



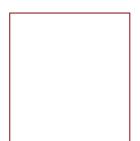
LOG BOOK

(Post Graduate Student – Master Degree)

Chest

Name of the P.G. Student: _____

Personal Data



Name:
Department:
Mobile Number:
E-mail Address:

Date of registration of Master Degree:

Signature.

Head of the Department

Vice Dean for research and postgraduate study

Contents

Section I: Clinical rotation.

Section II: Scientific lectures.

Section III: Seminars.

Section IV: Scientific activities.

Section V. Practical skills and Field training.

Quality Assurance

Section VII: Students clinical teaching.

Final Report.

GENERAL INSTRUCTIONS

The purpose of this log book is to help the student record his / her actual experience during the training period so that the deficiencies can be identified and remedied.

This will also help the Department of Chest Diseases to assess his / her overall training and provide extra experience in the areas where the student is found deficient.

The student is strongly advised to make the entries in the logbook regularly. This will avoid retrospective record hunting.

The log book should be completed weekly and should record all experiences specified till the training is completed.

This look will be reviewed by the head of the department and the academic advisor every 3 months.

On completion of the training the logbook will be submitted for assessment and records.

Quality Assurance Unit

Clinical Rotation and Training

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Clinical Rotation and Training

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Date	Title	Supervisor Signature
1 st part of r	naster degree (1 st semester)	
Anatomy		
	Development and anomalies of respiratory system	
	Anatomy of the lung and its applied	
	Anatomy of the pleura and its applied	
	Anatomy of the mediastinum and its applied	
	Anatomy of the chest wall and its applied	
Histology	I I E	
	Histology of the bronchial epithelium	
	Histology of the interstitium	
	Histology of the lymphatic system	
	Histology of the heart and vessels	
Internal M	edicine	
	Acute and chronic hepatitis	
	Liver cirrhosis & liver cell failure	
	GERD	
	Peptic ulcer	
	Diabetes mellitus	
	Suprarenal disorders	
	Thyroid disorders	

Date	Title	Supervisor Signature
	Systemic hypertension	
	Heart failure	
	Ischemic heart disease & DD of chest pain	
	Interpretation of ECG	
	Acute & chronic renal failure	
	Acidosis, alkalosis, hyperkalemia & hypokalemia	
	Polycythemia & bleeding disorders	
	SLE & rheumatoid arthritis	
Pathology	1. 10° 2° 2°.	
	Pathology of tuberculosis	
	Pathology of pneumonia	
	Pathology of lung cancer	
	Pathology of interstitial lung diseases and pulmonary vascular diseases	
	Pathology of COPD	
	Pathology of pleural diseases	
Pharmacolo	ogy	
	Antibiotics	
	Antituberculous drugs	
	Antifungal and antiviral drugs	
	Bronchodilators, leukotrine modifiers	
	Steroids in chest diseases	

Date	Title	Supervisor Signature
	Anticoagulants, thrombolytics, and antiplatelets	
	Sedative hypnotics, and muscle relaxants	
Physiology		
Respiration:	- Mechanics of respiration	
	- Pulmonary ventilation and factors affecting	
	- Gas exchange through the respiratory	
	membranes	
	- Pulmonary function tests	
	- Respiratory function of blood	
	- Regulation of respiration	
	- Hypoxia-cyanosis-dyspnea	
	- Pneumothorax	
	- Abnormal patterns of breathing	
	- Effect of high pressure of gases	
	- Me <mark>tabol</mark> ic function of the lung	
Acid-base balance	- Acid-base balance	
Circulation	- Pulmonary circulation	
	- Pulmonary oedema	
Blood	- Anticoagulants	
Autonomic	- Sympathetic	
nervous system	- Parasympathetic	
Microbiology		
	Microbiology of community acquired pneumonia	
	Microbiology of tuberculosis and atypical	
	mycobacteria	
	Microbiology of nosocomial chest infections and	

Date	Title	Supervisor Signature
	infection control measures in chest medicine	
	Immunology of respiratory diseases	
	Microbiology of viruses causing respiratory	
	diseases	
	Microbiology of fungi causing respiratory	
	diseases	



Date	Title	Supervisor Signature
2 nd part of	f master degree (3 semesters)	
Module	(1)	
Diagnostic n	nethods	
	- Radiology (CXR and CT- chest)	
	- PFT: (spirometry, body plethysmogrpahy,	
	diffusion, Bronchoprovocation tests & ABG)	
	- Bronchoscopy (FOB) and Medical	
	thoracoscopy.	
	- Pleural biopsy, CT-guided biopsy, Sputum	
	bacteriology and cytology. - Polysomnography.	
Chronic obstr	ructive lung diseases	
	- COPD	
	- BA	
	 Smoking related respiratory diseases Upper airway obstruction 	
Diffuse paren	chymal lung diseases	
	- Clinical overview and general approach to ILD	
	- IPF	
	- Sarcoidosis and Hypersensitivity pneumonitis	
	- Pulmonary manifestations of CT disease	
	- Alveolar haemorrhage syndrome	
Disorders of p	oulmonary circulation	

Date	Title	Supervisor Signature
	- Pulmonary thromboembolism	
	- Pulmonary hypertension and cor pulmonale	
	- Vasculitis	
Etical aspects	of respiratory medicine	
Medicoligal as	pects and Patients safety in respiratory medicine	
<u>Clinical part:</u>		
History taking		
General exami	nation	
Local examina	tion	
Radiological e	valuation	
Module (2	2)	
Infections of th	ne lung	
	- Upper respiratory tract infection.	
	- Pneumonias	
	- Suppurative lung diseases	
	- TB (1)	
	- TB (2)	
	- MOTT	
	- Parasitic lung diseases	
	- Pulmonary infections in immunocompromized	
	patients	
Respiratory cr	itical care	
	- Respiratory failure Overview and magnitude of	
	the problem	

Date	Title	Supervisor Signature
	- O2 therapy	
	- Pulmonary edema cardiogenic & non	
	cardiogenic (ARDS)	
	- Mechanical ventilation (Noninvasive)	
	- Mechanical ventilation (Invasive)	
Surgical asp	ects of pulmonary diseases	
	- Preoperative assessment of patients and	
	Preparation for lung resection	
	- Postoperative pulmonary complications	
Occupationa	ll and environmental dis <mark>orders</mark>	
	- Occupational asthma, Byssinosis and industrial	
	bronchitis	
	- In org <mark>anic</mark> dust (coal, silicosis a <mark>sbe</mark> stosis,	
	berylli <mark>osis,</mark> hard metal, lung disea <mark>se</mark> s)	
	- Toxic inhalation	
Clinical part	t: FOB:	
	Preparation, introduction	
	Navigation, interpretation	
	Intervention(cryotherapy,electrocautery,argon	
	plasma, biopsy taken and chemical injections)	
	Special probe	
Module (3)	<u> </u>	
Diseases of t	he pleura	
	- Pleural effusion (1)	
	- Pleural effusion (2)	

Date	Title	Supervisor Signature
	- Pneumothorax	
	- Pleural tumors	
Diseases of t	he mediastinum	
	- Non neoplastic disorders	
	- Mediastinal tumors	
Diseases of t	he chest wall and diaphragm	
	- Diaphragmatic paralysis, hernia, eventration and anomaly	
	- Kyphoscoliosis and other Chest wall deformities	
Sleep disord	ers	
	 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 Assurance Unit	
	- Lung Cancer (1)	
	- Lung Cancer (2)	
	- Pulmonary metastasis and SPN .	
Chest & othe	er body system interrelation	
	- Chest and Liver & GIT interrelation	
	- Chest and Ht interrelation	
	- Chest and CNS and Endocrine glands	

Date	Title	Supervisor Signature
	interrelation	
	- Chest and Renal Disorders interrelation	
	- Lung in obstetric and gynecologic diseases.	
Iatrogenic lu	ing diseases	
	- Drug induced lung diseases and Radiation lung	
	injury.	
	- Procedure related diseases and Mechanical	
	ventilation induced diseases.	
- Clinical pa	rt:	
	Pulmonary function tests report interpretation	
	ABG interpretation	
	Sleep : Sleep sheet sleep staging, polysomnography interpretation NIPPV adjustment(CPAP,BIPAP)	
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Date	Title	Supervisor Signature		
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Scientific Activities (Conferences Attendance)

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Scientific Activities (Workshops Attendance)

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Scientific Activities (Thesis Attendance)

SD	Date	MSc/ MD	Title	Discussion staff members	Head of Department
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Practical Skills and Field Training (RICU)

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Number of cases should be performed : °0 cases independent & °0 cases as assistant

Practical Skills and Field Training (Bronchoscopy)

SN	Date	Level of Performance	Student assessment	Staff
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Number of cases should be performed : °cases independent 10cases assistant and observer

Practical Skills and Field Training (Sleep)

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Number of cases should be performed : 10 cases independent & 10 cases as assistant

Practical Skills and Field Training (Allergy)

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Number of cases should be performed : 100 cases independent & 100 cases as assistant

Practical Skills and Field Training (Pulmonary function)

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Number of cases should be performed : 100 cases independent & 100 cases as assistant

Practical Skills and Field Training (Other diagnostic & therapeutic interventions)

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Number of cases should be performed : 10 cases independent & 10 cases as assistant

Students Clinical teaching

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Students Clinical teaching

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Students Clinical teaching

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FINAL REPORT

Name of the P.G. Student:

Degree:

Date:

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Academic Advisor Head of the Department