

Department of General Medicine

VINUS RC

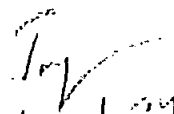
Teaching schedule of Theory classes for Phase III Part II (MIII) students 1934 batch

AUGUST 2023


Daya Eridhya/Wednesday

Time: 12.15 PM to 1.15 PM (Theory)


Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
01/08/2023	IM6.4	Describe and discuss the pathogenesis, evolution and clinical features of common HIV related opportunistic infections	<ol style="list-style-type: none"> 1. Enumerate the common HIV related opportunistic infections 2. Discuss the pathogenesis of opportunistic infection in HIV 3. Discuss the pathogenesis, evolution and clinical features of pulmonary TB in HIV 4. Discuss the pathogenesis, evolution and clinical features of extrapulmonary TB in HIV 5. Discuss the pathogenesis, evolution and 	Dr. Meenakshi Kalyan


 DR. MEENAKSHI KALYAN
 DEPARTMENT OF GENERAL MEDICINE
 VINUS COLLEGE OF MEDICAL SCIENCES


			clinical features of oropharyngeal candidiasis in HIV	
	IM6.5	Describe and discuss the pathogenesis, evolution and clinical features of common HIV related malignancies	<p>6. Discuss the pathogenesis, evolution and clinical features of pneumocystis carini jiroveci infection in HIV</p> <p>1. Enumerate the common HIV related malignancies</p> <p>2. Discuss the pathogenesis, evolution and clinical features of kaposi sarcoma</p> <p>3. Discuss the pathogenesis, evolution and clinical features of primary CNS lymphoma</p>	
	IM6.6	Describe and discuss the pathogenesis, evolution and clinical features of common HIV related skin and oral lesions	<p>1. Mention common oral lesions in patients with HIV infection</p>	


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			<ol style="list-style-type: none"> 2. Mention common dermatological lesions in patients with HIV infection 3. Discuss the pathogenesis of HIV related skin and oral lesions 4. Discuss the clinical features of HIV related skin and oral lesion 	
11/8/2023	IM6.10	Choose and interpret appropriate diagnostic tests to diagnose opportunistic infections including CBC, sputum examination and cultures, blood cultures, stool analysis, CSF analysis and Chest radiographs	<ol style="list-style-type: none"> 1. Discuss the diagnostic test used to diagnose opportunistic infection in HIV infection 2. Discuss the CBC, sputum analysis, chest radiograph used to diagnose respiratory infections in HIV 3. Discuss the CBC, CSF analysis used to diagnose CNS infection in HIV 	Dr Meevakshi kalyan


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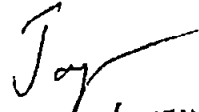
	IM6.11	Enumerate the indications and describe the findings for CT of the chest and brain and MRI	<ol style="list-style-type: none"> 1. Enumerate the indications for CT chest in HIV infection and describe its finding to look for pulmonary TB and 2. Enumerate the indications for CT abdomen in HIV infection and describe its finding 3. Enumerate the indications for CT brain or MRI brain in HIV infection and describe its finding 	
	IM6.12	Enumerate the indications for and interpret the results of: pulse oximetry, ABG, Chest Radiograph	<ol style="list-style-type: none"> 1. Enumerate the indications for pulse oximetry, ABG, chest radiograph in patients with HIV infection 2. Interpret results of pulse oximetry, ABG and chest radiograph 	


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18/8/2023	IM6.13	Describe and enumerate the indications and side effects of drugs for bacterial, viral and other types of diarrhoea	<ol style="list-style-type: none"> 1. Describe the drugs for bacterial diarrhoea and its side effect 2. Describe the drugs for viral diarrhoea and its side effect 	Dr Meenakshi Kalyan
	IM6.16	Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions	<ol style="list-style-type: none"> 1. Describe different classes of antiretroviral drugs 2. Discuss the mechanism of action of different classes of antiretroviral drugs 3. Discuss the adverse effects antiretroviral drugs 4. Discuss common drug interactions with antiretroviral drugs 	
	IM6.17	Discuss and describe the principles and regimens used in post exposure prophylaxis	<ol style="list-style-type: none"> 1. Indication of post exposure prophylaxis 2. Discuss the regimens used for post exposure 	

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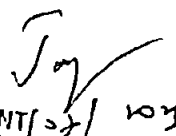
			prophylaxis	
			3. Duration of the regime	
	IM6.18	Enumerate the indications and discuss prophylactic drugs used to prevent HIV related opportunistic infections	<ol style="list-style-type: none"> 1. Indications for prophylaxis for opportunistic infection in HIV 2. Discuss the prophylaxis for PCP infection in HIV 3. Discuss the prophylaxis for toxoplasmosis in HIV 4. Discuss the prophylaxis for mycobacterium avium 5. complex infection in HIV 6. Discuss the prophylaxis for cryptococcosis in hiv 7. list of vaccination to be taken in HIV 	


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25/8/2023	IMS.1	Describe and discuss the physiologic and biochemical basis of hyperbilirubinemia	<ol style="list-style-type: none"> 1. Bilirubin metabolism 2. Physiological neonatal jaundice 3. Disorders of unconjugated hyperbilirubinemia Disorders of conjugated hyperbilirubinemia 	Dr Meenakshi Kalyan
	IMS.2	Describe and discuss the aetiology and pathophysiology of liver injury	<ol style="list-style-type: none"> 1. Aetiology of acute liver injury 2. Aetiology of chronic liver injury 3. Pathophysiology of viral hepatitis 4. Pathophysiology of alcoholic hepatitis Pathophysiology of drug induced hepatitis (acetaminophen) 	
	IMS.3	Describe and discuss the pathologic changes in various forms of liver disease	<ol style="list-style-type: none"> 1. Describe the pathological changes in acute and chronic viral hepatitis 2. Describe the 	


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			pathological changes in alcoholic liver disease	
30/8/2023	IM5.4	Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis	<ol style="list-style-type: none"> 1. Discuss the epidemiology, immunology and clinical evolution and treatment of viral hepatitis A 2. Discuss the epidemiology, immunology and clinical evolution and treatment of viral hepatitis B 3. Discuss the epidemiology, immunology and clinical evolution and treatment of viral hepatitis C 4. Discuss the epidemiology, immunology and clinical evolution and treatment of viral hepatitis D 5. Discuss the epidemiology, immunology and clinical evolution and treatment of viral hepatitis E 	Dr Meenakshi Kalyan


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	IM5.5	Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease	<ol style="list-style-type: none"> 1. Discuss the pathophysiology of alcohol liver disease 2. Clinical feature of alcoholic liver disease. 3. Management of alcoholic liver disease 4. Stages of alcoholic liver disease 	
	IM5.6	Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy	<ol style="list-style-type: none"> 1. Pathophysiology of cirrhosis of liver Clinical features of cirrhosis of liver 2. Complications of cirrhosis of liver disease 3. Discuss the pathophysiology, clinical features, and management of spontaneous bacterial peritonitis 4. Discuss the pathophysiology, 	

			clinical features, and management of hepatorenal syndrome 5. Discuss the pathophysiology, clinical features, and management of hepatic encephalopathy	
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 25/12/23
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Teaching schedule of theory classes for the 5th term MBBS students (RS3 batch)

AUGUST-2023

TIMINGS: 11: 15AM to 12: 15 PM.

DATE	DAY	TOPIC	TEACHING FACULTY
02/08/2023	WEDNESDAY	TRANSPLANT IN HAEMATOLOGY	DR. SATISH
09/08/2023	WEDNESDAY	PYREXIA OF UNKNOWN ORIGIN	DR. SHRAVANI
16/08/2023	WEDNESDAY	DENGUE FEVER	DR. SATISH
23/08/2023	WEDNESDAY	INFECTIVE DIARRHOEA	DR. SHRAVANI
30/08/2023	WEDNESDAY	ENTERIC FEVER	DR. SATISH

Prof & HOD

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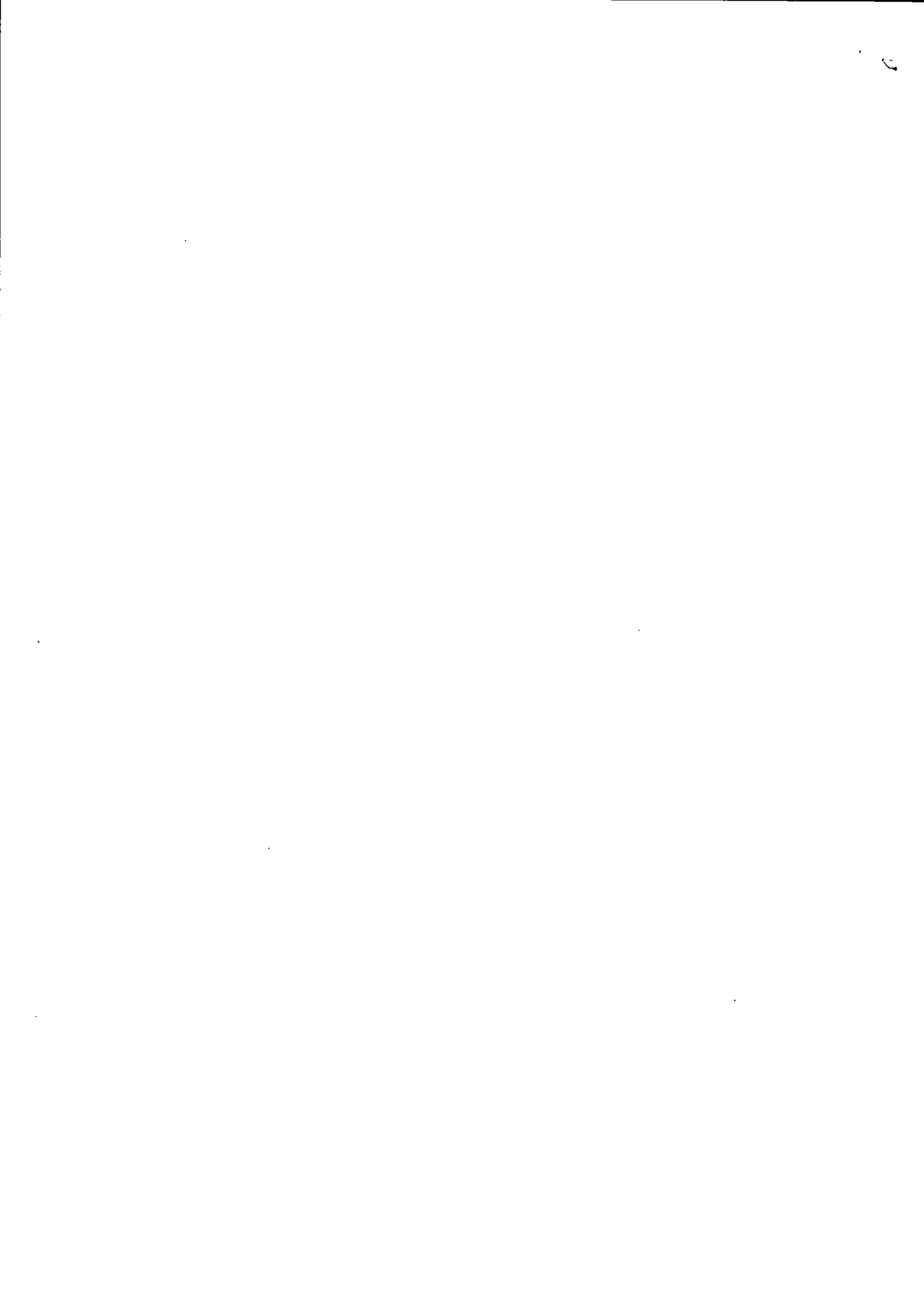
Teaching schedule of Theory classes for Phase III Part I MBBS students RSI batch

AUGUST 2023

Timings: 12.15 PM to 1.15 PM (Theory)

Date	Competency number	Topic	Specific Learning Objectives	Teaching faculty
07/8/2023	IM16.15 IM16.16 IM16.17	IBD	1. Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, and stool examination. 2. Enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy 3. Describe & Enumerate the indications for surgery in inflammatory bowel disease	Dr Deepak
14/8/2023	IM25.4	Leptospirosis	1. Epidemiology & Etiopathogenesis of leptospirosis 2. Clinical features of leptospirosis	DR Shwetha

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			3. Diagnosis and management of leptospirosis	
21/8/2023	IM25.5	Enteric fever	1. Epidemiology & Etiopathogenesis of enteric fever 2. Clinical features of enteric fever.	Dr Ameena
28/08/2023	IM25.5	Enteric fever	1. Diagnosis and management of enteric fever .	Dr Jithendra

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VIMS & RC

Teaching schedule of Small group discussion for Phase III Part II MBBS students RSI
batch (CBME)

AUGUST

Timings: 2. PM to 4 PM (Small group discussion)

Date	Competency number	Topic	Specific Learning Objectives	TL methods	Teaching faculty
4/8/2023	IM1.17,PHI .25	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as Antiarrhythmics.	ANTI-ARRHYTHMIC		Dr Meenakshi kalyan
	IMS.4,CM3.3	Describe the aetiology and basis of water borne diseases/jaundice/hepatitis/ diarrheal diseases	WATER BORNE DISEASE, DIARRHOEAL DISEASES		Dr Aditya
7/08/2023	IM21.1,FM 8.6	Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India.	POISONING		Dr Akshay


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	IM21.3, FM 9.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids Organic- Carbollic Acid (phenol), Oxalic and acetylsalicylic acids .	POISONING		DR Satish
14/08/20 23	IM21.1, FM 8.6	Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India.	POISONING		Dr Tanuja
	IM21.3, FM 9.3	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard	POISONING		Dr Chaitr


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		to Arsenic, lead, mercury, copper, iron, cadmium and thallium			
19/8/2023	IM21.1, FM9.5	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide	POISONING		Dr Jayashani
	IM21.4, FM 10.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard	POISONING		Dr Mary


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		to; Antipyretics - Paracetamol, Salicylates Anti-Infectives (Common antibiotics - an overview) Neuro-psycho - toxicology Barbiturates, benzodiazepines, phenytoin, lithium, haloperidol, neuroleptics, tricyclics Narcotic Analgesics, Anaesthetics, and Muscle Relaxants Cardiovascular Toxicology Cardiotoxic plants - oleander, odollam, aconite, digitalis Gastro-Intestinal and Endocrinal Drugs - Insulin			
21/8/2023	IMS.13	Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver	1.Role of ultrasound to access the hepatobiliary system 2. Role of MRCP in cholelithiasis 3.Role of ERCP in cholelithiasis and obstruction of biliary tree		Dr Rama Mishra Dr Shweta


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	IMS.14	Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and	1. approach conjugated and unconjugated hyperbilirubinemia 2. role of viral markers in liver disease	
25/8/2023	IMS.17	Enumerate the indications, precautions and counsel patients on vaccination for hepatitis	1. Indications and for hepatitis a and B vaccine. 2. pre and post exposure prophylaxis for health care workers	Dr Jithen
	IMS.18	Enumerate the indications for hepatic transplantation	1. Management for end stage liver diseases MELD SCORE 2. Indications for hepatic transplantation	Dr Sravan
28/8/2023	IMS.10	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	1 Signs of ascites 2. west heaven grading for hepatic encephalopathy 3. Signs of portal hypertension	Dr Deepak


 15/11/23
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	IM21.4, FM 12.1	Describe features and management of abuse/poisoning with following chemicals: Tobacco, cannabis, amphetamines, cocaine, hallucinogens, designer drugs & solvent	SUBSTANCE ABUSE		Dr Sarika
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