

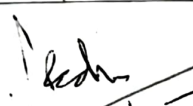
**Department of Medicine
HBTMC and RNCH**

3rd/4th Semester MUHS Medicine Lectures- Batch 2024

1st, 2nd, 3rd Saturday: 9am – 10 am

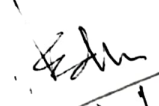
Venue: LT4 (3rd floor)

Sr. No.	Date	Topic	Subtopics	Faculty Name
1	08/11/25	Fever & Febrile Syndromes	Introduction to Fever, Pathophysiology, Causes- Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile Response, Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel, Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus), inflammatory causes of fever, malignant causes of fever including hematologic and lymph node malignancies	Dr. Anuj Tiwari
2	15/11/25		Introduction to Medicine	Dr. Neelam Redkar
3	29/11/25	Fever & Febrile Syndromes	Malaria - Discuss and describe the pathophysiology and manifestations of malaria, interpret a malarial smear, Describe and discuss the pharmacology, indications, adverse reactions, interactions of antimalarial drugs and basis of resistance, malarial prevention	Dr. Sheela Pandey
4	06/12/25	Fever & Febrile Syndromes	Sepsis Syndrome - Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Dr. Kushal Mehta
5	13/12/25	Fever & Febrile Syndromes	FUO- 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, 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, Enumerate the indications for use of imaging in the diagnosis of febrile syndromes.	Dr. Priyanka Thakur
6	20/12/25	Infections	Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases, pathophysiology and manifestations, appropriate diagnostic plan, newer techniques in the diagnosis, empiric treatment plan of - Leptospirosis & Dengue	Dr Dyuti Mittal
7	03/01/26	Infections	Scrub Typhus, Typhoid	Dr Suraj Patil
8	10/01/26	Infections	Acute encephalitis syndromes including JE	Dr Gaurav Chuadhary
9	17/01/26	Infections	Rabies & Tetanus	Dr Sonali Bhat


DR. NEELAM N. REDKAR
 M. D. (GEN. MEDICINE)

10	31/01/26	HIV	Describe and discuss the symptoms and signs of acute HIV Seroconversion, Define and classify HIV AIDS based on the CDC criteria, Describe and discuss the relationship between CDC count and the risk of opportunistic infections	Dr. Anuj Tiwari
11	07/02/26	HIV	Describe and discuss the pathogenesis, evolution and clinical features of common HIV related opportunistic infections, malignancies, skin and oral lesions , Choose and interpret appropriate diagnostic tests to diagnose and classify the severity of HIV-AIDS including specific tests of HIV, CDC	Dr. Rahul Ravte
12	14/02/26	HIV	Discuss and describe the principles of HAART , the classes of antiretrovirals used, adverse reactions and interactions, Discuss and describe the principles and regimens used in post exposure prophylaxis, Enumerate the indications and discuss prophylactic drugs used to prevent HIV related opportunistic infections	Dr. Suyog Murade
13	21/02/26	Diarrheal Diseases	Describe and discuss the aetiology of acute and chronic diarrhea including infectious and noninfectious causes, Distinguish between diarrhea and dysentery based on clinical features, Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic, bacterial and viral causes of diarrhea	Dr. Kaustubh
14	07/03/26	Diarrheal Diseases	Diagnosis of acute diarrhea (Stool culture & Blood culture); Diagnosis of chronic diarrhea (Antibodies, colonoscopy, imaging & biopsy)	Dr. Sneha Meher
15	14/03/26	Diarrheal Diseases	Describe and discuss the acute systemic consequences of diarrhea including its impact on fluid balance, Describe and discuss the chronic effects of diarrhea including malabsorption	Dr. Arundhati
16	04/04/26	Diarrheal Diseases	Distinguish based on the clinical presentation Crohn's disease from Ulcerative Colitis , Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy, the indications for surgery in inflammatory bowel disease	Dr. Nishi Shah
17	11/04/26	Pneumonia	Discuss and describe the etiologies of various kinds of pneumonia and their microbiology depending on the setting and immune status of the host, Discuss and describe the pathogenesis, presentation, natural history and complications of pneumonia	Dr. Suraj Patil
18	18/04/26	Pneumonia	Define, discuss, describe and distinguish community acquired pneumonia, nosocomial pneumonia and aspiration pneumonia	Dr. Divit Shah
19	02/05/26	Pneumonia	Describe and enumerate the indications for hospitalization in patients with pneumonia, Describe and enumerate the indications for isolation and barrier nursing in patients with pneumonia Describe and discuss the supportive therapy in patients with pneumonia including oxygen use and indications for ventilation, Discuss, describe, enumerate the indications and communicate to patients on pneumococcal and influenza vaccines.	Dr. Priyanka Thakur

20	09/05/26	Envenomation	Enumerate the local poisonous snakes and describe the distinguishing marks of each, Describe the initial approach to the stabilization of the patient who presents with snake bite , Enumerate the indications and describe the pharmacology, dose, adverse reactions, hypersensitivity reactions of anti snake venom .	Dr. Sonali Bhat
21	16/05/26	Poisoning	Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy	Dr Yash Shah
22	06/06/26	Poisoning	Describe the initial approach to the stabilization of the patient who presents with poisoning, Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification, common corrosives poisoning .	Dr Rahul Ravte
23	13/06/26	Envenomation	Describe the diagnosis, initial approach stabilization and therapy of scorpion envenomation and bee sting allergy	Dr Ujwala Valvi
24	20/06/26	Nutrition & Vitamin Deficiencies	Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses. Enumerate the indications for enteral and parenteral nutrition in critically ill patients. Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital	Dr Arundhati
25	04/07/26	Nutrition & Vitamin Deficiencies	Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Dr.Suyog Murade


 29/12/2025
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