

LECTURE TOPICS: TUBERCULOSIS

- 3.1: History and Epidemiology
- 3.2: Pathogenesis and pathology of TB
- 3.3: Clinical features and diagnosis of TB
- 3.4: Anti-tubercular drugs and Basics of Chemotherapy
- 3.5: Managing treatment failure
- 3.6: RNTCP & DOTS – Modular training
- 3.7: HIV and Tuberculosis
- 3.8: Prevention of Tuberculosis (Including chemo prophylaxis and BCG)
- 3.9: Extra-pulmonary TB- Part 1 (TB-GIT, TB-GUT)
- 3.10: Extra-pulmonary TB- Part 2 (TB-CNS, TB-spine)
- 3.11: Extra-pulmonary TB- Part 3 (TB-LN, TB- heart and others)
- 3.12: MDR and XDR TB
- 3.13: Role of surgery in TB

LECTURE TOPICS: RESPIRATORY SYSTEM

- 4.1: Applied anatomy and physiology of RS
- 4.2: Pneumonia
- 4.3: Suppurative lung diseases (Bronchiectasis, Lung abscess)
- 4.4: Pleural Effusion
- 4.5: Bronchial Asthma
- 4.6: COPD
- 4.7: Occupational lung diseases
- 4.8: Mediastinal disorders
- 4.9: Respiratory Emergencies (Haemoptysis, Pneumothorax)
- 4.10: Lung and pleural malignancies
- 4.11: Syn-pneumonic effusion and Empyema
- 4.12: Respiratory Failure
- 4.13: Intestinal Lung disease
- 4.14: Pulmonary Hypertension

LECTURE CUM DEMONSTRATIONS

- 5.1 Lung function testing and ABG analysis
- 5.2 Asthma and Inhalational devices
- 5.3 Sputum collection and examination
- 5.4 Pulmonary Rehabilitation
- 5.5 Interventional (Tapping, ICD, Bronchoscopy, Pleuroscopy)

- 5.6 Oxygen Therapy
- 5.7 RNTCP- Modular training Part I
- 5.8 RNTCP- Modular training Part II

**MAPPING OF PROGRAMME OUTCOMES [POs] AND
COURSEOUTCOMES [COs] OF MBBS
PROGRAMMES**

Course Code	Course Title
01010402	General Medicine & Allied
01010401	General Surgery & Allied
01010403	Obstetrics & Gynaecology
01010404	Paediatrics

General Medicine & allied: (MB401)		
CO No.	At the end of the course, the learners should be able to:	Mapped Programme Outcomes
CO 1	At the end of the course the student shall have adequate knowledge to diagnose common clinical conditions with special reference to infectious diseases, nutritional disorder, metabolic disorders and environmental disorders.	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 2	Propose diagnostic and investigative procedures and ability to interpret them	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO9
CO 3	Outline various modes of management including drug therapy especially doses, side effects, toxicity, indications, contraindications and interaction	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 4	Provide first level management of acute emergencies promptly and efficiently and decide on the timing and level of referral if required	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 5	Recognize geriatric disorders and their management	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 6	Apply clinical skills of history taking, clinical examination to diagnose common medical disorders and medical emergencies	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8
CO 7	Perform simple routine investigations like haemogram, stool, urine, sputum and other biological fluids	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 8	To interpret simple X-Ray, ECG, CT scan and laboratory report findings	PO1,PO2,PO4,PO5,PO6,PO7,PO9
CO 9	Assist common bedside medical procedures like pleural tap, lumbar puncture, bone marrow aspiration, catheterization, insertion of Ryle's tube etc.	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8,PO9
CO 10	sympathetic and compassionate attitude towards patient and their relatives	PO1,PO2,PO3,PO5,PO7
CO 11	A curiosity to learn about medical research	PO1,PO2,PO4, PO5,PO6,PO7,PO8,

General Medicine & allied: (MB401)		
CO No.	At the end of the course, the learners should be able to:	Mapped Programme Outcomes
		PO9
CO 12	To correctly record case files, medical certificates	PO1,PO2,PO3,PO5,PO7,PO9
CO 13	Diagnose and manage common respiratory illness	PO1,PO2,PO4,PO5,PO6,PO7,PO8,PO9
CO 14	Should be able to diagnose provisionally Psychiatric disorders	PO1,PO2,PO3,PO5,PO6,PO7,PO8,PO9
CO 15	Should be able to diagnose and manage common dermatology problems as physician of first contact	PO1,PO2,PO4,PO5,PO6,PO7,PO8,PO9

