

Department of General Medicine

VIMS & RC

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

August - 2025

Days: Wednesdays and Fridays

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency Number	Topic	SLO	Teaching Faculty
01/08/2025 (Friday)	Medicine IM 5.5, 5.6	ALCHOLIC LIVER DISEASE AND OTHER OTHER CHRONIC LIVER DISEASES	Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy	Dr Tanuja
08/08/2025 (Friday)	Medicine IM 5.6, 5.10	COMPLICATI ONS OF CHRONIC LIVER DISEASES	Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy 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	Dr Tanuja
13/08/2025 (Wednesday)	Medicine IM 1.1, 1.2, 1.4, 1.5, 1.6, 1.7, 1.17	HEART FAILUR E TREATMENT OF HEART	Describe and discuss the epidemiology, pathogenesis clinical evolution and course of common causes of heart disease including: rheumatic/ valvular, ischemic,	Dr JayaShankar

		FAILURE	hypertrophic inflammatory Describe and discuss the genetic basis of some forms of heart failure Stage heart failure Describe ,discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure Describe and discuss the compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal adaptations Enumerate, describe and discuss the factors that exacerbate heart failure, dietary factors, drugs etc. Order and interpret diagnostic testing based on the clinical diagnosis including 12 lead ECG, Chest radiograph, blood cultures	
20/08/2025 (Wednesday)	Medicine IM 1.17, 1.18, 1.23, 1.24, 1.26, 1.27	TREATMENT OF HEART FAILURE	Order and interpret diagnostic testing based on the clinical diagnosis including 12 lead ECG, Chest radiograph, blood cultures Perform and interpret a 12 lead ECG Describe, prescribe and communicate non pharmacologic management of heart failure including sodium restriction, physical activity and limitations Describe and discuss the pharmacology of drugs including indications, contraindications in the management of heart failure including diuretics, ACE inhibitors, Beta blockers, aldosterone antagonists and cardiac glycosides Develop document and present a management plan for patients with heart failure based on type of failure, underlying aetiology Describe and discuss the role of penicillin prophylaxis in the prevention of rheumatic heart disease	Dr JayaShankar
22/08/2025 (Friday)	Medicine IM 15.1,	UPPER GI BLEED AND	Enumerate, describe and discuss the aetiology of upper and lower GI	Dr Tanuja

	15.2, 15.3, 15.4, 15.10, 15.11, 15.14	LOWER GI BLEED	bleeding Enumerate, describe and discuss the evaluation and steps involved in stabilizing a patient who presents with acute volume loss and GI bleed Describe and discuss the physiologic effects of acute blood and volume loss Elicit and document and present an appropriate history that identifies the route of bleeding, quantity, grade, volume loss, duration, etiology, comorbid illnesses and risk factors Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed	
29/08/2025 (Friday)	Medicine IM 1.3, 1.9, 1.21	RHEUMATIC FEVER, INFECTIVE ENDOCARDITIS	Describe and discuss the aetiology microbiology pathogenies and clinical evolution of rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever Describe and discuss and identify the clinical features of acute and subacute endocarditis, echocardiographic findings, blood culture and sensitivity and therapy	Dr Tanuja

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 26/09/25
 HEAD OF DEPARTMENT
 GENERAL MEDICINE
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 & Research Centre
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Department of General Medicine

VIMS & RC

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

August - 2025

Days: Mondays and Saturdays

Timings: 2 PM to 4 PM (SGD)

Date	Competency Number	Topic	Specific Learning Objectives	TL Methods	Teaching Faculty
02/08/2025 (Saturday)	Medicine IM 21.1 IM 21.4,	IM21.1 Describe the initial approach to the stabilisation of the patient who presents with poisoning -Insecticides and rodenticides IM21.4 Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach	21.1.1 Describe the initial approach to the Stabilisation and management of the patient who presents with organophosphorus poisoning 21.1.2 Describe the initial approach to the Stabilisation and management of the patient who presents with rodenticide poisoning - aluminium phosphide & zinc phosphide 21.4.1 Describe and discuss the clinical features, management of salicylate poisoning 21.4.2 Describe and discuss the clinical features, management of barbiturates poisoning	SGD	Dr Sandhya
04/08/2025 (Monday)	IM 15.9, 15.10, 15.6	IM15.9 Choose and interpret diagnostic tests based on the clinical	15.9.1 Choose and interpret diagnostic tests based on the clinical diagnosis including	SGD	Dr Adithya Dr Bhavya

		diagnosis including complete blood count, PT and PTT, stool examination, occult blood, liver function tests, H.pylori test in upper GI bleed IM15.10 Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding IM15.16 Enumerate the indications for endoscopic interventions and Surgery	complete blood count, PT and PTT, stool examination, occult blood, liver function tests, H.pylori test in upper GI bleed 15.10.1 Enumerate the indications for endoscopy, colonoscopy in upper GI bleed 156.10.2 Enumerate the indications for CT angiography of Upper GI bleeding IM15.16.1 Enumerate the indications for endoscopic interventions and Surgery IM15.16.2 Endoscopic intervention for variceal bleed, bleeding peptic ulcer		
08/08/2025 (Friday)	IM 15.11, 15.14	IM15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss IM15.14 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed	15.11.1 Describe and discuss fluid resuscitation in massive upper GI bleed 15.11.2 Describe and discuss blood products in massive upper GI bleed 15.14.1 enumerate the indications of vasopressors in upper GI bleed. 15.14.2 Describe pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed	SGD	Dr. Nandees Dr Sarika
11/08/2025	IM 15.15	IM15.15 Describe and enumerate the	15.15.1 Discuss about chronic dyspepsia, etiology	SGD	Dr Harsha Vardhan

(Monday)		indications, pharmacology and side effects of pharmacotherapy of acid peptic disease including Helicobacter pylori	classification 15.15.2 Treatment of acid peptic disease 15.15.3 Treatment for H Pylori infection		Dr Sathish
18/08/2025 (Monday)	IM 1.4, 1.5, 1.6, 1.7, 1.8	IM1.4 Stage heart failure IM1.5 Describe ,discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure IM1.6 Describe and discuss the compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal Adaptations IM1.7 Enumerate, describe and discuss the factors that exacerbate heart failure including ischemia, arrhythmias, anemia, thyrotoxicosis, dietary factors drugs etc. IM1.8 Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation	IM1.4.1 Describe stages of heart failure IM1.5.1. Describe the mechanism involved in right heart failure. IM1.5.2. Describe the mechanism involved in left heart failure . IM1.5.3. Differentiate between right and left heart failure. IM1.5.4. Define systolic heart failure. IM1.5.5. Define diastolic heart failure. IM1.5.6. Differentiate between systolic and diastolic heart failure. IM1.6.1 Define cardiac remodelling. IM1.6.2 Discuss neurohormonal adaptations in heart failure. IM1.6.3 Discuss the compensatory mechanism in heart failure IM1.7.1. Enumerate the factors which exacerbate heart failure. IM1.7.2. Discuss role of ischemia in heart failure. IM1.7.3. Discuss role of arrhythmia in heart failure. IM1.7.4. Discuss role of anemia in heart failure. IM1.7.5. Discuss role of	SGD	Dr Nikhilesh Dr. Vignesh

			thyrotoxicosis in heart failure. IM1.7.6 Enlist the drugs, which cause heart failure. IM1.8.1.Enlist common cardiac arrhythmias. IM1.8.2.Discuss the pathogenesis of arrhythmias. IM1.8.3.Enumerate the causes of atrialfibrillation		
23/08/2025 (Saturday)	IM 1.4, 1.5, 1.6, 1.7, 1.8	IM1.4 Stage heart failure IM1.5 Describe ,discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure IM1.6 Describe and discuss the compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal Adaptations IM1.7 Enumerate, describe and discuss the factors that exacerbate heart failure including ischemia, arrhythmias, anemia, thyrotoxicosis, dietary factors drugs etc. IM1.8 Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation	IM1.4.1 Describe stages of heart failure IM1.5.1. Describe the mechanism involved in right heart failure. IM1.5.2.Describe the mechanism involved in left heart failure . IM1.5.3.Differentiate between right and left heart failure. IM1.5.4.Define systolic heart failure. IM1.5.5.Define diastolic heart failure. IM1.5.6.Differentiate between systolic and diastolic heart failure. IM1.6.1Define cardiac remodelling. IM1.6.2 Discuss neurohormonal adaptations in heart failure. IM1.6.3 Discuss the compensatory mechanism in heart failure IM1.7.1.Enumerate the factors which exacerbate heart failure. IM1.7.2.Discuss role of ischemia in heart failure. IM1.7.3.Discuss role of arrhythmia in heart failure.	SGD	Dr Prasuna

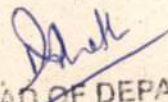
			IM1.7.4. Discuss role of anemia in heart failure. IM1.7.5. Discuss role of thyrotoxicosis in heart failure. IM1.7.6 Enlist the drugs, which cause heart failure. IM1.8.1. Enlist common cardiac arrhythmias. IM1.8.2. Discuss the pathogenesis of arrhythmias. IM1.8.3. Enumerate the causes of atrial fibrillation SGD		
25/08/2025 (Monday)	IM 1.19, 1.23, 1.24, 1.26	IM1.19 Enumerate the indications for and describe the findings of heart failure with the following conditions including: 2D echocardiography, brain natriuretic peptide, exercise testing, nuclear medicine testing and coronary angiogram IM1.23 Describe, prescribe and communicate non pharmacologic management of heart failure including sodium restriction, physical activity and limitations IM1.24 Describe and discuss the pharmacology of drugs including indications, contraindications in the management of heart failure including diuretics, ACE inhibitors, Beta blockers,	IM1.19.1 Enumerate the indications and describe the 2D ECHO findings of heart failure IM1.19.2 Discuss the importance of brain natriuretic peptide in heart failure IM1.19.3 Discuss the importance of exercise testing in heart failure IM1.19.4 Enumerate the indications and describe the nuclear medicine testing and coronary angiogram findings of heart failure IM1.23.1 Describe, prescribe and communicate non pharmacologic management of heart failure including sodium restriction, life style modification IM1.24.1 Enlist the drugs used to treat heart failure. IM1.24.2 Discuss mechanism of action of above drugs. IM1.24.3 Enumerate the side effects of diuretics.	SGD	Dr Femy Dr Shyam

		aldosterone antagonists and cardiac glycosides IM1.26 Develop document and present a management plan for patients with heart failure based on type of failure, underlying aetiology	IM1.24.4 Enumerate the side effects of beta blockers. IM1.24.5 Define the doses of all these drugs. IM1.26 Develop document and present a management plan for patients with heart failure based on type of failure, underlying aetiology - case scenarios		
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