

Time Table for 4th phase (March 2023 to Jan 2024) KIMS, Karad

MBBS, CBME-2019 Batch, 3RD PHASE, 2nd PART [4th phase]

Total teaching hours for 4th phase MBBS

Subjects	Gen medicine	Gen Surgery	OB & Gyn	Pediatrics	Orthopedic s	Dermat & VL
LGT	70	70	70	20	20	0
Clinical P	10 wks	10 wks	10 wks	4 wks	2 wks	2 wks
SGT & SDL	125+15	125+15	125+15	35+10	25+5	0
AETCOM	Number of Modules: 9; Number of Hours: 45					
1 st Internal assessment: Theory: [25-Jul-23 to 29-Jul-23] ; Feedback of 1st IA: [31-Jul-23 to 4-Aug-23]						
2 nd Assessment/ Prelim: Prelim Examination: Theory [8-Jan-24 to 11-Jan-24] & Practical [15-Jan-24 to 18-Jan-24]						
Summative E: (university Examination): Feb: 2024; Result: Feb 3 rd week ; Internship: March: 2024						
LGT 8am -9 am 9am -10 am	Clinical Posting 10 -1 pm	Lunch: 1-2 pm			SGT: 2-5 pm SGT/SGD Skill Lab	
MEDICINE [9-10 am]	SURGERY [8-9 am]	OBGY [8-9 am]	PEDIATRICS [9-10 am]	ORTHOPAEDICS [9-10 am]		
Tuesday	Saturday	Monday	Wednesday	Monday		
Friday	Wednesday	Thursday	Sunday	Holiday		

Teaching hours

Subjects	Teaching Hours	Tutorials/Seminars /Integrated Teaching(hours)	Self - Directed Learning (hours)	Total * (hours)
General Medicine	70	125	15	210
General Surgery	70	125	15	210
Obstetrics & Gyn	70	125	15	210
Pediatrics	20	35	10	65
Orthopaedics	20	25	5	50
Clinical Postings**[44 wk]	44×6×3=			792
AETCOM Module***	28		16	43
Electives				200
Total	250	435	60	1780

1. **25% of allotted time of third professional shall be utilized for integrated learning with pre- and para- clinical subjects and shall be assessed during the clinical subject's examination. This allotted time will be utilized as integrated teaching by para-clinical subjects with clinical subjects (as Clinical Pathology, Clinical Pharmacology and Clinical Microbiology).
2. ** The clinical postings in the third professional part III shall be 18 hours per week (3 hrs per day from Monday to Saturday).
3. *** Hours from clinical postings can also be used for AETCOM modules

Clinical Posting

Subject	III MBBS Part II
Electives	8* (4 regular clinical posting) March 2023
In four of the eight weeks of electives, regular clinical postings shall be accommodated.	
General Medicine	8+4
General Surgery	8+4
Obstetrics & Gynaecology	8+4
Pediatrics	4
Orthopedics - including Trauma	2
Dermatology VL	2

Clinical Posting Time table (10 am to 1 pm)[Monday to Saturday]

20/03/2023 to 06/08/2023

Date	Medicine (5 weeks)	Surgery (5 weeks)	OB.GYN. (5 weeks)	Pediatrics (2 weeks)	Orthopedics (2 weeks)
20/03/2023 to 23/04/2023	A	B	C	D 20/03/2023 to 02/04/2023	D 03/04/2023 to 16/04/2023
24/04/2023 to 28/05/2023	B	C	D	A 24/04/2023 to 07/05/2023	A 08/05/2023 to 21/05/2023
29/05/2023 to 02/07/2023	C	D	A	B 29/05/2023 to 11/06/2023	B 12/06/2023 to 25/06/2023
03/07/2023 to 06/08/2023	D	A	B	C 03/07/2023 to 16/07/2023	C 17/07/2023 to 30/07/2023

14/08/2023 to 31/12/2023

Date	Medicine (5 weeks)	Surgery (5 weeks)	OB.GYN. (5 weeks)	Pediatrics (2 weeks)	Dermatology (2 weeks)
14/08/2023 to 17/09/2023	A	B	C	D 14/08/2023 to 27/08/2023	D 28/08/2023 to 10/09/2023
18/09/2023 to 22/10/2023	B	C	D	A 18/09/2023 To 01/10/2023	A 02/10/2023 To 15/10/2023
23/10/2023 to 26/11/2023	C	D	A	B 23/10/2023 To 05/11/2023	B 06/11/2023 To 19/11/2023
27/11/2023 to 31/12/2023	D	A	B	C 27/11/2023 To 10/12/2023	C 11/12/2023 To 24/12/2023

SGT Time table (2 pm to 5 pm) [Monday to Saturday]

03/04/2023 to 23/07/2023

Date	Medicine including pandemic module (4 weeks)	Surgery (4 weeks)	OB.GYN. (4 weeks)	Pediatrics (2 weeks)	Orthopedics (2 weeks)
03/04/2023 to 30/04/2023	A	B	C	D 03/04/2023 To 16/04/2023	D 17/04/2023 to 30/04/2023
01/05/2023 to 28/05/2023	B	C	D	A 01/05/2023 to 14/05/2023	A 15/05/2023 to 28/05/2023
29/05/2023 to 25/06/2023	C	D	A	B 29/05/2023 to 11/06/2023	B 12/06/2023 to 25/06/2023
26/06/2023 to 23/07/2023	D	A	B	C 26/06/2023 to 09/07/2023	C 10/07/2023 To 23/07/2023

14/08/2023 to 03/12/2023

Date	Medicine (4 weeks)	Surgery (4 weeks)	OB.GYN. (4 weeks)	Pediatrics (2 weeks)	Orthopedics (2 weeks)
14/08/2023 to 10/09/2023	A	B	C	D 14/08/2023 to 27/08/2023	D 28/08/2023 to 10/09/2023
11/09/2023 to 08/10/2023	B	C	D	A 11/09/2023 to 24/09/2023	A 25/09/2023 to 08/10/2023
09/10/2023 to 05/11/2023	C	D	A	B 09/10/2023 to 22/10/2023	B 23/10/2023 to 05/11/2023
06/11/2023 to 03/12/2023	D	A	B	C 06/11/2023 to 19/11/2023	C 20/11/2023 to 03/12/2023

Attitude, Ethics & Communication Module (AETCOM) 4th phase MBBS
 [Hours from clinical postings can also be used for AETCOM modules]

No. of Module (PY-4): 9	No. of Hours: 45	
Competencies	Assessment	
23. (M 26.20) Demonstrate ability to communicate to patients in a patient, respectful, non threatening, non judgmental and empathetic manner	SH SH	FA- Yes SA – Yes
34. (IM 26.29) Communicate diagnostic and therapeutic options to patient and family in a simulated environment 7 Hours:(1 + 2 + 4) communication – 5[ortho]		
(Module no 4.2 Aetcom) Identify discuss and defend medico-legal socioeconomic and ethical issues as it pertains to abortion / medical termination of pregnancy and reproductive rights 5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) (MLC-Ethical) [GYN]	KH	FA- Yes SA – Yes
(IM 26.8) Identify discuss medico-legal socioeconomic and ethical issues as it pertains to organ donation 5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) [SUR]	KH	FA- Yes SA – Short questions
5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) empathy		FA- Yes SA – Short questions
40. (IM 26.35) Demonstrate empathy in patient encounters	SH	
35. (IM 26.30) Communicate care options to patient and family with a terminal illness in a simulated environment [Med]	SH	
(IM 26.18) Identify discuss and defend medico-legal socio-cultural professional and ethical issues as it pertains to the doctor - industry relationships 5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) [Med]	KH	FA- Yes SA – Short questions
(IM 26.34) Identifies conflicts of interest in patient care and professional relationships and describes the correct response to these conflicts 5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) [Med]	SH	FA- Yes SA – Short questions
(PE 35.1) Identify discuss and defend medico-legal socio-cultural and ethical issues as it pertains to health care in children. [5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) [PAED]	SH	FA- Yes SA – Short questions
(Module 4.8) Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts 5Hours=(Introduction1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) Dealing with death (The Empty Bed) [SUR]	SH	FA- Yes SA – Short questions
49. (IM 26.44) Identify, discuss and defend medico-legal, socio-cultural professional and ethical issues pertaining to medical negligence	KH	FA- Submitted summary may be used as assessment
50. (IM 26.45) Identify, discuss and defend medico-legal, socio-cultural professional and ethical issues pertaining to malpractice Hours 4 (Medical Negligence) [SUR]	KH	SA- Short Q

SGT: Pandemic Module: Phase III: part 2 Module 4

The students should be able to:	Level
Describe and discuss the triage facilities required for persons during epidemics	KH
Demonstrate the role of IMG in triage and referral	SH
Demonstrate the ability to manage a suspected/confirmed case in the emergency room during a pandemic	SH
Demonstrate the ability to perform life-saving interventions during outbreaks, ensuring safety of HCWs	SH
Demonstrate the ability to handle death related events during outbreaks	SH
Demonstrate the ability to prepare media reports, use online communication	SH
Demonstrate the ability to handle media communication and education	SH
Demonstrate the ability to recognise spam & fake messages	SH
Visit, enumerate and describe the functions of an Intensive Care Unit	KH
Enumerate and describe the criteria for admission and discharge of a patient to an ICU	KH
Observe and describe the management of an unconscious patient	KH
Observe and describe the basic setup process of a ventilator	KH
Observe and describe the principles of monitoring in an ICU	KH
Demonstrate an understanding and needs and preferences of Patients when choosing curative and palliative therapy.	KH

LGT Time-Table KIMS, Karad [March 6th 2023 to Jan 2024]

3rd phase 2nd part [4th phase] [MBBS]

Clinical Posting	10-1 pm	Lunch: 1-2 pm	SGT: 2-5 pm SGT/SGD	
MEDICINE [9-10 am]	SURGERY [8-9 am]	OBGY [8-9 am]	PEDIATRICS [9-10 am]	ORTHOPAEDICS [9-10 am]
Tuesday	Saturday	Monday	Wednesday	Monday
Friday	Wednesday	Thursday	Sunday	Holiday

LGT Time Table for 4th phase from March 2023 to Jan 2024

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
6-Mar-23	Monday	OBGY & Ortho	OG2.1 Anatomy of female genital tract	OR 2.11 Describe and discuss the aetio-pathogenesis, mechanism of injury, clinical features, investigations and principles of management of (a) Fracture patella (b) Fracture distal femur (c) Fracture proximal tibia with special focus on neurovascular injury and compartment syndrome
7-Mar-23	Tuesday	Medicine		IM1.3 Describe and discuss the etiology, microbiology, pathogenies and clinical evolution of rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis
8-Mar-23	Wednesday			Holi
9-Mar-23	Thursday	OBGY & Ortho	OG3.1 Reproductive Physiology	OR 2.12 Describe and discuss the etio-pathogenesis, clinical features, investigations and principles of management of Fracture shaft of femur in all age groups and the recognition and management of fat embolism as a complication
10-Mar-23	Friday	Medicine		IM1.23 Describe, prescribe and communicate non pharmacologic management of heart failure including sodium restriction, physical activity and limitations
11-Mar-23	Saturday	Surgery	Su.14.1. Describe Aseptic techniques, sterilization and disinfection. Su.14.2 Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general	
12-Mar-23	Sunday			

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
13-Mar-23	Monday	OBGY/Ortho	OG24.1 Abnormal uterine bleeding	OR 2.13 Describe and discuss the etiopathogenesis, clinical features, Investigation and principles of management of: (a) Fracture both bones leg (b) Calcaneus Small bones of foot
14-Mar-23	Tuesday	Medicine		IM2.1 Discuss and describe the epidemiology, antecedents and risk factors for atherosclerosis and ischemic heart disease. IM2.5 Define the various acute coronary syndromes and describe their evolution, natural history and outcomes
15-Mar-23	Wednesday	Surgery & Paeds	Su.14.3 Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	PE.21.5 Enumerate the etiopathogenesis, clinical features, complications and management of Acute Renal Failure in children, PE.21.6 Enumerate the etiopathogenesis, clinical features, complications and management of chronic kidney disease in children.
16-Mar-23	Thursday	OBGY & Ortho	OG23.1 Puberty normal and abnormal	OR 2.14 Describe and discuss the etiopathogenesis, clinical features, Investigation and principles of management of ankle fractures
17-Mar-23	Friday	Medicine		IM5.1 Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia
18-Mar-23	Saturday	Surgery	Su.3.1 Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion. Su.3.2 Observe blood transfusions Su.3.3 Counsel patients and family/ friends for blood transfusion and blood donation	
19-Mar-23	Sunday			
20-Mar-23	Monday	OBGY & Ortho	OG 25.1 Amenorrhoea	OR 2.15 Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
21-Mar-23	Tuesday	Medicine		IM5.2 Describe and discuss the etiology and pathophysiology of liver injury
22-Mar-23	Wednesday			GudiPadwa
23-Mar-23	Thursday	OBGY &Ortho	OG2.1 Congenital malformation of the genital tract	OR 2.16 Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management
24-Mar-23	Friday	Medicine		IM 5.3 Describe and discuss the pathologic changes in various forms of liver disease
25-Mar-23	Saturday	Surgery	SU5.1 Describe normal wound healing and factors affecting healing. SU5.2 Elicit, document and present a history in a patient presenting with wounds.	
26-Mar-23	Sunday			
27-Mar-23	Monday	OBGY &Ortho	OG30.1 Polycystic ovary syndrome	OR 3.1 [Part 1] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infection - a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection e) Spirochaetal infection f) Skeletal Tuberculosis
28-Mar-23	Tuesday	Medicine		IM 5.4 Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis
29-Mar-23	Wednesday	Surgery & Paeds	SU5.3 Differentiate the various types of wounds, plan and observe management of wounds. SU5.4 Discuss medico legal aspects of wounds	PE.21.17 Describe the etiopathogenesis, grading, clinical features and management of hypertension in children
30-Mar-23	Thursday	OBGY &Ortho	OG 30.2 Hirsutism	OR 3.1 [Part 2] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infection - g) Acute Osteomyelitis

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
				h) Subacuteosteomyelitis i) AcuteSuppurativearthritis j) Septicarthritisis&HIVinfectio n k) Spirochaetalinfection SkeletalTuberculosis
31-Mar-23	Friday	Medicine		IM 5.5 Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease
1-Apr-23	Saturday	Surgery	SU6.1 Define and describe the etiology and pathogenesis of surgical Infections SU6.2 Enumerate Prophylactic and therapeutic antibiotics Plan appropriate management	
2-Apr-23	Sunday			
3-Apr-23	Monday	OBGY & Ortho	OG28.1 Infertility – overview of etiology	OR 4.1 Describe and discuss the clinical features, Investigation and principles of management of Tuberculosis affecting major joints (Hip, Knee) including cold abscess and caries spine
4-Apr-23	Tuesday	Medicine		IM 5.6 Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy
5-Apr-23	Wednesday	Surgery & Paeds	Su.9.1 Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient Su.9.2 Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	PE.22.1 Enumerate the common Rheumatological problems in children. Discuss the clinical approach to recognition and referral of a child with Rheumatological problem PE.22.3 Describe the diagnosis and management of common vasculitic disorders including Henoch Schonlein Purpura, Kawasaki Disease, SLE, JIA
6-Apr-23	Thursday	OBGY & Ortho	OG28.1 Male infertility	OR5.1 [Part 1] Describe and discuss the etio pathogenesis, clinical features, investigations and principles of management of various inflammatory disorder of joints

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
7-Apr-23	Friday	Medicine		IM 6.6 Describe and discuss the pathogenesis, evolution and clinical features of common HIV related skin and oral lesions
8-Apr-23	Saturday	Surgery	SU8.1 Describe the principles of Ethics as it pertains to General Surgery SU8.2 Demonstrate Professionalism and empathy to the patient undergoing General Surgery Su.8.3 Discuss Medico-legal issues in surgical practice	
9-Apr-23	Sunday			
10-Apr-23	Monday	OBGY	OG28.1 Endometriosis	
11-Apr-23	Tuesday	Medicine		IM 6.7 Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes risk factors for HIV, mode of infection, other sexually transmitted diseases, risks for opportunistic infections and nutritional status
12-Apr-23	Wednesday	Surgery & Paeds	SU24.1 Describe the clinical features, principles of investigation, prognosis and management of pancreatitis.	PE.23.1 Discuss the Hemodynamic changes, clinical presentation, complications and management of acyanotic Heart Diseases -VSD, ASD and PDA
13-Apr-23	Thursday	OBGY	OG28.4 Assisted reproductive technology	
14-Apr-23	Friday			DR Ambedkar Jayanti
15-Apr-23	Saturday	Surgery	SU24.2 Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours SU24.3 Describe the principles of investigation and management of Pancreatic disorders including pancreatitis and endocrine tumors.	
16-Apr-23	Sunday			
17-Apr-23	Monday	OBGY	OG32.1 Menopause and hormone replacement therapy	
18-Apr-23	Tuesday	Medicine		IM 6.13 Describe and enumerate the indications and side effects of drugs for bacterial, viral and other types of diarrhea
19-Apr-23	Wednesday	Surgery & Paeds	SU15.1 Describe classification of hospital waste and	PE.23.2 Discuss the Hemodynamic changes, clinical presentation,

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			appropriate methods of disposal.	complications and management of Cyanotic Heart Diseases – Fallot Physiology PE.23.3 Discuss the etiopathogenesis, clinical presentation and management of cardiac failure in infant and children
20-Apr-23	Thursday	OBGY	OG29.1 Benign diseased of uterus – Fibroid and adenomyosis	
21-Apr-23	Friday	Medicine		IM 6.16 Discuss and describe the principles of HAART, the classes of antiretroviral used, adverse reactions and interactions
22-Apr-23	Saturday			Ramzan-Id
23-Apr-23	Sunday			
24-Apr-23	Monday	OBGY	OG34.1 Benign diseases of ovary	
25-Apr-23	Tuesday	Medicine		IM 6.17 Discuss and describe the principles and regimens used in post exposure prophylaxis
26-Apr-23	Wednesday	Surgery & Paeds	Su.7.1 Describe the Planning and conduct of Surgical audit Su. 7.2 Describe the principles and steps of clinical research in General Surgery	PE.23.4 Discuss the etiopathogenesis, clinical presentation and management of Acute Rheumatic Fever in children PE.23.5 Discuss the clinical features, complications, diagnosis, management and prevention of Acute Rheumatic Fever PE.23.6 Discuss the etiopathogenesis, clinical features and management of Infective endocarditis in children
27-Apr-23	Thursday	OBGY	OG 22.1 Benign diseases of lower genital tract	
28-Apr-23	Friday	Medicine		IM 6.18 Enumerate the indications and discuss prophylactic drugs used to prevent HIV related opportunistic infections
29-Apr-23	Saturday	Surgery	Su. 11.5 Describe principles of providing post-operative pain relief and management of chronic pain. Su. 11.6 Describe Principles of safe General Surgery	
30-Apr-23	Sunday			
1-May-23	Monday			Maharashtra Day
2-May-23	Tuesday	Medicine		IM 9.11 Describe the indications and interpret the results of a

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
				bone marrow aspirations and biopsy
3-May-23	Wednesday	Surgery & Paeds	Su.12.1 Enumerate the causes and consequences of malnutrition in the surgical patient Su. 12.2 Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient	PE.24.1 Discuss the etiopathogenesis, classification, clinical presentation and management of diarrheal diseases in children. PE.24.2 Discuss the classification and clinical presentation of various types of diarrheal dehydration PE.24.3 Discuss the physiological basis of ORT, types of ORS and the composition of various types of ORS in children PE.24.4 Discuss the types of fluid used in Pediatric diarrheal diseases and their composition PE.24.5 Discuss the role of antibiotics, antispasmodics, antisecretory drugs, probiotics, anti-emetics in acute diarrheal diseases
4-May-23	Thursday	OBGY	OG 27.1 Sexually transmitted infection	
5-May-23	Friday	Medicine		IM 9.12 Describe, develop a diagnostic plan to determine the etiology of anemia
6-May-23	Saturday	Surgery	Su. 12.3 Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications	
7-May-23	Sunday			
8-May-23	Monday	OBGY	OG27.4 Pelvic inflammatory disease	
9-May-23	Tuesday	Medicine		IM 9.17 Describe the indications for blood transfusion and the appropriate use of blood components
10-May-23	Wednesday	Surgery & Paeds	Su.1. Describe basic concepts of perioperative care.	PE.24.6 Discuss the causes, clinical presentation and management of persistent diarrhea in children PE.24.7 Discuss the causes, clinical presentation and management of chronic diarrhea in children. PE.24.8 Discuss the causes, clinical presentation and management of dysentery in children
11-May-23	Thursday	OBGY	OG27.2 Female genital tuberculosis	
12-May-23	Friday	Medicine		IM 9.18 Describe the precautions required necessary

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
				when performing a blood transfusion
13-May-23	Saturday	Surgery	Su.1.2 Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators. Su.1.3 Describe the factors that affect the metabolic response to injury.	
14-May-23	Sunday			
15-May-23	Monday	OBGY	OG31.1 Pelvic Organ prolapse	
16-May-23	Tuesday	Medicine		IM 10.25 Identify and describe the priorities in the management of ARF including diet, volume management, alteration in doses of drugs, monitoring and indications for dialysis
17-May-23	Wednesday	Surgery & Paeds	Su.10.1 Describe the principles of perioperative management of common surgical procedures	PE.26.1 Discuss the etiopathogenesis, clinical features and management of acute hepatitis in children PE.26.2 Discuss the etiopathogenesis, clinical features and management of Fulminant Hepatic Failure in children PE.26.3 Discuss the etiopathogenesis, clinical features and management of chronic liver diseases in children.
18-May-23	Thursday	OBGY	OG 26.1 Genital and Urinary tract injuries	
19-May-23	Friday	Medicine		IM 10.26 Describe and discuss supportive therapy in CKD including diet, antihypertensives, glycemic therapy, dyslipidemia, anemia, hyperkalemia, hyperphosphatemia and secondary hyperparathyroidism
20-May-23	Saturday	Surgery	Su.16.1 Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery	
21-May-23	Sunday			
22-May-23	Monday	OBGY	OG20.1 Hormonal Contraception	
23-May-23	Tuesday	Medicine		IM 10.27 Describe and discuss the indications for renal dialysis

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
24-May-23	Wednesday	Surgery & Paeds	Su.17.1 Describe the Principles of FIRST AID Su.17.2 Demonstrate the steps in Basic Life Support. Transport of injured patient in a simulated environment	PE.27.5 Describe the etiopathogenesis, clinical approach and management of Shock in children
25-May-23	Thursday	OBGY	OG 21.1 Other Contraceptive method	
26-May-23	Friday	Medicine		IM 10.28 Describe and discuss the indications for renal replacement therapy
27-May-23	Saturday	Surgery	Su.17.4 Describe Pathophysiology, mechanism of head injuries Su.17.5 Describe clinical features for neurological assessment and GCS in head injuries Su.17.6 Choose appropriate investigations and discuss the principles of management of head injuries	
28-May-23	Sunday			
29-May-23	Monday	OBGY	OG 19.1 Sterilization	
30-May-23	Tuesday	Medicine		IM 10.29 Describe discuss and communicate the ethical and legal issues involved in renal replacement therapy
31-May-23	Wednesday	Surgery	SU17.7 Describe the clinical features of soft tissue injuries. Choose appropriate investigations and discuss the principles of management	
1-Jun-23	Thursday	OBGY	OG20.1 Medical Termination of pregnancy	
2-Jun-23	Friday	Medicine		IM 10.30 Recognise the impact of CKD on patient's quality of life well being work and family
3-Jun-23	Saturday	Surgery	SU17.8 Describe the pathophysiology of chest injuries. SU17.9 Describe the clinical features and principles of management of chest injuries. SU17.9 Demonstrate Airway maintenance. Recognize and manage tension pneumothorax, hemothorax and flail chest in simulated environment	
4-Jun-23	Sunday			
5-Jun-23	Monday	OBGY	OG 34.1 Uterine Cancer	
6-Jun-23	Tuesday	Medicine		IM 11.9 Describe and recognise the clinical features of patients who present with a diabetic emergency

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
				IM 11.10 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific etiology
7-Jun-23	Wednesday	Surgery	SU13.1 Describe the immunological basis of organ transplantation	
8-Jun-23	Thursday	OBGY	OG 33.1 Cervical Cancer	
9-Jun-23	Friday	Medicine		IM 12.12 Describe and discuss the iodization programs of the government of India
10-Jun-23	Saturday	Surgery	SU13.2 Discuss the Principles of immunosuppressive therapy. Enumerate Indications, describe surgical principles, management of organ transplantation	
11-Jun-23	Sunday			
12-Jun-23	Monday	OBGY	OG 34.2 Ovarian Cancer	
13-Jun-23	Tuesday	Medicine		IM 12.13 Describe the pharmacology, indications, adverse reaction, interactions of thyroxine and antithyroid drugs
14-Jun-23	Wednesday	Surgery	SU18.1 Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections. SU18.2 Classify skin tumors Differentiate different skin tumors and discuss their management. SU18.3 Describe and demonstrate the clinical examination of surgical patient including swelling and order relevant investigation for diagnosis. Describe and discuss appropriate treatment plan.	
15-Jun-23	Thursday	OBGY	OG 34.2 Ovarian Cancer	
16-Jun-23	Friday	Medicine		IM 15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss
17-Jun-23	Saturday	Surgery	SU19.1 Describe the etiology and classification of cleft lip and palate SU19.2 Describe the Principles of reconstruction of cleft lip and palate	
18-Jun-23	Sunday			
19-Jun-23	Monday	OBGY	OG 34.1 Vulval and Vaginal cancer	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
20-Jun-23	Tuesday	Medicine		IM 17.13 Describe the pharmacology, dose, adverse reactions and regimens of drugs used in the treatment of bacterial, tubercular and viral meningitis
21-Jun-23	Wednesday	Surgery	SU4.1 Elicit document and present history in a case of Burns and perform physical examination. Describe Pathophysiology of Burns. SU4.2 Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment. SU4.3 Discuss the Medicolegal aspects in burn injuries	
22-Jun-23	Thursday	OBGY	OG 34.3 Gestational Trophoblastic disease	
23-Jun-23	Friday	Medicine		IM 18.1 Describe the functional and the vascular anatomy of the brain IM 18.2 Classify cerebrovascular accidents and describe the etiology, predisposing genetic and risk factors
24-Jun-23	Saturday	Surgery	SU2.1 Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring. SU2.2 Describe the clinical features of shock and its appropriate treatment.	
25-Jun-23	Sunday			
26-Jun-23	Monday	OBGY	OG 33.2 Cervical and other Intraepithelial neoplasia	
27-Jun-23	Tuesday	Medicine		IM 19.1 Describe the functional anatomy of the locomotor system of the brain
28-Jun-23	Wednesday	Surgery	SU22.1 Describe the applied anatomy and physiology of thyroid SU22.2 Describe the etiopathogenesis of thyroidal swellings	
29-Jun-23	Thursday			Bakri-Id
30-Jun-23	Friday	Medicine		IM19.2 Classify movement disorders of the brain based on distribution, rhythm, repetition, exacerbating and relieving factors
1-Jul-23	Saturday	Surgery	SU22.3 Demonstrate and document the correct clinical examination of thyroid swellings and discuss the differential diagnosis and their management	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			SU22.4 Describe the clinical features, classification and principles of management of thyroid cancer	
2-Jul-23	Sunday			
3-Jul-23	Monday	OBGY	OG 38.1 Endoscopy	
4-Jul-23	Tuesday	Medicine		IM 19.9 Enumerate the indications for use of surgery and botulinum toxin in the treatment of movement disorders
5-Jul-23	Wednesday	Surgery	SU22.5 Describe the applied anatomy of parathyroid SU22.6 Describe and discuss the clinical features of hypo - and hyperparathyroidism and the principles of their management	
6-Jul-23	Thursday	OBGY	OG 34.4 Minor Gynecological operation	
7-Jul-23	Friday	Medicine		IM 21.1 Describe the initial approach to the stabilisation of the patient who presents with poisoning IM 21.2 Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification
8-Jul-23	Saturday	Surgery	SU25.1 Describe applied anatomy and appropriate investigations for breast disease SU25.2 Describe the etiopathogenesis, clinical features and principles of management of benign breast disease including infections of the breast	
9-Jul-23	Sunday			
10-Jul-23	Monday	OBGY	OG 34.4 Operation for POPog	
11-Jul-23	Tuesday			
12-Jul-23	Wednesday	Surgery	SU20.1 Describe etiopathogenesis of oral cancer symptoms and signs of oropharyngeal cancer. (SU20.2) Enumerate the appropriate investigations and discuss the Principles of treatment	
13-Jul-23	Thursday			
14-Jul-23	Friday			
15-Jul-23	Saturday	Surgery	SU21.1 Describe surgical anatomy of the salivary	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			glands, pathology, and clinical presentation of disorders of salivary glands SU21.2 Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands	
16-Jul-23	Sunday			
17-Jul-23	Monday			
18-Jul-23	Tuesday			
19-Jul-23	Wednesday	Surgery	(SU11.1) Describe principles of Preoperative assessment. (SU11.2) Enumerate the principles of general, regional, and local Anaesthesia (SU11.4) Enumerate the indications and principles of day care General Surgery	
20-Jul-23	Thursday			
21-Jul-23	Friday			
22-Jul-23	Saturday			
23-Jul-23	Sunday			
24-Jul-23	Monday			
25-Jul-23	Tuesday		1st Internal assessment Exam	Theory
26-Jul-23	Wednesday			
27-Jul-23	Thursday			
28-Jul-23	Friday			
29-Jul-23	Saturday			
30-Jul-23	Sunday			
31-Jul-23	Monday		Feedback of 1st IA	
1-Aug-23	Tuesday			
2-Aug-23	Wednesday			
3-Aug-23	Thursday			
4-Aug-23	Friday			
5-Aug-23	Saturday			
6-Aug-23	Sunday			
7-Aug-23	Monday			
8-Aug-23	Tuesday			
9-Aug-23	Wednesday			
10-Aug-23	Thursday			
11-Aug-23	Friday			
12-Aug-23	Saturday			
13-Aug-23	Sunday			
14-Aug-23	Monday			
15-Aug-23	Tuesday			Independence Day

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
16-Aug-23	Wednesday	Surgery & Paeds	SU23.1 Describe the applied anatomy of adrenal glands SU23.2 Describe the etiology, clinical features and principles of management of disorders of adrenal gland	PE.27.6 Describe the etiopathogenesis, clinical approach and management of Status epilepticus, PE.27.7 Describe the etiopathogenesis, clinical approach and management of an unconscious child
17-Aug-23	Thursday	OBGY & Ortho	OG 16.3 Fetal growth disorders	OR5.1 [Part 2] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of various inflammatory disorders of joints
18-Aug-23	Friday	Medicine		IM 22.4 Enumerate the components and describe the genetic basis of the multiple endocrine neoplasia syndrome
19-Aug-23	Saturday	Surgery	SU23.3 Describe the clinical features, principles of investigation and management of Adrenal tumors	
20-Aug-23	Sunday			
21-Aug-23	Monday	OBGY & Ortho	OG 11.1 Multi fetal pregnancy	OR 6.1 Describe and discuss the clinical features, investigations and principles of management of degenerative condition of spine (Cervical Spondylosis, Lumbar Spondylosis, PID)
22-Aug-23	Tuesday	Medicine		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
23-Aug-23	Wednesday	Surgery & Paeds	SU26.1 Outline the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases SU26.3 Describe the clinical features of mediastinal diseases and the principles of management	PE.28.5 Discuss the etiopathogenesis, clinical features and management of Epiglottitis, PE.28.6 Discuss the etiopathogenesis, clinical features and management of Acute laryngotracheobronchitis PE.28.7 Discuss the etiology, clinical features and management of Stridor in children, PE.28.8 Discuss the types, clinical presentation, and management of foreign body aspiration in infants and children

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
24-Aug-23	Thursday	OBGY &Ortho	OG 13.1 Intrauterine fetal death	OR 7.1 Describe and discuss the etiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular osteoporosis, osteomalacia, rickets, Paget's disease
25-Aug-23	Friday	Medicine		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
26-Aug-23	Saturday	Surgery	SU26.4 Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management	
27-Aug-23	Sunday			
28-Aug-23	Monday	OBGY &Ortho	OG 13.2 Disorders of amniotic fluid	OR 8.1, Describe and discuss the etiopathogenesis, clinical features, assessment and principles of management a patient with PostPolio Residual Paralysis
29-Aug-23	Tuesday	Medicine		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
30-Aug-23	Wednesday	Surgery &Paeds	SU27.1 Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease. SU27.2 Demonstrate the correct examination of the vascular system and enumerate and describe the investigation of vascular	PE.28.18 Describe the etiopathogenesis, diagnosis, clinical features, management and prevention of lower respiratory infections including bronchiolitis, wheeze associated LRTI Pneumonia and empyema
31-Aug-23	Thursday	OBGY &Ortho	OG 13.2 Preterm birth	OR 9.1 Describe and discuss the etiopathogenesis, clinical features, assessment and principles of management of Cerebral palsy patient
1-Sep-23	Friday	Medicine		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

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
2-Sep-23	Saturday	Surgery	SU27.3 Describe clinical features, investigations and principles of management of vasospastic disorders SU27.4 Describe the types of gangrene and principles of amputation	
3-Sep-23	Sunday			
4-Sep-23	Monday	OBGY & Ortho	OG 13.2 Prelabor rupture of membrane	OR10.1 [Part 1] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures
5-Sep-23	Tuesday	Medicine		IM 22.9 Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis
6-Sep-23	Wednesday	Surgery & Paeds	SU27.5 Describe the applied anatomy of venous system of lower limb SU27.6 Describe pathophysiology, clinical features, investigations and principles of management of DVT and Varicose veins	PE.28.19 Describe the etiopathogenesis, diagnosis, clinical features, management and prevention of asthma in children
7-Sep-23	Thursday	OBGY & Ortho	OG 13.2 Post term pregnancy	OR10.1 [Part 2] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures
8-Sep-23	Friday	Medicine		IM 22.10 Enumerate the causes of describe the clinical and laboratory features of metabolic alkalosis
9-Sep-23	Saturday	Surgery	SU27.7 Describe pathophysiology, clinical features, investigations and principles of management of Lymph edema, lymphangitis and Lymphomas SU27.8 Demonstrate the correct examination of the lymphatic system	
10-Sep-23	Sunday			
11-Sep-23	Monday	OBGY & Ortho	OG 12.8 Red cell alloimmunization	OR11.1 [Part 1] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
				peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves
12-Sep-23	Tuesday	Medicine		IM 22.11 Enumerate the causes and describe the clinical and laboratory features of respiratory acidosis
13-Sep-23	Wednesday	Surgery & Paeds	SU28.1 Describe pathophysiology, clinical features, Investigations and principles of management of Hernias SU28.2 Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.	PE.29.4 Discuss the etiopathogenesis, clinical features and management of Hemolytic anemia, Thalassemia Major, Sickle cell anemia, Hereditary spherocytosis, Auto-immune hemolytic anemia and hemolytic uremic syndrome
14-Sep-23	Thursday	OBGY & Ortho	OG 10.1 Antepartum hemorrhage- I	OR11.1 [Part 2] Describe and discuss the etiopathogenesis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves
15-Sep-23	Friday	Medicine		IM 22.12 Enumerate the causes and describe the clinical and laboratory features of respiratory alkalosis
16-Sep-23	Saturday	Surgery	SU28.3 Describe causes, clinical features, complications and principles of management of peritonitis	
17-Sep-23	Sunday			
18-Sep-23	Monday	OBGY & Ortho	OG 10.1 Antepartum hemorrhage- II	OR12.1 Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: a. Limbs and spine Scoliosis and spinal bifida b. Congenital dislocation of Hip, c. Torticollis, d. Congenital talipes equinovarus
19-Sep-23	Tuesday			Ganesh Chaturthi

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
20-Sep-23	Wednesday	Surgery & Paeds	SU28.4 Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors	PE.29.6 Discuss the cause of thrombocytopenia in children: describe the clinical features and management of idiopathic Thrombocytopenic Purpura. PE.29.7 Discuss the etiology, classification, pathogenesis and clinical features of Hemophilia in children.
21-Sep-23	Thursday	OBGY	OG 16.1 Induction of labor	
22-Sep-23	Friday	Medicine		IM 22.13 Identify the underlying acid based disorder based on an ABG report And clinical situation
23-Sep-23	Saturday	Surgery	SU28.5 Describe the applied Anatomy and physiology of esophagus	
24-Sep-23	Sunday			
25-Sep-23	Monday	OBGY	OG 16.1 Complication of third stage of labor	
26-Sep-23	Tuesday	Medicine		IM 23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients
27-Sep-23	Wednesday	Surgery & Paeds	SU28.6 Describe the clinical features, investigations and principles of management of benign and malignant disorders of esophagus	PE.29.8 Discuss the etiology, clinical presentation and management of Acute Lymphoblastic Leukemia in Children. PE.29.9 Discuss the etiology, clinical presentation and management of Lymphoma in children.
28-Sep-23	Thursday			Id-e-Milad
29-Sep-23	Friday	Medicine		IM 24.3 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of acute confusional states
30-Sep-23	Saturday	Surgery	SU28.7 Describe the applied anatomy and physiology of stomach	
1-Oct-23	Sunday			
2-Oct-23	Monday			Mahatma Gandhi Jayanti
3-Oct-23	Tuesday	Medicine		IM 24.4 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of vascular events in the elderly
4-Oct-23	Wednesday	Surgery & Paeds	SU28.8 Describe and discuss the aetiology, the clinical features,	PE.30.1 Discuss the etiopathogenesis, clinical

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic ulcer disease, Carcinoma stomach SU28.9 Demonstrate the correct technique of examination of a patient with disorders of the stomach	features, complications, management and prevention of meningitis in children PE.30.2 Distinguish bacterial, viral and tuberculous meningitis
5-Oct-23	Thursday	OBGY	OG 14.2 Obstructed labor and uterine rupture	
6-Oct-23	Friday	Medicine		IM 24.5 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of depression in the elderly
7-Oct-23	Saturday	Surgery	SU28.10 Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver	
8-Oct-23	Sunday			
9-Oct-23	Monday	OBGY	OG 12.1 Hypertensive disorder of pregnancy	
10-Oct-23	Tuesday	Medicine		IM 24.6 Describe and discuss the etiopathogenesis causes, clinical presentation, difference in discussion presentation identification, functional changes, acute care, stabilization, management and rehabilitation of dementia in the elderly
11-Oct-23	Wednesday	Surgery & Paeds	SU28.11 Describe the applied anatomy of spleen. Describe the clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis - prophylaxis	PE.30.7 Discuss the etiopathogenesis, clinical features, complications and management of Febrile seizures in children PE.30.8 Define epilepsy. Discuss the pathogenesis, clinical types, presentation and management of Epilepsy in children
12-Oct-23	Thursday	OBGY	OG 12.1 Eclampsia	
13-Oct-23	Friday	Medicine		IM 24.7 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of personality changes in the elderly
14-Oct-23	Saturday	Surgery	SU28.12 Describe the applied anatomy of biliary system.	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			Describe the clinical features, investigations and principles of management of diseases of biliary system	
15-Oct-23	Sunday			
16-Oct-23	Monday	OBGY	OG 12.1 Anemia in pregnancy	
17-Oct-23	Tuesday	Medicine		IM 24.10 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of COPD in the elderly
18-Oct-23	Wednesday	Surgery & Paeds	SU28.13 Describe the applied anatomy of small and large intestine	PE.34.1 Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents PE.34.2 Discuss the various diagnostic tools for childhood tuberculosis PE.34.3 Discuss the various regimens for management of Tuberculosis as per National Guidelines PE.34.4 Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Program
19-Oct-23	Thursday	OBGY	OG 12.3 Diabetic in pregnancy	
20-Oct-23	Friday	Medicine		IM 24.11 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of the elderly undergoing surgery
21-Oct-23	Saturday	Surgery	SU28.14 Describe the clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome	
22-Oct-23	Sunday			
23-Oct-23	Monday	OBGY	OG 12.4 Cardiovascular diseases in pregnancy	
24-Oct-23	Tuesday			Dasera
25-Oct-23	Wednesday	Surgery	SU28.1 Describe the clinical features, investigations and principles of management of diseases of Appendix	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			including appendicitis and its complications. SU28.16 Describe applied anatomy including congenital anomalies of the rectum and anal canal	
26-Oct-23	Thursday	OBGY	OG 12.5 Urinary tract infection	
27-Oct-23	Friday	Medicine		IM 24.12 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of degenerative joint disease
28-Oct-23	Saturday	Surgery	SU28.17 Describe the clinical features, investigations and principles of management of common anorectal diseases SU28.18 Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan	
29-Oct-23	Sunday			
30-Oct-23	Monday	OBGY	OG12.6 Liver disease in pregnancy	
31-Oct-23	Tuesday	Medicine		IM 24.13 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of falls in the elderly
1-Nov-23	Wednesday	Surgery	SU29.1 Describe the causes, investigations and principles of management of Hematuria	
2-Nov-23	Thursday	OBGY	OG 12.7 H.I.V. and pregnancy	
3-Nov-23	Friday	Medicine		IM 24.14 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of common fractures in the elderly
4-Nov-23	Saturday	Surgery	SU29.2 Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
5-Nov-23	Sunday			
6-Nov-23	Monday	OBGY	OG 13.2 Amniotic fluid embolism	
7-Nov-23	Tuesday	Medicine		IM 24.15 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of vision and visual loss in the elderly
8-Nov-23	Wednesday	Surgery	SU29.3 Describe the Clinical features, Investigations and principles of management of urinary tract infections	
9-Nov-23	Thursday	OBGY	OG 13.2 Septic shock	
10-Nov-23	Friday	Medicine		IM 24.16 Describe and discuss the principles of physical and social rehabilitation, functional assessment, role of physiotherapy and occupational therapy in the management of disability in the elderly
11-Nov-23	Saturday	Surgery	SU29.4 Describe the clinical features, investigations and principles of management of hydronephrosis	
12-Nov-23	Sunday			Laxmipoojan
13-Nov-23	Monday	OBGY	OG 10.1 Disseminated intravascular coagulopathy	
14-Nov-23	Tuesday			Diwali Padwa
15-Nov-23	Wednesday			Bhaubij
16-Nov-23	Thursday	OBGY	OG 13.1 Obstetric analgesia and anaesthesia	
17-Nov-23	Friday	Medicine		IM 24.17 Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of hearing loss in the elderly
18-Nov-23	Saturday	Surgery	SU29.5 Describe the clinical features, investigations and principles of management of renal calculi	
19-Nov-23	Sunday			
20-Nov-23	Monday	OBGY	OG 1.1 Maternal Mortality	
21-Nov-23	Tuesday	Medicine		IM 24.18 Describe the impact of the demographic changes in ageing on the population
22-Nov-23	Wednesday	Surgery	SU29.6 Describe the clinical features, investigations and	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
			principles of management of renal tumours	
23-Nov-23	Thursday	OBGY	OG 1.2 Perinatal Mortality	
24-Nov-23	Friday	Medicine		IM 24.19 Enumerate and describe the social problems in the elderly including isolation, abuse, change in family structure and their impact on health
25-Nov-23	Saturday	Surgery	SU29.7 Describe the principles of management of acute and chronic retention of urine	
26-Nov-23	Sunday			
27-Nov-23	Monday	OBGY	OG 1.1 National Health Programs in Obstetrics	
28-Nov-23	Tuesday	Medicine		IM 24.20 Enumerate and describe social interventions in the care of elderly including domiciliary discussion services, rehabilitation facilities, old age homes and state interventions
29-Nov-23	Wednesday	Surgery	SU29.8 Describe the clinical features, investigations and principles of management of bladder cancer	
30-Nov-23	Thursday	OBGY	OG 37.3 Hysterectomy	
1-Dec-23	Friday	Medicine		IM 24.21 Enumerate and describe ethical issues in the care of the elderly
2-Dec-23	Saturday	Surgery	SU29.9 Describe the clinical features, investigations and principles of management of disorders of prostate SU29.10 Demonstrate a digital rectal examination of the prostate in a mannequin or equivalent	
3-Dec-23	Sunday			
4-Dec-23	Monday	OBGY	OG 38.1 Hysteroscopy and Laparoscopy	
5-Dec-23	Tuesday	Medicine		IM 24.22 Describe and discuss the etiopathogenesis, clinical presentation, complications, assessment and management of nutritional disorders in the elderly
6-Dec-23	Wednesday	Surgery	SU29.11 Describe clinical features, investigations and management of urethral strictures	
7-Dec-23	Thursday	OBGY	OG 33.1 Chemotherapy and Radiotherapy	

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
8-Dec-23	Friday	Medicine		
9-Dec-23	Saturday	Surgery	SU30.1 Describe the clinical features, investigations and principles of management of phimosis, paraphimosis and carcinoma penis.	
10-Dec-23	Sunday			
11-Dec-23	Monday	OBGY	OG 34.2 Imaging in gynecology	
12-Dec-23	Tuesday	Medicine		
13-Dec-23	Wednesday	Surgery	SU30.2 Describe the applied anatomy clinical features, investigations and principles of management of undescended testis.	
14-Dec-23	Thursday	OBGY	OG 8.8 Investigation and imaging in pregnancy	
15-Dec-23	Friday	Medicine		
16-Dec-23	Saturday	Surgery	SU30.3 Describe the applied anatomy clinical features, investigations and principles of management of epididymo-orchitis	
17-Dec-23	Sunday			
18-Dec-23	Monday	OBGY	OG 8.7 Vaccination in Pregnancy	
19-Dec-23	Tuesday	Medicine		
20-Dec-23	Wednesday		SU30.4 Describe the applied anatomy clinical features, investigations and principles of management of varicocele	
21-Dec-23	Thursday	OBGY	OG 10.2 Principles of blood and blood product in obstetrics	
22-Dec-23	Friday	Medicine		
23-Dec-23	Saturday		SU30.5 Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele	
24-Dec-23	Sunday			

Date	Day	Subjects	Competency (8-9 am)	Competency (9-10 am)
25-Dec-23	Monday			Christmas
26-Dec-23	Tuesday	Medicine		
27-Dec-23	Wednesday		SU30.6 Describe classification, clinical features, investigations and principles of management of tumours of testis	
28-Dec-23	Thursday			
29-Dec-23	Friday			
30-Dec-23	Saturday			
31-Dec-23	Sunday			
1-Jan-24	Monday			
2-Jan-24	Tuesday			
3-Jan-24	Wednesday			
4-Jan-24	Thursday			
5-Jan-24	Friday			
6-Jan-24	Saturday			
7-Jan-24	Sunday			
8-Jan-24	Monday		Prelim Examination	Theory
9-Jan-24	Tuesday			
10-Jan-24	Wednesday			
11-Jan-24	Thursday			
12-Jan-24	Friday			
13-Jan-24	Saturday			
14-Jan-24	Sunday			
15-Jan-24	Monday		Prelim Examination	Practical
16-Jan-24	Tuesday			
17-Jan-24	Wednesday			
18-Jan-24	Thursday			
19-Jan-24	Friday			
20-Jan-24	Saturday			
21-Jan-24	Sunday			
22-Jan-24	Monday			
23-Jan-24	Tuesday			
24-Jan-24	Wednesday			
25-Jan-24	Thursday			
26-Jan-24	Friday			Republic Day
27-Jan-24	Saturday			
28-Jan-24	Sunday			
29-Jan-24	Monday			
30-Jan-24	Tuesday			
31-Jan-24	Wednesday			
Feb-24			Summative (university Examination)	
			Result	
March	2024		Internship	

Time-table for Clinical posting (CBME) (IV- phase 2stPart) [2022], KIMS, Karad

Subject: General Medicine

[A, B, C, D]

[IA=Term ending examination (practical) will be on the last day of each posting]

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
1	IM 1.13	Measure the blood pressure accurately, recognise and discuss alterations in blood pressure in valvular heart disease and other causes of heart failure and cardiac tamponade
2		
3		
4	IM 1.14	Demonstrate and measure jugular venous distension
5	IM 1.15	Identify and describe the timing, pitch quality conduction and significance of precordial murmurs and their variations
6		
7	IM 2.6	Elicit document and present an appropriate history that includes onset evolution, presentation risk factors, family history, comorbid conditions, complications, medication, history of atherosclerosis, IHD and coronary syndromes
8		
9	IM 10.12	Elicit document and present a medical history that will differentiate the aetiologies of disease, distinguish acute and chronic disease, identify predisposing conditions, nephrotoxic drugs and systemic causes
10		
11	IM 12.5	Elicit document and present an appropriate history that will establish the diagnosis cause of thyroid dysfunction and its severity
12	IM 12.6	Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and severity including systemic signs of thyrotoxicosis and hypothyroidism, palpation of the pulse for rate and rhythm abnormalities, neck palpation of the thyroid and lymph nodes and cardiovascular findings
13		
14	IM 12.7	Demonstrate the correct technique to palpate the thyroid
15	IM 12.8	Generate a differential diagnosis based on the clinical presentation and prioritise it based on the most likely diagnosis
16	IM 17.2	Elicit and document and present an appropriate history including aura, precipitating aggravating and relieving factors, associated symptoms that help identify the cause of headaches
17		
18	IM 17.5	Generate document and present a differential diagnosis based on the features and prioritise the clinical features, diagnosis based on the presentation
19	IM 17.14	Counsel patients with migraine and tension headache on lifestyle changes and need for prophylactic therapy
20		
21	IM 18.4	Identify the nature of the cerebrovascular accident based on the temporal evolution and resolution of the illness
22		
23	IM 18.5	Perform, demonstrate & document physical examination that includes general and a detailed neurologic Examination as appropriate, based on the history
24		
25	IM 18.6	Distinguish the lesion based on upper vs lower motor neuron, side, site and most probable nature of the lesion
26		
27	IM 18.7	Describe the clinical features and distinguish, based on clinical examination, the various disorders of speech
28		
29	IM 18.8	Describe and distinguish, based on the clinical presentation, the types of bladder dysfunction seen in CNS disease
30		

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
31	IM 18.17	Counsel patient and family about the diagnosis and therapy in an empathetic manner
32	IM 19.3	Elicit and document and present an appropriate history including onset, progression precipitating and aggravating relieving factors, associated symptoms that help identify the cause of the movement disorders
33		
34	IM 19.4	Perform, demonstrate and document a physical examination that includes a general examination and a detailed neurologic examination using standard movement rating scales
35		
36	IM 19.5	Generate document and present a differential diagnosis and prioritise based on the history and physical examination
37		
38	IM 19.6	Make a clinical diagnosis regarding on the anatomical location, nature and cause of the lesion based on the clinical presentation and findings
39		
40	IM 23.5	Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet
41		
42	IM 24.2	Perform multidimensional geriatric assessment that includes medical, psycho-social and functional components
43	IM 3.5	Perform, document and demonstrate a physical examination including general examination and appropriate examination of the lungs that establishes the diagnosis, complications and severity of disease
44		
45	IM 3.6	Generate document and present a differential diagnosis based on the clinical features, and prioritise the diagnosis based on the presentation
46		
47	IM 5.10	Perform a systematic examination that establishes the diagnosis and severity that includes nutritional status, mental status, jaundice, abdominal distension ascites, features of portosystemic hypertension and hepatic encephalopathy
48		
49	IM 5.12	Choose and interpret appropriate diagnostic tests including: CBC, serology and bilirubin, function tests, Hepatitis ascitic fluid examination in patient with liver diseases
50		
51	IM 10.13	Perform a systematic examination that establishes the diagnosis and severity including determination of volume status, presence of edema and heart failure, features of uraemia and associated systemic disease
52		
53		5Hours=(Introduction 1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1) empathy, Demonstrate empathy in patient encounters, Communicate care options to patient and family with a terminal illness in a simulated environment
54		Identify discuss and defend medico-legal socio-cultural professional and ethical issues as it pertains to the doctor - industry relationships 5Hours=(Introduction 1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1)
55		Identifies conflicts of interest in patient care and professional relationships and describes the correct response to these conflicts 5Hours=(Introduction 1+SDL 2 + Anchoring lecture 1 + Discussion and closure of case 1)

Time-table for SGT(CBME) (IV- phase), KIMS, Karad

Subject: General Medicine [A, B, C, D]

[IA=Term ending examination (practical) will be on the last day of each posting]

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
1.	Topic: Pneumonia	
2.	IM 3.8	Demonstrate in a mannequin and interpret results of an arterial blood gas examination
	Topic: Liver disease	
3.	IM 5.1	Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia
	IM 5.2	Describe and discuss the etiology and pathophysiology of liver injury
4.	IM 5.3	Describe and discuss the pathologic changes in various forms of liver disease

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
	IM 5.4	Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis
5.	IM 5.5	Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease
	IM 5.6	Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy
6.	IM 5.14	Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology
Topic: HIV		
7.	IM 6.8	Generate a differential diagnosis and prioritise based on clinical features that suggest a specific etiology for the presenting symptom
	IM 6.9	Choose and interpret appropriate diagnostic tests to diagnose and classify the severity of HIV-AIDS including specific tests of HIV, CDC
8.	IM 6.10	Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC, sputum examination and cultures, blood cultures, stool analysis, CSF analysis and Chest radiographs
	IM 6.11	Enumerate the indications and describe the findings for CT of the chest and brain and MRI
9.	IM 6.12	Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph
	IM 6.14	Perform and interpret AFB sputum
10.	IM 6.15	Demonstrate in a model the correct technique to perform a lumbar puncture
	IM 6.19	Counsel patients on prevention of HIV transmission
11.	IM 6.20	Communicate diagnosis, treatment plan and subsequent follow up plan to patients
	IM 6.21	Communicate with patients on the importance of medication adherence
12.	IM 6.22	Demonstrate understanding of ethical and legal issues regarding patient confidentiality and disclosure in patients with HIV
	IM 6.23	Demonstrate a non-judgmental attitude to patients with HIV and to their lifestyles
13.	IM 10.12	Elicit document and present a medical history that will differentiate the etiologies of disease, distinguish acute and chronic disease, identify predisposing conditions, nephrotoxic drugs and systemic causes
	IM 10.14	Generate a differential diagnosis and prioritise based on clinical features that suggest a specific etiology
14.	IM 10.15	Describe the appropriate diagnostic work up based on the presumed etiology
	IM 10.16	Enumerate the indications for and interpret the results of : renal function tests, calcium, phosphorus, PTH, urine electrolytes, osmolality, Anion gap
15.	IM 10.17	Describe and calculate indices of renal function based on available laboratories including FENa (Fractional Excretion of Sodium) and CrCl (Creatinine Clearance)
16.	IM 10.18	Identify the ECG findings in hyperkalemia
	IM 10.19	Enumerate the indications and describe the findings in renal ultrasound
17.	IM 10.20	Describe and discuss the indications to perform arterial blood gas analysis: interpret the data
	IM 10.21	Describe and discuss the indications for and insert a peripheral intravenous catheter
18.	IM 10.22	Describe and discuss the indications, demonstrate in a model and assist in the insertion of a central venous or a dialysis catheter
	IM 10.23	Communicate diagnosis treatment plan and subsequent follow up plan to patients
19.	IM 10.24	Counsel patients on a renal diet
	IM 10.31	Incorporate patient preferences in to the care of CKD
20.	IM 12.9	Order and interpret diagnostic testing based on the clinical diagnosis including CBC, thyroid function tests and ECG and radio iodine uptake and scan
	IM 12.10	Identify atrial fibrillation, pericardial effusion and bradycardia on ECG
21.	IM 12.11	Interpret thyroid function tests in hypo and hyperthyroidism

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
	IM 12.14	Write and communicate to the patient appropriately a prescription for thyroxine based on age, sex, and clinical and biochemical status
22.	IM 12.15	Describe and discuss the indications of thionamide therapy, radio iodine therapy and surgery in the management of thyrotoxicosis
	Topic: Common malignancies	
23.	IM 13.11	Order and interpret diagnostic testing based on the clinical diagnosis including CBC and stool occult blood and prostate specific antigen
	IM 13.12	Describe the indications and interpret the results of Chest X Ray, mammogram, skin and tissue biopsies and tumor markers used in common cancers
24.	IM 13.13	Describe the need, tests involved, their utility in the prevention of common malignancies
	IM 13.14	Describe the indications for surgery, radiation and chemotherapy for common malignancies
25.	IM 13.15	Describe the need, tests involved, their utility in the prevention of common malignancies
	IM 13.16	Demonstrate an understanding and needs and preferences of patients when choosing curative and palliative therapy
26.	IM 13.17	Describe and enumerate the indications, use, side effects of narcotics in pain alleviation in patients with cancer
	IM 13.18	Describe and discuss the ethical and the medico legal issues involved in end of life care
27.	IM 13.19	Describe the therapies used in alleviating suffering in patients at the end of life
	Topic: Obesity	
28.	IM 14.8	Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritise based on the most likely diagnosis
	Topic: Diarrheal disorder	
29.	IM 16.9	Identify common parasitic causes of diarrhoea under the microscope in a stool specimen
	IM 16.10	Identify vibrio cholera in a hanging drop specimen
	Topic: Headache	
30.	IM 17.3	Classify migraine and describe the distinguishing features between classical and non-classical forms of migraine
	IM 17.5	Generate document and present a differential diagnosis based on the features and prioritise the clinical features, diagnosis based on the presentation
	IM 17.14	Counsel patients with migraine and tension headache on lifestyle changes and need for prophylactic therapy
	Topic: Cerebrovascular accident	
31.	IM 18.4	Identify the nature of the cerebrovascular accident based on the temporal evolution and resolution of the illness
	IM 18.5	Perform, demonstrate & document physical examination that includes general and a detailed neurologic Examination as appropriate, based on the history
32.	IM 18.6	Distinguish the lesion based on upper vs lower motor neuron, side, site and most probable nature of the lesion
	IM 18.7	Describe the clinical features and distinguish, based on clinical examination, the various disorders of speech
33.	IM 18.8	Describe and distinguish, based on the clinical presentation, the types of bladder dysfunction seen in CNS disease
	IM 18.9	Choose and interpret the appropriate diagnostic and imaging test that will delineate the anatomy and underlying cause of the lesion
34.	IM 18.17	Counsel patient and family about the diagnosis and therapy in an empathetic manner
	Topic: Movement disorders	
35.	IM 19.1	Describe the functional anatomy of the locomotor system of the brain
	IM19.2	Classify movement disorders of the brain based on distribution, rhythm, repetition, exacerbating and relieving factors

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
36.	IM 19.6	Make a clinical diagnosis regarding on the anatomical location, nature and cause of the lesion based on the clinical presentation and findings
Topic: Geriatrics		
37.	IM 24.2	Perform multidimensional geriatric assessment that includes medical, psychosocial and functional components
	IM 24.14	Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of common fractures in the elderly
38.	IM 24.15	Describe and discuss the etiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of vision and visual loss in the elderly
Topic: The role of the physician in the community		
39.	IM 26.1	Enumerate and describe professional qualities and roles of a physician
	IM 26.2	Describe and discuss the commitment to lifelong learning as an important part of physician growth
40.	IM 26.3	Describe and discuss the role of non mal-eficence as a guiding principle in patient care
	IM 26.4	Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care
41.	IM 26.5	Describe and discuss the role of beneficence of a guiding principle in patient care
	IM 26.6	Describe and discuss the role of a physician in health care system
42.	IM 26.7	Describe and discuss the role of justice as a guiding principle in patient care
	IM 26.8	Identify discuss medico legal, socioeconomic and ethical issues as it pertains to organ donation
43.	IM 26.9	Identify, discuss and defend medico legal, socio cultural, economic and ethical issues as it pertains to rights, equity and justice in access to health care
	IM 26.10	Identify, discuss and defend medico legal, socio-cultural and ethical issues as it pertains to confidentiality in patient care
44.	IM 26.11	Identify, discuss and defend medico legal, socio-cultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care
	IM 26.12	Identify, discuss and defend medico legal, socio-cultural and ethical issues as it pertains to decision Making in health care including advanced directives and surrogate decision making
45.	IM 26.13	Identify, discuss and defend medico legal, socio-cultural and ethical issues as it pertains to decision making in emergency care including situations where patients do not have the capability or capacity to give consent
46.	IM 26.14	Identify, discuss and defend medico legal, socio-cultural and ethical issues as it pertains to research in human subjects
	IM 26.15	Identify, discuss and defend, medico legal, socio-cultural and ethical issues as they pertain to consent for surgical procedures
47.	IM 26.16	Identify, discuss and defend medico legal, socio-cultural, professional and ethical issues as it pertains to the physician patient relationship (including fiduciary duty)
	IM 26.17	Identify, discuss physician's role and responsibility to society and the community that she/ he serves
48.	IM 26.18	Identify, discuss and defend medico legal, socio-cultural, professional and ethical issues in physician- industry relationships
	IM 26.19	Demonstrate ability to work in a team of peers and superiors
49.	IM 26.20	Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non judgemental and empathetic manner
	IM 26.21	Demonstrate respect to patient privacy
50.	IM 26.22	Demonstrate ability to maintain confidentiality in patient care
	IM 26.23	Demonstrate a commitment to continued learning
51.	IM 26.24	Demonstrate respect in relationship with patients, fellow team members, superiors and other health care workers

Sr. No.	Competency	COMPETENCY (The student should be able to k/kH/S/SH how at the end of TL session)
	IM 26.25	Demonstrate work working responsibility and ethics while in the health care team
52.	IM 26.26	Demonstrate ability to maintain required documentation in health care (including correct use of medical records)
	IM 26.27	Demonstrate personal grooming that is adequate and appropriate for health care responsibilities
53.	IM 26.28	Demonstrate adequate knowledge and use of information technology that permits appropriate patient care and continued learning
	IM 26.29	Communicate diagnostic and therapeutic options to patient and family in a simulated environment
54.	IM 26.30	Communicate care options to patient and family with a terminal illness in a simulated environment
	IM 26.31	Demonstrate awareness of limitations and seeks help and consultations appropriately
55.	IM 26.32	Demonstrate appropriate respect to colleagues in the profession
	IM 26.33	Demonstrate an understanding of the implications and the appropriate procedures and response to be followed in the event of medical errors
56.	IM 26.34	Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts
	IM 26.35	Demonstrate empathy in patient encounters
57.	IM 26.36	Demonstrate ability to balance personal and professional priorities
	IM 26.37	Demonstrate ability to manage time appropriately
58.	IM 26.38	Demonstrate ability to form and function in appropriate professional networks
	IM 26.39	Demonstrate ability to pursue and seek career advancement
59.	IM 26.40	Demonstrate ability to follow risk management and medical error reduction practices where Appropriate
	IM 26.41	Demonstrate ability to work in a mentoring relationship with junior colleagues
60.	IM 26.42	Demonstrate commitment to learning and scholarship
	IM 26.43	Identify, discuss and defend medico legal, socio cultural, economic and ethical issues as they pertain to in vitro fertilisation donor insemination and surrogate motherhood
61.	IM 26.44	Identify, discuss and defend medico legal, socio-cultural professional and issues pertaining to ethical medical negligence
	IM 26.45	Identify, discuss and defend medico legal, socio-cultural professional and ethical issues pertaining to malpractice
62.	IM 26.46	Identify, discuss and defend medico legal, socio-cultural professional and ethical issues in dealing with impaired physicians
	IM 26.47	Identify, discuss and defend medico legal, socio-cultural and ethical issues as they pertain to refusal of care including do not resuscitate and withdrawal of life support
63.	IM 26.48	Demonstrate altruism
64.	IM 26.49	Administer informed consent and appropriately address patient queries to a patient being enrolled in a research protocol in a simulated environment

SGT: Pandemic Module: Phase III: part 2 Module 4

The student should be able to:	Level
1. Describe and discuss the triage facilities required for persons during epidemics	KH
2. Demonstrate the role of IMG in triage and referral	SH
3. Demonstrate the ability to manage a suspected /confirmed case in the emergency room during a pandemic	SH
4. Demonstrate the ability to perform outbreaks, life-saving interventions during ensuring safety of HCWs	SH
5. Demonstrate the ability to handle death related events during outbreaks	SH

6. Demonstrate the ability to prepare mediareports, use online communication	SH
7. Demonstrate the ability to handle media communication and education	SH
8. Demonstrate the ability to recognise spam & fake messages	SH
9. Visit, enumerate and describe the functions of an Intensive Care Unit	KH
10. Enumerate and describe the criteria for admission and discharge of a patient to an ICU	KH
11. Observe and describe the management of an unconscious patient	KH
12. Observe and describe the basic setup process of a ventilator	KH
13. Observe and describe the principles of monitoring in an ICU	KH
14. Demonstrate an understanding and needs and preferences of Patients when choosing curative and palliative therapy.	KH

General Surgery

MBBS 4th phase Clinical Posting

Sr. No	Competency	Topic	T-L Method
1	SU9.1	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient	Bed Side Clinic
2	SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately	Bed Side Clinic
3	SU10.1	Describe the principles of perioperative management of common surgical procedures	Bed Side Clinic
4	SU10.2	Describe the steps and obtain informed consent in a simulated environment	Bed Side Clinic
5	SU10.3	Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.	Bed Side Clinic
6	SU10.4	Perform basic surgical Skills such as First aid including suturing and minor surgical procedures in simulated environment	Bed Side Clinic
7	SU12.2	Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient	Bed Side Clinic
8	SU14.2	Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general.	Bed Side Clinic
9	SU14.3	Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	Bed Side Clinic
10	SU14.4	Demonstrate the techniques of asepsis and suturing in a simulated environment	Bed Side Clinic
11	SU17.1	Describe the Principles of FIRST AID	Bed Side Clinic
12	SU17.2	Demonstrate the steps in Basic Life Support. Transport of injured patient in a simulated environment	Bed Side Clinic
13	SU22.4	Describe the clinical features, classification and principles of management of thyroid cancer	Bed Side Clinic
14	SU25.1	Describe applied anatomy and appropriate investigations for breast disease	Bed Side Clinic
15	SU25.2	Describe the etiopathogenesis, clinical features and principles of management of benign breast disease including infections of the breast	Bed Side Clinic

Sr. No	Competency	Topic	T-L Method
16	SU25.3	Describe the etiopathogenesis, clinical features, investigations and principles of treatment of benign and malignant tumours of breast.	Bed Side Clinic
17	SU25.4	Counsel the patient and obtain informed consent for treatment of malignant conditions of the breast	Bed Side Clinic
18	SU25.5	Demonstrate the correct technique to palpate the breast for breast swelling in a mannequin or equivalent	Bed Side Clinic
19	SU27.8	Demonstrate the correct examination of the lymphatic system	Bed Side Clinic
20	SU28.2	Demonstrate the correct technique to examine the patient with hernia and identify different types of hernias.	Bed Side Clinic
21	SU28.9	Demonstrate the correct technique of examination of a patient with disorders of the stomach	Bed Side Clinic
22	SU28.18	Describe and demonstrate clinical examination of abdomen. Order relevant investigations. Describe and discuss appropriate treatment plan	Bed Side Clinic
23	SU29.10	Demonstrate a digital rectal examination of the prostate in a mannequin or equivalent	Bed Side Clinic
24	SU30.2	Describe the applied anatomy clinical features, investigations and principles of management of undescended testis.	Bed Side Clinic
25	SU30.3	Describe the applied anatomy clinical features, investigations and principles of management of epididymo-orchitis	Bed Side Clinic
26	SU30.4	Describe the applied anatomy clinical features, investigations and principles of management of varicocele	Bed Side Clinic
27	SU30.5	Describe the applied anatomy, clinical features, investigations and principles of management of Hydrocele	Bed Side Clinic
28	SU30.6	Describe classification, clinical features, investigations and principles of management of tumours of testis	Bed Side Clinic

General Surgery

MBBS 4th Phase

Small Group Discussion & SDL

Sr. No	Competency	COMPETENCY
1.	SU1.1	Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.
	SU1.2	Describe the factors that affect the metabolic response to injury.
	SU1.3	Describe basic concepts of perioperative care.
2.	SU2.1	Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring.
	SU2.2	Describe the clinical features of shock and its appropriate treatment.
3.	SU2.3	Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care
4.	SU3.1	Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion.
	SU3.2	Observe blood transfusions.
5.	SU3.3	Counsel patients and family/ friends for blood transfusion and blood donation.
6.	SU4.2	Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment.
	SU4.3	Discuss the Medicolegal aspects in burn injuries.
7.	SU5.1	Describe normal wound healing and factors affecting healing.
	SU5.3	Differentiate the various types of wounds, plan and observe management of wounds.

Sr. No	Competency	COMPETENCY
	SU5.4	Discuss medico legal aspects of wounds
8.	SU6.1	Define and describe the aetiology and pathogenesis of surgical Infections
	SU6.2	Enumerate Prophylactic and therapeutic antibiotics Plan appropriate management
9.	SU7.1	Describe the Planning and conduct of Surgical audit
	SU7.2	Describe the principles and steps of clinical research in General Surgery
10.	SU8.1	Describe the principles of Ethics as it pertains to General Surgery
	SU8.2	Demonstrate Professionalism and empathy to the patient undergoing General Surgery
11.	SU9.1	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient
	SU9.2	Biological basis for early detection of cancer and multidisciplinary approach in management of cancer
12.	SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately
13.	SU10.1	Describe the principles of perioperative management of common surgical procedures
	SU10.2	Describe the steps and obtain informed consent in a simulated environment
14.	SU10.3	Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.
15.	SU10.4	Perform basic surgical Skills such as First aid including suturing and minor surgical procedures in simulated environment
16.	SU11.1	Describe principles of Preoperative assessment.
	SU11.2	Enumerate the principles of general, regional, and local Anaesthesia.
	SU11.4	Enumerate the indications and principles of day care General Surgery
	SU11.5	Describe principles of providing post-operative pain relief and management of chronic pain.
	SU11.6	Describe Principles of safe General Surgery
17.	SU12.1	Enumerate the causes and consequences of malnutrition in the surgical patient
	SU12.2	Describe and discuss the methods of estimation and replacement of the fluid and electrolyte requirements in the surgical patient
	SU12.3	Discuss the nutritional requirements of surgical patients, the methods of providing nutritional support and their complications
18.	SU13.1	Describe the immunological basis of organ transplantation
	SU13.2	Discuss the Principles of immunosuppressive therapy.Enumerate Indications, describe surgical principles, management of organ transplantation
	SU13.3	Discuss the legal and ethical issues concerning organ donation
19.	SU13.4	Counsel patients and relatives on organ donation in a simulated environment
20.	SU14.1	Describe Aseptic techniques, sterilization and disinfection.
	SU14.2	Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general.
	SU14.3	Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)
21.	SU14.4	Demonstrate the techniques of asepsis and suturing in a simulated environment
22.	SU15.1	Describe classification of hospital waste and appropriate methods of disposal.
23.	SU16.1	Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery
24.	SU17.1	Describe the Principles of FIRST AID
	SU17.3	Describe the Principles in management of mass casualties
25.	SU17.2	Demonstrate the steps in Basic Life Support. Transport of injured patient in a simulated environment
26.	SU17.4	Describe Pathophysiology, mechanism of head injuries

Sr. No	Competency	COMPETENCY
	SU17.5	Describe clinical features for neurological assessment and GCS in head injuries
	SU17.6	Chose appropriate investigations and discuss the principles of management of head injuries
	SU17.7	Describe the clinical features of soft tissue injuries. Chose appropriate investigations and discuss the principles of management.
	SU17.8	Describe the pathophysiology of chest injuries.
	SU17.9	Describe the clinical features and principles of management of chest injuries.
27.	SU17.10	Demonstrate Airway maintenance. Recognize and manage tension pneumothorax, hemothorax and flail chest in simulated environment.
28.	SU18.1	Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections.
	SU18.2	Classify skin tumors Differentiate different skin tumors and discuss their management.
29.	SU19.1	Describe the etiology and classification of cleft lip and palate
	SU19.2	Describe the Principles of reconstruction of cleft lip and palate
30.	SU20.1	Describe etiopathogenesis of oral cancer symptoms and signs of oropharyngeal cancer.
	SU20.2	Enumerate the appropriate investigations and discuss the Principles of treatment.
31.	SU21.1	Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of disorders of salivary glands
	SU21.2	Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands
32.	SU22.1	Describe the applied anatomy and physiology of thyroid
	SU22.2	Describe the etiopathogenesis of thyroidal swellings
	SU22.4	Describe the clinical features, classification and principles of management of thyroid cancer
	SU22.5	Describe the applied anatomy of parathyroid
	SU22.6	Describe and discuss the clinical features of hypo - and hyperparathyroidism and the principles of their management
33.	SU23.1	Describe the applied anatomy of adrenal glands
	SU23.2	Describe the etiology, clinical features and principles of management of disorders of adrenal gland
	SU23.3	Describe the clinical features, principles of investigation and management of Adrenal tumors
34.	SU24.1	Describe the clinical features, principles of investigation, prognosis and management of pancreatitis.
	SU24.2	Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours
	SU24.3	Describe the principles of investigation and management of Pancreatic disorders including pancreatitis and endocrine tumors.
35.	SU25.1	Describe applied anatomy and appropriate investigations for breast disease
	SU25.2	Describe the etiopathogenesis, clinical features and principles of management of benign breast disease including infections of the breast
	SU25.3	Describe the etiopathogenesis, clinical features, Investigations and principles of treatment of benign and malignant tumours of breast.
36.	SU26.1	Outline the role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases
37.	SU26.3	Describe the clinical features of mediastinal diseases and the principles of management
	SU26.4	Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management
38.	SU27.1	Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease.

Sr. No	Competency	COMPETENCY
	SU27.3	Describe clinical features, investigations and principles of management of vasospastic disorders
	SU27.4	Describe the types of gangrene and principles of amputation
	SU27.5	Describe the applied anatomy of venous system of lower limb
	SU27.6	Describe pathophysiology, clinical features, Investigations and principles of management of DVT and Varicose veins
39.	SU27.7	Describe pathophysiology, clinical features, investigations and principles of management of Lymph edema, lymphangitis and Lymphomas
	SU27.8	Demonstrate the correct examination of the lymphatic system
40.	SU28.1	Describe pathophysiology, clinical features, Investigations and principles of management of Hernias
	SU28.3	Describe causes, clinical features, complications and principles of management of peritonitis
	SU28.4	Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors
41.	SU28.5	Describe the applied Anatomy and physiology of esophagus
	SU28.6	Describe the clinical features, investigations and principles of management of benign and malignant disorders of esophagus
	SU28.7	Describe the applied anatomy and physiology of stomach
42.	SU28.8	Describe and discuss the aetiology, the clinical features, investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic ulcer disease, Carcinoma stomach
	SU28.10	Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver
	SU28.11	Describe the applied anatomy of spleen. Describe the clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis - prophylaxis
43.	SU28.12	Describe the applied anatomy of biliary system. Describe the clinical features, investigations and principles of management of diseases of biliary system
	SU28.13	Describe the applied anatomy of small and large intestine
	SU28.14	Describe the clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome
44.	SU28.15	Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.
	SU28.16	Describe applied anatomy including congenital anomalies of the rectum and anal canal
	SU28.17	Describe the clinical features, investigations and principles of management of common anorectal diseases
45.	SU29.1	Describe the causes, investigations and principles of management of Hematuria
	SU29.2	Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system
	SU29.3	Describe the Clinical features, Investigations and principles of management of urinary tract infections
	SU29.4	Describe the clinical features, investigations and principles of management of hydronephrosis
46.	SU29.5	Describe the clinical features, Investigations and principles of management of renal calculi
	SU29.6	Describe the clinical features, investigations and principles of management of renal tumours
	SU29.7	Describe the principles of management of acute and chronic retention of urine
47.	SU29.8	Describe the clinical features, investigations and principles of management of bladder cancer

Sr. No	Competency	COMPETENCY
	SU29.9	Describe the clinical features, investigations and principles of management of disorders of prostate
	SU29.11	Describe clinical features, investigations and management of urethral strictures
48.	SU30.1	Describe the clinical features, investigations and principles of management of phimosis, paraphimosis and carcinoma penis.

PAEDIATRICS

Time table for clinical posting (III-phase 2nd part)

Sr. No	Topic	NUMBER AND NAME OF THE COMPETENCY
1.	Adolescent Health checkup	PE6.9Perform routine Adolescent Health checkup including eliciting history, performing examination including SMR (Sexual Maturity Rating), growth assessments (using Growth charts) and systemic exam including thyroid and Breast exam and the HEADSS screening
2.	Complementary Feeding	PE8.4Elicit history on the Complementary Feeding habits
3.	Calorie calculation	PE 9.5Calculate the age appropriate calorie requirement in health and disease and Identify gap PE 9.6Assess and classify the nutrition status of infants, children and adolescents and recognize deviations PE 9.7Plan an appropriate diet in health and disease
4.	SAM and MAM	PE 10.3Assessment of a patient with SAM and MAM, diagnosis, classification and planning management including hospital and community based intervention, rehabilitation and prevention PE 10.5Counsel parents of children with SAM and MAM
5.	Obesity	PE 11.3Assessment of a child with obesity with regard to eliciting history including physical activity, charting and dietary recall PE 11.4 Examination including calculation of BMI, measurement of waist hip ratio, Identifying external markers like acanthosis, striae, pseudo-gynecomastiaetc PE 11.5Calculate BMI, document in BMI chart and interpret
6.	Fluid and electrolyte requirement	PE 15.3Calculate the fluid and electrolyte requirement in health; PE 15.4 Interpret electrolyte report; PE 15.5Calculate fluid and electrolyte imbalance
7.	Diarrheal disease	PE 24.9Elicit, document and present history pertaining to diarrheal diseases PE 24.10Assess for signs of dehydration, document and present PE 24.12 Perform and interpret stool examination including Hanging Drop PE 24.14Plan fluid management as per the WHO criteria
8.	Normal neonate	PE 20.4Assessment of a normal neonate; PE 20.6Explain the follow-up care for neonates including Breastfeeding, Temperature maintenance, immunization, importance of growth monitoring and red flags.
9.	Neonatal hyperbilirubinemia	PE 20.19Discuss the etiology, clinical features and management of Neonatal hyperbilirubinemia
10.	Diseases of the Genitourinary tract part 1	PE 21.8Elicit, document and present a history pertaining to diseases of the Genitourinary tract; PE 21.9Identify external markers for Kidney disease, like Failing to thrive, hypertension, pallor, Ichthyosis, anasarca PE 21.10Analyze symptom and interpret the physical findings and arrive at an appropriate provisional differential diagnosis
11.	Diseases of the Genitourinary tract :Part 2	PE 21.11Perform and interpret the common analyses in a Urine examination PE 21.12 Interpret report of Plain X Ray of KUB; PE 21.13Enumerate the indications for and Interpret the written report of Ultra sonogram of KUB
12.	Common surgical conditions of the abdomen and genitourinary system	PE 21.14Recognize common surgical conditions of the abdomen and genitourinary system and enumerate the indications for referral including acute and subacute intestinal obstruction, appendicitis, pancreatitis, perforation intussusception, Phimosis, undescended testis, Chordee, hypospadias, Torsion testis, hernia Hydrocele, VulvalSynechia

13.	Thalassemia	PE 29.11 Identify external markers for hematological disorder e.g. Jaundice, Pallor, Petechiae, Purpura, Ecchymosis, Lymphadenopathy, bone tenderness, loss of weight, Mucosal and large joint bleed.; PE 29.12 Perform examination of the abdomen, demonstrate Organomegaly.; PE 29.14 Interpret CBC, LFT PE 29.16 Discuss the indications for Hemoglobin electrophoresis and interpret the report.; PE 29.19 Counsel and educate patients about prevention and treatment of anemia.; PE 29.20 Enumerate the indications for splenectomy and precautions
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PAEDIATRICS

Time table for clinical posting (III-phase 2nd part)

Sr No	Topic	NUMBER AND NAME OF THE COMPETENCY
14.	Counselling	PE 22.2 Counsel a patient with Chronic illness PE 27.32 Counsel parents of dangerously ill/ terminally ill child to break a bad news PE 27.33 Obtain Informed Consent
15.	CNS part 1	PE 30.17 Elicit, document and present an age appropriate history pertaining to the CNS PE 30.18 Demonstrate the correct method for physical examination of CNS including identification of external markers. Document and present clinical findings
16.	CNS part 2	PE 30.19 Analyse symptoms and interpret physical findings and propose a provisional / differential diagnosis PE 30.20 Interpret and explain the findings in a CSF analysis PE 30.21 Enumerate the indication and discuss the limitations of EEG, CT, MRI
17.	Respiratory system part 1	PE 31.6 Recognize symptoms and signs of asthma in a child PE 31.7 Develop a treatment plan for a child with appropriate to the severity and clinical presentation PE 31.8 Enumerate the criteria for referral in a child with asthma
18.	Respiratory system part 2	PE 31.9 Interpret CBC and CX Ray in Asthma PE 31.10 Enumerate the indications for PFT PE 31.11 Observe administration of Nebulization
19.	Cardiovascular system part 1	PE 23.7 Elicit appropriate history for a cardiac disease, analyze the symptoms e.g. breathlessness, chest pain, tachycardia, feeding difficulty, failing to thrive, reduced urinary output, swelling, syncope, cyanotic spells, Suck rest cycle, frontal swelling in infants. PE 23.8 Identify external markers of a cardiac disease e.g. Cyanosis, Clubbing, dependent edema, dental caries, arthritis, erythema rash, chorea, subcutaneous nodules, Osler node, Janeway lesions and document PE 23.10 Perform independently examination of the cardiovascular system – look for precordial bulge, pulsations in the precordium, JVP and its significance in children and infants, relevance of percussion in Pediatric examination, auscultation and other system examination and document
20.	Cardiovascular system part 2	PE 23.3 Discuss the etiopathogenesis, clinical presentation and management of cardiac failure in infant and children
21.	Genetic disorders	PE 32.2 Identify the clinical features of Down Syndrome PE 32.7 Identify the clinical features of Turner Syndrome
22.	NG tube insertion and IV cannulation	PE 24.15 Perform NG tube insertion in a manikin PE 24.16 Perform IV cannulation in a model PE 27.20 Secure an IV access in a simulated environment
23.	Lumbar puncture	PE 30.23 Perform in a mannequin lumbar puncture. Discuss the indications, contraindication of the procedure
24.	Bone marrow aspiration	PE 29.17 Demonstrate performance of bone marrow aspiration in mannequin. PE 26.10 Demonstrate the technique of liver biopsy Perform Liver Biopsy in a simulated environment
25.	TERM ENDING EXAM	

Pediatrics Small Group Discussion (CBME-2019 batch) (4th phase)

(SGD 20 hours)

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)	Teaching mode
1	UTI	PE 21.1	Enumerate the etiopathogenesis, clinical features, complications and management of Urinary Tract infection (UTI) in children	Seminar
2	GLOMERULONEPHRITIS	PE 21.2	Enumerate the etiopathogenesis, clinical features, complications and management of acute poststreptococcal Glomerular Nephritis in children	Tutorial
3	WILMS TUMOUR	PE 21.7	Enumerate the etiopathogenesis, clinical features, complications and management of Wilms Tumour.	Tutorial
4	NEPHROTIC SYNDROME	PE 21.3	Discuss the approach and referral criteria to a child with Proteinuria/Nephrotic syndrome	Tutorial
		PE 21.4	Discuss the approach and referral criteria to a child with hematuria	
5	TUBERCULOSIS	PE 34.6	Identify a BCG scar	Bedside, Skills lab
		PE 34.7	Interpret a Mantoux Test	
		PE 34.8	Interpret a chest radiograph	
		PE 34.9	Interpret blood tests in the context of laboratory evidence for tuberculosis	
		PE 34.10	Discuss the various samples for demonstrating the organism e.g., Gastric Aspirate, Sputum, CSF, FNAC	
6	FEVER	PE 34.14	Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, types, complications and management of fever in children	Tutorial
7	MUMPS, MEASLES, RUBELLA	PE 34.15	Discuss the etiopathogenesis, clinical features, complications and management of child with exanthematous illness like Measles, Mumps, Rubella	seminar
8	CHICKENPOX	PE 34.15	Discuss the etiopathogenesis, clinical features, complications and management of child with chicken pox	tutorial
9	DIPHTHERIA, PERTUSIS, TETANUS	PE 34.16	Discuss the etiopathogenesis, clinical features, complications and management of child with Diphtheria, Pertussis, Tetanus	seminar
10	TYPHOID	PE 34.17	Discuss the etiopathogenesis, clinical features, complications and management of child with Typhoid	seminar
11	VECTOR BORNE DISEASES	PE 34.18	Discuss the etiopathogenesis, clinical features, complications and management of child with Chikungunya and other vector borne diseases	seminar
12	DENGUE	PE 34.18	Discuss the etiopathogenesis, clinical features, complications and management of child with dengue	seminar

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)	Teaching mode
13	MALARIA	PE 34.19	Discuss the etiopathogenesis, clinical features, complications and management of children with malaria	tutorial
14	AMOEBIASIS, LEISHMANIASIS	PE 34.19	Discuss the etiopathogenesis, clinical features, complications and management of children with amebiasis, leishmaniasis	seminar
15	FILARIASIS, GIARDIASIS	PE 34.19	Discuss the etiopathogenesis, clinical features, complications and management of children with filariasis, giardiasis	seminar
16	HELMINTHIC INFECTION	PE 34.19	Discuss the etiopathogenesis, clinical features, complications and management of children with helminthic infection	seminar
17	RICKETTSIAL DISEASE	PE 34.20	Discuss the etiopathogenesis, clinical features, complications and management of child with Rickettsial diseases	seminar
18	MALABSORPTION IN CHILDREN	PE 25.1	Discuss the etiopathogenesis, clinical presentation and management of Malabsorption in Children and its causes including celiac disease.	tutorial
19	ADHD & AUTISM	PE 4.3	ADHD and autism child guidance clinic	Seminar
			Discuss the etiology, clinical features, diagnosis and management of a child with attention deficit hyperactivity disorder (ADHD)	
		PE 4.4	Discuss etiology, clinical features, diagnosis and management of a child with autism	
	PE 4.5	Discuss the role of Child Guidance Clinic in children with Developmental problems		
20	BLS	PE 27.28	Provide BLS for children in manikin	SKILLS LAB/bed side

Pediatrics SELF DIRECTIVE LEARNING (CBME-2019 batch) (III-phase 2nd) (SDL 5 HOURS)

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)
1	IRON DEFICIENCY ANEMIA	PE 29.2	Discuss the etiopathogenesis, clinical features and management of iron deficiency anemia.
2	PHARYNGOTONSILITIS AND AOM	PE 28.2	Discuss the etiopathogenesis of Pharyngotonsillitis
		PE 28.3	Discuss the clinical features and management of Pharyngotonsillitis
		PE 28.4	Discuss the etiopathogenesis, clinical features and management of Acute Otitis Media (AOM)
3	ALLERGIC RHINITIS & ATOPIC DERMATITIS IN CHILDREN	PE 31.1	Describe the etiopathogenesis, management and prevention of Allergic Rhinitis in Children
		PE 31.3	Describe the etiopathogenesis, clinical features and management of Atopic dermatitis in Children
4	STRIDOR IN CHILDREN	PE 28.7	Discuss the etiology, clinical features and management of Stridor in children
5	PORTAL HYPERTENSION	PE 26.4	PE 26.4 Discuss the etiopathogenesis, clinical features and management of Portal Hypertension in children

Pediatrics (SGD 15 hours)

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)	Teaching mode
21	URTICARIA/ANGIOEDEMA	PE 31.12	Discuss the etiopathogenesis, clinical features, complications and management of Urticaria, Angioedema.	Seminar
22	DOWNS SYNDROME	PE 32.1	Discuss the genetic basis, risk factors, complications, prenatal diagnosis, management and genetic counselling in Down Syndrome	Seminar
23	TURNER SYNDROME	PE 32.6	Discuss the genetic basis, risk factors, clinical features, complications, prenatal diagnosis, management and genetic counseling in Turner Syndrome	Seminar
24	KLINEFELTERS SYNDROME	PE 32.11	Discuss the genetic basis, risk factors, complications, prenatal diagnosis, management and genetic counselling in Klinefelter Syndrome	seminar
25	HYPOTHYROIDISM	PE 33.1	Describe the etiopathogenesis clinical features, management of Hypothyroidism in children	Tutorial
		PE 33.2	Recognize the clinical signs of Hypothyroidism and refer	Bedside
26	DIABETES MELLITUS IN CHILDREN	PE 33.4	Discuss the etiopathogenesis, clinical types, presentations, complication and management of Diabetes mellitus in children	Tutorial
27	HYDROCEPHALUS	PE 30.3	Discuss the etiopathogenesis, classification, clinical features, complication and management of Hydrocephalus in children	SEMINAR
28	MICROCEPHALY	PE 30.4	Discuss the etiopathogenesis, classification, clinical features, and management of Microcephaly in children	SEMINAR
29	NEURAL TUBE DEFECT AND INFANTILE HEMIPLEGIA	PE 30.5	Enumerate the Neural tube defects. Discuss the causes, clinical features, types, and management of Neural Tube defect	TUTORIAL
		PE 30.6	Discuss the etiopathogenesis, clinical features, and management of Infantile hemiplegia	
30	POLIOMYELITIS	PE 30.13	Discuss the etiopathogenesis, clinical features, management and prevention of Poliomyelitis in children	seminar
31	LUMBAR PUNCTURE AND CSF ANALYSIS	PE30.23	Perform in a mannequin lumbar puncture. Discuss the indications, contraindication of the procedure	SKILLS LAB/BEDSIDE
		PE 30.20	Interpret and explain the findings in a CSF analysis	
32	DUCHENE MUSCULAR DYSTROPHY	PE 30.14	Discuss the etiopathogenesis, clinical features and management of Duchene muscular dystrophy	seminar
33	ATAXIA	PE 30.15	Discuss the etiopathogenesis, clinical features and management of Ataxia in children	
34	COMMON SURGICAL CONDITION IN NEONATE	PE 20.20	Identify clinical presentations of common surgical conditions in the newborn including TEF, esophageal atresia, anal atresia, cleft lip and palate, congenital diaphragmatic hernia and causes of acute abdomen.	seminar

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)	Teaching mode
35	COMMON SURGICAL CONDITION IN CHILDREN	PE 21.14	Recognize common surgical conditions of the abdomen and genitourinary system intussusception, Phimosis, undescended testis, Chordee, hypospadias, Torsion testis, hernia Hydrocele, VulvalSynechia	tutorial

Pediatrics: SELF DIRECTIVE LEARNING (CBME-2019 batch) (III-phase 2nd Part): (SDL 5 Hrs)

SR NO	Topic	Competency	Competency (The students should be able to know/know how at the end of TL session)
6	FALLOT PHYSIOLOGY	PE 23.2	Discuss the Hemodynamic changes, clinical presentation, complications and management of Cyanotic Heart Diseases – FalLOT Physiology
7	HEADACHE	PE 30.16	Discuss the approach to and management of a child with headache
8	EPILEPSY	E 30.8	Define epilepsy. Discuss the pathogenesis, clinical types, presentation and management of Epilepsy in children
9	MENTAL RETARDATION IN CHILDREN	E 30.10	Discuss the etiopathogenesis, clinical features and management of Mental retardation in children
10	CEREBRAL PALSY	PE 30.11	Discuss the etiopathogenesis, clinical features and management of children with cerebral palsy

Obstetrics and Gynecology Clinical Posting Teaching Time table for III MBBS Part II

S.N.	Competency	Topic	Teaching learning method
1	OG8.3	Obstetric Examination	Bedside clinic / Skill Lab
2	OG8.4	Clinical Monitoring of Maternal and Fetal wellbeing	Bedside clinic
3	OG8.5	Maternal Pelvis Fetal Skull pelvic assessment	Skill lab
4	OG9.1	Abortion	Bedside clinic
5	OG13.4	Mechanism of Labor	Skill lab
6	OG13.4	Management of Labor first stage	Labor room demo
7	OG13.4	Intrapartum Monitoring of wellbeing / Partogram and CTG	Labor room demo
8	OG35.14	Management of a labor Second stage- Episiotomy	Labor room demo
9	OG35.16	Management of a Labor Third stage, PPH, Oxytoxics	Labor room demo
10	OG10.1	Antepartum Hemorrhage- (Case) Placenta Previa	Bedside clinic
11	OG10.1	Antepartum Hemorrhage- (Case) Abroptio Placenta	Bedside clinic
12	OG35.8	Anemia Case	Bedside clinic
13	OG35.8	Preeclampsia Antihypertensives in Pregnancy	Bedside clinic
14	OG35.8	Eclampsia, Anticonvulsants in Pregnancy	Bedside clinic
15	OG35.8	IUGR, Fetal well being tests	Bedside clinic
16	OG35.8	Multifetal Gestation	Bedside clinic
17	OG35.8	Breech	Bedside clinic
18	OG35.8	Pre Caesarean	Bedside clinic
19	OG35.8	Preterm, Tocolytics	Bedside clinic
20	OG35.8	Postdated Pregnancy Induction of Labor and Drugs used in Induction	Bedside clinic
21	OG35.8	Heart Disease in Pregnancy	Bedside clinic
22	OG35.8	Diabetes in Pregnancy	Bedside clinic
23		Ward leaving exam– IA Exam	
24		Feed back	

S.N.	Competency no.	Topic	Teaching learning method
1	OG37.6	Forceps and Vacuum	Skill Lab
2	OG37.6	Breech Delivery	Skill lab

3	OG36.2	Post natal clinic and well baby clinic	OPD visit
4	OG36.2	PNC Case	Bedside clinic
5	OG36.2	Normal and abnormal Puerperium	Bedside clinic
6	OG17.2	Breast care, Technique of Breast Feeding	Bedside clinic
7	OG35.17	Female Urinary Catheterization	Skill lab
8	OG37.4	Dilatation and Curettage	OT, Video
9	OG37.5	Endometrial and Endocervical Curettage	OT, Video
10	OG36.1	Government Schemes e.g. PMJY, MPJY, JSY, JSSK	Case based learning
11	OG35.4	Doctor Patient Communication	Roll play, OPD visit
12	OG35.6	Ethics in Medical Practice	Case based learning
13	OG35.10	Referral note	Case based learning
14	OG38.4	Issue Medical Certificate	Case based learning
15	OG35.16	APH Placenta Previa	Case based learning
16	OG35.16	APH – Abruptio placenta	Case based learning
17	OG35.11	HIV Case	Case based learning
18	OG35.11	HIV- PPTCT Counseling	Case based learning
19	OG13.5	Normal Delivery	Labor room
20	OG37.1	Caesarean Section	OT
21	OG35.1	Gynecology History and Examination	Case based learning
22	OG35.12	Pap Smear	OPD
23		Ward leaving exam– IA Exam	
24		Feed back	

S.N.	Competency no.	Topic	Teaching learning method
1	OG36.3	Cervical biopsy, VIA, VILI, Colposcopy	Cancer detection OPD / Video
2	OG35.15	Contraception methods- IUCD insertion removal	Skill lab
3	OG13.4	Counseling for safe abortion	Bed side clinic
4	OG20.2	Informed consent for MTP, MTP Act. , Form to be filled	Bed side clinic
5	OG37.7	Suction and Evacuation (Spontaneous abortion, first trimester MTP)	OT
6	OG38.3	Minilap TL/ Lap Sterilization	OT/ Video
7	OG19.2	Counseling for contraception, sterilization, Puerperal sterilization	Family welfare clinic
8	OG35.1, OG35.2	Vaginitis, syndromic approach to sexually transmitted infection	Case based learning
9	OG35.1 OG35.2	Fibroid Uterus	Case based learning
10	OG35.1, OG35.2	Genital Prolapse	Case based learning
11	OG35.1, OG35.2	Infertility	Case based learning
12	OG35.1, OG35.2	Adenexal Mass	Case based learning
13	OG35.1, OG35.2	Abnormal Uterine Bleeding (O)	Case based learning
14	OG35.1, OG35.2	Post Menopausal Bleeding	Case based learning
15	OG35.1, OG35.2	Cancer Cervix	Case based learning
16	OG37.2	Exploratory Laparotomy	OT / Video
17	OG37.3	Vaginal Hysterectomy	OT / Video
18	OG37.3	Abdominal Hysterectomy	OT / Video
19	OG38.1	Laparoscopy	OT / Video
20		Revision drugs in Obstetrics and Gynecology	
21		Revision Instruments	
22		Revision Contraception	
23		Ward leaving exam– IA Exam	
24		Feed back	

Obstetrics and Gynecology

Time table for Small Group Teaching III MBBS Part II

S.N.	Competency no.	Topic	T/L method
1	OG 2.1	Anatomy of Female Reproductive Tract	SGD
2	OG 3.1	Physiology of Conception	SGD
3	OG 4.1	Development of Fetus and Placenta	SGD
4	OG 5.1	Preconception and antenatal care	Seminar
5	OG 6.1	Diagnosis of Pregnancy	SGD
6	OG 7.1	Maternal Changes in Pregnancy	Seminar
7	OG 8.5	Maternal Pelvis and Fetal skull	DOAP
8	OG 8.3	Obstetric Examination	DOAP
9	OG 8.5	Pelvic Assessment	DOAP
10	OG 9.1	Abortion	SGD
11	OG 9.3	Ectopic Pregnancy	SGD
12	OG 9.2	MTP First Trimester	DOAP
13	OG 9.4	Gestation Trophoblastic Diseases	SGD
14	OG 9.5	Hyperemesis Gravidarum	SGD
15	OG 11.1	Twin Pregnancy	SGD
16	OG 22.1	Vaginal discharge	SGD
17	OG 23.1	Normal and Abnormal puberty	SGD
18	OG 24.1	Abnormal Uterine Bleeding	SGD
19	OG 25.1	Amenorrhea (Primary)	SGD
20	OG 25.1	Amenorrhea (Secondary)	SGD
21	OG 26.1	Genital Fistulae	SGD
22	OG 27.1	P. I. D.	Seminar
23	OG 27.2	Genital Tuberculosis	SDL
24	OG 28.1	Male Infertility	Seminar
25	OG 28.2	Female Infertility	Seminar
26	OG 28.4	Assisted Reproduction Techniques	SDL
27	OG 30.1	PCOS and Hirsutism	SGD
28	OG 31.1	Genital Prolapse	Seminar
29	OG 32.1	PNPNDT Act.	SDL
30	OG 32.2	Post Menopausal Bleeding	SGD
31	OG 29.1	PPTCT of HIV	SDL
32	OG 20.1	MTP Second Trimester	DOAP

S.N.	Competency no.	Topic	T/L method
1	OG 33.1	C. I. N.	SGD
2	OG 33.2	Cervical Cancer Screening	SGD
3	OG 33.3	Pap Smear	DOAP
4	OG 34.1	Endometrial Cancer	Seminar
5	OG 29.1	Endometriosis and Adenomyosis	SGD
6	OG 34.1	Benign Diseases of Ovary	SGD
7	OG 34.1	Malignant Ovarian tumor	Seminar
8	OG 34.3	Gestational Trophoblastic Diseases	Seminar
9	OG 19.1	Female Sterilization	DOAP
10	OG 38.1	Laparoscopy	DOAP
11	OG 38.2	Hysteroscopy	DOAP
12	OG 37.4	Dilatation and Curettage	DOAP
13	OG 38.3	Laparoscopic Sterilization	DOAP
14	OG 37.3	Hysterectomy	SGD
15	OG 35.17	Urinary Catheterisation	DOAP
16	OG 33.1	Radiotherapy in Gynec.	SDL
17	OG 35.14	Episiotomy	DOAP
18	OG 35.15	Insertion and Removal of IUCD	DOAP
19	OG 37.1	Caesarian Section	SGD
20	OG 35.16	Antepartum Hemorrhage	SGD

21	OG 15.2	Assisted Vaginal Delivery	DOAP
22	OG 16.1	Post Partum Hemorrhage	SGD
23	OG 16.3	Antepartum Fetal Surveillance	SDL
24	OG 18.1	Neonatal Resuscitation	DOAP
25	OG 15.2	Breech Delivery	DOAP
26	OG 13.1	Mechanism of Labor	DOAP
27	OG 13.1	Management of Third Stage of Labor	SGD
28	OG 9.4	Ultrasonography in Pregnancy	Seminar
29	OG 13.1	Partogram	SGD
30	OG 21.1	Oral Contraceptive Pills	SGD
31	OG 21.1	Emergency Contraception	SDL
32	OG 21.1	Barrier Contraceptives	SGD

DEPARTMENT OF ORTHOPAEDICS
SGD/SELF DIRECTED LEARNING

DAY	Description of Competency
1.	OR 1.6 Participate as a member in the team for closed reduction of shoulder dislocation / hip dislocation / knee dislocation
2.	OR 3.2 Participate as a member in team for aspiration of joints under supervision
3.	OR 3.3 Participate as a member in team for procedures like drainage of abscess, sequestrectomy/ saucerisation and arthrotomy
4.	OR 13.1 Participate in a team for procedures in patients and demonstrating the ability to perform on mannequins / simulated patients in the following: I. Above elbow plaster II. Below knee plaster III. Above knee plaster IV. Thomas splint V. splinting for long bone fractures Strapping for shoulder and clavicle trauma
5.	OR 13.2 Participate as a member in team for Resuscitation of Polytrauma victim by doing all of the following : a. I.V. access central - peripheral b. Bladder catheterization c. Endotracheal intubation Splintage

DEPARTMENT OF ORTHOPAEDICS CLINICAL POSTING

DAY	Description of Competency	Competency
1	Describe and discuss the Principles of pre-hospital care and Casualty management of a trauma victim including principles of triage	1.1
2	Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of shock	1.2
3	Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip	1..5
4	Describe and discuss the mechanism of Injury, clinical features, investigations and plan management of fracture of clavicle	2.1
5	Describe and discuss the mechanism of Injury, clinical features, investigations and plan management of fractures of proximal humerus	2.2
6	Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of fracture of shaft of humerus and intercondylar fracture humerus with emphasis on neurovascular deficit	2.4
7	Describe and discuss the aetiopathogenesis, clinical features, mechanism of injury, investigation & principles of management of fractures of both bones forearm and Galeazzi and Monteggia injury	2.5

8	Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of distal radius	2.6
9	Describe and discuss the mechanism of injury, Clinical features, investigations and principle of management of acetabular fracture	2.9
10	Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur	2.10
11	Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of (a) Fracture patella (b) Fracture distal femur (c) Fracture proximal tibia with special focus on neurovascular injury and compartment syndrom	2.11
12	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Fracture shaft of femur in all age groups and the recognition and management of fat embolism as a complication	2.12
13	Describe and discuss the aetiopathogenesis, clinical features, Investigation and principles of management of: (a) Fracture both bones leg (b) Calcaneus (c) Small bones of foot	2.13
14	Describe and discuss the aetiopathogenesis, clinical features, Investigation and principles of management of ankle fractures	2.14
15	Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome	2.15
16	Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management	2.16
17	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection e) Spirochaetal infection f) Skeletal Tuberculosis	3.1
18	Describe and discuss the clinical features, Investigation and principles of management of Tuberculosis affecting major joints (Hip, Knee) including cold abscess and caries spine	4.1
19	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of various inflammatory disorder of joints	5.1
20	Describe and discuss the clinical features, investigations and principles of management of degenerative condition of spine (Cervical Spondylosis, Lumbar Spondylosis, PID)	6.1
21	Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular osteoporosis, osteomalacia, rickets, Paget's disease	7.1
22	Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management a patient with Post Polio Residual Paralysis	8.1
23	Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management of Cerebral palsy patient	9.1
24	Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures	10.1

Subject: Dermatology IVth Phase 1st part (Clinical Posting)

	COMPETENCY	The student should be able to Know/Know how at the end of TL session
1.	DR. 1.2	Identify and grade various types of acne

	COMPETENCY	The student should be able to Know/Know how at the end of TL session
2.	DR 2.1	Identify and differentiate vitiligo from other Hypopigmented lesions.
3.	DR 3.2	Demonstration of auspitz sign and its indications
4.	DR 4.1	Identify and distinguish Lichen Planus Lesions from other lesions.
5.	DR 5.2	Identify and differentiate scabies from other lesions in adults and children
6.	DR 7.2	Demonstrate KOH mount and identify candida species in scrapings
7.	DR 8.2	Identify and distinguish herpes zoster and varicella from other skin lesions.
8.	DR 9.2	Demonstrate clinical features of leprosy with appropriate neurological examination
9.	DR 10.7	Identify and differentiate based on the clinical features of non-syphilitic sexually transmitted disease
10.	DR 11.2	Identify and differentiate dermatological manifestations of HIV and its complications, opportunistic infections and adverse reactions
11.	DR 12.2	Identify eczema and differentiate it from lichenification and changes of ageing.
12.	DR 12.5	Define Erythroderma. Enumerate the causes and discuss the treatment of Erythroderma.
13.	DR 13.2	Demonstrate Tzancksamear and its indications in dermatology.
14.	DR 13.3	Distinguish bulla from vesicles and calculate BSA of involvement of vesicobulluslesions.
15.	DR 14.3 DR 14.4	Demonstrate dermatographism, Identify and distinguish angioedema from other skin lesions.

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