

Department of General Medicine (VIMS & RC)

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

OCTOBER 2025 (Mondays 12.15 PM to 1.15 PM Theory)

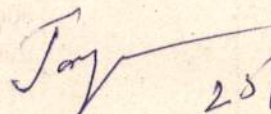
Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
06/10/25	IM 4.7	Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Etiopathogenesis of sepsis Clinical features and Diagnosis of sepsis Management of sepsis : antibiotics, vasopressors, mechanical ventilation	Dr. Deepak
13/10/25	IM 4.8, 4.16	Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease	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 aspiration and biopsy	Dr. Deepak

27/10/25	6.16,6.12,6.17 ,6.18,6.13	Diagnosis and manageme nt of HIV AIDS , and opportunis tic infections	1.Enumerate the indications and describe the findings for CT , MRI, ABG,CXR 2. Describe and enumerate the indications and side effects of drugs for bacterial, viral and other types of diarrhea 3. Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions 4.Discuss and describe the principles and regimens used in post exposure prophylaxis 5.Enumerate the indications and discuss prophylactic drugs used to prevent HIV related opportunistic infections	Dr. Deepak
----------	------------------------------	---	---	------------

Copy to:

Hon'ble Principal,

Notice board, Dept file

for  25/10/25

99009 HEAD OF DEPARTMENT
OF GENERAL MEDICINE
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences
Vydeha Institute of Medical Sciences

Department of General Medicine

VIMS & RC

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

October - 2025

Days: Wednesdays and Fridays

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency Number	Topic	SLO	Teaching Faculty
03/10/2025 (Friday)	Medicine IM 8.1, 8.2, 8.3, 8.4, 8.5, 8.8, 8.12, 8.15, 8.16	PRIMARY HYPERTENSION	Describe and discuss the epidemiology, aetiology and the prevalence of primary and secondary hypertension Describe and discuss the pathophysiology of hypertension Describe and discuss the genetic basis of hypertension Define and classify hypertension Describe and discuss the differences between primary and secondary hypertension Describe, discuss and identify target organ damage due to hypertension Describe the appropriate diagnostic work up based on the presumed aetiology Recognise, prioritise and manage hypertensive emergencies Develop and communicate to the patient lifestyle modification including weight reduction, moderation of alcohol intake, physical activity and sodium intake	Dr Tanuja
08/10/2025 (Wednesday)	Medicine IM2.3, IM2.18	LIPID CYCLE	Discuss and describe the lipid cycle and the role of dyslipidemia in the pathogenesis of atherosclerosis Discuss and describe the indications, formulations, doses,	Dr Jayashankar

HEAD OF DEPARTMENT
OF GENERAL MEDICINE
Vydehi Institute of Medical Sciences
& Research Centre
Nallurahalli, EPIP Area,
Whitefield, Bangalore - 560066

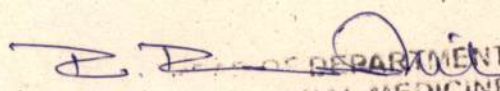
			side effects and monitoring for drugs used in the management of dyslipidemia	
10/10/2025 (Friday)	Medicine IM 8.1, 8.2, 8.3, 8.4, 8.5, 8.8, 8.12, 8.15, 8.16	SECONDARY HYPERTENSION	Describe and discuss the epidemiology, aetiology and the prevalence of primary and secondary hypertension Describe and discuss the pathophysiology of hypertension Describe and discuss the genetic basis of hypertension Define and classify hypertension Describe and discuss the differences between primary and secondary hypertension Describe, discuss and identify target organ damage due to hypertension Describe the appropriate diagnostic work up based on the presumed aetiology Recognise, prioritise and manage hypertensive emergencies Develop and communicate to the patient lifestyle modification including weight reduction, moderation of alcohol intake, physical activity and sodium intake	Dr Tanuja
15/10/2025 (Wednesday)	Medicine IM3.17	OXYGEN THERAPY	Describe and discuss the supportive therapy in patients with pneumonia including oxygen use and indications for ventilation	Dr Jayashankar
17/10/2025 (Friday)	Medicine IM8.6	HYPERTENSIVE URGENCY	Define, describe and discuss and recognise hypertensive urgency and emergency	Dr Tanuja
22/10/2025 (Wednesday)	Medicine IM 3.1, 3.2, 3.3	PNEUMONIA	Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia Discuss and describe the aetiologies of various kinds of pneumonia and their microbiology depending on the setting and	Dr Jayashankar

			immune status of the host Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia	
24/10/2025 (Friday)	Medicine IM 22.5, 22.6	HYPONATRE MIA HYPERNATRE MIA	Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with hyponatremia Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyponatremia	Dr Tanuja

Copy to:

Hon'ble Principal,

Notice board, Dept file


DEPARTMENT
GENERAL MEDICINE
Vysya Institute of Medical Sciences
S. Research Centre
Nallurahalli, EPIP Area,
Whitefield, Bangalore -560066

Department of General Medicine

VIMS & RC

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

October - 2025

Days: Mondays and Saturdays

Timings: 2 PM to 4 PM (SGD)

Date	Competency Number	Topic	Specific Learning Objectives	TL Methods	Teaching Faculty
04/10/2025 (Saturday)	Medicine IM 18.8, IM 15.12	IM18.8 Describe and distinguish, based on the clinical presentation, the types of bladder dysfunction seen in CNS disease	18.8.1. Describe autonomic nerve supply of bladder. 18.8.2. Describe somatic nerve supply of the bladder. 18.8.3. Define spastic bladder. 18.8.4. Define neurogenic bladder. 18.8.5. Define hypotonic bladder. 18.8.6. Define motor paralytic bladder 18.8.7. Define sensory paralytic bladder 18.8.8. Distinguish between various types of bladder dysfunction based on site of lesion. 18.8.9. Describe the various bladder dysfunction in CNS disorders.	SGD	Dr Bhavya
06/10/2025 (Monday)	Medicine IM 8.6, 8.12, 8.13	IM8.6 Define, describe and discuss and recognize hypertensive urgency and emergency	IM8.6.1. Define hypertensive urgency and emergency IM8.6.2. Enumerate the difference between	SGD	Dr Harshavardhan Dr Adithya

HEAD OF DEPARTMENT
OF GENERAL MEDICINE
Vydehi Institute of Medical Sciences
& Research Centre
Narurhalli, EPIP Area,
Whitefield, Bangalore - 560 075

		IM8.12 Describe the appropriate diagnostic work up based on the presumed aetiology i.e primary and secondary hypertension IM8.13 Enumerate the indications for and interpret the results of : CBC, Urine routine, BUN, Cr, Electrolytes, Uric acid, ECG in hypertensive work up	hypertensive urgency and emergency IM8.6.3. Discuss the target organ damage in hypertensive urgency and emergency IM8.6.4. Evaluation of case hypertensive urgency and emergency IM8.12.1. Describe the appropriate diagnostic work up for primary IM8.12.2. Describe the appropriate diagnostic work up for secondary hypertension IM8.13.1. Describe and discuss hypertensive end organ damage work up Eg- retinopathy, nephropathy and cardiac work up		
13/10/2025 (Monday)	Medicine IM 8.14, 8.15, 8.18, 8.20	IM8.14 Develop an appropriate treatment plan for essential hypertension IM8.15 Recognise, prioritise and manage hypertensive emergencies IM8.18 Incorporate patient preferences in the management of HTN IM8.20 Determine the need for specialist consultation	IM8.14.1. Develop an appropriate treatment plan for essential hypertension without other co morbidities (case scenario based) IM8.14.2. Develop an appropriate treatment plan for essential hypertension without various co morbidities (case scenario based) IM8.15.1. Recognize, prioritize and manage hypertensive Encephalopathy, flash pulmonary edema, malignant hypertension. etc IM8.15.2. enumerate the drugs used in hypertensive emergencies, route of administration, dosage in various clinical scenarios.	SGD	Dr Sarika Dr Sathish


 HEAD OF DEPARTMENT
 OF GENERAL MEDICINE
 Vydehi Institute of Medical Sciences
 Research Centre
 Chhalli, EPIP Area,
 Bangalore - 560065

			IM8.18.1. Incorporate patient preferences in the management of HTN - case scenarios IM8.20.1. Determine the need for neurologist in hypertensive encephalopathy IM8.20.2. Determine the need for dialysis in acute renal failure, flash pulmonary edema etc		
25/10/2025 (Saturday)	IMedicine IM 3.1, 3.12, 3.13	IM3.11 Describe and enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialised testing in pneumonia IM3.12 Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum IM3.13 Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum.	3.11.1 Describe and enumerate the indications for chest xray and HRCT in pneumonia - discuss pneumonia findings 3.11.2 Enumerate the indications PCR and viral cultures in pneumonia 3.12.1 Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial guidelines based on the pharmacology and antimicrobial spectrum - typical and atypical organisms IM3.13.1 Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum.	SGD	Dr Sandhya

Copy to:

Hon'ble Principal,

Notice board, Dept file


 HEAD OF DEPARTMENT
 OF GENERAL MEDICINE
 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

OCTOBER 2025 (2 TO 4 PM SGD)

Date	Competency Number	Topic	Specific learning objectives	TI method	Teaching faculty
6/10/25	IM 4.8, 4.16, 4.9, 4.10	Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease History and examination in fever case	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 aspiration and biopsy evolution and pattern of fever associated symptoms immune status, comorbidities, risk factors, exposure Perform physical examination in a case of fever including skin mucosae, lymph node examination, chest, liver, spleen	SGD	Dr. Sumana Dr. sara

13/10/25	IM 4.9, 4.10, 4.11, 4.21, 4.24, 4.25	Generate a differential diagnosis and prioritize based on clinical features that help distinguish between infective, inflammatory, malignant and rheumatologic causes	List differentials for PUO after history and examination Develop and present an appropriate diagnostic plan based on the clinical presentation, most likely diagnosis in a prioritized and cost-effective manner Develop an appropriate empiric treatment plan based on the patient's clinical and immune status pending definitive diagnosis	SGD	Dr. Madhuri Dr. sravani
27/10/25	IM 4.12, 4.18, 6.19, 6.20, 6.21, 6.22, 6.23	Order and interpret the following diagnostic tests based on the differential diagnosis Counsel patients at diagnosis of HIV, and prevention of HIV transmission	CBC with differential, peripheral smear, urinary analysis with sediment, Chest X ray, blood and urine cultures, sputum gram stain and cultures, sputum AFB and cultures, CSF analysis, pleural and body fluid analysis, stool routine and culture and QBC Enumerate the indications for use of imaging in the diagnosis of febrile syndromes Communicate diagnosis, treatment plan and subsequent follow up plan to patients Communicate with patients on the importance of medication adherence Demonstrate understanding of ethical and legal issues regarding	SGD	Dr. Divya Dr. Vignesh

			patient confidentiality and disclosure in patients with HIV Demonstrate a non-judgmental attitude to patients with HIV and to their lifestyles		
--	--	--	--	--	--

Copy to:

Hon'ble Principal,

Notice board, Dept File

Jay
26/5/15

HEAD OF DEPARTMENT
OF GENERAL MEDICINE
Vijaya Institute of Medical Sciences
& Research Centre
Nallurahalli, EPIP Area.
Whitefield, Bangalore -560066