

Department of General Medicine (VIMS & RC)

**Teaching schedule of Theory classes for Phase III Part I MBBS students RS5
(batch 2023)**

SEPTEMBER 2025 (Mondays 12.15 PM to 1.15 PM Theory)

Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
15/9/25	IM 4.1, 4.2, 4.4, 4.5	Describe and discuss the febrile response	The influence of host immune status, risk factors and comorbidities on the febrile response The influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV The pathophysiology and manifestations of inflammatory causes of fever The pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	Dr. Ameena
22/9/25	IM 4.3	Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India	Pathophysiology, clinical features of Dengue Pathophysiology, clinical features of Chikungunya Pathophysiology, clinical features of typhus	Dr. Ameena
29/9/25	IM 4.6, 4.23, 4.26	Discuss and describe the pathophysiology	Epidemiology, etiopathogenesis of malaria	Dr. Ameena

		clinical features, diagnosis and treatment of malaria	Diagnosis of malaria Complications and treatment of malaria Prescribe drugs for malaria based on the species identified, prevalence of drug resistance and national programs. Discuss the pharmacology, indications, drug reactions, and basis of resistance in antimalarial drugs Counsel the patient on malarial prevention	
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03/09/25
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Vydehi Institute of Medical Sciences
& Research Centre
Nallurahalli, EPIP Area,
Whitefield, Bangalore -560066

Department of General Medicine (VIMS & RC)

Teaching schedule of SGD classes for Phase III Part I MBBS students 2023 BATCH

SEPTEMBER 2025 (2 TO 4 PM SGD)

Date	Competency Number	Topic	Specific learning objectives	TI method	Teaching faculty
15/9/25	IM 4.6, 4.26	Discuss and describe the pathophysiology clinical features, diagnosis and treatment of malaria	Epidemiology, etiopathogenesis of malaria Diagnosis of malaria Complications and treatment of malaria	SGD	Dr. Satish Dr. Nirnay
22/9/25	IM 4.23		Prescribe drugs for malaria based on the species identified, prevalence of drug resistance and national programs. Discuss the pharmacology, indications, drug reactions, and basis of resistance in antimalarial drugs Counsel the patient on malarial prevention	SGD	Dr. Nikhilesh Dr. Aditya
29/9/25	IM 4.8, 4.16	Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO)	Definition of FUO Causes of PUO, as relevant to India Investigation and Diagnosis of PUO Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests, serologic testing for pathogens including HIV, bone marrow	SGD	Dr. Sarika Dr. Femy

		including in a normal host, neutropenic host, nosocomial host and a host with HIV disease	aspiration and biopsy		
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D. Shetty
03/08/25
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Department of General Medicine

VIMS & RC

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

September - 2025

Days: Mondays and Saturdays

Timings: 2 PM to 4 PM (SGD)

Date	Competency Number	Topic	Specific Learning Objectives	TL Methods	Teaching Faculty
01/09/2025 (Monday)	Medicine IM 1.20, 1.25, 1.27, 1.9	IM1.20 Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery IM1.25 Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation IM1.9 Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever IM1.27 Describe and discuss the role of penicillin prophylaxis in the prevention of	IM1.20.1 Discuss the severity of valvular heart disease. IM1.20.2 Enumerate clinical features of severe valvular heart disease. IM1.20.3 Discuss the intervention required for valvular heart disease. IM1.25.1 List the indication for valvotomy. IM1.25.2 List the indication for valvuloplasty. IM1.25.3 List the indication for coronary revascularization and cardiac transplantation IM1.9.1. Discuss clinical features of acute rheumatic fever. IM1.9.2. Enumerate the investigation to diagnose rheumatic fever. IM1.9.3. Discuss the management of rheumatic fever. IM1.27.1 Discuss the role of penicillin prophylaxis.	SGD	Dr Madhuri Dr Spandana

		rheumatic heart disease	IM1.27.2 Discuss the dose of penicillin for prophylaxis. IM1.27.3 Counsel the patient for long term use of penicillin		
08/09/2025 (Monday)	Medicine IM 1.21, 1.3	IM1.3 Describe and discuss the aetiology microbiology, pathogenies of infective endocarditis. IM1.21 Describe and discuss and identify the clinical features of acute and subacute endocarditis, echocardiographic findings, blood culture and sensitivity and therapy	IM1.3.1 Describe and discuss the aetiology microbiology, pathogenies of infective endocarditis IM1.21.1 Describe the clinical features of acute and subacute endocarditis. IM1.21.2 Enumerate the causes of endocarditis. IM1.21.3 Describe Echocardiographic findings. IM1.21.4 Discuss blood culture and sensitivity. IM1.21.5 Discuss treatment of acute and subacute endocarditis	SGD	Dr Sravani Dr Nirnay
13/09/2025 (Saturday)	Medicine IM 7.9,IM 11.1	IM7.9 Describe the common signs and symptoms of articular and periarticular diseases IM11.1 Define and classify diabetes IM11.2 Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes IM11.3 Describe and discuss the epidemiology and pathogenesis and risk factors economic impact and clinical evolution of type 2 diabetes	IM11.1.1 Define diabetes mellitus and classify diabetes mellitus IM11.1.2 Diagnostic criteria IM11.2.1 Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes IM11.3.1 Describe and discuss the epidemiology and pathogenesis and risk factors economic impact and clinical evolution of type 2 diabetes	SGD	Dr Bharath
15/09/2025	IM 2.10,	IM2.10 Order, perform	2.10.1 Discuss the basics of	SGD	Dr Uma

Department of General Medicine

VIMS & RC

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

September - 2025

Days: Mondays and Saturdays

Timings: 2 PM to 4 PM (SGD)

Date	Competency Number	Topic	Specific Learning Objectives	TL Methods	Teaching Faculty
01/09/2025 (Monday)	Medicine IM 1.20, 1.25, 1.27, 1.9	IM1.20 Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery IM1.25 Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation IM1.9 Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever IM1.27 Describe and discuss the role of penicillin prophylaxis in the prevention of	IM1.20.1 Discuss the severity of valvular heart disease. IM1.20.2 Enumerate clinical features of severe valvular heart disease. IM1.20.3 Discuss the intervention required for valvular heart disease. IM1.25.1 List the indication for valvotomy. IM1.25.2 List the indication for valvuloplasty. IM1.25.3 List the indication for coronary revascularization and cardiac transplantation IM1.9.1. Discuss clinical features of acute rheumatic fever. IM1.9.2. Enumerate the investigation to diagnose rheumatic fever. IM1.9.3. Discuss the management of rheumatic fever. IM1.27.1 Discuss the role of penicillin prophylaxis.	SGD	Dr Madhuri Dr Spandana

		rheumatic heart disease	IM1.27.2 Discuss the dose of penicillin for prophylaxis. IM1.27.3 Counsel the patient for long term use of penicillin		
08/09/2025 (Monday)	Medicine IM 1.21, 1.3	IM1.3 Describe and discuss the aetiology microbiology, pathogenies of infective endocarditis. IM1.21 Describe and discuss and identify the clinical features of acute and subacute endocarditis, echocardiographic findings, blood culture and sensitivity and therapy	IM1.3.1 Describe and discuss the aetiology microbiology, pathogenies of infective endocarditis. IM1.21.1 Describe the clinical features of acute and subacute endocarditis. IM1.21.2 Enumerate the causes of endocarditis. IM1.21.3 Describe Echocardiographic findings. IM1.21.4 Discuss blood culture and sensitivity. IM1.21.5 Discuss treatment of acute and subacute endocarditis	SGD	Dr Sravani Dr Nirnay
13/09/2025 (Saturday)	Medicine IM 7.9, IM 11.1	IM7.9 Describe the common signs and symptoms of articular and periarticular diseases IM11.1 Define and classify diabetes IM11.2 Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes IM11.3 Describe and discuss the epidemiology and pathogenesis and risk factors economic impact and clinical evolution of type 2 diabetes	IM11.1.1 Define diabetes mellitus and classify diabetes mellitus IM11.1.2 Diagnostic criteria IM11.2.1 Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes IM11.3.1 Describe and discuss the epidemiology and pathogenesis and risk factors economic impact and clinical evolution of type 2 diabetes	SGD	Dr Bharath
15/09/2025	IM 2.10,	IM2.10 Order, perform	2.10.1 Discuss the basics of	SGD	Dr Uma

Department of General Medicine

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

September - 2025

Days: Wednesdays and Fridays

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency Number	Topic	SLO	Teaching Faculty
03/09/2025 (Wednesday)	Medicine IM1.20 IM1.25	MITRAL STENOSIS MITRAL REGURGITATION AORTIC STENOSIS AORTIC REGURGITATION	Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation	Dr Rama Mishra
05/09/2025 (Friday)	Medicine IM5.8	CHOLECYSTITIS AND CHOLELITHIASIS	Describe and discuss the pathophysiology, clinical evolution and complications cholelithiasis and cholecystitis	Dr Akshatha
10/09/2025 (Wednesday)	Medicine IM1.8	ATRIAL FIBRILLATION AND TACHYARRHYTHMIAS	Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation	Dr Rama Mishra
12/09/2025 (Friday)	Medicine IM 2.1, 2.2, 2.4, 2.9, 2.11	ANGINA, IHD	Discuss and describe the epidemiology, antecedents and risk factors for atherosclerosis and ischemic heart disease Discuss the aetiology of risk factors both modifiable and non modifiable of atherosclerosis and IHD Discuss and describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD	Dr Akshatha

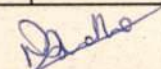
			Distinguish and differentiate between stable and unstable angina and AMI based on the clinical	
17/09/2025 (Wednesday)	Medicine IM1.8	BRADYARRYT HMIAS	Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation	Dr Rama Mishra
19/09/2025 (Friday)	Medicine IM 2.5, 2.14, 2.15, 2.16	ACUTE CORONARY SYNDROME	Define the various acute coronary syndromes and describe their evolution, natural history and outcomes Discuss and describe the indications for admission to a coronary care unit and supportive therapy for a patient with acute coronary syndrome Discuss and describe the medications used in patients with an acute coronary syndrome based on the clinical presentation Discuss and describe the indications for acute thrombolysis, PTCA and CABG	Dr Akshatha
24/09/2025 (Wednesday)	Medicine IM1.1	CARDIOMYOP ATHIES	Describe and discuss the epidemiology, pathogenesis clinical evolution and course of common causes of heart disease including: rheumatic/ valvular, ischemic, hypertrophic inflammatory	Dr Rama Mishra
26/09/2025 (Friday)	Medicine IM 2.23	MANAGEMENT OF ACUTE CORONARY SYNDROME	Describe and discuss the indications for nitrates, anti platelet agents, gpIIb IIIa inhibitors, beta blockers, ACE inhibitors etc in the management of coronary syndromes	Dr Akshatha

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(Monday)	2.11, 2.12, 2.13	and interpret an ECG IM2.11 Order and interpret a Chest X-ray and markers of acute myocardial infarction IM2.12 Choose and interpret a lipid profile and identify the desirable lipid S profile in the clinical context IM2.13 Discuss and enumerate the indications for and findings on K echocardiogram, stress testing and coronary angiogram	ECG 2.10.2 Discuss the various ECG findings in MI 2.11.1 Discuss the X ray changes in pulmonary edema 2.22.2 Interpretation of various cardiac findings in chest ray- atrial, ventricular enlargement, congenital heart disease changes 2.12.1 Interpretation of various parametrrs of lipid profile and its clinical significance 2.13.1Discuss and enumerate the indications and findings of IHD in echocardiogram 2.13.2 Discuss and enumerate the indications and findings of IHD in stress testing 2.13.3 Discuss and enumerate the indications and findings of IHD in coronary angiogram		Maheshwari Dr Sumana
22/09/2025 (Monday)	Medicine IM 2.14, 2.15, 2.16, 2.17	IM2.14 Discuss and describe the indications for admission to a coronary care unit and supportive therapy for a patient with acute coronary syndrome IM2.15 Discuss and describe the medications used in patients with an acute coronary syndrome based on the clinical presentation IM2.16 Discuss and describe the indications for acute thrombolysis,	2.14.1 Discuss and describe the indications for admission to a coronary care unit 2.14.2 Discuss the supportive therapy for a patient with acute coronary syndrome - pain management. oxygen therapy 2.15.1 Discuss and describe the medications used in patients with an acute coronary syndrome based on the clinical presentation- antiplatelets, anticoagulant, statins 2.16.1 Discuss and describe	SGD	Dr Divya Dr Dhruv

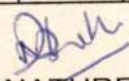
		PTCA and CABG IM2.17 Discuss and describe the indications and methods of cardiac rehabilitation	the indications for acute thrombolysis, 2.16.2 Discuss and describe the indications for PTCA 2.16.3 Discuss and describe the indications for CABG 2.17.1 Discuss and describe the indications and methods of cardiac rehabilitation		
29/09/2025 (Monday)	Medicine IM 1.13, 1.28	IM1.13 Measure the blood pressure accurately, recognise and discuss alterations in blood pressure in pericardial effusion and cardiac tamponade IM1.28 Enumerate the causes of adult presentations of congenital heart disease and describe the distinguishing features between cyanotic and acyanotic heart disease	IM1.13.1 Describe and discuss the etiology, pathogenesis, clinical features and management of pericardial effusion IM1.13.2 Describe and discuss the etiology, pathogenesis, clinical features and management of cardiac tamponade IM1.13.3 Discuss JVP changes in pericardial effusion and cardiac tamponade IM1.28.1 Define congenital heart disease. IM1.28.2 List different congenital heart diseases. IM1.28.3 Discuss important adult congenital heart disease.- ASD,VSD, PDA,TOF IM1.28.4 Differentiate between cyanotic and acyanotic heart disease	SGD	Dr Ravi Kiran Dr Sagar

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