

MUZAFFARNAGAR MEDICAL COLLEGE									
MONTHLY TEACHING SCHEDULE									
MONTH: September 2024									
NAME OF THE DEPARTMENT: General Medicine									
S.NO	NAME OF FACULTY	DESIGNATION	BATCH	DATE	DAY	TIMING	PRACTICAL TOPIC	DEMONSTRATION TOPIC	LECTURE TOPIC
1	Dr. Bonitta Rachel Abraham	Assistant Professor	2020	02.09.2024	Monday	02:00 PM to 03:00 PM	-	(Poisoning) IM 21.1 Describe the initial approach to the stabilisation of the patient who presents with poisoning Vertical Integration with Pharmacology IM 21.2 Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification Vertical Integration with Pharmacology & Forensic Medicine	-
2	Dr. Subodh Prakash	Professor	2020	03.09.2024	Tuesday	03:00 PM to 04:00 PM	-	(Common Malignancies) IM 13.5 Describe the common issues encountered in patients at the end of life and principles of management IM 13.6 Describe and distinguish the difference between curative and palliative care in patients with cancer Vertical Integration with Pharmacology	-
3	Dr. T. V. S. Arya	Professor	2020	04.09.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	(Anemia) IM 9.15 Communicate the diagnosis and the treatment appropriately to patients IM 9.16 Incorporate patient preferences in the management of anemia
4	Dr. Mohsin Ali	Associate Professor	2020	05.09.2024	Thursday	08:00 AM to 09:00 AM	-	-	(Liver Disease) IM 5.3 Describe and discuss the pathologic changes in various forms of liver disease Vertical Integration with Pathology IM 5.4 Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis Vertical Integration with Pathology & Microbiology

5	Dr. Naina Pal	Assistant Professor	2020	07.09.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infraction & IHD) IM 2.23</p> <p>Describe and discuss the indications for nitrates, anti-platelet agents, gpIIb IIIa inhibitors, beta blockers, ACE inhibitors etc in the management of coronary syndromes</p> <p>Vertical Integration with Pharmacology IM 2.24</p> <p>Counsel and communicate to patients with empathy lifestyle changes in atherosclerosis / post coronary syndromes</p>
6	Dr. Bonitta Rachel Abraham	Assistant Professor	2020	09.09.2024	Monday	02:00 PM to 03:00 PM	-	-	<p>(Poisoning) IM 21.3</p> <p>Enumerate the common corrosives used in your area and describe their toxicology, clinical features, prognosis and approach to therapy</p> <p>Vertical Integration with Pharmacology & Forensic Medicine IM 21.4</p> <p>Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy</p> <p>Vertical Integration with Pharmacology & Forensic Medicine</p>
7	Dr. Subodh Prakash	Professor	2020	10.09.2024	Tuesday	03:00 PM to 04:00 PM	-	-	<p>(Common malignancies) IM 13.7</p> <p>Elicit document and present a history that will help establish the aetiology of cancer and includes the appropriate risk factors, duration and evolution</p> <p>Horizontal Integration with General Surgery IM 13.8</p> <p>Perform and demonstrate a physical examination that includes an appropriate general and local examination that excludes the diagnosis, extent spread and complications of cancer</p> <p>Horizontal Integration with General Surgery</p>

8	Dr. T. V. S. Arya	Professor	2020	11.09.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>(Anemia) IM 9.17 Describe the indications for blood transfusion and the appropriate use of blood components Vertical Integration with Pathology IM 9.18 Describe the precautions required necessary when performing a blood transfusion</p>
9	Dr. Mohsin Ali	Associate Professor	2020	12.09.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>(Liver Disease) IM 5.5 Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease Vertical Integration with Pathology IM 5.6 Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy Vertical Integration with Pathology</p>
10	Dr. Naina Pal	Assistant Professor	2020	14.09.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure) IM 1.1 Describe and discuss the epidemiology, pathogenesis clinical evolution and course of common causes of heart disease including: rheumatic/ valvular, ischemic, hypertrophic inflammatory Vertical Integration with Pathology & Physiology IM 1.2 Describe and discuss the genetic basis of some forms of heart failure Vertical Integration with Pathology & Physiology</p>
11	Dr. Swatantra	Assistant Professor	2020	14.09.2024	Saturday	02:00 PM to 03:00 PM	-	<p>ATCOM (HIV) IM 6.22 Demonstrate understanding of ethical and legal issues regarding patient confidentiality and disclosure in patients with HIV</p>	-

12	Dr. Subodh Prakash	Professor	2020	17.09.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Common Malignancies)</p> <p>IM 13.9</p> <p>Demonstrate in a mannequin the correct technique for performing breast exam, rectal examination and cervical examination and pap smear</p> <p>Vertical Integration with Anatomy</p> <p>Horizontal Integration with General Surgery</p> <p>IM 13.10</p> <p>Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritise based on the most likely diagnosis</p> <p>Horizontal Integration with General Surgery</p>	-
13	Dr. T. V. S. Arya	Professor	2020	18.09.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>(Anemia)</p> <p>IM 9.1</p> <p>Define, describe and classify anemia based on red blood cell size and reticulocyte count</p> <p>Vertical Integration with Pathology</p> <p>IM 9.2</p> <p>Describe and discuss the morphological characteristics, aetiology and prevalence of each of the causes of anemia</p> <p>Vertical Integration with Pathology</p>
14	Dr. Mohsin Ali	Associate Professor	2020	19.09.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>(Liver Disease)</p> <p>IM 5.7</p> <p>Enumerate and describe the causes and pathophysiology of drug induced liver injury</p> <p>Vertical Integration with Pathology & Pharmacology</p> <p>IM 5.8</p> <p>Describe and discuss the pathophysiology, clinical evolution and complications cholelithiasis and cholecystitis</p> <p>Vertical Integration with General Surgery</p>
15	Dr. Naina Pal	Assistant Professor	2020	21.09.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure)</p> <p>IM 1.3</p> <p>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</p> <p>Vertical Integration with Pathology, Physiology & Microbiology</p> <p>IM 1.4</p> <p>Stage heart failure</p> <p>Vertical Integration with Pathology & Physiology</p>

16	Dr. Swatantra	Assistant Professor	2020	21.09.2024	Saturday	02:00 PM to 03:00 PM	-	<p>ATCOM (HIV) IM 6.23</p> <p>Demonstrate a non-judgemental attitude to patients with HIV and to their lifestyles</p>	-
17	Dr. Amit Bhadauria	Assistant Professor	2020	23.09.2024	Monday	02:00 PM to 03:00 PM	-	<p>(Poisoning) IM 21.7</p> <p>Counsel family members of a patient with suspected poisoning about the clinical and medico legal aspects with empathy</p> <p>Vertical Integration with Forensic Medicine & Pharmacology IM 21.8</p> <p>Enumerate the indications for psychiatric consultation and describe the precautions to be taken in a patient with suspected suicidal ideation / gesture</p> <p>Vertical Integration with Psychiatry & Forensic Medicine</p>	-
18	Dr. Subodh Prakash	Professor	2020	24.09.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Common Malignancies) IM 13.11</p> <p>Order and interpret diagnostic testing based on the clinical diagnosis including CBC and stool occult blood and prostate specific antigen</p> <p>IM 13.12</p> <p>Describe the indications and interpret the results of Chest X Ray, mammogram, skin and tissue biopsies and tumor markers used in common cancers</p> <p>Vertical Integration with Radiodiagnosis</p>	-
19	Dr. T. V. S. Arya	Professor	2020	25.09.2024	Wednesday	12:00 Noon to 01:00 PM	-	-	<p>(HIV) IM 6.1</p> <p>Describe and discuss the symptoms and signs of acute HIV seroconversion</p> <p>Vertical Integration with Microbiology IM 6.2</p> <p>Define and classify HIV AIDS based on the CDC criteria</p> <p>Vertical Integration with Microbiology</p>

20	Dr. Mohsin Ali	Associate Professor	2020	26.09.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>(Liver Disease) IM 5.9</p> <p>Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history IM 5.10</p> <p>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</p>
21	Dr. Naina Pal	Assistant Professor	2020	28.09.2024	Saturday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infraction & IHD) IM 1.5</p> <p>Describe, discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure Vertical Integration with Pathology & Physiology IM 1.6</p> <p>Describe and discuss the compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal adaptations Vertical Integration with Pathology & Physiology</p>
22	Amit Bhadauria	Assistant Professor	2020	30.09.2024	Monday	02:00 PM to 03:00 PM	-	-	<p>(Mineral, Fluid Electrolyte and Acid base Disorder) IM 22.1</p> <p>Enumerate the causes of hypercalcemia and distinguish the features of PTH vs non PTH mediated hypercalcemia Vertical Integration with Pathology & Physiology IM 22.2</p> <p>Describe the aetiology, clinical manifestations, diagnosis and clinical approach to primary hyperparathyroidism Vertical Integration with Pathology IM 22.3</p> <p>Describe the approach to the management of hypercalcemia Vertical Integration with Pharmacology IM 22.4</p> <p>Enumerate the components and describe the genetic basis of the multiple endocrine neoplasia syndrome Vertical Integration with Pathology</p>

23	Dr. Subodh Prakash	Professor	2020	01.10.2024	Tuesday	03:00 PM to 04:00 PM	-	<p>(Common Malignancies) IM 13.13 Describe and assess pain and suffering objectively in a patient with cancer Vertical Integration with Pharmacology Horizontal Integration with General Surgery IM 13.14 Describe the indications for surgery, radiation and chemotherapy for common malignancies Vertical Integration with Pharmacology Horizontal Integration with General Surgery</p>	-
24	Dr. Mohsin Ali	Associate Professor	2020	03.10.2024	Thursday	08:00 AM to 09:00 AM	-	-	<p>(Liver Disease) IM 5.11 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology for the presenting symptom IM 5.12 Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology and ascitic fluid examination in patient with liver diseases. Vertical Integration with Pathology</p>
25	Dr. Naina Pal	Assistant Professor	2020	05.10.2024	Saturday	08:00 AM to 09:00 AM	-	-	<p>Acute Myocardial Infraction & IHD) IM 1.7 Enumerate, describe and discuss the factors that exacerbate heart, dietary factors drugs etc. Vertical Integration with Pathology & Physiology IM 1.8 Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation Vertical Integration with Pathology & Physiology</p>
26	Dr. Arun Kumar	Assistant Professor	2021	03.09.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Heart Failure) IM 1.25 Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation</p>
27	Dr. Arun Kumar	Assistant Professor	2021	10.09.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>RD 1.9 Describe the role of interventional Radiology in common clinical conditions. Horizontal Integration with General Medicine</p>

28	Dr. Arun Kumar	Assistant Professor	2021	12.09.2024	Thursday	02:00 PM to 04:00 PM	-	<p>(Liver Disease)</p> <p>IM 5.16</p> <p>Describe and discuss the management of hepatitis, cirrhosis, portal hypertension, ascites spontaneous, bacterial peritonitis and hepatic encephalopathy</p> <p>Vertical Integration with Pharmacology</p> <p>Horizontal Integration with General Surgery</p> <p>IM 5.17</p> <p>Enumerate the indications, precautions and counsel patients on vaccination for hepatitis</p> <p>Vertical Integration with Microbiology</p> <p>IM 5.18</p> <p>Enumerate the indications for hepatic transplantation</p> <p>Horizontal Integration with General Surgery</p>	-
29	Dr. Arun Kumar	Assistant Professor	2021	17.09.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infarction/ IHD)</p> <p>IM 2.1</p> <p>Discuss and describe the epidemiology, antecedents and risk factors for atherosclerosis and ischemic heart disease</p> <p>Vertical Integration with Pathology, Physiology & Community Medicine</p> <p>IM 2.2</p> <p>Discuss the aetiology of risk factors both modifiable and non-modifiable of atherosclerosis and IHD</p> <p>Vertical Integration with Pathology & Physiology</p> <p>IM 2.3</p> <p>Discuss and describe the lipid cycle and the role of dyslipidaemia in the pathogenesis of atherosclerosis</p> <p>Vertical Integration with Biochemistry & Physiology</p>

30	Dr. Swatantra	Assistant Professor	2021	19.09.2024	Thursday	08:00 AM to 09:00 AM	-	<p>(Obesity) SDL IM 14.7 Perform, document and demonstrate a physical examination based on the history that includes general examination, measurement of abdominal obesity, signs of secondary causes and comorbidities IM 14.8 Generate a differential diagnosis based on the presenting symptoms and clinical features and prioritise based on the most likely diagnosis IM 14.9 Order and interpret diagnostic tests based on the clinical diagnosis including blood glucose, lipids, thyroid function tests etc.</p>	-
31	Dr. Arun Kumar	Assistant Professor	2021	01.10.2024	Tuesday	12:00 Noon to 01:00 PM	-	-	<p>(Acute Myocardial Infarction/ IHD) IM 2.4 Discuss and describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD Vertical Integration with Pathology & Physiology IM 2.5 Define the various acute coronary syndromes and describe their evolution, natural history and outcomes Vertical Integration with Pathology</p>
32	Dr. Amit Bhadauria	Assistant Professor	2022	07.09.2024	Saturday	09:00 AM to 01:00 PM	-	-	<p>Horizontal Integration Pathology - PA – 28.13 Pharmacology – PH 1.36 (a)</p> <p>Vertical Integration Medicine IM – 11.1 Define and classify diabetes</p> <p>Community Medicine – CM – 8.2 Pharmacology PH – 5.1</p>
33	Dr. Vishnu Garg	Assistant Professor	2022	09.09.2024	Monday	08:00 AM to 09:00 AM	-	-	<p>(The role of the physician in the community) IM 26.22 Demonstrate ability to maintain confidentiality in patient care</p>
34	Dr. Vishnu Garg	Assistant Professor	2022	11.09.2024	Wednesday	08:00 AM to 09:00 AM	-	-	<p>(The role of the physician in the community) IM 26.23 Demonstrate a commitment to continued learning</p>

35	Dr. Amit Bhadauria	Assistant Professor	2022	14.09.2024	Saturday	09:00 AM to 01:00 PM	-	-	<p>Horizontal Integration Pharmacology – PH 1.47 (a) Microbiology – 2.5 Pathology – PA – 10.1</p> <p>Vertical Integration Medicine IM – 4.6 Discuss and describe the pathophysiology and manifestations of malaria</p>
36	Dr. Vishnu Gupta	Senior Resident	2022	18.09.2024	Wednesday	08:00 AM to 09:00 AM	-	-	<p>(The role of the physician in the community) IM 26.25 Demonstrate responsibility and work ethics while working in the health care team</p>
37	Dr. Vishnu Gupta	Senior Resident	2022	25.09.2024	Wednesday	08:00 AM to 09:00 AM	-	-	<p>(The role of the physician in the community) IM 26.26 Demonstrate ability to maintain required documentation in health care</p>