identify errors in prescription and correct appropriately
15/04/2023	Saturday	OG4.1 Describe and discuss the teratogenesis	Lecture PA9.6 Define and describe the pathogenesis and pathology of HIV and AIDS	Lecture PH1.13 Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs	DOAP PH2.1 Demonstrate understanding of the use of various dosage forms (oral/local/parenteral; solid/liquid)	Skill station PH3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient		

16/04/2023	Sunday							
17/04/2023	Monday	AITO Lecture PA10.1 Define and describe the pathogenesis and pathology of malaria	Clinical posting			CM 7.2 Enumerate, describe and discuss the modes of transmission of Communicable diseases and the measures for prevention and control of transmission of Communicable diseases	SGD PA 11.1 Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	SGD PA 11.2 Describe the pathogenesis and pathology of tumor and tumour-like conditions in infancy and childhood
18/04/2023	Tuesday	Lecture PH 1.61 and discuss dietary supplements and nutraceuticals	Clinical posting			SDL: FM 1.9 - 1.11. Describe Medicolegal Documentation. Discuss Certification of Cause of death. AITO – MEDICINE	Lecture: Sterilization and Disinfection	Lecture: Sterilization and Disinfection
19/04/2023	Wednesday	Lecture. MI 1.1 General mycology and overview of fungal infections - Yeast and Yeast like fungal agents and their infections - 1.Classification of fungus 2.laboratory diagnosis of various fungal infections	Clinical posting			Lecture: Molds and their significance (Excluding dimorphic) - 1. Enumerate important fungus causing human infection 2. Identifying features	SGD: Systemic Fungal infections (Dimorphic fungus) - 1. Enumerate fungus causing systemic mycosis	DOAP MI 1.1, 1.2 (Practical) Laboratory diagnosis of fungal infections—KOH mount, Gram stain (yeast), India ink, LPCB mount - 2. Identifying features 1. Identify Budding Yeast, Septate and Aseptate Hyphae in KOH Mount 2. Identify Budding Yeast cells in Gram staining 3. Identify Capsule of Cryptococcus on India Ink 4. Identify Aspergillus in LPCB 5. Identify culture morphology of Candida, Cryptococcus, Aspergillus flavus, Aspergillus fumigatus and Aspergillus niger
20/04/2023	Thursday	IM 4.3 Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue) AITO - Microbiology, Community Medicine	Clinical posting			Formative assessment 1	SDL PA 12.1 Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol	SDL 12.2 Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation
21/04/2023	Friday	SU14.2 Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general	Clinical posting			Lecture PH1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs	SGD PH1.13 Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs	DOAP PH2.2 Prepare oral rehydration solution from ORS packet and explain its use
22/04/2023	Saturday							
23/04/2023	Sunday							

24/04/2023	Monday	Lecture PA 11.3 Describe the pathogenesis of common storage disorders in infancy and childhood	Clinical posting	C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Respiratory Infections including Small Pox, Chickenpox, Measles	SDL PA12.3 Describe the pathogenesis of obesity and its consequences	DOAP Charts : Infections, pediatric diseases, nutritional diseases
25/04/2023	Tuesday	Lecture PH1.62 Describe and discuss antiseptics and disinfectants	Clinical posting	Lecture FM 2.1. 2.4 -7. Discuss Presumption of death and survivorship. Discuss Suspended animation. FM 2.2 - 2.3. Discuss Natural and unnatural deaths. Describe and discuss issues related to sudden natural deaths	SGD: laboratory diagnosis of pulmonary TB - 1. Discuss clinical presentation, collection of samples, conventional, automated and molecular techniques for diagnosis	DOAP MI 1.1 Acid fast Stain-1 - 1. Demo of ZN Stain 2. Identify Acid Fast Bacilli 3. Demo of growth of MTB on various media
26/04/2023	Wednesday	Lecture: MI 1.1 Normal human microbiota -1. Role of normal flora in human body 2. Resident flora in various sites of the body (Skin, Respiratory Tract and Gastro intestinal Tract)	Clinical posting	Lecture: MI 1.3 Epidemiology of infectious diseases - 1.Types of infection and their definition 2.Types of carriers and their definitions. 3. Epidemiological determinants of Disease Causation (Agent, Host and Environment)	SGD: laboratory diagnosis of extra pulmonary TB - 1. Discuss clinical presentation, collection of samples, conventional, automated and molecular techniques for diagnosis	DOAP MI 1.1 Acid fast Stain-1 - 1. Perform ZN Stain 2. Report findings
27/04/2023	Thursday	IM 4.3 Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including (Chikungunya) AITO - Microbiology, Community Medicine bacterial, parasitic and viral causes	Clinical posting	AITO Lecture PA 13.3 Define and classify anemia and 13.4 Enumerate and describe the investigation of anemia	SDG PA 13.1 Describe hematopoiesis and extramedullary hematopoiesis, Charts and Specimen	SDG PA 13.2 Describe the role of anticoagulants in hematology , Charts and Specimen
28/04/2023	Friday	SU4.1 Elicit document and present history in a case of Burns and perform physical examination. Describe Pathophysiology of Burns. VERTICAL INTEGRATION with Physiology.	Clinical posting	Lecture PH1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs	SGD PH1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs	FORMATIVE ASSESSMENT

29/04/2023	Saturday	OG5.1 Identify pre-existing medical disorders and discuss their importance in pre-conception counselling	Lecture PA14.1 Describe iron metabolism and 14.2 Describe the etiology, investigations and differential diagnosis of microcytic hypochromic anemia	Lecture PH1.16 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine	Practical DOAP FM 2.11 - 2.14. Autopsy - aims, objectives, types, procedures. Obscure autopsy. Examination of clothing, preservation of viscera on post-mortem examination for chemical analysis and other medico-legal purposes. Post-mortem artefacts. POSTMORTEM DEMONSTRATION	Practical DOAP FM 2.11 - 2.14. Autopsy - aims, objectives, types, procedures. Obscure autopsy. Examination of clothing, preservation of viscera on post-mortem examination for chemical analysis and other medico-legal purposes. Post-mortem artefacts. POSTMORTEM DEMONSTRATION		
30/04/2023	Sunday							
May								
01/05/2023	Monday	Lecture PA14.1 Describe iron metabolism and 14.2 Describe the etiology, investigations and differential diagnosis of microcytic hypochromic anemia	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Respiratory Infections including Mumps & Rubella	DOAP PA 13.5 Perform, Identify and describe the peripheral blood picture in anemia	DOAP PA 14.3 Identify and describe the peripheral smear in microcytic anemia
02/05/2023	Tuesday	Lecture PH1.54 Describe vaccines and their uses	Clinical posting			Lecture FM 4.11 - 12. Discuss Euthanasia. Discuss Stem cell research - legal and ethical issues. FM 4.16 - 17. Discuss Bioethics. Discuss Ethical Principles: Respect for autonomy, non- malfeasance, beneficence & justice. AITO – AETCOM	Visit to CSSD	Visit to CSSD
03/05/2023	Wednesday	Lecture, MI 1.7 Immunity (innate and acquired)—immunological mechanisms in health - 1.Types of immunity 2.Mechanisms of immunity 3.Differences between T and B cells. 4.Clusters of differentiation (CD) 5.Killer cells and natural killer cells 6.Human Leucocyte Antigen (HLA) and the HLA complex	Clinical posting			Lecture, MI 1.8 Antibody - 1. Antibody structure 2. Immunoglobulin classes 3. Immunoglobulin specificities	SDL, MI 1.8 Antigen - 1.Types/Classes of antigen 2.Superantigens	Tutorial Immunity, Antigen and Antibody

04/05/2023	Thursday	IM 4.3 Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including (Typhus) AITO - Microbiology, Community Medicine bacterial, parasitic and viral causes	Clinical posting			Lecture PA 15.1 Describe the metabolism of Vitamin B12 and the etiology and pathogenesis of B12 deficiency and 15.2 Describe laboratory investigations of macrocytic anemia	SDG PA 15.4 Enumerate the differences and describe the etiology and Enumerate the differences and describe the etiology and distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia	DOAP PA 15.3 Identify and describe the peripheral blood picture of macrocytic anemia
05/05/2023	Friday							
06/05/2023	Saturday	OG5.1 Describe pre-conception counselling in a diabetic patient	AITO Lecture PA 16.1 Define and classify hemolytic anemia PA16.2 Describe the pathogenesis and clinical features and hematologic indices of hemolytic anemia	Lecture PH1.16 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine	DOAP PH2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment	Skill lab PH3.2 Perform and interpret a critical appraisal (audit) of a given prescription		
07/05/2023	Sunday							
08/05/2023	Monday	Lecture PA 16.3 Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases - Influenza , SARS))(Integrated with microbiology & Medicine)AITO	SGD PA17.2 Enumerate the indications and describe the findings in bone marrow aspiration and biopsy	SGD PA17.2 Enumerate the indications and describe the findings in bone marrow aspiration and biopsy
09/05/2023	Tuesday	Lecture PH1.51, PH1.52 Describe occupational and environmental pesticides, food adulterants, pollutants and insect repellents Describe management of common poisoning, insecticides, common sting and bites,	Clinical posting			Lecture FM 3.1. Describe Corpus Delicti. Discuss establishment of identity of living persons including race, Sex, religion, complexion, stature, age determination using morphology, teeth-eruption, decay, bite marks		

10/05/2023	Wednesday	Lecture MI 1.8 Antigen-antibody reaction-I - 1. Characteristics of antigen-antibody reactions. 2. Define qualitative and quantitative tests. 3. Precipitation reaction - Types and applications. 4. Agglutination reaction - Types and applications. 5. Complement fixation test and its applications. Immunoflorescence assay (IFA)-Types/principle/advantages.	Clinical posting			Lecture, MI 1.8 Antigen-antibody reaction-II - 1. ELISA - Principle/Types/uses. 2. Rapid tests - Principle/Types/uses. 3. CLIA (chemiluminescence Immunoassay) 4. Western blot and its applications. Enumerate newer techniques of antigen-antibody reactions with examples.	DOAP MI 1.8, 8.5 (Practical) Antigen-antibody reaction I - 1. Slide flocculation test - VDRL and RPR. 2. Tube flocculation test - Kahn test. 3. Elek's gel precipitation test. 4. Slide agglutination test - Salmonella serotyping 5. Tube agglutination test -WIDAL test. Latex agglutination test - C-reactive protein (CRP), Anti streptolysin O(ASO) titre for Streptococcus pyogenes	DOAP MI 1.8, 8.5 (Practical) Antigen-antibody reaction I - 1. Slide flocculation test - VDRL and RPR. 2. Tube flocculation test - Kahn test. 3. Elek's gel precipitation test. 4. Slide agglutination test - Salmonella serotyping 5. Tube agglutination test -WIDAL test. Latex agglutination test - C-reactive protein (CRP), Anti streptolysin O(ASO) titre for Streptococcus pyogenes
11/05/2023	Thursday	IM 4.4 Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever AITO – Microbiology	Clinical posting			Lecture PA 16.4 Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia	SDG PA16.5 Describe the peripheral blood picture in different hemolytic anaemias	SGD PA 21.5 Describe and define disseminated intravascular coagulation, its laboratory findings and diagnosis of vitamin K deficiency
12/05/2023	Friday	SU4.2 Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment.	Clinical posting			Lecture PH1.16 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine	SGD PH1.16 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine	DOAP PH2.4 Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations
13/05/2023	Saturday	OG5.1 Describe pre-conception counselling in a patient heart disease	Lecture PA 18.1 Enumerate and describe the causes of leucocytosis leucopenia lymphocytosis and leukemoid reactions	Lecture PH1.24 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues	CM 7.8 Describe the principles of association, causation and biases in epidemiological studies	CM 7.8 Describe the principles of association, causation and biases in epidemiological studies		
14/05/2023	Sunday							
15/05/2023	Monday	AITO Lecture PA`18.2 Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Meningococcal Meningitis ,Whooping Cough & Diphtheria	SGD.DOAP PA 17.1 Enumerate the etiology, pathogenesis and findings in aplastic anemia	SGD.DOAP Acute Leukemia

16/05/2023	Tuesday	Lecture PH 1.53 Describe heavy metal poisoning and chelating agents	Clinical posting	LectureFM 3.2. Discuss Identification of criminals, unknown persons, dead bodies from the remains-hairs, fibers, teeth, anthropometry,dactylography, foot prints, scars, tattoos, poroscopy and superimposition.	DOAP MI 1.8, 8.5 (Practical) Antigen-antibody reaction II - 1. Principle of ELISA. 2. Direct ELISA/Indirect ELISA/Sandwich ELISA/Competitive ELISA-advantages and disadvantages of each. 3. CLIA 4. IFA-Direct/Indirect. Western blot-Principle and application. 5. Rapid methods - Advantages and disadvantages. 6. Lateral flow immune-chromatographic assay - Principle/examples. 7. Flow through assays-principle/ examples. Demonstration of various tests wherever possible.	DOAP MI 1.8, 8.5 (Practical) Antigen-antibody reaction II - 1. Principle of ELISA. 2. Direct ELISA/Indirect ELISA/Sandwich ELISA/Competitive ELISA-advantages and disadvantages of each. 3. CLIA 4. IFA-Direct/Indirect. Western blot-Principle and application. 5. Rapid methods - Advantages and disadvantages. 6. Lateral flow immune-chromatographic assay - Principle/examples. 7. Flow through assays-principle/ examples. Demonstration of various tests wherever possible.
17/05/2023	Wednesday	Lecture MI 1.8 Immune responses: Antibody-mediated - 1. Definition of immune response and types. 2. Antigen presenting cells (APCs). 3. Humoral immune response - Primary/Secondary. 4. Biological effects of Antibody Mediated Immunity (AMI). Define adjuvants and immunosuppressive agents.	Clinical posting	Lecture, MI 1.8 Immune responses: Cell-mediated - 1. Effector cells of cell mediated immunity (CMI) 2. Antibody dependent cell mediated cell cytotoxicity (ADCC) 3. Methods of detection of CMI. 4. Role of CMI. Interdependence of AMI and CMI.	CM8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory test at the primary care level for communicable diseases.	CM8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory test at the primary care level for communicable diseases.
18/05/2023	Thursday	IM 4.5 Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies AITO - Pathology, Microbiology	Clinical posting	Lecture PA`18.2 Describe the etiology, genetics, pathogenesis classification, features, hematologic features of chronic leukemia	SGD. DOAP Chronic leukemia	DOAP WBC disorder charts

19/05/2023	Friday	SU4.3 Discuss the Medicolegal aspects in burn injuries	Clinical posting			Lecture PH1.25 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders	SGD PH1.16 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: anti-histaminics, 5-HT modulating drugs, NSAIDs, drugs for gout, anti-rheumatic drugs, drugs for migraine	Skill station PH3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient
20/05/2023	Saturday	OG5.2 Determine maternal high risk factors and their importance in comprehensive antenatal care	AITO Lecture 19.1 Enumerate the causes and describe the differentiating features of lymphadenopathyand 19.2 Describe the pathogenesis and pathology of tuberculous lymphadenitis	Lecture PH1.25 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders	PRACTICAL DOAP(Age estimation report writing FM 14.4 Conduct and prepare report of estimation of age of a person for medico-legal and other purposes & prepare medico-legal report in a simulated/ supervised environment	PRACTICAL DOAP(Age estimation report writing FM 14.4 Conduct and prepare report of estimation of age of a person for medico-legal and other purposes & prepare medico-legal report in a simulated/ supervised environment		
21/05/2023	Sunday							
22/05/2023	Monday	Lecture, PA 19.4 Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Acute Respiratory Illness (Including Programme)(Integrated with pediatrics)AITO	SGD.DOAP PA 19.3 Identify and describe the features of tuberculous lymphadenitis in a gross and microscopic specimen	SGD.DOAP PA 19.5 Identify and describe the features of Hodgkin's lymphoma in a gross and microscopic specimen
23/05/2023	Tuesday	Lecture PH1.64 Describe overview of drug development. Phases of clinical trials and Good Clinical Practice	Clinical posting			Lecture FM 14.23. Discuss Bones-ossification centres. Describe the importance of ossification of lower end of femur & upper end of tibia. FM 2.28. Discuss Age determination of foetus. Discuss Medico-legal aspects of age	Lecture, MI 1.8 Components of immune system-Organs, cells and products - 1. Lymphoid organs - Central/Peripheral. 2. Cluster of differentiation (CD) 3. Difference between T cells/B cells. 4. Null cells. Various cytokines and their importance	SGD, MI 1.8 Complement - 1. Properties and components of complement system. 2. Complement pathways - Classical, alternative and lectin pathways. 3. Biological effects of complement system. 4. Regulation of complement system. Enumerate complement deficiencies.

24/05/2023	Wednesday	Lecture, MI 1.10 Hypersensitivity (Integrated with Pathology) - 1. Hypersensitivity - Definition and classification. 2. Type I Hypersensitivity reaction - mechanism, manifestations and treatment. 3. Type II Hypersensitivity reaction. 4. Type III Hypersensitivity reaction - mechanism and types. 5. Type IV Hypersensitivity reaction and its applications. Lecture, MI 1.11 Transplant and cancer immunology (Integrated with Pathology)	Clinical posting			Lecture, MI 1.9 Immunoprophylaxis (Integrated with Pathology) - 1. Immuno-prophylaxis - Definition and types. 2. Live attenuated vaccines-definition and examples. 3. Inactivated or killed vaccines with examples. 4. Toxoid vaccines. 5. Differentiate between toxin and toxoid. 6. National Immunization schedule (NIS) 2020-Pregnant/infants/children. 7. Cold chain. 8. Passive immune-prophylaxis. 9. Enumerate newer vaccine approaches with few examples. 10. List various strategies for immunization.	CM8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory test at the primary care level for communicable diseases.	CM8.1 Describe and discuss the epidemiological and control measures including the use of essential laboratory test at the primary care level for communicable diseases.
25/05/2023	Thursday	IM 4.6 Discuss and describe the pathophysiology and manifestations of Malaria AITO – Microbiology	Clinical posting			FORMATIVE ASSESSMENT 2	SDL PA 19.6 Enumerate and differentiate the causes of splenomegaly	SGD,DOAP PA 19.7 Identify and describe the gross specimen of an enlarged spleen
26/05/2023	Friday	SU4.4 Communicate and counsel patients and families on the outcome and rehabilitation demonstrating empathy and care.	Clinical posting			Lecture PH1.26 Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the reninangiotensin and aldosterone system	SGD PH1.24 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues	Skill station PH3.5 To prepare and explain a list of P-drugs for a given case/condition
27/05/2023	Saturday	OG5.2 Describe immunization in pregnancy	Lecture PA21.1 Describe normal hemostasis and 21.2 Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP and haemophilia's	Practical PH1.6 Describe principles of Pharmacovigilance & ADR reporting systems	Skill lab PH3.8 Communicate effectively with a patient on the proper use of prescribed medication	FORMATIVE ASSESSMENT		
28/05/2023	Sunday							
29/05/2023	Monday	Lecture PA 21.4 Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of disseminated intravascular coagulation	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Tuberculosis	SGD, DOAP PA 21.3 Differentiate platelet from clotting disorders based on the clinical and hematologic features	SGD/ DOAP PA16.7 Discribe the correct technique to perform a cross match

30-May to 3 June = SE1								
4-11 June = Session Break								
June								
11/06/2023	Sunday							
12/06/2023	Monday	Lecture PA22.1 Classify and describe blood group systems (ABO and RH)	Clinical posting				SGD PA22.2 Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing	SGD PA22.6 Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction
13/06/2023	Tuesday	Lecture PH 1.57 Describe drugs used in skin disorders	Clinical posting			Lecture FM 3.3. Describe and discuss Mechanical injuries, abrasion, bruise, laceration, stab wound, incised wound, chop wound, defense wound, self-inflicted/fabricated wounds and their medico-legal aspects. AITO – SURGERY	Lecture PH1.35 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in hematological disorders like: 1. Drugs used in anemias 2. Colony Stimulating factors	SDL PH1.25 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs acting on blood, like anticoagulants, antiplatelets, fibrinolytics, plasma expanders
14/06/2023	Wednesday	Lecture, MI 3.1 Gastrointestinal infections due to enterobacteriaceae: Diarrheagenic E. coli - 1. General characters of family Enterobacteriaceae and Enumerate DiarrheagenicE. coli 2. Briefly discuss virulence factors and various toxins of E.coli 3. Enterpathogenic E.coli (EPEC) 4. Enterotoxigenic E.coli (ETEC)/traveler's diarrhoea. 5. Enteroinvasive E. coli (EIEC) 6. EnterohaemorrhagicE.coli (EHEC) 7. EnteroaggregativeE.coli (EAEC) 8. Diffusely adherent E.coli (DAEC)	Clinical posting			Lecture, MI 3.1 Gastrointestinal infections due to enterobacteriaceae: Shigellosis, Non-typhoidal Salmonellosis and Yersiniosis - 1. Shigellosis and Yersiniosis - Clinical features, Laboratory diagnosis, treatment. 2. Non-typhoidal salmonellosis (NTS)-etiological agents, clinical features and laboratory diagnosis.	Lecture, MI 3.1 Cholera, halophilic Vibrio and Aeromonas infections - 1.Various classifications of Vibrio spp. 2. Pathogenesis of cholera. 3. Clinical features of cholera. 4. Laboratory diagnosis of cholera. 5. Epidemiology of cholera. 6. Treatment and prevention of cholera. 7. Discuss briefly about halophilic vibrios. 8. Discuss in brief about infections caused by Aeromonas spp.	Lecture, MI 3.1 Cholera, halophilic Vibrio and Aeromonas infections - 1.Various classifications of Vibrio spp. 2. Pathogenesis of cholera. 3. Clinical features of cholera. 4. Laboratory diagnosis of cholera. 5. Epidemiology of cholera. 6. Treatment and prevention of cholera. 7. Discuss briefly about halophilic vibrios. 8. Discuss in brief about infections caused by Aeromonas spp.
15/06/2023	Thursday	IM 4.22 Describe and discuss the pharmacology, indications, adverse reactions, interactions of antimalarial drugs and basis of resistance AITO – Pharmacology	Clinical posting			Lecture PA 22.1 Classify and describe blood group systems and 22.4 Enumerate blood components and describe their clinical uses	SGD PA22.7 Enumerate the indications and describe the principles and procedure of autologous transfusion PA22.5 Enumerate and describe infections transmitted by blood transfusion	SGD, DOAP PA 20.1 Describe the features of plasma cell myeloma

16/06/2023	Friday	SU5.1 Describe normal wound healing and factors affecting healing. VERTICAL INTEGRATION with Pathology	Clinical posting			Lecture PH 1.27 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock	SGD PH1.26 Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the reninangiotensin and aldosterone system	Practical PH4.1 Administer drugs through various routes in a simulated environment using mannequins
17/06/2023	Saturday	OG6.1 Describe & discuss the clinical features of pregnancy	AETCOM 2.1 (PSM)	AETCOM 2.1 (PSM)	CM 7.6 Enumerate and evaluate the need of screening test	CM 7.6 Enumerate and evaluate the need of screening test		
18/06/2023	Sunday							
19/06/2023	Monday	Lecture PA 22.2 Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing	Clinical posting			C.M 8.3 Enumerate and describe National TB Elimination Program including prevention and treatment of a case	DOAP Urine Examination	DOAP Urine Examination
20/06/2023	Tuesday	Lecture PH1.58 Describe drugs used in Ocular disorders	Clinical posting			SDLFM 2.17 - 2.18. Describe Exhumation. Discuss Crime Scene Investigation- objectives, the duties & responsibilities of doctors on crime scene and the reconstruction of sequence of events after crime scene investigation	Lecture PH 1.27 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock	SDL PH 1.27 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock
21/06/2023	Wednesday	Lecture, MI 3.1 Intestinal Protozoan Infections: Intestinal amoebiasis, Giardiasis and Balantidiasis Part 1 - 1. Intestinal amoebiasis - epidemiology, pathogenesis, clinical features, Laboratory diagnosis, Treatment. 2. Life cycle, morphology, virulence factors of Entamoeba histolytica.. 3. Giardiasis- Epidemiology, Pathogenicity, Clinical features, Laboratory diagnosis, Treatment and Prevention. 4. Life cycle, morphology, virulence factors of Giardia lamblia. 5. Enumerate opportunistic intestinal coccidian parasites and briefly discuss the morphology, lifecycle, pathogenesis, clinical features, laboratory diagnosis, treatment and prevention of opportunistic intestinal coccidian parasites. 6. Salient features of Balantidiasis.	Clinical posting			Lecture, MI 3.1 Intestinal Protozoan Infections: Intestinal amoebiasis, Giardiasis and Balantidiasis part 2 - 1. Intestinal amoebiasis - epidemiology, pathogenesis, clinical features, Laboratory diagnosis, Treatment. 2. Life cycle, morphology, virulence factors of Entamoeba histolytica.. 3. Giardiasis- Epidemiology, Pathogenicity, Clinical features, Laboratory diagnosis, Treatment and Prevention. 4. Life cycle, morphology, virulence factors of Giardia lamblia. 5. Enumerate opportunistic intestinal coccidian parasites and briefly discuss the morphology, lifecycle, pathogenesis, clinical features, laboratory diagnosis, treatment and prevention of opportunistic intestinal coccidian parasites. 6. Salient features of Balantidiasis.	DOAP MI 3.2 (Practical) Dysentery (Shigellosis), diarrhea (NTS, cholera) AND Grams Staining 3 - 1. Case discussion – Dysentry with treatment and prevention 2. Demonstration of General characteristics of genus Shigella spp.- Morphology, Culture characters, biochemical tests for identification and antimicrobial susceptibility testing. 3. Case discussion – Cholera with treatment and prevention 4. Demonstration of General characteristics of Vibrio cholerae spp.- Morphology, Culture characters, biochemical tests for identification and antimicrobial susceptibility testing. 5. Case discussion – Diarrhoea due to non typhoidal salmonella (NTS).	SGD, MI 3.5 Food poisoning: S. aureus, Bacillus cereus, Clostridium botulinum and others - 1. Definition and classification of food poisoning. 2. Predisposing factors and etiological agents of Food poisoning

22/06/2023	Thursday	IM 4.7 Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Clinical posting			Lecture PA23.2 Describe abnormal findings in body fluids in various disease states	SGD, DOAP PA 23.3 Describe and interpret the abnormalities in a panel containing semen analysis, thyroid function tests	SGD, DOAP PA 23.3 Describe and interpret the abnormalities in a panel containing renal function tests or liver function tests
23/06/2023	Friday	SD5.2 Elicit, document and present a history in a patient presenting with wounds	Clinical posting			Lecture PH1.28 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease	SGD PH 1.27 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock	Practical PH4.1 Administer drugs through various routes in a simulated environment using mannequins
24/06/2023	Saturday	OG6.1 Discuss the diagnosis of pregnancy.	AETCOM 2.1 (PSM)	AETCOM 2.1 (PSM)	Practical DOAP(Age estimation report writing)FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination	Practical DOAP(Age estimation report writing)FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination		
25/06/2023	Sunday							
26/06/2023	Monday	Lecture PA 24.2 Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of peptic ulcer diseaseand 24.3 Describe and identify the microscopic features of peptic ulcer	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Acute Diarrhoeal Disease (Including Cholera)	SGD PA 24.1 Describe the etiology, pathogenesis, pathology and clinical features of oral cancers	SGD PA 24.5Describe and etiology and pathogenesis and pathologic features of Tuberculosis of the intestine
27/06/2023	Tuesday	Practical PH 1.59 Describe and discuss the following: Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines	Clinical posting			SGD FM 3.4 - 3.5, 3.8. Describe and discuss Injury, assault & hurt and their medicolegal aspects. Describe and discuss Weapons and their examination.	Lecture PH1.28 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease	SDL PH1.28 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease

28/06/2023	Wednesday	Lecture, MI 3.1 Intestinal Helminthic Infections-1 Intestinal Cestode: Taenia, Diphyllobothrium, Hymenolepis Intestinal Trematode: Fasciolopsis buski, Schistosoma mansoni, S. japonicum - 1. General features of helminths. 2. Differentiate between Cestodes, Trematodes and Nematodes. 3. Enumerate intestinal cestodes of human health importance. 4. Briefly discuss morphology, lifecycle, mode of infection, Clinical features and laboratory diagnosis of Taenia spp., Hymenolepis nana and Diphylobothrium latum. 5. Enumerate intestinal trematodes of human health importance. 6. Discuss morphology, lifecycle, and pathogenesis and laboratory diagnosis of Schistosoma mansoni, S. japonicum and Fasciolopsis buski	Clinical posting			Lecture, MI 3.1 Intestinal Helminthic Infections-2 Intestinal nematode infections: Ascaris, Strongyloides, Trichuris, Enterobius, Hookworm - 1. General characters of nematodes. 2. List nematodes of human health importance. 3. Briefly discuss moprhology, life cycle, pathogenesis, clinical features and laboratory diagnosis of Ascaris lumbricoides. Strongyloides stercoralis. 4. Hook worm infections-causes, morphology, lifecycle, clinical features, laboratory diagnosis and treatment. 5. Salient features of Trichuriasis and Enterobiasis.	DOAP MI 3.2, 1.2 (Practical) Intestinal amoebiasis, giardiasis, intestinal coccidian parasites - 1. Collection and transportation of stool sample. 2. Breifly discuss Stool concentration techniques. 3. Preparation of stool wet/saline mount and iodine mount for microscopy and discuss advantages of each. 4. List various intestinal protozoan infections. 5. Differentiate between E. histolytica and E. coli on the basis of morphological features. 6. Demonstrate and discuss Giardia lamblia cyst and trophozoite with diagrams. 7. List the oppurtunistic coccidian parasites. 8. Differentiate between Cryptosporidium spp., Cyclospora spp. and Cytoisospora spp	SDL, MI 3.1 Viral gastroenteritis: Rotaviruses and others - 1. Enumerate etiological agents of viral gastroenteritis. 2. Rotaviruses-morphology, classification, pathogenesis, clinical features, epidemiology, laboratory diagnosis, treatment and prevention.
29/06/2023	Thursday							
30/06/2023	Friday	SU5.3 Differentiate the various types of wounds, plan and observe management of wounds.	Clinical posting			Lecture PH1.29 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure	SGD PH1.28 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease	FORMATIVE ASSESSMENT
July								
01/07/2023	Saturday	OG6.1 Elaborate the principles underlying and interpret pregnancy tests.	AETCOM 2.1 (PSM)	AETCOM 2.1 (PSM)				
02/07/2023	Sunday							
03/07/2023	Monday	LECTURE PA24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases (Typhoid, Food Poisoning & Worm Infestation)	AITO SGD/DOAP PA24.4 Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach	SGD/DOAP PA24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease

04/07/2023	Tuesday	Practical PH 1.55 Describe and discuss the following National Health Programmes including Immunisation, Tuberculosis, Leprosy, Malaria, HIV, Filaria, Kala Azar, Diarrhoeal diseases, Anaemia & nutritional disorders, Blindness, Non-communicable diseases, cancer and Iodine deficiency	Clinical posting	Lecture FM 3.9. Forensic Ballistics 1 - Describe different types of firearms including structure and components, along with description of ammunition propellant charge and mechanism of fire-arms, different types of cartridges and bullets and various terminology in relation of firearm – caliber, range, choking. FM 14.12. Describe the contents and structure of bullet and cartridges used & to provide medico-legal interpretation from these.	Lecture PH1.29 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure	SDL PH 1.59 Describe and discuss the following: Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines
05/07/2023	Wednesday	SGD, MI 3.6, 3.1 Miscellaneous bacterial infections of gastrointestinal system: Helicobacter, Campylobacter and Clostridium difficile infections - 1. Etiological agents of acid peptic disease. 2. Risk factors, pathogenesis, Laboratory diagnosis and treatment of Helicobacter pylori. 3. Discuss campylobacteriosis and Clostridium difficile infection.	Clinical posting	Lecture, MI 3.7 Infective Syndromes of hepatobiliary system and abdomen and Yellow Fever - 1. Enumerate various etiological agents of hepatitis. 2. Briefly discuss liver abscess, types and causative agents. 3. Discuss bile duct infections. List other intraabdominal infections.	Lecture, MI 3.1, 1.1 Parasitic Infections of Hepatobiliary System: Amoebic liver abscess, Hydatid disease, Trematode infections (Fasciola hepatica, Clonorchis and Opisthorchis) and Others - 1. Discuss pathogenesis, clinical features, laboratory diagnosis and treatment of amoebic liver abscess. 2. Discuss morphology, lifecycle, pathogenesis, clinical features and laboratory diagnosis of Echinococcus granulosus. 3. Briefly discuss tremtode infections of liver	Lecture, MI 3.7 Viruses Causing Hepatitis: Hepatitis viruses - 1. Enumerate various etiological agents of viral hepatitis. 2. Discuss Hepatitis A virus-morphology, mode of transmission, epidemiology, clinical features, laboratory diagnosis, prophylaxis and treatment. 3. Discuss Hepatitis B virus-morphology, mutants, mode of transmission, epidemiology, clinical features, laboratory diagnosis, treatment and prevention. 4. Briefly discuss Hepatitis D virus. 5. Discuss Hepatitis C virus-morphology, genetic diversity, mode of transmission, epidemiology, clinical features, laboratory diagnosis, treatment. 6. Discuss Hepatitis E virus-morphology, mode of transmission, epidemiology, clinical features, laboratory diagnosis, treatment and prevention.
06/07/2023	Thursday	IM 4.8 Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host neutropenic host nosocomial host and a host with HIV disease AITO – Microbiology	Clinical posting	AITO Lecture PA24.7 Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon	DOAP Gastrointestinal CHARTS AND SPECIMEN	DOAP Gastrointestinal CHARTS AND SPECIMEN

07/07/2023	Friday	SU5.4 Discuss medico legal aspects of wounds	Clinical posting			Lecture PH1.30 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics	SGD PH1.29 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure	Skill lab PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
08/07/2023	Saturday	OG7.1 Describe and discuss the changes in the genital tract in pregnancy.	AETCOM 2.2 (Microbiology) - The foundations of bioethics	AETCOM 2.2 (Microbiology) - The foundations of bioethics	CM7.7 Describe and demonstrate the steps in the investigation of an outbreak of an epidemic of communicable disease and describe the control measures	CM7.7 Describe and demonstrate the steps in the investigation of an outbreak of an epidemic of communicable disease and describe the control measures		
09/07/2023	Sunday							
10/07/2023	Monday	FORMATIVE ASSESSMENT	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Polio	SDL PA27.3 Describe the etiology, types, stages pathophysiology, pathology and complications of heart failure	SDL PA27.2 Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms
11/07/2023	Tuesday	Lecture PH 1.55 Describe and discuss the following National Health Programmes including Immunisation, Tuberculosis, Leprosy, Malaria, HIV, Filaria, Kala Azar, Diarrhoeal diseases, Anaemia & nutritional disorders, Blindness, Non-communicable diseases, cancer and Iodine deficiency	Clinical posting			Lecture FM 3.10. Forensic Ballistics 2 – Describe Wound ballistics-different types of firearm injuries, blast injuries and their interpretation, preservation and dispatch of trace evidences in cases of firearm and blast injuries, various tests related to confirmation of use of firearms	Lecture PH1.30 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics	SDL PH 1.55 Describe and discuss the following National Health Programmes including Immunisation, Tuberculosis, Leprosy, Malaria, HIV, Filaria, Kala Azar, Diarrhoeal diseases, Anaemia & nutritional disorders, Blindness, Non-communicable diseases, cancer and Iodine deficiency

12/07/2023	Wednesday	Lecture, MI 2.1, 2.2 Cardiovascular system infections Infective endocarditis and Acute rheumatic fever (Integrate with Medicine) - 1. Cardiovascular system infections-definition and classification. 2. Infective endocarditis (IE)-definition, classification, pathogenesis, etiological agents, clinical features, laboratory diagnosis, treatment. Discuss briefly laboratory diagnosis of various agents causing IE. 3. Acute Rheumatic Fever (ARF)-definition, etiological agent, pathogenesis, clinical features, laboratory diagnosis, treatment and prevention.	Clinical posting	Tutorial - Hepatitis	Tutorial – Parasitic Gastrointestinal Infections	DOAP MI 3.2, 1.3 (Practical) Intestinal Cestode and Nematode infections AND Stool microscopy - 2 - 1. Case discussion - Intestinal taeniasis and cysticercosis 2. Demonstration of adult worm 3. Salient features of the laboratory diagnosis of taeniasis. 4. Case discussion - Hymenolepiasis 5. Enumerate examples of non-bile stained eggs. 6. List parasites causing autoinfection. 7. Name parasites whose eggs float in saturated salt solution. 8. Case Discussion – Ascariasis 9. Demonstration of Adult worm 10. Mention complications caused by adult worm. 11. Discuss in brief the salient features of identification of causative agent of trichuriasis and enterobiasis with diagrams. 12. NIH swab. 13. Case discussion – Anemia due to hook worm infestation 14. Salient features of laboratory diagnosis of hookworm infestation. 15. Enumerate treatment and prevention of worm infestations in humans.

13/07/2023	Thursday	IM 4.16 Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests, serologic testing for pathogens including HIV, bone marrow aspiration and biopsy AITO – Pathology IM 4.18 Enumerate the indications for use of imaging in the diagnosis of febrile syndromes	Clinical posting			Lecture, PA27.4 Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever PA27.6 Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of infective endocarditis	SGD PA27.9 Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of cardiomyopathies	SGD PA27.7 Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of pericarditis and pericardial effusion
14/07/2023	Friday	SU6.1 Define and describe the aetiology and pathogenesis of surgical Infections. VERTICAL INTEGRATION with Microbiology.	Clinical posting			Lecture PH1.31 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in the management of dyslipidemias	SGD PH1.30 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics	Skill lab PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
15/07/2023	Saturday	OG7.1 Describe and discuss the changes in cardiovascular system in pregnancy	AETCOM 2.3 (Microbiology)- Health care as a right	AETCOM 2.3 (Microbiology)- Health care as a right	Practical DOAP(Injury Specimens and weapon examination) FM 14.10 - 11. Describe and discuss Examination and inference of injury specimens, description of weapons. Discuss preparation of Weapon examination report	Practical DOAP(Injury Specimens and weapon examination) FM 14.10 - 11. Describe and discuss Examination and inference of injury specimens, description of weapons. Discuss preparation of Weapon examination report		
16/07/2023	Sunday							
17/07/2023	Monday	Lecture PA27 4 Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever	Clinical posting			C.M 8.1 describe and discuss the epidemiology and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Dengue	SGD/DOAP PA27.1 Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis	SDL PA27.10 Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system

18/07/2023	Tuesday	Lecture PH1.15 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of skeletal muscle relaxants	Clinical posting	Lecture FM 3.11. Discuss Regional injuries to head (Scalp wounds, fracture skull, intracranial haemorrhages, coup and contrecoup injuries), neck, chest, abdomen, limbs, genital organs, spinal cord and skeleton	Lecture PH1.17 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of local anesthetics	SDL PH 1.55 Describe and discuss the following National Health Programmes including Immunisation, Tuberculosis, Leprosy, Malaria, HIV, Filaria, Kala Azar, Diarrhoeal diseases, Anaemia & nutritional disorders, Blindness, Non-communicable diseases, cancer and Iodine deficiency
19/07/2023	Wednesday	Formative Assessment of immunity	Clinical posting	Discussion of the Immunity Assessment	Tutorial - Hepatitis 2	DOAP MI 3.8, 8.15 (Practical) Viral hepatitis, parasites causing liver infection - 1. Case discussion – Hepatitis B, Hepatitis C and Hepatitis A and E 2. List various etiological agents of viral hepatitis. 3. Serological and virological markers of hepatits B infection/vaccination. 4. Discuss and demonstrate various test formats available for detection of viral hepatitis. 5. Enumerate various parasites causing liver infections and discuss their salient identifying features and laboratory diagnosis in brief.
20/07/2023	Thursday	IM 25.1 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus) AITO - Microbiology, Community Medicine IM 25.2 Discuss and describe the common causes, pathophysiology and manifestations of these diseases AITO - Microbiology, Community Medicine	Clinical posting	AITO Lecture PA27.5 Describe the epidemiology, risk factors, etiology, pathophysiology, pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemic heart disease	DOAP PA27.8 Interpret abnormalities in cardiac function testing in acute coronary syndromes	DOAP Charts and specimens of Cardiovascular System

21/07/2023	Friday	SU6.2 Enumerate Prophylactic and therapeutic antibiotics Plan appropriate management	Clinical posting			Lecture PH1.18 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications	SGD PH1.31 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in the management of dyslipidemias	Skill lab PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
22/07/2023	Saturday	OG7.1 Describe the changes in respiratory system in pregnancy	AETCOM 2.4 (Microbiology) - Working in a health care team	AETCOM 2.4 (Microbiology) -Working in a health care team	Skill station PH3.6 Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs	Skill lab PH3.3 Perform a critical evaluation of the drug promotional literature		
23/07/2023	Sunday							
24/07/2023	Monday	Lecture PA25.1 Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice, distinguish between direct and indirect hyperbilirubinemia	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases –Chikungunya	SGD/DOAP PA25.2 Describe the pathophysiology and pathologic changes seen in hepatic failure and their clincial manifestations, complications and consequences	SGD PA25.3 Describe the etiology and pathogenesis of viral and toxic hepatitis: distinguish the causes of hepatitis based on the clinical and laboratory features. Describe the pathology, complications and consequences of hepatitis
25/07/2023	Tuesday	Lecture PH1.20,PH1.21 Describe the effects of acute and chronic ethanol intake, Describe the symptoms and management of methanol and ethanol poisonings	Clinical posting			Lecture FM 3.12, Describe and discuss injuries related to fall from height and vehicular injuries – Primary and Secondary impact, Secondary injuries, crush syndrome, railway spine	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SDL PH1.18 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications

26/07/2023	Wednesday	Lecture, MI 2.1, 2.2, 2.4 Bloodstream infections, Fever of unknown origin and infections causing anemia (Integrate with medicine) - 1. Bloodstream infections (BSI)- definition, types, etiologic alagents, clinical features, laboratory diagnosis, treatment. 2. Fever of unknown origin 3. Enumerate various microbial agents causing anaemia	Clinical posting			Lecture, MI 3.3 Enteric fever (Salmonella Typhi and S. Paratyphi) (Integrate with Medicine, Pediatric) - 1. Enteric fever-definition and causative agents. 2. Salmonella spp.- classification and nomenclature. 3. Discuss antigenic structure of salmonellae. 4. Enteric fever-pathogenesis, epidemiology, laboratory diagnosis, Treatment and prophylaxis. 5. Briefly discuss drug resistance in typhoidal salmonellae.	SGD MI 8.1 Miscellaneous bloodstream infections: Brucellosis, Leptospirosis and Borreliosis - 1. Brucellosis-Classification, antigenic structure, pathogenesis, epidemiology, clinical features, laboratory diagnosis, treatment, prevention and prophylaxis. 2. Enumerate spirochetes of human health importance. 3. Leptospirosis-Morphology, classification, antigenic properties, pathogenesis, epidemiology, clinical features, laboratory diagnosis, treatment and prevention. 4. Discuss Borreliosis in brief.	DOAP – DOAP 13 MI 2.3, 8.15 (2. Collection of sample for B 3. Identify various blood cult 4. CRBSI-definition and enu 5. Briefly discuss case scenar 6. Briefly discuss case scenar
27/07/2023	Thursday	IM 25.3 Describe and discuss the pathophysiology and manifestations of these diseases (e.g Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus) AITO – Microbiology IM 25.8 Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical posting			Lecture PA25.4 Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis	AITO SGD PA25.5 Describe the etiology, pathogenesis and complications of portal hypertension	SGD PA23.3 Describe and interpret the abnormalities in a panel containing liver function tests, charts and specimens of hepatobiliary system PA25.6 Interpret liver function and viral hepatitis serology panel. Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests (Liver Function Test)
28/07/2023	Friday	SU7.1 Describe the Planning and conduct of Surgical audit. VERTICAL INTEGRATION with Community Medicine	Clinical posting			Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SGD PH1.18 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications	FORMATIVE ASSESSMENT
29/07/2023	Saturday				CM 8.7 Describe the principles of Management of Information System	CM 8.7 Describe the principles of Management of Information System		
30/07/2023	Sunday							

31/07/2023	Monday	Lecture PA26.1 Define and describe the etiology, types, pathogenesis. stages, morphology and complications of pneumonia	Clinical posting	C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Viral Hepatitis	SGD PA26.2 Describe the etiology, gross and microscopic appearance and complications of lung abscess	SDL PA26.5 Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease
Aug						
01/08/2023	Tuesday	Practical PH1.22 Describe drugs of abuse (dependence, addiction, stimulants, depressants, psychedelics, drugs used for criminal offences)	Clinical posting	PRACTICAL DOAP . (Weapon examination) FM 14.11 Identify & describe weapons of medicolegal importance which are commonly used e.g. lathi, knife, kripan, axe, gandasa, gupti, farsha, dagger, bhalla, razor & stick. Able to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report/ PM report so as to connect weapon with the injuries.	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SDL PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)

02/08/2023	Wednesday	Lecture, MI 2.7 HIV/AIDS - 1. HIV/AIDS-Introduction, morphology, pathogenesis, epidemiology, laboratory diagnosis, treatment and prevention 2. Strategies for HIV testing in India. 3. Post Exposure Prophylaxis (PEP).	Clinical posting	Lecture, MI 1.1 Viral hemorrhagic fever: Dengue, Chikungunya, KFD, Filoviral VHF (Ebola and Marburg virus), Hantaviral VHF (Integrate with Medicine) - 1. Viral Haemorrhagic fevers-Definition, etiological agents and general properties of RNA viruses. 2. Arboviral infections-Classification, clinical features, epidemiology. 3. Dengue-vector, various classifications, pathogenesis, geographical distribution. Laboratory diagnosis, treatment and prevention. 4. Chikungunya-Mode of transmission, clinical features, epidemiology, laboratory diagnosis and treatment. 5. Kyasanur Forest Disease (KFD)--clinical features, epidemiology, laboratory diagnosis and treatment. 6. List other causes of Viral Haemorrhagic fevers. 7. Discuss filoviral infections and rodent borne viruses in brief.	Lecture, MI 2.5, 8.16 Malaria and Babesiosis (Integrate with Pathology, Medicine) - 1. Malaria-history, agent, lifecycle, pathogenesis, clinical features, complications, laboratory diagnosis, treatment. 2. Discuss immunity in malaria and antimalarial drug resistance. 3. Briefly discuss vaccination in malaria. 4. Mention salient features of Babesiosis	DOAP: Gram stain & stool exami
03/08/2023	Thursday	IM 23.1 Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses AITO - Physiology, Biochemistry IM 23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients AITO - Physiology, Biochemistry	Clinical posting	AITO Lecture PA26.3 Define and describe the etiology, types, pathogenesis, stages, morphology and complications and evaluation of Obstructive airway disease (OAD) and bronchiectasis	DOAP PA26.6 Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance,metastases and complications of tumors of the lung and pleura	AITO SGD PA26.6 Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance,metastases and complications of tumors of the lung and pleura

04/08/2023	Friday	SU7.2 Describe the principles and steps of clinical research in General Surgery	Clinical posting			Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SGD PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	Skill lab PH3.3 Perform a critical evaluation of the drug promotional literature
05/08/2023	Saturday	OG7.1 Describe the hematological changes in pregnancy	AETCOM 2.4 (Microbiology) - Working in a health care team	AETCOM 2.4 (Microbiology) - Working in a health care team	PRACTICAL DOAP(Injury report) FM 14.1 Discuss Examination and preparation of Medico-legal report of an injured person with different etiologies in a simulated/ supervised environment	PRACTICAL DOAP(Injury report) FM 14.1 Discuss Examination and preparation of Medico-legal report of an injured person with different etiologies in a simulated/ supervised environment		
06/08/2023	Sunday							
07/08/2023	Monday	AITO Lecture PA26.4 Define and describe the etiology, types, pathogenesis, stages, morphology microscopic appearance and complications of tuberculosis	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Malaria	DOAP PA26.4 Define and describe the etiology, types, pathogenesis, stages, morphology microscopic appearance and complications of tuberculosis. PA26.6 Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance,metastases and complications of tumors of the lung and pleura	Respiratory system charts and specimens SGD PA26.7 Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, morphology, microscopic appearance and complications of mesothelioma

08/08/2023	Tuesday	Practical PH1.23 Describe the process and mechanism of drug deaddiction	Clinical posting	PRACTICAL DOAP . (Injury specimens) FM 14.10 Identify & prepare medicolegal inference from specimens obtained from various types of injuries e.g. contusion, abrasion, laceration, firearm wounds, burns, head injury and fracture of bone	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contramdications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	Skill station PH3.4 To recognise and report an adverse drug reaction
09/08/2023	Wednesday	SDL, MI 1.1 Rickettsial Infections - 1. Family Rickettsiaceae-General properties and classification. 2. Rickettsia-two groups, antigenic structure, pathogenesis, laboratory diagnosis, treatment and prevention. 3. Briefly discuss Scrub typhus and Ehrlichiosis. 4. Q fever 5. Bartonellosis	Clinical posting	Formative Assessment of GI & Hepatobiliary system	SGD, MI 1.1 Candidiasis and Systemic mycoses - 1. Candidiasis-causative agent, predisposing factors, morphology, various species, pathogenesis, laboratory diagnosis and treatment. 2. Discuss in brief - Candida auris. 3. Systemic mycoses-definition, etiological agents, predisposing factors. 4. Histoplasmosis. 5. Blastomycosis. 6. Paracoccidioidomycosis. 7. Coccidioidomycosis. 8. Cryptococcosis.	DOAP MI 3.4, 8.15 (Practical) Er 2. Discuss the definition and 3. Discuss Blood Culture met 4. Laboratory diagnosis of Sa 5. Demonstration of tube WI 6. Discuss in brief about the t
10/08/2023	Thursday	IM 23.2 Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital AITQ - Physiology, Biochemistry	Clinical posting	Lecture PA29.1 Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of testicular tumors	SGD/DOAP PA29.2 Describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the penis	DOAP PA29.1 Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of testicular tumors
11/08/2023	Friday	SU8.1 Describe the principles of Ethics as it pertains to General Surgery	Clinical posting	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on	SGD PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the	Skill station PH3.4 To recognise and report an adverse drug reaction

12/08/2023	Saturday		AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient	AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient autonomy and				
13/08/2023	Sunday							
14/08/2023	Monday	Lecture PA29.4 Describe the pathogenesis. pathology, hormonal dependency presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the prostate. PA29.3 Describe the pathogenesis. pathology, hormonal dependency presenting and distinguishing features, urologic findings & diagnostic tests of benign prostatic hyperplasia	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Filaria , Kalaazar	SDL PA29.5 Describe the etiology, pathogenesis. pathology and progression of prostatitis	DOAP PA29.3 Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, urologic findings & diagnostic tests of benign prostatic hyperplasia
15/08/2023	Tuesday							
16/08/2023	Wednesday	Lecture, MI 2.5, 8.16 Lymphatic filariasis - 1. Filarial nematode- morphology, habitat and clinical manifestations. 2. Enlist lymphatic filarial nematodes. 3. Enumerate the differences between various lymphatic filarial nematodes. 4. Discuss Bancroftian filariasis in detail. 5. Mention salient features of Brugian filariasis Lecture, MI 2.5, 8.16 Lymphatic filariasis	Clinical posting			Lecture, MI 2.5, 8.16 Visceral leishmaniasis and trypanosomiasis (brief) (Integrated with Medicine and Derma) - 1. Enumerate hemoflagellates and their general characteristics. 2. Leishmaniasis - causative agent, vector and clinical forms. 3. Discuss visceral leishmaniasis in detail. 4. Trypanosomiasis - causative agent and types. 5. Elaborate Chagas' disease. 6. Describe African sleeping sickness in detail	Lecture MI 7.3 Infective Syndromes of Urinary Tract: Bacterial infections - Enterobacteriaceae, Enterococcus and others - 1. Normal flora of urinary tract. 2. Urinary Tract Infection (UTI)-definition, classification, epidemiology, risk factors, caustaive agents, pathogenesis, clinical features, laboratory diagnosis and treatment. 3. Define Catheter Associated Urinary Tract Infections (CAUTI). 4. Discuss enterobacteriaceae causing UTIs. 5. Discuss various gram positive organisms causing UTI.	DOAP MI 2.7, 8.15 (Practical) H. Peripheral blood smear-1 - HIV 1. Case discussion, laboratory 2. Demonstration of rapid tes Dengue 3. Case discussion and Labor 4. Name the clinical syndrom 5. Demonstrate the tests curre Malaria 6. Case discussion and Labor 7. Thin blood film-preparatio 8. Thick blood film-preparati 9. Quantitative Buffy Coat (C 10. Demonstrate the various s 11. Demonstrate rapid diagnc
17/08/2023	Thursday	IM 23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies AITO - Physiology, Biochemistry	Clinical posting			Lecture PA31.1 Classify and describe the types, etiology, pathogenesis, pathology and hormonal dependency of benign breast disease	SGD PA31.4 Enumerate and describe the etiology, hormonal dependency and pathogenesis of gynecomastia	DOAP PA31.1 Classify and describe the types, etiology, pathogenesis, pathology and hormonal dependency of benign breast disease

18/08/2023	Friday	SU8.3 Discuss Medico-legal issues in surgical practice	Clinical posting			Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SGD PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	Skill Station PH3.6 Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs
19/08/2023	Saturday	OG7.1 Describe & discuss the renal and gastrointestinal system in pregnancy	AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient autonomy and decision making	AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient autonomy and decision making	CM 16.3 Health Management Techniques (Logistic Management) excercises	CM 16.3 Health Management Techniques (Logistic Management) excercises		
20/08/2023	Sunday							
21/08/2023	Monday	AITO Lecture: PA31.2 Classify and describe the epidemiology, pathogenesis, classification, morphology, prognostic factors, hormonal dependency, staging and spread of carcinoma of the breast	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Japanese Encephalitis & Yellow Fever	DOAP PA31.3 Describe and identify the morphologic and microscopic features of carcinoma of the breast	SGD PA31.2 Classify and describe the epidemiology, pathogenesis, classification, morphology, prognostic factors, hormonal dependency, staging and spread of carcinoma of the breast
22/08/2023	Tuesday	Practical PH1.10 Describe parts of a correct, complete and legible generic prescription. Identify errors in prescription and correct appropriately	Clinical posting			SGD FM 4.4 - 7. Discuss Indian Medical Register. Enumerate, describe and discuss Rights/privileges/duties of a medical practitioner and Laws in Relation to medical practice. Discuss Ethics related to HIV patients 4.22 - 24, Define Oath and describe procedure for administration of Oath. Discuss Modified Declaration of Geneva and its relevance. Discuss doctor-patient relationship: professional Secrecy and privileged communication	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	Skill Station PH3.7 Prepare a list of essential medicines for a healthcare facility

23/08/2023	Wednesday	Lecture MI 7.1, 7.3 Infective Syndromes of Genital Tract -1(A): Classification of sexually-transmitted infections & Ulcerative Genital Disease: Syphilis (Integrated with Dermatology) - 1. Define and classify STIs. 2. Mention various causative agents of STIs. 3. Genito-ulcerative diseases. 4. Syphilis-pathogenesis, clinical features, epidemiology, laboratory diagnosis and treatment.	Clinical posting	Formative Assessment of CVS	SGD MI 7.3 Infective Syndromes of Urinary Tract: Viral (BK virus), parasitic (Schistosoma haematobium) and fungal infections - 1. Salient features of viral UTI. 2. Salient features of parasitic infection of urinary tract. 3. Mention the fungal causes of UTI.	DOAP MI 2.7, 8.15 (Practical) M Peripheral blood smear-2 - Malari 1. Perform screening of mala Lieshmaniasis 2. Case discussion and labora 3. Demonstration of LD bodi Filariasis 4. Case discussion and labora 5. Name various vectors of fi 6. Demonstration of microfila 7. Differentiate between W.b
24/08/2023	Thursday	IM 22.1 Enumerate the causes of hypercalcemia and distinguish the features of PTH vs non PTH mediated hypercalcemia AITO - Pathology, Physiology	Clinical posting	Lecture PA32.5 Describe the etiology, genetics, pathogenesis, manifestations, laboratory and morphologic features of hyperparathyroidism	FORMATIVE ASSESSMENT 4	FORMATIVE ASSESSMENT 4
25/08/2023	Friday	**SU9.1 Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient. VERTICAL INTEGRATION with Biochemistry, Microbiology, Pathology.**	Clinical posting	Lecture PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	SGD PH1.19 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs) indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics, anti-psychotic, antidepressant drugs, anti-maniacs, opioid agonists and antagonists, drugs used for neurodegenerative disorders, anti-epileptics drugs)	Practical PH4.1 Administer drugs through various routes in a simulated environment using mannequins

26/08/2023	Saturday	OGS 6 Discuss appropriate nutrition in a pregnant patient	AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient autonomy and decision making	AETCOM 2.5 (Pathology)Bioethics continued – case studies on patient autonomy and decision making	Practical DOAP(Skeletal remains) 2.15 -2.16. Discuss Autopsies in custodial death and NHRC guidelines. Discuss Examination of mutilated bodies or fragments, charred bones and bundle of bones FM 14.9. Demonstrate examination of & present an opinion after examination of skeletal remains in a simulated/ supervised environment	Practical DOAP(Skeletal remains) 2.15 -2.16. Discuss Autopsies in custodial death and NHRC guidelines. Discuss Examination of mutilated bodies or fragments, charred bones and bundle of bones FM 14.9. Demonstrate examination of & present an opinion after examination of skeletal remains in a simulated/ supervised environment		
27/08/2023	Sunday							
28/08/2023	Monday	AITO PA32.4 Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus	Clinical posting			C.M 8.3 Enumerate and describe National Vector Borne Disease Control Programme including prevention and treatment of a case	SGD/DOAP PA32.4 Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus (Charts)	SGD PA32.6 Describe the etiology, pathogenesis, manifestations,laboratory, morphologic features, complications and metastases of pancreatic cancer
29/08/2023	Tuesday	Practical PH1.12 Calculate the dosage of drugs using appropriate formulae for an individual patient, including children, elderly and patient with renal dysfunction.	Clinical posting			SDL FM 4.8 - 10. Discuss Consumer Protection Act-1986 (Medical Indemnity Insurance, Civil Litigations and Compensations), Workman's Compensation Act & ESI Act. Discuss medico - legal issues in relation to family violence, violation of human rights, NHRC and doctors. Describe communication between doctors, public and media.	Lecture PH1.42 Describe general principles of chemotherapy	FORMATIVE ASSESSMENT

30/08/2023	Wednesday	Lecture MI 7.1, 7.3 Infective Syndromes of Genital Tract -1(B): Ulcerative Genital Disease: Lymphogranuloma venerum, Granuloma inguinale, Soft chancre and Genital herpes (Integrated with Dermatology) - 1. Lymphogranuloma venerum - pathogenesis, clinical features, epidemiology, laboratory diagnosis and treatment. 2. Granuloma inguinale - pathogenesis, clinical features, epidemiology, laboratory diagnosis and treatment. 3. Soft chancre and Genital herpes - pathogenesis, clinical features, epidemiology, laboratory diagnosis and treatment.	Clinical posting			MI 7.2 Infective Syndromes of Genital Tract -3: Vulvovaginitis (Trichomoniasis, Bacterial vaginosis, Vaginal candidiasis) 1. Enumerate common causes of Vulvovaginitis 2. Trichomoniasis - causative agent, clinical features, laboratory diagnosis and treatment. 3. Bacterial vaginosis- predisposing factors, amsel's criteria, laboratory diagnosis and treatment. 4. Mention salient features of vaginal candidiasis.	Tutorial – Lymphatic filariasis, Visceral Leishmaniasis and Trypanosomiasis	DOAP MI 7.3 (Practical) Laborat 2. Sample collection, transpo 3. Demonstrate and discuss n 4. Perform Gram staining anc
31/08/2023	Thursday	IM 22.2 Describe the aetiology, clinical manifestations, diagnosis and clinical approach to primary hyperparathyroidism AETO – Pathology IM 22.3 Describe the approach to the management of hypercalcemia AETO - Pharmacology	Clinical posting			Lecture PA32.7 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of adrenal insufficiency, PA32.8 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome, PA32 .9 Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms	DOAP: Endocrine charts,slides and specimens	DOAP: Endocrine charts,slides and specimens
Sept								
01/09/2023	Friday	SU9.2 Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	Clinical posting			Lecture PH1.42 Describe general principles of chemotherapy	SGD PH1.42 Describe general principles of chemotherapy	Practical PH4.1 Administer drugs through various routes in a simulated environment using mannequins
02/09/2023	Saturday	OG8.8 Enumerate and describe the investigations in initial assessment and monitoring in pregnancy	AETCOM 2.6 (Pathology)Bioethics continued – case studies on autonomy and decision making	AETCOM 2.6 (Pathology)Bioethics continued – case studies on autonomy and decision making		DOAP PH2.1 Demonstrate understanding of the use of various dosage forms (oral/local/parenteral; solid/liquid)		
03/09/2023	Sunday							

04/09/2023	Monday	AITO Lecture PA32.1 Enumerate, classify and describe the etiology, pathogenesis, pathology and iodine dependency of thyroid swellings, PA32.2 Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging featuresand course of thyrotoxicosis. PA32.3 Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism	Clinical posting	C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Rabies (Including Programme)	DOAP PA32.1 Enumerate, classify and describe the etiology, pathogenesis, pathology and iodine dependency of thyroid swellings	Revision : Charts
05/09/2023	Tuesday	Practical PH1.43 Describe and discuss the rational use of antimicrobials including antibiotic stewardship program	Clinical posting	Lecture FM 4.18, 21. Define and discuss Medical Negligence including civil and criminal negligence, contributory negligence, corporate negligence, vicarious liability, Res Ipsa Loquitor, prevention of medical negligence and defences in medical negligence litigations. Describe Products liability and Medical Indemnity Insurance.	Lecture PH1.44 Describe the first line antitubercular dugs, their mechanisms of action, side effects and doses.	Practical PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
06/09/2023	Wednesday	Lecture MI 7.2 Infective Syndromes of Genital Tract -2: Urethritis: Gonorrhoea and non-gonococcal urethritis (Chlamydia trachomatis and others) - 1. Gonococcal urethritis - virulence factors, clinical features, epidemiology, laboratory diagnosis and treatment. 2. Discuss briefly non-gonococcal urethritis (NGU). 3. Chlamydia trachomatis infections in detail. 4. Mention salient features of urogenital Mycoplasma infections, genital tuberculosis and anorectal lesions	Clinical posting	Lecture MI 7.2 Other genital tract infections of females and males - 1. Genital tuberculosis. 2. Anorectal lesions. 3. Mucopurulent Cervicitis 4. Pelvic Inflammatory Disease 5. Infection in Pregnancy 6. Prostatitis	SGD, MI 4.3 Beta-hemolytic streptococcal infections - 1. Classification of streptococci. 2. Morphology & culture characteristics of Steptococcus pyogenes. 3. Toxins & enzymes of Steptococcus pyogenes. 4. Diseases caused by Steptococcus pyogenes. 5. Non- suppurative complications of Steptococcus pyogenes infections. 6. Laboratory diagnosis of infections caused by Steptococcus pyogenes. 7. Group B Streptococci, Group D Streptococci, and viridans	DOAP MI 7.1, 7.2 (Practical) La 2. Laboratory diagnosis of Sy 3. Demonstration of VDRL 4. Case scenario of Gonorrhe 5. Demonstration of N gonor 6. Case scenario of Candidias 7. Demonstration of Candida
07/09/2023	Thursday					

08/09/2023	Friday	SUI4.3 Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	Clinical posting			DOAP PH2.2 Prepare oral rehydration solution from ORS packet and explain its use	SGD PH1.44 Describe the first line antitubercular dugs, their mechanisms of action, side effects and doses.	Practical PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
09/09/2023	Saturday	OG8.8 Describe the use of ultrasound in assessment and monitoring in a pregnancy	AETCOM 2.6 (Pathology)Bioethics continued – case studies on autonomy and decision making	AETCOM 2.6 (Pathology)Bioethics continued – case studies on autonomy and decision making	Epidemiological case based excercise	Epidemiological case based excercise		
10/09/2023	Sunday							
11/09/2023	Monday	Lecture PA28.1 Describe the normal histology of the kidney , AITO PA28.5 Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Leprosy	SDL PA28.1 Describe the normal histology of the kidney	SDL PA28.2 Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure" (Renal Function Test)
12/09/2023	Tuesday	Lecture PH1.46 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs	Clinical posting			PRACTICAL DOAP(Age of Fetus) FM 14.13Perform age estimation of foetus by post-mortem examination	Lecture PH1.45 Describe the dugs used in MDR and XDR Tuberculosis	Practical PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
13/09/2023	Wednesday	Lecture, MI 4.1, 4.2, 4.3 Infective syndromes of skin, soft tissue and musculoskeletal systems - 1. Briefly discuss the anatomy and physiology of skin. 2. Skin and Soft tissue infections (SSTIs)-definition, classification, clinical features. 3. Infections of dermis, epidermis, skin appendages, subcutaneous tissue and fascia. 4. Discuss in detail wound infections and skin manifestations of systemic infections. 5. Mention salient features of infections of muscle. 6. Discuss in detail infections of skeletal system.	Clinical posting			Lecture, MI 4.2, 4.3 Staphylococcal infections - 1. Morphology & culture characteristics of Staphylococcus aureus. 2. Toxins & enzymes of Staphylococcus aureus. 3. Diseases caused by Staphylococcus aureus. 4. Methicllin Resistant Staphylococcus aureus. 5. Laboratory diagnosis of infections caused by Staphylococcus aureus. 6. Coagulase negative staphylococci	Tutorial - Staphylococcal infections	DOAP: Demonstration of Gram S

14/09/2023	Thursday	IM 22.5 Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with hyponatremia	Clinical posting			"SGD PA28.3 Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of acute renal failure, SGD PA28.4 Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings progression and complications of chronic renal failure "	DOAP PA28.2 ((Urine Examination.) Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure	"SGD PA28.7 Enumerate and describe the findings in glomerular manifestations of systemic disease"
15/09/2023	Friday	SG9.2 Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	Clinical posting			Lecture PH1.47 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis	SGD PH1.46 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs	Practical PH4.2 Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning
16/09/2023	Saturday	OG9.1 Define abortion. Discuss the aetiology of first and mid trimester abortions	AETCOM 2.6 (Pathology)Bioethics continued – case studies on autonomy and decision making	AETCOM 2.7 (Pharmacology)	PRACTICAL DOAP (Skeletal remains) FM 14.9 Examine and present an opinion after examination of skeletal remains in a simulated/ supervised environment	PRACTICAL DOAP (Skeletal remains) FM 14.9 Examine and present an opinion after examination of skeletal remains in a simulated/ supervised environment		
17/09/2023	Sunday							
18/09/2023	Monday	Lecture: PA28.10 Describe the etiology, pathogenesis, pathology, laboratory findings, distinguishing features progression and complications of acute and chronic pyelonephritis and reflux nephropathy "	Clinical posting			C.M 8.3 Describe National Leprosy Elimination Programme including prevention and treatment of a case	DOAP PA28.10 Describe the etiology, pathogenesis, pathology, laboratory findings, distinguishing features progression and complications of acute and chronic pyelonephritis and reflux nephropathy "	SGD/DOAP PA28.15 Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of thrombotic angiopathies, SGD PA28.11 Define classify and describe the etiology, pathogenesis pathology, laboratory, urinary findings, distinguishing features progression and complications of vascular disease of the kidney
19/09/2023	Tuesday	Lecture PH1.50 Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection	Clinical posting			SDL FM 4.25- 30. Describe and Discuss Clinical research & Ethics, Human experimentation including clinical trials. Discuss Constitution and functions of ethical committees Ethical Guidelines for Biomedical Research on Human Subjects & Animals AITO – AETCOM	Lecture PH1.47 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis	SDL PH1.47 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis

20/09/2023	Wednesday	Lecture, MI 4.1 Gas gangrene (Clostridium perfringens) and infections due to non-sporing anaerobes - 1. Case of gas gangrene 2. Clostridium perfringens - Morphology, antigenic properties, pathogenesis, epidemiology, clinical features, laboratory diagnosis, treatment and prevention. 3. Enumerate the non-sporing anaerobes & infection caused by them	Clinical posting			Lecture, MI 4.3 Viral Exanthems and Other Cutaneous Viral Infections I Herpesviruses (herpes simplex, varicella-zoster and HHV-6 and 7 infection), poxviruses (smallpox, molluscum contagiosum) - 1. Definition & etiology of viral exanthems 2. Morphology of Herpervirus. 3. Classification of human herpesvirus. 4. Infections caused by herpes simplex virus type 1 and 2. 5. Varicella- zoster virus. 6. HHV6 & HHV7 7. Poxvirus 8. Note on Cytomegalovirus, Epstein – Barr virus and Paul- Bunnell test.	Lecture, MI 4.3 Viral Exanthems and Other Cutaneous Viral Infections II Parvovirus, measles, rubella, coxsackieviruses and others - 1. Enumerate etiopathogenesis & lab dignosis of a. Parvovirus b. Measles c. Rubella d. Coxsackievirus and others	DOAP MI 4.1, 4.3, 8.15, 1.2 (Pra AND Gram Staining Certification 2. Demonstration of Catalase 3. Demonstration of Anaerob 4. Grams stain Certification
21/09/2023	Thursday	IM 22.6 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hypernatremia	Clinical posting			Lecture PA28.8 Enumerate and classify diseases affecting the tubular interstitium. PA28.9 Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of acute tubular necrosis	SGD/DOAP PA28.13 Define classify and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features progression and complications of renal stone disease and obstructive uropathy	SGD PA28.12 Define classify and describe the genetics, inheritance, etiology, pathogenesis, pathology, laboratory, urinary findings,
22/09/2023	Friday	SUI 3 Describe basic concepts of perioperative care.	Clinical posting			Lecture PH1.48 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV	SGD PH1.47 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis	Practical PH1.12 Describe the basis of Evidence based medicine and Therapeutic drug monitoring
23/09/2023	Saturday	OG9.1 Define and discuss the management of threatened, incomplete, inevitable, missed and septic abortions	AETCOM 2.7 (Pharmacology)	AETCOM 2.7 (Pharmacology)	Lecture PH1.48 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HILV	DOAP PH2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment		
24/09/2023	Sunday							
25/09/2023	Monday	Lecture PA28.14 Classify and describe the etiology, genetics, pathogenesis. pathology, presenting features, progression and spread of renal tumors	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases-STD's & Syndrome Approach	DOAP PA28.14 Classify and describe the etiology, genetics, pathogenesis, pathology, presenting features, progression and spread of renal tumors	SGD PA28.6 Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of IgA nephropathy

26/09/2023	Tuesday	Practical PH1.8 Identify and describe the management of drug interactions	Clinical posting			Lecture FM 4.19 - 20. Define and discuss Consent, Therapeutic privilege, Malingering, Therapeutic Misadventure	Lecture PH1.49 Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs	SDL PH1.50 Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection
27/09/2023	Wednesday	MI 4.3, 8.16 Leprosy (Mycobacterium leprae) - 1. Etiopathogenesis & lab diagnosis of Leprosy 2. Types of Lepra reactions 3. Treatment of leprosy	Clinical posting			Formative Assessment of Urinary Tract and Genital tract	Practical Revision	Practical Revision
28/09/2023	Thursday							
29/09/2023	Friday	SU10.1 Describe the principles of perioperative management of common surgical procedures.	Clinical posting			Lecture PH1.49 Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs	SGD PH1.48 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV	FORMATIVE ASSESSMENT
30/09/2023	Saturday	OG9.2 Describe rules of MTP & discuss the MTP act.	AETCOM 2.7 (Pharmacology)	AETCOM 2.7 (Pharmacology)	Revision	Revision		
Oct								
01/10/2023	Sunday							
02/10/2023	Monday							
03/10/2023	Tuesday	Lecture PH 1.39 Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception	Clinical posting			Lecture FM 4.1 - 3, 4.5. Discuss Medical Ethics - historical emergence. Describe Code of Medical Ethics 2002. Discuss Conduct, Etiquette and Ethics in medical practice and unethical practices & Dichotomy. Describe and discuss the Functions and role of National Medical Commission and State Medical Councils. Discuss Infamous conduct, disciplinary Committee, disciplinary procedures, warning notice and penal erasure.	Lecture PH1.37 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormones	SDL PH 1.40 Describe mechanism of action, types, doses, side effects, indications and contraindications of 1. Drugs used in the treatment of infertility, and 2. Drugs used in erectile dysfunction
04/10/2023	Wednesday	Lecture, MI 4.2, 4.3 Parasitic Infections of Skin, Soft Tissue and Musculoskeletal System I Tissue nematodes (filarial tissue nematodes, Dracunculus medinensis, Trichinella spiralis) - Life cycle, etiopathogenesis & lab diagnosis of Oncocerca , Loa loa, Mansonella, Drancunculus medinensis and Trichinella spiralis	Clinical posting			Lecture MI 4.2, 4.3 Parasitic Infections of Skin, Soft Tissue and Musculoskeletal System II Cutaneous leishmaniasis, Cysticercosis and larva migrans - 1. Morphology, etiopathogenesis & lab diagnosis of Cysticercosis and Cutaneous leishmaniasis 2. Etiology, clinical features & lab diagnosis of Larva migrans	SGD, MI 4.3, 8.13 Miscellaneous Bacterial Infections of Skin and Soft Tissues: Anthrax, Actinomycosis, Nocardiosis, Non-venereal treponematoses and others - 1. Etiopathogenesis & lab diagnosis of Anthrax 2. Morphology, etiopathogenesis, Lab diagnosis of Actinomycetes & Nocardia 3. Etiopathogenesis & lab diagnosis of Non-venereal treponematoses	DOAP MI 4.3, 8.15 (Practical) S 2. Case discussion on cutane 3. Demonstration of Candida

05/10/2023	Thursday	IM 22.7 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hypokalemia	Clinical posting			Lecture: PA28.16 Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of urothelial tumors	FORMATIVE ASSESSMENT 5	FORMATIVE ASSESSMENT 5
06/10/2023	Friday	SU13.1 Describe the immunological basis of organ transplantation	Clinical posting			Lecture PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	SGD PH1.49 Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs	Practical PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL
07/10/2023	Saturday	OG9.2 Describe the steps in the performance of MTP procedure	AETCOM 2.8 (Pharmacology)	AETCOM 2.8 (Pharmacology)	PRACTICAL DOAP (Trace evidences/slides) FM 14.7Demonstrate & identify that a particular stain is blood and identify the species of its origin. FM 14.8 Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	PRACTICAL DOAP (Trace evidences/slides) FM 14.7Demonstrate & identify that a particular stain is blood and identify the species of its origin. FM 14.8 Demonstrate the correct technique to perform and identify ABO & RH blood group of a person		
08/10/2023	Sunday							
09/10/2023	Monday	AITO Lecture PA30.1 Describe the epidemiology, pathogenesis, etiology, pathology, scre ening, diagnosis and progression of carcinoma of the cervix	Clinical posting			C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – HIV & AIDS	SGD/DOAP PA30.6 Describe the etiology and morphologic features of cervicitis , PA30.1 Describe the epidemiology, pathogenesis, etiology, pathology, scre ening, diagnosis and progression of carcinoma of the cervix	SGD PA30.5 Describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of gestational trophoblastic neoplasms
10/10/2023	Tuesday	Lecture PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	Clinical posting			SDL2.15 -2.16. Discuss Autopsies in custodial death and NHRC guidelines. Discuss Examination of mutilated bodies or fragments, charred bones and bundle of bones	Lecture PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	Practical PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL

11/10/2023	Wednesday	Lecture, MI 4.3 Fungal Infections of Skin, Soft Tissue and Musculoskeletal System 1: Superficial fungal infections, Subcutaneous fungal infections - 1. Classify superficial Mycosis and elaborate with examples 2. Classify subcutaneousl Mycosis and elaborate with examples 3. Clinical features & lab diagnosis of Dermatophytes	Clinical posting			Lecture, MI 4.3 Fungal Infections of Skin, Soft Tissue and Musculoskeletal System 2: Candidiasis (cutaneous and mucosal) and Penicillium marneffei infection - 1. Pathogenesis, clinical features & lab diagnosis of Candidiasis (cutaneous and mucosal) 2. Pathogenesis & lab diagnosis of Pencillium marneffei	Tutorial – Parasitic infection of the skin	Parasitology practical - ova and c
12/10/2023	Thursday	IM 22.8 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyperkalemia	Clinical posting			AITO Lecture PA30.2 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium, PA30.9 Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia	SGD PA30.8 Describe the etiology and morphologic features of adenomyosis. PA30.3 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the leiomyomas and leiomyosarcomas	SGD PA30.7 Describe the etiology, hormonal dependence, features and morphology of endometriosis
13/10/2023	Friday	**SU13.2 Discuss the Principles of immunosuppressive therapy. Enumerate Indications, describe surgical principles, management of organ transplantation. VERTICAL INTEGRATION with Microbiology , Pharmacology**	Clinical posting			Lecture PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	SGD PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	Practical PH1.11 Describe various routes of drug administration, eg., oral, SC, IV, IM, SL
14/10/2023	**Saturday**	OG9.3 Discuss the aetiology, clinical features, differential diagnosis of acute abdomen in early pregnancy (with focus on ectopic pregnancy)	AETCOM 2.8 (Pharmacology)	AETCOM 2.8 (Pharmacology)	Lecture PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	DOAP PH2.4 Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations		
15/10/2023	**Sunday**							

16/10/2023	Monday	Lecture PA30.4 Classify and describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of ovarian tumors	Clinical posting	C.M 8.3 Describe National AIDS Control Programme including prevention and treatment of a case (Including Counseling)	SGD/DOAP PA30.8 Describe the etiology and morphologic features of adenomyosis. DOAP FGT (Specimen and slides)	SGD/DOAP PA30.9 Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia, DOAP FGT (Specimen and slides)
17/10/2023	Tuesday	Practical PH1.41 Describe the mechanisms of action, types, doses, side effects, indications and contraindications of uterine relaxants and stimulants	Clinical posting	SGD FM 3.6 - 7. Discuss Factors influencing infliction of injuries and healing. Discuss Healing of injury and fracture of bones with its medico-legal importance. Describe Wound as a cause of death: Primary and Secondary. Describe and discuss Examination and certification of wounds AITO – ORTHOPAEDICS	Lecture PH1.38 Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroids	SDL PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)
18/10/2023	Wednesday	Lecture MI 6.1 Infective syndromes of respiratory tract - 1. Etiopathogensis of Upper respiratory tract infections (URTI). 2. Etiopathogensis of Lowe respiratory tract infections (LRTI). 3. Diagnosis of respiratory tract infections(RTI	Clinical posting	Lecture MI 6.1 Bacterial Lobar Pneumonia: Pneumococcal pneumonia, Klebsiella pneumoniae, Haemophilus influenzae pneumonia (Integrate with Medicine) - 1. Etiology, pathogenesis and lab diagnosis of Pneumococcal pneumonia (Klebsiella pneumoniae, Haemophilus influen 2. Enumerate the vaccines	Lecture MI 6.1 Bacterial Atypical (Interstitial) Pneumonia: Mycoplasma, Chlamydia, Legionella and others - 1. Etiopathogenesis of Atypical Pneumonia 2. Lab diagnosis of Mycoplasma, Chlamydia and Legionella	Lecture MI 6.1 Bacterial pharyng 2. Prevention of Dipthria
19/10/2023	Thursday	IM 22.9 Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis AITO - Physiology IM 22.10 Enumerate the causes of describe the clinical and laboratory features of metabolic alkalosis AITO - Physiology IM 22.11 Enumerate the causes and describe the clinical and laboratory features of respiratory acidosis AITO - Physiology IM 22.12 Enumerate the causes and describe the clinical and laboratory features of respiratory alkalosis AITO - Physiology	Clinical posting	Lecture PA33.1 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis	SGD PA33.4 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone	SGD PA33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis

20/10/2023	Friday	**SU11.1 Describe principles of Preoperative assessment. HORIZONTAL INTEGRATION with Anaesthesiology**	Clinical posting			Lecture PH1.38 Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroids	SGD PH1.36 Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)	FORMATIVE ASSESSMENT
21/10/2023	Saturday	OG9.3 Enumerate the principles of medical and surgical management of ectopic pregnancy	AETCOM 2.8 (Pharmacology)	AETCOM 2.8 (Pharmacology)	Revision	Revision		
22/10/2023	**Sunday**							
23/10/2023	Monday	AITO Lecture PA33.2 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors	Clinical posting			Define & Discuss strategies for early identification, prevention and control of Emerging and Re-emerging infectious diseases. & SDL	SGD/DOAP PA33.1 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis PA33.2 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors	"Lecture PA33.3 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of soft tissue tumors". Bone charts and specimens
24/10/2023	**Tuesday**							
25/10/2023	Wednesday	Lecture MI 6.1 Myxovirus Infections of respiratory tract I: Influenza and parainfluenza - 1. Differences between orthomyxovirus and paramyxovirus. 2. Morphology of influenza virus. 3. Types and subtypes of orthomyxovirus. 4. Haemagglutinin (HA) & Neuraminidase (NA) of influenza virus. 5. Antigenic drift & antigen shift. 6. Laboratory diagnosis of influenza. 7. Pandemic of influenza. 8. Vaccines used for preventions of influenza 9. Morphology and etiopathogenesis of parainfluenza virus.	Clinical posting			Revision Class		Summative Paper Discussion
26-31 Oct = SE T								
1-7 Nov =SE P								
8-14 Nov = Break								
Nov								

15/11/2023	Wednesday	Lecture MI 6.1 Coronavirus infections including COVID-19 - 1. Classification & morphology of Corona viruses 2. Pathogenesis, epidemiology and lab diagnosis of MERS COV and SARS COV2 3. Vaccine of COVID19	Clinical posting			Lecture MI 6.1, 8.16 Tuberculosis (Integrated with pathology, pulmonary medicine) - 1. Morphology of Mycobacterium tuberculosis 2. Pathogenesis & clinical features of pulmonary and extra pulmonary tuberculosis 3. Lab diagnosis of Tuberculosis 4. Koch's phenomenon. 5. Tuberculin skin test 6. Prophylaxis and treatment for Tuberculosis (National Tuberculosis Elimination program)	SDL MI 6.1 Bacterial pharyngitis: Streptococcus pyogenes others - 1. Etiopathogenesis, lab diagnosis of Streptococcus pyogenes 2. Complication of Bacterial Pharyngitis 3. Discuss in brief Mycoplasma pneumoniae	DOAP MI 6.2 (Practical) URTI (t 2. Perform Albert's Stain and 3. Case discussion on Strepto
16/11/2023	Thursday	PS1.1 Establish rapport and empathy with patients. PS1.4 Describe and demonstrate the importance of confidentiality in patient encounters.	Clinical posting			AITO Lecture PA34.1 Describe the risk factors pathogenesis, pathology and natural history of squamous cell carcinoma of the skin. PA34.2 Describe the risk factors pathogenesis, pathology and natural history of basal cell carcinoma of the skin	SGD PA34.3 Describe the distinguishing features between a nevus and melanoma. Describe the etiology, pathogenesis, risk factors morphology clinical features and metastases of melanoma	DOAP PA 34.4 Identify, distinguish and describe common tumors of the skin
17/11/2023	Friday	SU11.2 Enumerate the principles of general, regional, and local Anaesthesia.	Clinical posting			Lectiure PH1.32 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD	SGD PH5.1Communicate with the patient with empathy and ethics on all aspects of drug use	Skill station PH3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient
18/11/2023	Saturday	OG9.4 Discuss the clinical features, laboratory investigations, ultrasonography, differential diagnosis of gestational trophoblastic neoplasms	Pandemic Module		PRACTICAL DOAP((Trace evidences/Histopathology slides) FM 14.19 Identify & prepare medico-legal inference from histo-pathological slides of Myocardial Infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, Pulmonary oedema, brain oedema, soot particles, diatoms & wound healing	PRACTICAL DOAP((Trace evidences/Histopathology slides) FM 14.19 Identify & prepare medico-legal inference from histo-pathological slides of Myocardial Infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, Pulmonary oedema, brain oedema, soot particles, diatoms & wound healing		
19/11/2023	Sunday							

20/11/2023	Monday	AITO Lecture PA35.1 Describe the etiology, types and pathogenesis. differentiating factors. CSF findings in meningitis	Clinical posting		C.M 8.1 describe and discuss the epidemiological and control measures including the use of essential laboratory tests at primary care level for Communicable diseases – Plague & Tetanus	DOAP PA35.1 Describe the etiology, types and pathogenesis. differentiating factors. CSF findings in meningitis . PA35.3 Identify the etiology of meningitis based on given CSF parameters	DOAP PA35.1 Describe the etiology, types and pathogenesis. differentiating factors. CSF findings in meningitis . PA35.3 Identify the etiology of meningitis based on given CSF parameters
21/11/2023	Tuesday	Practical PH1.6 Describe principles of Pharmacovigilance & ADR reporting systems	Clinical posting		PRACTICAL DOAP(Age of Fetus) FM 14.13Perform age estimation of foetus by post-mortem examination	Tutorial - COVID	DOAP – Albert Stain 2 - 1. Perform Albert's Stain and Report
22/11/2023	Wednesday	Lecture MI 6.1, 8.16 Non-tuberculous mycobacteria (Integrated with pathology, pulmonary medicine) - 1. Classification of non-tuberculous mycobacteria. 2. Examples of different groups of non- tuberculous mycobacteria. 3. Diseases caused by non-tuberculous mycobacteria.	Clinical posting		Lecture MI 6.1. 6.2 Fungal Infections of Respiratory Tract: Zygomycosis, Aspergillosis, Pneumocystosis and others - 1. Etiolopathogenesis and lab diagnosis of Zygomycosis, Aspergilliosis, Penumocystosis	Tutorial - Tuberculosis	DOAP Alberts Stain 3 - 1. Perform Albert's Stain and Report
23/11/2023	Thursday	PS2.1 Define stress and describe its components and causes. PS2.2 Describe the role of time management, study skills, balanced diet and sleep wake habits in stress avoidance.	Clinical posting		PA35.2 Classify and describe the etiology, genetics, pathogenesis, pathology, presentation sequelae and complications of CNS tumors	SGD PA36.1 Describe the etiology, genetics. pathogenesis. pathology, presentation, sequelae and complications of retinoblastoma	DOAP CSF Charts
24/11/2023	Friday	**SU11.3 Demonstrate maintenance of an airway in a mannequin or equivalent. HORIZONTAL INTEGRATION with Anaesthesiology.**	Clinical posting			SGD PH5.2 Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of medicines	Skill lab PH3.2 Perform and interpret a critical appraisal (audit) of a given prescription
25/11/2023	Saturday	OG9.4 Discuss the principles of management and follow up of gestational trophoblastic neoplasm	Pandemic Module		pathology, presentation sequelae and complications of CNS		
26/11/2023	Sunday						
27/11/2023	Monday				tumors		

28/11/2023	Tuesday	Skill station PH3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient	Clinical posting	PRACTICAL DOAP (MLR for custody) FM 14.18 Examine & prepare medico-legal report of a person in police, judicial custody or referred by Court of Law and violation of human rights as requirement of NHRC, who has been brought for medical examination	SGD MI 6.1 Myxovirus Infections of respiratory tract II: Rubella, Mumps, Measles, Respiratory syncytial virus and others - 1. Pathogenesis of Rubelal, mumps virus and measles 2. MMR Vaccine 3. Pathogenesis of Respiratory syncytial virus. 4. Pathogenesis of Adenovirus	DOAP MI 6.2 (Practical) Throat swab (smears made from C. diphtheriae) and Alberts Stain Certification - 1. Albert Stain Certification
29/11/2023	Wednesday	Lecture, MI 6.1, 6.2 Parasitic Infections of Respiratory Tract: Paragonimiasis and others - 1. Lifecycle, pathogenesis and lab diagnosis of Paragonimiasis 2. Tropical Pulmonary Eosinophilia. 3. Migratory stages of intestinal Nematodes.	Clinical posting	Formative Assessment SSTI	Tutorial – Fungal and Parasitic infections of Respiratory Tract	DOAP 26 MI 6.2, 1.2 (Practical) Labaratory diagnosis of tuberculosis and Acid fast staining 3 - 1. Case discussion of Pulmonary and Extra Pulmonary Tuberculosis 2. Perform ZN Stain
30/11/2023	Thursday	PS2.3 Define and describe the principles and components of learning memory and emotions. PS2.5 Define and distinguish normality and abnormality.	Clinical posting	Formative Assessment 6	Revision	Revision
Dec						
01/12/2023	Friday	SU11.4 Enumerate the indications and principles of day care General Surgery.	Clinical posting	Lecture PH1.34 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD 2. Antiemetics and prokinetics 3. Antidiarrhoeals 4 . Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases	SGD PH1.32 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD	Skill lab PH3.3 Perform a critical evaluation of the drug promotional literature
02/12/2023	Saturday	OG9.5 Describe the aetiology, impact on maternal and fetal health and principles of management of hyperemesis gravidarum.	Pandemic Module			
03/12/2023	Sunday					
04/12/2023	Monday	Revision	Clinical posting	CM 5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions.	Revision	Revision

05/12/2023	Tuesday	Skill lab PH3.2 Perform and interpret a critical appraisal (audit) of a given prescription	Clinical posting	PRACTICAL DOAP (MLR for custody) FM 14.18 Examine & prepare medico-legal report of a person in police, judicial custody or referred by Court of Law and violation of human rights as requirement of NHRC, who has been brought for medical examination	SDL, MI 6.1 Pertussis (Bordetella pertussis) - 1. Morphology, Culture characteristics of Bordetella pertussis. 2. Laboratory diagnosis of whooping cough. 3. Pertussis Vaccines	DOAP – Certification of Acid Fast Stain - 1. Certification of ZN Stain
06/12/2023	Wednesday	Lecture MI 5.1, 5.2 Infective syndromes of central nervous system AND Chronic bacterial meningitis: Tubercular meningitis, Spirochaetal meningitis, Lyme disease - 1. Route of infection 2. Types of Meningitis 3. Clinical features and Lab diagnosis of a. Tubercular meningitis, b. Spirochaetal meningitis, c. Lyme disease	Clinical posting	Lecture: MI 1.1 Ear Infection - 1. Enumerate various sites of ear infections. 2. Otitis externa-etiological agents, various types and treatment. 3. Describe Otitis media and its various types in detail.	SGD, MI 6.1, 6.3, 4.3 Respiratory Infections due to non-fermenting gram-negative bacilli: Pseudomonas, Acinetobacter, Burkholderia and Others - 1. Etiopathogenesis, Morphology, culture characteristics and biochemical reactions of Pseudomonas aeruginosa. 2. Diseases caused by Burkholderia mallei. 3. Role of Acinetobacter in VAP 4. Stentrophomonas and Elizabethkingia infections	DOAP MI 6.2, 6.3 (Practical)Viral and Fungal infections of respiratory tract - 1. Case discussion on Influenza and COVID19 2. Case discussion on Aspergillosis 3. Demonstration of Microtitre plate (HA) 4. Demonstration of Rapid Antigen Test for COVID 5. Demonstration Tissue culture Bottle 6. Demonstration Aspergillus flavus and Aspergillus Fumigatus on SDA and LPCB
07/12/2023	Thursday	DR9.1 Classify, describe the epidemiology, microbiology, pathogenesis, clinical	Clinical posting	Revision	Revision	Revision
08/12/2023	Friday	SU11.5 Describe principles of providing post-operative pain relief and management of chronic pain.	Clinical posting	Lecture PH1.34 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD 2. Antiemetics and prokinetics 3. Antidiarrhoeals 4. Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases	SGD PH1.33 Describe the mechanism of action, types, doses, side effects, indications and contraindications of the drugs used in cough (antitussives, expectorants/ mucolytics)	Skill station PH3.4 To recognise and report an adverse drug reaction

09/12/2023	Saturday	OG10.1 Define and classify antepartum hemorrhage. Discuss the differentiating clinical features of placenta previa and abruptio placenta	Pandemic Module		Practical DOAP(Age estimation report writing) FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination	Practical DOAP(Age estimation report writing) FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination		
10/12/2023	Sunday							
11/12/2023	Monday	Revision	Clinical posting			CM 5.3 Define and describe common nutrition related health disorders(including macro -PEM their control and management)	Revision	Revision
12/12/2023	Tuesday	Skill lab PH3.3 Perform a critical evaluation of the drug promotional literature	Clinical posting			Practical DOAP(Age estimation report writing) FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination	SGD MI 5.1, 5.2 Infections of Central Nervous System 1 Parasitic infections: Toxoplasmosis Fungal infections: Cryptococcal meningitis - 1. Morphology, Life Cycle, Pathogenesis, Clinical features and Lab diagnosis of Toxoplasmosis 2. Morphology, Pathogenesis, Clinical features and Lab diagnosis of Cryptococcal meningitis	DOAP MI 5.3, 8.15 (Practical) Laboratory diagnosis of pyogenic meningitis (N. meningitidis, Streptococcus pneumoniae, S. agalactiae, Haemophilus influenzae) - 1. Case discussion on pyogenic meningitis 2. Demonstration GNDC 3. Demonstration Morphology of Streptococcus pneumonie and optochin test 4. Demonstration of CAMP Test
13/12/2023	Wednesday	Lecture MI 5.1 Acute bacterial (pyogenic) meningitis: Neisseria meningitidis, Streptococcus pneumoniae, Streptococcus agalactiae, Haemophilus influenzae and Listeria (Integrate with Pediatrics) - 1. Morphology, etiopathogenesis & lab diagnosis of Neisseria meningitis 2. Morphology, etiophogenesis & lab diagnosis of Streptococcus pneumonia, Haemophillus influenzae, Listeria	Clinical posting			Lecture, MI 5.2 Viral Encephalitis and Encephalopathy-1: Rabies, HSV encephalitis - 1. Describe Encephalitis and encephalopathy 2. Morphology, Etiopathogenesis and Lab diagnosis of Rabies 3. Pre and post Exposure Prophylaxis of Rabies 4. Briefly on HSV encephalitis	SGD: MI 5.1, 8.16 Viral meningitis and viral myelitis: Poliomyelitis, coxsackievirus, and others (Integrate with Pediatrics) - 1. Describe Viral meningitis and viral Myelitis 2. Morphology, Antigenic Type, Etiopathogenesis and Lab diagnosis of Poliomyelitis 3. Vaccines and National program for Poliomyelitis 4. Briefly on coxsackievirus, and others	Revision – Respiratory Tract Infections

14/12/2023	Thursday	DR10.6 Describe the etiology, diagnostic and clinical features of non-syphilitic sexually transmitted diseases (chancroid, donovanosis, LGV)	Clinical posting			Revision	Revision	Revision
15/12/2023	Friday	SU11.6 Describe Principles of safe General Surgery	Clinical posting			Skill station PH3.4 To recognise and report an adverse drug reaction	SGD PH1.34 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD 2. Antiemetics and prokinetics 3. Antidiarrhoeals 4 . Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases	Skill station 3.5 To prepare and explain a list of P-drugs for a given case/condition
16/12/2023	Saturday	OG10.1 Describe the aetiology, pathogenesis, clinical features, ultrasonography and management of abruptio placenta	Pandemic Module					
17/12/2023	Sunday							
18/12/2023	Monday	Revision	Clinical posting			CM 5.3 Define and describe common nutrition related health disorders(Micro –iron, Zn, iodine, Vit A their control and management)	Revision	Revision
19/12/2023	Tuesday	Skill station PH3.1 Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient	Clinical posting			Practical DOAP(Age estimation report writing) FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination	SGD MI 5.1, 5.2 Parasitic Infections of Central Nervous System-2 Neurocysticercosis, free-living Amoeba infections - Morphology, Life Cycle, Pathogenesis, Clinical features and Lab diagnosis of Neurocysticercosis, 2. Morphology, Life Cycle, Pathogenesis, Clinical features and Lab diagnosis of free-living Amoeba infections	DOAP MI 5.3, 8.15 (Practical) Laboratory diagnosis of aseptic meningitis (tubercular meningitis, cryptococcal meningitis) and encephalitis and ZN Stain - 1. Case Discussion of aseptic meningitis (tubercular meningitis, cryptococcal meningitis) and encephalitis 2. Demonstration of India Ink 3. Perform ZN Stain

20/12/2023	Wednesday	Lecture MI 5.2 Viral Encephalitis and Encephalopathy-2 : Arboviral encephalitis: Japanese encephalitis and West Nile Other Viral Encephlitis: Nipah and Hendra, Slow virus disease and others - 1. Etiology, clinical features & lab diagnosis of Japanese encephalitis and West Nile 2. Etiology, clinical features & lab diagnosis of Nipah virus, Hendra virus & Slow virus disease	Clinical posting			Revision Lecture Sterilization and Disinfection	SGD, MI 5.1 Tetanus - 1. Morphology, culture characteristics and biochemical reactions of Clostridium tetani 2. Laboratory diagnosis of tetanus. 3. Immunisation against tetanus	DOAP Gram Staining and Hanging Drop - Perform Gram Stain and Hanging Drop of E coli and Klebsiella
21/12/2023	Thursday	DR 18.1 Enumerate the cutaneous features of type 2 Diabetes	Clinical posting			Revision	Revision	Revision
22/12/2023	Friday	**SU12.1 Enumerate the causes and consequences of malnutrition in the surgical patient. VERTICAL INTEGRATION with Physiology**	Clinical posting			Practical PH1.10 Describe parts of a correct, complete and legible generic prescription. Identify errors in prescription and correct appropriately	SGD PH5.3 Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider	Skill station 3.5 To prepare and explain a list of P-drugs for a given case/condition
23/12/2023	Saturday	OG10.2 Enumerate the indications and describe the appropriate use of blood and blood products	Pandemic Module					
24/12/2023	Sunday							
25/12/2023	Monday							
26/12/2023	Tuesday	Practical PH1.12 Calculate the dosage of drugs using appropriate formulae for an individual patie	Clinical posting			Practical DOAP(Age estimation report writing) FM 14.4. Discuss Examining and Preparing age estimation report. DOAP session of ossification centres. FM 14.13. Describe and discuss estimating age of foetus by post-mortem examination	DOAP 19 MI 1.5 (Practical) Sterilization and	DOAP 19 MI 1.5 (Practical) Sterilization and disinfection (including CSSD visit)

27/12/2023	Wednesday	Lecture, MI 8.5, 8.6, 8.7 Healthcare-associated infections and Hospital Infection Prevention and Control - 1. Definition & indicators of Healthcare-associated infections (HAI) 2. Hospital Infection Prevention and Control 3. Hand Hygiene 4. PPE 5. Transmission based Precautions	Clinical posting			Lecture, MI 8.1, 8.6 Major healthcare-associated infection types—CAUTI. CRBSI, VAP, SSI (Integrate with medicine) - 1. Catheter Associated Urinary Tract Infection 2. Catheter Related Blood Stream Infection 3. Ventilator Associated Pneumonia 4. Skin and Soft Tissue Infection 5. .Surviellance of CAUTI, CRBSI, VAP, SSI 6. Prevention & care bundle of HAI	SGD: MI 8.4Emerging and re-emerging infections and microbial agents of bioterrorism (Integrate with Medicine) - 1. Definition of Emerging and Re-emerging infections 2. List of emerging and re-emerging infections. 3. Identify factors contributing to emerging and re-emerging infections. 4. Measures to contain emerging infections 5. Define bioterrorism 6. List the agents that can be used in bioterrorism	Formative Assessment Respiratory Tract Infections
28/12/2023	Thursday	CT2.1 Define and classify obstructive airway disease	Clinical posting			Revision	Revision	Revision
29/12/2023	Friday	**SU12.2 Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient. VERTICAL INTEGRATION with Physiology**	Clinical posting			Practical PH 1.7 Define, identify and describe the management of adverse drug reactions (ADR)	SGD PH5.4 Explain to the patient the relationship between cost of treatment and patient compliance	DOAP PH2.1 Demonstrate understanding of the use of various dosage forms (oral/local/parenteral; solid/liquid)
30/12/2023	Saturday	OG10.2 Describe the complications of blood transfusion and its management	Pandemic Module		PRACTICAL DOAP((Trace evidences/Histopathology slides) FM 14.19 Identify & prepare medico-legal inference from histo-pathological slides of Myocardial Infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, Pulmonary oedema, brain oedema, soot particles, diatoms & wound healing	PRACTICAL DOAP((Trace evidences/Histopathology slides) FM 14.19 Identify & prepare medico-legal inference from histo-pathological slides of Myocardial Infarction, pneumonitis, tuberculosis, brain infarct, liver cirrhosis, brain haemorrhage, bone fracture, Pulmonary oedema, brain oedema, soot particles, diatoms & wound healing		
31/12/2023	Sunday							
Jan								

01/01/2024	Monday	Revision	Clinical posting		CM 5.5 Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio-cultural factors.	Revision	Revision
02/01/2024	Tuesday	Practical PH1.9 Describe nomenclature of drugs i.e. generic, branded drugs	Clinical posting		PRACTICAL DOAP(Injury report) FM 14.1 Discuss Examination and preparation of Medico-legal report of an injured person with different etiologies in a simulated/ supervised environment	SGD, MI 8.8 Environmental surveillance (Bacteriology of water, air and surfaces) - 1. Water Surveillance – Detection of Enteric pathogens in water 2. Air Surveillance – Evaluation of Quality of Air in OT 3. Surface Surveillance 4. Bacteriology of Milk	DOAP MI 8.7 (Practical) Hand hygiene and PPE - 1. Demonstration of steps of HH 2. Demonstration of PPE 3. Demonstration of Donning and Doffing of PPE 4. Transmission based precautions
03/01/2024	Wednesday	Lecture MI 1.1 Congenital Infections 1: Cytomegalovirus infections, congenital varicella, neonatal herpes, congenital rubella - 1. Etiopathogenesis, Manifestation, Lab diagnosis and treatment of cytomegalovirus infections in pregnancy 2. Etiopathogenesis, Manifestation, Lab diagnosis and treatment of Varicella-zoster Virus infection in pregnancy. 3. Etiopathogenesis, manifestation, Lab diagnosis and prevention of Congenital Rubella Syndrome	Clinical posting		Lecture MI 1.1 Congenital Infections 2: Congenital toxoplasmosis, congenital syphilis, Zika virus infections and other - 1. Etiopathogenesis, Life cycle, Manifestation, Lab diagnosis and treatment of congenital toxoplasmosis. 2. Etiopathogenesis, Manifestation, Lab diagnosis and treatment Congenital Syphilis 3. Etiopathogenesis, Manifestation, Lab diagnosis and treatment/ Prevention of Zika Virus infection in pregnancy	Revision - Vector Borne Diseases 1 - 1. Malaria 2. Dengue 3. Chikungunya	Revision - Vector Borne Diseases 2 - 1. Kala Azar 2. Filaria 3. Japanese Encephalitis
04/01/2024	Thursday	CT2.2 Describe and discuss the epidemiology, risk factors and evolution of obstructive airway disease	Clinical posting		Revision	Revision	Revision
05/01/2024	Friday	**SU12.3 Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications. VERTICAL INTEGRATION with Biochemistry**	Clinical posting		Practical PH1.7 Define, identify and describe the management of adverse drug reactions (ADR)	SGD PH5.5 Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management	DOAP PH2.2 Prepare oral rehydration solution from ORS packet and explain its use
06/01/2024	Saturday	OG11.1 Describe the etiopathology diagnosis and investigations of multiple Pregnancy	Pandemic Module				
07/01/2024	Sunday						
08/01/2024	Monday	Revision	Clinical posting		CM 5.8 Describe and discuss the importance and methods of Food fortification and effects of additives and adulteration (including food intoxicants)	Revision	Revision

09/01/2024	Tuesday	Practical PH1.8 Identify and describe the management of drug interactions	Clinical posting			PRACTICAL DOAP (Trace evidences/slides) FM 14.7Demonstrate & identify that a particular stain is blood and identify the species of its origin. FM 14.8 Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	SGD, MI 8.5, 8.6 Needle stick injury - 1. What is needle stick Injury 2. When does it occur 3. Diseases transmitted through Needle Stick injury 4. Prevention of NSI	DOAP – Gram stain and Hanging drop - Perform gram stain and hanging drop of Pseudomonas and Proteus
10/01/2024	Wednesday	Lecture MI 8.1 Zoonotic infections: Classification, Plague, Tularaemia, Bite wound infections and others - 1. Enumerate common zoonotic infections 2. Epidemiology, Clinical Manifestation and Laboratory diagnosis of Plague 3. Epidemiology, Clinical Manifestation and Laboratory diagnosis of Tularemia 4. Animal Bite infections 5. Other Zoonotic Diseases	Clinical posting			Lecture MI 8.3 Organisms with Oncogenic Potential Human papilloma virus, Kaposi sarcoma, HTLV and HIV, Epstein-barr virus, hepatitis B and C, and others -1. Oncogenes and mechanism of viral oncogenesis. 2. Oncogenic RNA Virus 3. Oncogenic DNA virus	Formative Assessment Central Nervous System	Formative Assessment Central Nervous System
11/01/2024	Thursday	CT2.18 Develop a therapeutic plan including use of bronchodilators and inhaled corticosteroids in OAD	Clinical posting			Revision	Revision	Revision
12/01/2024	Friday	SU13.3 Discuss the legal and ethical issues concerning organ donation	Clinical posting			Skill station PH3.6 Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs	SGD PH5.6 Demonstrate ability to educate public & patients about various aspects of drug use including drug dependence and OTC drugs	DOAP PH2.3 Demonstrate the appropriate setting up of an intravenous drip in a simulated environment
13/01/2024	Saturday	OG11.1 Describe the clinical features and principles of management of multiple pregnancy	Pandemic Module					
14/01/2024	Sunday							
15/01/2024	Monday	Revision	Clinical posting			REVISION	Revision	Revision

16/01/2024	Tuesday	Skill lab PH3.8 Communicate effectively with a patient on the proper use of prescribed medication	Clinical posting	PRACTICAL DOAP . (Weapon examination) FM 14.11 Identify & describe weapons of medicolegal importance which are commonly used e.g. lathi, knife, kripan, axe, gandasa, gupti, farsha, dagger, bhalla, razor & stick. Able to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report/ PM report so as to connect weapon with the injuries.	SGD, MI 1.1 Ocular Infection -1. Enumerate various ocular infective syndromes. 2. Ocular bacterial infections-conjunctivitis, keratitis, uveitis, endophthalmitis, blepharitis, dacrocystitis and orbital cellulitis. 3. Ocular Viral Infections-Viral Kerato conjunctivitis, retinitis. 4. Ocular parasitic infections-acanthoamoeba kertitis, ocular toxoplasmosis, ocular leishmaniasis, ocular malaria, ocular cysticercosis, ocular onchocerciasis, ocular trichinellosis and ocular larva migrans. 5. Ocular fungal infections-corneal ulcer, mucormycosis, other infections of eye.	DOAP MI 8.7 (Practical) Biomedical waste - Demonstration of coloured biomedical waste bags
17/01/2024	Wednesday	Lecture, MI 8.5, 8.6 Biomedical waste - 1. Biomedical waste management latest rules & guidelines 2. Segregation & disposal of biomedical waste 3. Special consideration for COVID waste	Clinical posting	Lecture MI 8.16 National Health Programmes for Communicable Diseases (Integrate with Community Medicine) - 1. Discuss briefly 2. The National Tuberculosis Elimination Programme 3. National AIDS control Programme 4. National Vector Borne Disease Control Programme 5. National Viral Hepatitis Control Programme 6. National Leprosy Eradication Programme 7. National Polio Programme 8. Guinea Worm Eradication Programme 9. National Health Mission—Integrated Disease Surveillance Project (IDSP) 10. National Programme on Containment of Antimicrobial Resistance (AMR)	SGD: MI 8.2 Opportunistic infections and Transplant infections - 1. Define opportunistic Infection 2. Risk Factors for developing opportunistic Infection 3. List of Opportunistic Infections 4. Define Transplant Infections 5. Risk Factors for developing Transplant Infections 6. Sources of Infection 7. List of Transplant Infection	Tutorial – Congenital Infections
18/01/2024	Thursday	CT2.22 Demonstrate and counsel patient on the correct use of inhalers	Clinical posting	Revision	Revision	Revision
19/01/2024	Friday	SU18.1 Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infection.	Clinical posting	Skill station PH3.7 Prepare a list of essential medicines for a healthcare facility	SGD PH5.7Demonstrate an understanding of the legal and ethical aspects of prescribing drugs	DOAP PH2.4 Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations

20/01/2024	Saturday	OG11.1 Describe the antepartum, intrapartum and postpartum complications of multiple pregnancy	Pandemic Module		PRACTICAL DOAP . (Weapo examination) FM 14.11 Identify & describe weapon of medicolegal importance whic are commonly u e.g. lathi, knife kripan, axe, gandasa, gupti, farsha, dagger, bhalla, razor & stick. Able to prepare report of the weapons brought by police and to give opinion regarding injuries present on the person as described in injury report/ PM report so as to connect weapon with the injuries.	AL DOAP . (Weapon on) FM 14.11 Identify & weapons of medicolegal e which are commonly used e.g. e, kripan, axe, gandasa, gupti, gger, bhalla, razor & stick. Able report of the weapons brought nd to give opinion regarding sent on the person as described port/ PM report so as to connect the injuries.		
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22-Jan to 6 Feb 2024	Sent-up examinatio n							
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29/2/2024	Thursday							

Professional Examination 1-16 March 2024

HOD Pathology | HOD Microbiology | HOD Pharmacology | HOD Forensic Medicine | HOD Community Medicine | HOD Medicine | HOD OBGY

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