

MUZAFFARNAGAR MEDICAL COLLEGE									
MONTHLY TEACHING SCHEDULE									
MONTH: November 2024									
NAME OF THE DEPARTMENT: General Medicine									
S.NO	NAME OF FACULTY	DESIGNATION	BATCH	DATE	DAY	TIMING	PRACTICAL TOPIC	DEMONSTRATION TOPIC	LECTURE TOPIC
1	Amit Bhadauria	Assistant Professor	2020	04.11.2024	Monday	02:00 PM to 03:00 PM	-	(Nutritional and Vitamin Deficiencies) IM 23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients Vertical Integration with Physiology & Biochemistry Horizontal Integration with Paediatrics IM 23.5 Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet	-
2	Dr. Subodh Prakash	Professor	2020	05.11.2024	Tuesday	03:00 PM to 04:00 PM	-	(Obesity) IM 14.1 Define and measure obesity as it relates to the Indian population IM 14.2 Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes Vertical Integration with Pathology	-
3	Dr. T. V. S. Arya	Professor	2020	06.11.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	(HIV) IM 6.11 Enumerate the indications and describe the findings for CT of the chest and brain and MRI Vertical Integration with Radiodiagnosis IM 6.12 Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph

4	Dr. Swatantra	Assistant Professor	2020	07.11.2024	Thursday	08:00 AM to 09:00 AM	-	-	(Liver Disease) IM 5.15 Assist in the performance and interpret the findings of an ascitic fluid analysis IM 5.16 Describe and discuss the management of hepatitis, cirrhosis, portal hypertension, ascites spontaneous, bacterial peritonitis and hepatic encephalopathy. Vertical Integration with Pharmacology Horizontal Integration with General Surgery
5	Dr. Swatantra	Assistant Professor	2020	09.11.2024	Saturday	08:00 AM to 09:00 AM	-	-	SDL (HIV) IM 6.4 Describe and discuss the pathogenesis, evolution and clinical features of common HIV related opportunistic infections Vertical Integration with Microbiology IM 6.5 Describe and discuss the pathogenesis, evolution and clinical features of common HIV related malignancies Vertical Integration with Pathology & Microbiology IM 6.6 Describe and discuss the pathogenesis, evolution and clinical features of common HIV related skin and oral lesions Vertical Integration with Pathology & Microbiology
6	Dr. Naina Pal	Assistant Professor	2020	09.11.2024	Saturday	12:00 Noon to 01:00 PM	-	-	(Heart Failure) IM 1.13 Measure the blood pressure accurately, recognise and discuss alterations in blood pressure in valvular heart disease and other causes of heart failure and cardiac tamponade. IM 1.14 Demonstrate and measure jugular venous distension
7	Dr. Amit Bhadauria	Assistant Professor	2020	11.11.2024	Monday	02:00 PM to 03:00 PM	-	-	(Nutritional and Vitamin Deficiencies) IM 23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients Vertical Integration with Physiology & Biochemistry IM 23.5 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyponatremia Horizontal Integration with Pediatrics

8	Dr. Subodh Prakash	Professor	2020	12.11.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Obesity) IM 14.1 Define and measure obesity as it relates to the Indian population</p> <p>IM 14.2 Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes</p> <p>Vertical Integration with Pathology</p>	-
9	Dr. T. V. S. Arya	Professor	2020	13.11.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>(HIV) IM 6.11 Enumerate the indications and describe the findings for CT of the chest and brain and MRI</p> <p>Vertical Integration with Radiodiagnosis</p> <p>IM 6.12 Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph</p>
10	Dr. Mohsin Ali	Associate Professor	2020	14.11.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>(Diarrheal disorder) IM 16.1 Describe and discuss the aetiology of acute and chronic diarrhea including infectious and non-infectious causes</p> <p>Vertical Integration with Microbiology</p> <p>IM 16.2 Describe and discuss the acute systemic consequences of diarrhea including its impact on fluid balance</p> <p>IM 16.3 Describe and discuss the chronic effects of diarrhea including malabsorption</p>
11	Dr. Naina Pal	Assistant Professor	2020	16.11.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure) IM 1.15 Identify and describe the timing, pitch quality conduction and significance of precordial murmurs and their variations.</p> <p>IM 1.16 Generate a differential diagnosis based on the clinical presentation and prioritise it based on the most likely diagnosis</p>

12	Dr. Swatantra	Assistant Professor	2020	09.11.2024	Saturday	02:00 PM to 03:00 PM	-	-	<p>ATCOM (Rheumatologic problems) IM 7.24</p> <p>Communicate and incorporate patient preferences in the choice of therapy IM 7.25</p> <p>Develop and communicate appropriate follow up and monitoring plans for patients with rheumatologic conditions IM 7.26</p> <p>Demonstrate an understanding of the impact of rheumatologic conditions on quality of life, wellbeing, work and family</p>
13	Dr. Amit Bhadauria	Assistant Professor	2020	18.11.2024	Monday	02:00 PM to 03:00 PM	-	<p>(Geriatrics) IM 24.1</p> <p>Describe and discuss the epidemiology, pathogenesis, clinical evolution, presentation and course of common diseases in the elderly IM 24.2</p> <p>Perform multidimensional geriatric assessment that includes medical, psycho-social and functional components Vertical Integration with Psychiatry IM 24.3</p> <p>Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of acute confusional states IM 24.4</p> <p>Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of vascular events in the elderly</p>	-

14	Dr. Subodh Prakash	Professor	2020	19.11.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Obesity) IM 14.3 Describe and discuss the monogenic forms of obesity Vertical Integration with Pathology & Community Medicine</p> <p>IM 14.4 Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity Vertical Integration with Pathology</p>	-
15	Dr. T. V. S. Arya	Professor	2020	20.11.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>(HIV) IM 6.13 Describe and enumerate the indications and side effects of drugs for bacterial, viral and other types of diarrhea Vertical Integration with Pharmacology & Microbiology</p> <p>IM 6.14 Perform and interpret AFB sputum Vertical Integration with Microbiology</p>
16	Dr. Mohsin Ali	Associate Professor	2020	21.11.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>Diarrheal disorder) IM 16.4 Elicit and document and present an appropriate history that includes the natural history, dietary history, travel, sexual history and other concomitant illnesses Vertical Integration with Microbiology & Pathology</p> <p>IM 16.5 Perform, document and demonstrate a physical examination based on the history that includes general examination, including an appropriate abdominal examination</p> <p>IM 16.6 Distinguish between diarrhea and dysentery based on clinical features</p>
17	Dr. Naina Pal	Assistant Professor	2020	23.11.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure) IM 1.17 Order and interpret diagnostic testing based on the clinical diagnosis including 12 lead ECG, Chest radiograph, blood cultures</p> <p>IM 1.18 Perform and interpret a 12 lead ECG</p>

18	Dr. Swatantra	Assistant Professor	2020	23.11.2024	Saturday	02:00 PM to 03:00 PM	-	-	ATCOM (Miscellaneous Infections) IM 25.12 Communicate to the patient and family the diagnosis and treatment of identified infection
19	Dr. Amit Bhadauria	Assistant Professor	2020	25.11.2024	Monday	02:00 PM to 03:00 PM	-	(Geriatrics) IM 24.5 Describe and discuss the aetiopathogenesis clinical presentation identification, functional changes, acute care, stabilization, management and rehabilitation of depression in the elderly Horizontal Integration with Psychiatry IM 24.6 Describe and discuss the aetiopathogenesis causes, clinical presentation, difference in discussion presentation identification, functional changes, acute care, stabilization, management and rehabilitation of dementia in the elderly IM 24.7 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of personality changes in the elderly Horizontal Integration with Psychiatry IM 24.8 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of osteoporosis in the elderly	-

20	Dr. Subodh Prakash	Professor	2020	26.11.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Obesity) IM 14.5</p> <p>Describe and discuss the natural history of obesity and its complications Vertical Integration with pathology IM 14.6</p> <p>Elicit and document and present an appropriate history that includes the natural history, dietary history, modifiable risk factors, family history, clues for secondary causes and motivation to lose weight</p>	-
21	Dr. T. V. S. Arya	Professor	2020	27.11.2024	Wednesday	12:00 Noon to 01:00 PM	-	<p>(HIV) IM 6.15</p> <p>Demonstrate in a model the correct technique to perform a lumbar puncture Vertical Integration with Microbiology IM 6.16</p> <p>Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions. Vertical Integration with Microbiology & Pharmacology</p>	
22	Dr. Mohsin Ali	Associate Professor	2020	28.11.2024	Thursday	08:00 AM to 09:00 AM	-	<p>(Diarrheal disorder) IM 16.7</p> <p>Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritise based on the most likely diagnosis IM 16.8</p> <p>Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, and stool examination Vertical Integration with Pathology & Microbiology IM 16.9</p> <p>Identify common parasitic causes of diarrhea under the microscope in a stool specimen Vertical Integration with Microbiology</p>	

23	Dr. Naina Pal	Assistant Professor	2020	30.11.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure) IM 1.19 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 Vertical Integration with Radiodiagnosis IM 1.20 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</p>
24	Dr. Swatantra	Assistant Professor	2020	30.11.2024	Saturday	02:00 PM to 03:00 PM	-	-	<p>ATCOM (Miscellaneous Infections) IM 25.12 Communicate to the patient and family the diagnosis and treatment of identified infection</p>
25	Dr. T. V. S. Arya	Professor	2020	06.11.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>ATCOM (Common malignancies) IM 13.16 Demonstrate an understanding and needs and preferences of patients when choosing curative and palliative therapy</p>
26	Dr. Arun Kumar	Assistant Professor	2021	05.11.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>Acute Myocardial Infarction/ IHD) IM 2.19 Discuss and describe the pathogenesis, recognition and management of complications of acute coronary syndromes including arrhythmias, shock, LV dysfunction, papillary muscle rupture and pericarditis IM 2.20 Discuss and describe the assessment and relief of pain in acute coronary syndromes Vertical Integration with Pharmacology</p>
27	Dr. Vishnu Garg	Assistant Professor	2021	12.11.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infarction/ IHD) IM 2.23 Describe and discuss the indications for nitrates, anti-platelet agents, gpIIb IIIa inhibitors, beta blockers, ACE inhibitors etc in the management of coronary syndromes Vertical Integration with Pharmacology</p>
28	Dr. Arun Kumar	Assistant Professor	2021	19.11.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infarction/ IHD) IM 2.23 Describe and discuss the indications for nitrates, anti-platelet agents, gpIIb IIIa inhibitors, beta blockers, ACE inhibitors etc in the management of coronary syndromes Vertical Integration with Pharmacology</p>

29	Dr. Arun Kumar	Assistant Professor	2021	21.11.2024	Thursday	02:00 PM to 04:00 PM	-	<p>(HIV)</p> <p>IM 6.11</p> <p>Enumerate the indications and describe the findings for CT of the chest and brain and MRI</p> <p>Vertical Integration with Radiodiagnosis</p> <p>IM 6.12</p> <p>Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph</p>	-
30	Dr. Arun Kumar	Assistant Professor	2021	26.11.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Pneumonia)</p> <p>IM 3.1</p> <p>Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia</p> <p>Vertical Integration with Anatomy, Pathology & Microbiology</p> <p>IM 3.2</p> <p>Discuss and describe the aetiologies of various kinds of pneumonia and their microbiology depending on the setting and immune status of the host</p> <p>Vertical Integration with Microbiology</p> <p>IM 3.3</p> <p>Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia</p> <p>Vertical Integration with Pathology & Microbiology</p>
31	Dr. Arun Kumar	Assistant Professor	2021	03.12.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Pneumonia)</p> <p>IM 3.15</p> <p>Describe and enumerate the indications for hospitalisation in patients with pneumonia</p> <p>Vertical Integration with Pharmacology</p> <p>IM 3.16</p> <p>Describe and enumerate the indications for isolation and barrier nursing in patients with pneumonia</p> <p>IM 3.17</p> <p>Describe and discuss the supportive therapy in patients with pneumonia including oxygen use and indications for ventilation</p>