

Department of General Medicine

VIMS & RC

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

JULY 2024

Days: Mondays

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
01/7/24	IM 11.11, 11.16, 11.17, 11.18, 11.22	Management of diabetes	1. Order and interpret laboratory tests to diagnose diabetes and its complications 2. Discuss and describe the pharmacologic therapies for diabetes their indications, contraindications, adverse reactions and interactions 3. Outline a therapeutic approach to therapy of T2Diabetes based on presentation, severity and complications in a cost-effective manner 4. Describe and discuss the pharmacology, indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ	Dr. Deepak

			<p>damage and complications of Type II Diabetes including neuropathy, nephropathy, retinopathy, hypertension, dyslipidemia and cardiovascular disease</p> <p>5. Enumerate the causes of hypoglycemia and describe the counter hormone response and the initial approach and treatment</p>	
08/7/24	IM 12.1, 12.2, 12.3,12.4, 12.12, 12.13, 12.14, 12.15	Etiopathogenesis, diagnosis & management of thyroid disorders	<p>1. Discuss the etiopathogenesis if hypothyroidism and hyperthyroidism</p> <p>2. Describe and discuss the physiology of the Hypothalamo pituitary - thyroid axis, principles of thyroid function testing</p> <p>3. Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders</p>	Dr. Ameena
15/7/24	IM 12.1, 12.2, 12.3,12.4, 12.12, 12.13, 12.14, 12.15		<p>4. Describe the pharmacology, indications, adverse reaction, interactions of thyroxine and antithyroid drugs</p> <p>5. Discuss iodization programs of GOI</p> <p>6. Write and communicate to the patient appropriately a prescription for thyroxine based on age, sex, and clinical and</p>	Dr. Deepak

			biochemical status	
22/7/24	IM 12.9		1.Order and interpret diagnostic testing for thyroid disease	Dr. Ameena
29/7/24	IM 16.6, 16.12, 16.13, 16.14	Diarrhoea	1.Describe and discuss the chronic effects of diarrhoea including malabsorption 2.Distinguish between diarrhoea and dysentery based on clinical features 3.Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhoea 4.Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhoea 5.Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial and viral diarrhoea	Dr. Deepak

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27/6/24
 HEAD OF DEPARTMENT
 OF GENERAL MEDICINE
 Vydehi Institute of Medical Sciences
 & Research Centre
 Mallurahalli, EPIP Area,
 Whitefield, Bangalore -560066

Department of General Medicine

VIMS & RC

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

JULY 2024

Timings: 2 TO 4 PM (SGD)

DATE	COMPETE NCY NUMBER	TOPIC	SPECIFIC LEARNING OBJECTIVES	TL METHO D	TEACHING FACULTY
5/7/2024	IM 11.19, 11.20, 11. 21, 12.9, 12.10, 12.11	Education and counselling of patient with diabetes	1.Demonstrate and counsel patients on the correct technique to administer insulin 2.Demonstrate to and counsel patients on the correct technique of self-monitoring of blood glucoses 3.Recognise the importance of patient preference while selecting therapy for diabetes 4.Order and interpret diagnostic testing for thyroid disease 5.Interpret TFT 6. Identify atrial fibrillation, pericardial effusion and bradycardia	SGD	Dr. Sandhya Dr. Shyam

12/7/2024	IM 12.9, 12.10, 12.11, 16.15, 16.16, 16.17	IBD	<p>1. Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, and stool examination</p> <p>2. Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy</p> <p>3. Describe and enumerate the indications for surgery in inflammatory bowel disease</p>	SGD	Dr. Prasuna Dr. Madhusudan
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Department of General Medicine

VIMS & RC

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

JULY-2024

Days: Fridays

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency number	Topic	SLO	Teaching faculty
5/7/24	IM 24.3	DELIRIUM , DEMENTIA , DEPRESSION	Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of acute confusional states	Dr.MEENAKSHI KALYAN
12/7/2024	IM 5.1	HYPERBILIRUBINEMIA	Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia	Dr.MEENAKSHI KALYAN
19/7/2024	IM 5.2, IM 5.3, IM 5.4, IM 5.9, IM 5.12, IM 5.13, IM 5.14	HEPATITIS B	Describe and discuss the aetiology and pathophysiology of liver injury Describe and discuss the pathologic changes in various forms of liver disease Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis Elicit document and present a medical history that helps	Dr.MEENAKSHI KALYAN

			<p>delineate the aetiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history</p> <p>Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology and ascitic fluid examination in patient with liver diseases.</p> <p>Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver disease</p> <p>Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology</p>	
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 Vydehi Institute of Medical Sciences
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 Natlurahalli, EPIP Area,
 Whitefield, Bangalore -560065

Department of General Medicine

VIMS & RC

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

JULY-2024

Timings: 2 TO 4 PM (SGD)

Date	Competency number	Topic	TL METHODS	TEACHING FACULTY
01/7/2024	IM 24.8, IM 24.12	IM24.8 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of osteoporosis in the elderly. IM24.12 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of degenerative joint disease	SGD	Dr.NIKHILESH Dr.PRASUNA
8/7/2024	IM 5.1, IM 5.12	IM5.1 Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia.	SGD	Dr.BHARATH Dr.SHYAM

		IM5.12 Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology in patient with liver diseases.		
15/7/2024	IM 5.12 IM 5.13	IM5.12 Choose and interpret appropriate diagnostic tests - ascitic fluid examination in patient with liver diseases IM5.13 Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver disease	SGD	Dr.MADHUSUDHAN Dr.NIRNAY
20/7/2024	IM 5.1 IM 5.12	IM5.1 Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia. IM5.12 Choose and interpret	SGD	Dr.VEERESH

		appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology in patient with liver diseases.		
22/7/2024	IM 5.16	<p>5.16.1 Describe and discuss the chronic complications of hepatitis, cirrhosis</p> <p>IM5.16.2 Discuss the pathophysiology of chronic complications of cirrhosis, Signs of liver cell failure</p> <p>5.16.1 Describe and discuss the pathophysiology of portal hypertension</p> <p>5.16.2 Discuss refractory ascites and management</p>	SGD	<p>Dr.RAMYA</p> <p>Dr.SARIKA</p>
29/7/24	IM 5.16	<p>5.16.1 Describe and discuss the pathophysiology of spontaneous bacterial peritonitis</p> <p>5.16.2 Discuss the precipitating factors, management of SBP including</p>	SGD	<p>Dr.NAVYA</p> <p>Dr.JYOTHSNA</p>


		prophylaxis. 5.16.1 Describe and discuss pathophysiology of hepatic encephalopathy 5.16.2 Discuss the precipitating factors, management of hepatic encephalopathy		
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