

Master logbook lectures

Date	Title	Supervisor Signature
2nd part of master degree (3 semesters)		
Module (1)		
Diagnostic methods		
	- Radiology (CXR and CT- chest)	
	- PFT: (spirometry, body plethysmography, diffusion, Bronchoprovocation tests & ABG)	
	- Bronchoscopy (FOB) and Medical thoracoscopy.	
	- Pleural biopsy, CT-guided biopsy, Sputum bacteriology and cytology. - Polysomnography.	
Chronic obstructive lung diseases		
	- COPD	
	- BA	
	- Smoking related respiratory diseases - Upper airway obstruction	
Diffuse parenchymal lung diseases		
	- Clinical overview and general approach to ILD	
	- IPF	
	- Sarcoidosis and Hypersensitivity pneumonitis	
	- Pulmonary manifestations of CT disease - Alveolar haemorrhage syndrome	
Disorders of pulmonary circulation		
	- Pulmonary thromboembolism	
	- Pulmonary hypertension and cor pulmonale - Vasculitis	
Etical aspects of respiratory medicine		
Medicoligal aspects and Patients safety in respiratory medicine		
<u>Clinical part:</u> History taking General examination Local examination Radiological evaluation		
Module (2)		
Infections of the lung		

Date	Title	Supervisor Signature
	- Upper respiratory tract infection.	
	- Pneumonias	
	- Suppurative lung diseases	
	- TB (1)	
	- TB (2)	
	- MOTT	
	- Parasitic lung diseases	
	- Pulmonary infections in immunocompromized patients	
Respiratory critical care		
	- Respiratory failure Overview and magnitude of the problem	
	- O2 therapy	
	- Pulmonary edema cardiogenic & non cardiogenic (ARDS)	
	- Mechanical ventilation (Noninvasive)	
	- Mechanical ventilation (Invasive)	
Surgical aspects of pulmonary diseases		
	- Preoperative assessment of patients and Preparation for lung resection	
	- Postoperative pulmonary complications	
Occupational and environmental disorders		
	- Occupational asthma, Byssinosis and industrial bronchitis	
	- In organic dust (coal, silicosis asbestosis, berylliosis, hard metal, lung diseases)	
	- Toxic inhalation	
Clinical part: FOB:		
	Preparation, introduction	
	Navigation, interpretation	
	Intervention(cryotherapy,electrocautery,argon plasma,biopsy taken and chemical injections)	
	Special probe	
Module (3)		
Diseases of the pleura		
	- Pleural effusion (1)	
	- Pleural effusion (2)	

Date	Title	Supervisor Signature
	- Pneumothorax	
	- Pleural tumors	
Diseases of the mediastinum		
	- Non neoplastic disorders	
	- Mediastinal tumors	
Diseases of the chest wall and diaphragm		
	- Diaphragmatic paralysis, hernia, eventration and anomaly	
	- Kyphoscoliosis and other Chest wall deformities	
Sleep disorders		
	- Sleep staging - Sleep disordered breathing OSAS, CSAS, Sleep hypoventilation syndrome (1)	
	- Excessive sleepiness - Positive airway pressure for sleep disordered breathing and Adherence to it.	
Neoplasm of the lung		
	- Lung Cancer (1)	
	- Lung Cancer (2)	
	- Pulmonary metastasis and SPN .	
Chest & other body system interrelation		
	- Chest and Liver & GIT interrelation - Chest and Ht interrelation	
	- Chest and CNS and Endocrine glands interrelation - Chest and Renal Disorders interrelation	