


Department of General Medicine

VIMS & RC

Teaching schedule of Small group discussion for Phase III Part I MBBS students RS4
batch (CBME)

Timings: 2. PM to 4 PM (Small group discussion) JULY MONTH DAYS: FRIDAY.

Date	Competency number	Topic	Specific Learning Objectives	TL methods	Teaching faculty
30/6/2023	IM10.14 IM10.15	Generate a differential diagnosis of AKI, Chronic renal failure and prioritise based on clinical features that suggest a specific aetiology.	Differential diagnosis of AKI, Chronic renal failure	SGD	Dr Ameena Dr. Chaitra
07/7/2023	IM11.19 IM11.20 IM11.21 IM12.9 IM12.10 IM12.11	Education and counselling of patient with diabetes. Diagnosis of thyroid disorders	Correct techniques of Insulin Administration- Counselling & Demonstration Ordering and Interpretation of Thyroid function tests- Part1	SGD	Dr Josna Dr Sravani


17/06/2023
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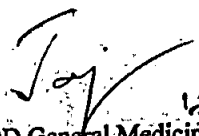
14/7/2023	IM12.9 IM12.10 IM12.11 IM16.15 IM16.16 IM16.17	Diagnosis of thyroid disorder IBD	Ordering and Interpretation of Thyroid function tests- part 2 Choosing and Interpretation of diagnostic tests in the background of clinical diagnosis of IBD & Indications for Surgical treatment in IBD	SGD	Dr Aditya Dr Satish
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12/7/2023
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Department of General Medicine

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Teaching schedule of Theory classes for Phase III Part I MBBS students RS4 batch

Days: MONDAY

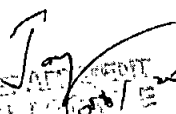
Timings: 12.15 PM to 1.15 PM (Theory).

Sl No	Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
1	26/06/23	IM 11.6	Complications of Diabetes mellitus.	<p>1. Describe and discuss the pathogenesis and temporal evolution of microvascular and macrovascular complications of diabetes</p> <p>2. Describe and discuss the pathogenesis and precipitating factors, recognition and management of diabetic emergencies</p>	Dr Jithendra
2	03/07/23	IM 11.11 IM11.16 IM11.17 IM11.18 IM11.22	Management of diabetes mellitus.	<p>1. Order and interpret laboratory tests to diagnose diabetes and its complications</p> <p>2. Discuss and describe the pharmacologic therapies for diabetes their indications, contraindications, adverse reactions and interactions</p> <p>3. Outline a therapeutic approach to therapy of T2Diabetes based on presentation, severity and complications in a cost-effective manner</p>	Dr Deepak


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Vidya Institute of Medical Sciences
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Nalbarahati, EPIP Area,
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				<p>4. Describe and discuss the pharmacology, indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage and complications of Type II Diabetes including neuropathy, nephropathy, retinopathy, hypertension, dyslipidaemia and cardiovascular disease</p> <p>4. Enumerate the causes of hypoglycaemia and describe the counter hormone response and the initial approach and treatment</p>	
3	10/07/23	<p>IM12.1 IM12.2 IM12.3 IM12.4 IM12.12 IM12.13 IM12.14 IM12.15</p>	<p>Etiopathogenesis, diagnosis and management of thyroid disorders.</p>	<p>1. Discuss the etiopathogenesis of hypothyroidism and hyperthyroidism</p> <p>2. Describe and discuss the physiology of the hypothalamopituitary - thyroid axis,</p> <p>3. principles of thyroid function testing</p> <p>4. Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders</p> <p>5. Describe the</p>	Dr Ameena

				<p>pharmacology, indications, adverse reaction, interactions of thyroxine and antithyroid drugs</p> <p>6. Discuss iodization programs of GOI</p> <p>7. Write and communicate to the patient appropriately a prescription for thyroxine based on age, sex, and clinical and biochemical status.</p>	
4	17/7/2023	<p>IM12.1 IM12.2 IM12.3 IM12.4</p> <p>IM12.12 IM12.13 IM12.14 IM12.15</p>	<p>Etiopathogenesis, diagnosis and management of thyroid disorders</p>	<p>1. Discuss the etiopathogenesis of hypothyroidism and hyperthyroidism</p> <p>2. Describe and discuss the physiology of the hypothalamopituitary - thyroid axis,</p> <p>3. principles of thyroid function testing</p> <p>4. Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders</p> <p>5. Describe the pharmacology, indications, adverse reaction, interactions of thyroxine and antithyroid drugs</p> <p>6. Discuss iodization programs of GOI</p>	Dr Shwetha


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 21/07/2023

				7. Write and communicate to the patient appropriately a prescription for thyroxine based on age, sex, and clinical and biochemical status	
5	24/7/2023	IM12.9	Etiopathogenesis, diagnosis and management of Cushing's syndrome	<ol style="list-style-type: none"> 1. Discuss the etiopathogenesis of Cushing's syndrome 2. Describe the clinical features of Cushing's syndrome 3. Describe the diagnosis and management of Cushing's syndrome 	Dr Jithendra
			Etiopathogenesis, diagnosis and management of Addison's disease	<ol style="list-style-type: none"> 1. Discuss the etiopathogenesis of Addison's disease 2. Describe the clinical features of Addison's disease 3. Describe the diagnosis and management of Addison's disease 	
6	31/7/2023	IM16.6 IM16.12 IM16.13 IM16.14	Diarrhea	1. Describe and discuss the chronic effects of diarrhoea including malabsorption	Dr Deepak


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 2, Hosangudi, Mysore
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				<p>2. Distinguish between diarrhoea and dysentery based on clinical features</p> <p>3. Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhoea</p> <p>4. Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhoea</p> <p>5. Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial and viral diarrhoea</p>	
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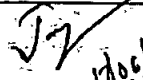
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Teaching schedule of Small group discussion for Phase III Part II MBBS students RS4 batch (CBME)

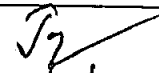
JULY 2023

Timings: 2. PM to 4 PM (Small group discussion)

Date and Day	Competency number	Topic	Specific Learning Objectives	TL methods	Teaching faculty
01/7/2023 (Saturday)	IM1.28 IM1.29 IM1.1 AN25.4 IM1.1 AN25.5	Describe embryological basis of: Atrial septal defect, ventricular septal defect, Fallots tetralogy & Tracheo-oesophageal fistula Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	ASD, VSD- Congenital ASD, VSD Congenital	SGD	Dr Rama Mishra Dr Sravan
03/7/2023 (Monday)	IM11.14 PA32.7	Describe the aetiology, pathogenesis, manifestations, laboratory, morphologic features, complications of adrenal insufficiency	Adrenal Disorder	SGD	Dr Jithendra Dr Mary


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	IM11.7 PA32.8	Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome	Adrenal Disorder		
07/7/2023 (Friday)	IM11.2 PA 32.9	Describe the aetiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms	Adrenal Disorder	SGD	Dr Meenakshi Kalyan Dr Chaitra
	IM25.5 MI2.5	Describe the etio- pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kala azar, malaria, filariae and other common parasites prevalent in India	Kala azar , Filiarisis		
	IM11.18	Describe and discuss the aetiopathogenesis, Clinical features, Investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves	Neuropathy		


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10/7/2023 (Monday)	IM25.7 MI 8.4	Describe the etiologic agents of emerging Infectious diseases. Discuss the clinical course and diagnosis	Emerging Infectious Diseases	SGD	Dr Tanuja Dr Shweta
	IM25.4 MI8.5	Define Healthcare Associated Infections (HAI) and enumerate its types. Discuss the factors that contribute to the development of HAI and the methods for prevention	Health care Associated diseases		
24/7/2023 (Monday)	IM6.10	Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC, sputum examination and cultures, blood cultures, stool analysis, CSF analysis and	<p>1. Discuss the diagnostic test used to diagnose opportunistic infection in HIV infection .</p> <p>2 Discuss the CBC, sputum analysis, chest radiograph used to diagnose respiratory infections in HIV</p> <p>3. Discuss the CBC, CSF analysis used to diagnose CNS infection in HIV.</p>		Dr Aditya Dr Satish
	IM6.11	Enumerate the indications and describe the findings for CT of the chest and brain and MRI	1. Enumerate the indications for CT chest in HIV infection and describe its finding to look for		

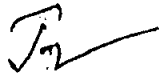
			<p>pulmonary TB .</p> <p>2 Enumerate the indications for CT abdomen in HIV infection and describe its finding .</p> <p>3 Enumerate the indications for CT brain or MRI brain in HIV infection and describe its finding.</p>	
29/7/2023 (Saturday)	IM6.12	Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest	<p>1 Enumerate the indications for pulse oximetry, ABG, chest radiograph in patients with HIV infection,</p> <p>2 Interpret results of pulse oximetry, ABG and chest radiograph</p>	Dr Ameera Dr Josna
	IM21.1 PH1.21	Describe the symptoms and management of methanol and ethanol poisonings	Ethanol methanol poisoning	

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Teaching schedule of Theory classes for Phase III Part II MBBS students RS4 batch

JULY 2023

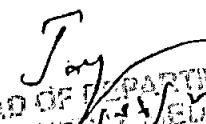
Days: Fridays

Timings: 12.15 PM to 1.15 PM (Theory)

Sl No	Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
1	07/07/23	IM 4.5	Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	1. Describe the pathophysiology and manifestations of CML 2. Describe the pathophysiology and manifestations of AML 3. Describe the pathophysiology and manifestations of NHL 4. Describe the pathophysiology and manifestations of HL 5. Describe the pathophysiology and manifestations of aplastic anemia 6. Describe the pathophysiology and manifestations of CLL 7. Describe the pathophysiology and manifestations of Multiple Myeloma	Dr Akshatha

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		IM 4.6	Discuss and describe the pathophysiology and manifestations of malaria	<p>1. Describe the etiology and epidemiology of Malaria</p> <p>2. Describe the pathogenesis of Malaria</p> <p>3. Clinical features of Malaria</p> <p>4. Complications of malaria</p> <p>5. Management – diagnosis and treatment of malaria</p> <p>6. Prevention of malaria – general measures and chemoprophylaxis</p>	
2	14/07/23	IM4.5	Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	<p>1. Describe the pathophysiology and manifestations of CML</p> <p>2. Describe the pathophysiology and manifestations of AML</p> <p>3. Describe the pathophysiology and manifestations of NHL</p> <p>4. Describe the pathophysiology and manifestations of HL</p> <p>5. Describe the pathophysiology and manifestations of aplastic anemia</p> <p>6. Describe the pathophysiology and manifestations of CLL</p> <p>7. Describe the pathophysiology and</p>	Dr. Akshatha


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		IM 4.6	Discuss and describe the pathophysiology and manifestations of malaria.	<p>manifestations of Multiple Myeloma.</p> <ol style="list-style-type: none"> 1. Describe the etiology and epidemiology of Malaria 2. Describe the pathogenesis of Malaria 3. Clinical features of Malaria 4. Complications of malaria 5. Management – diagnosis and treatment of malaria. 6. Prevention of malaria – general measures and chemoprophylaxis 	
3	28/7/2023	IM6.1	Describe and discuss the symptoms and signs of acute HIV seroconversion	<ol style="list-style-type: none"> 1. Define acute HIV infection 2. Describe clinical features of acute HIV infection 3. Discuss the clinical course of acute HIV infection 	Dr Meenakshi kalyan
		IM6.2	Define and classify HIV AIDS based on the CDC criteria	CDC classification system for HIV infection and AIDS	
		IM6.3	Describe and discuss the relationship between CDC count and the risk of opportunistic infections	<ol style="list-style-type: none"> 1. Enumerate common opportunistic infections seen in HIV infection 2. list of opportunistic infection in patients with 	

				<p>CD4 count 200 -500</p> <p>3. list of opportunistic infection in patients with CD4 count 100 - 200</p> <p>4.list of opportunistic infection in patients with CD4 count less than 100</p>	
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