



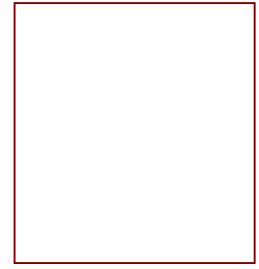
LOG BOOK

(Post Graduate Student – Master Degree)

Chest

Name of the P.G. Student: _____

Personal Data



Name:

Department:

Mobile Number:

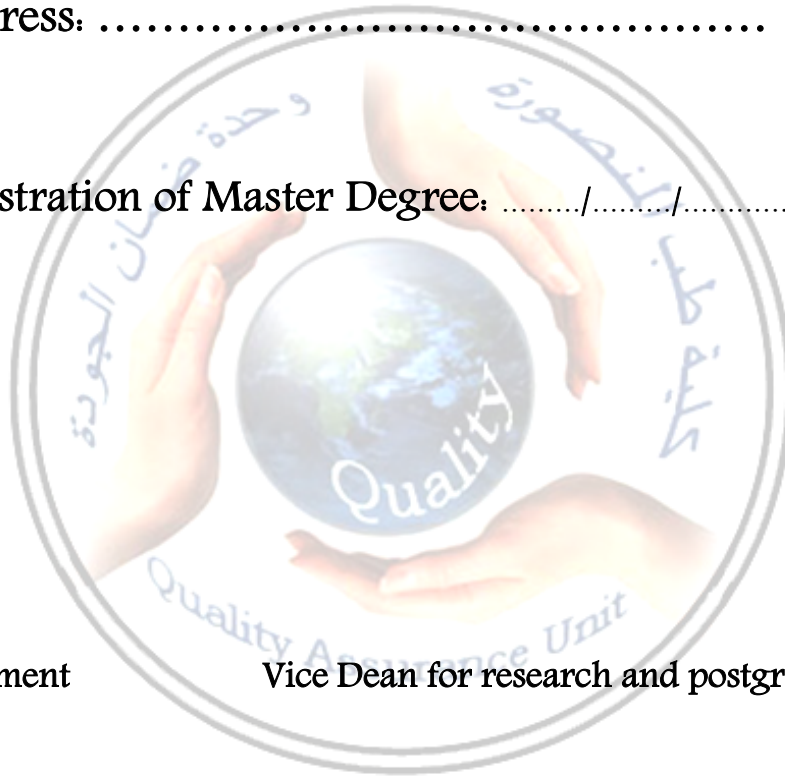
E-mail Address:

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.

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.

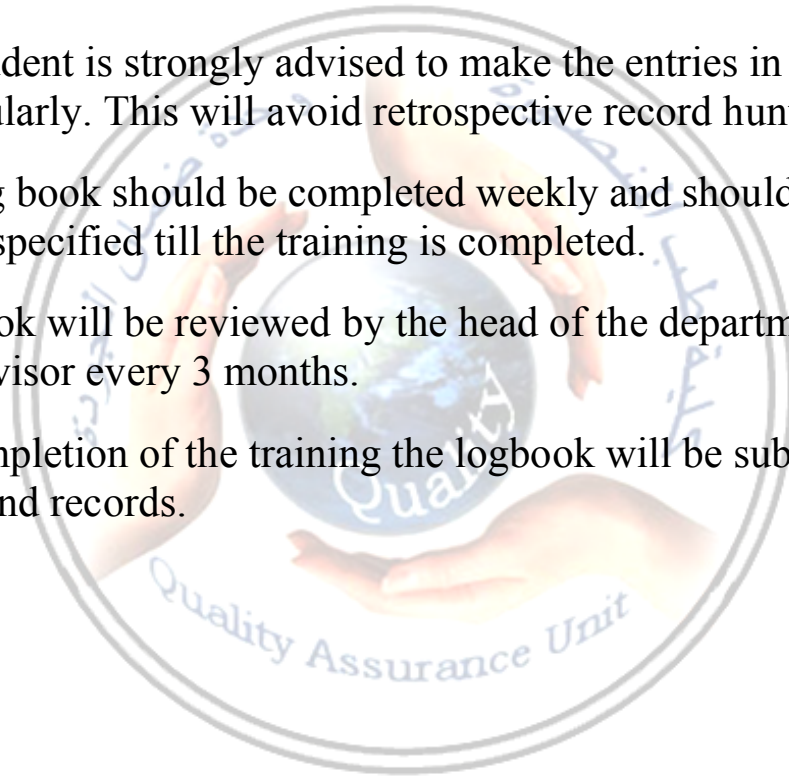
This will also help the Department of Chest Diseases to assess his / her overall training and provide extra experience in the areas where the student is found deficient.

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 book 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.



SCIENTIFIC LECTURES

Date	Title	Supervisor Signature
1st part of master degree (1st 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		
	Histology of the bronchial epithelium	
	Histology of the interstitium	
	Histology of the lymphatic system	
	Histology of the heart and vessels	
Internal Medicine		
	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		
	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	
Pharmacology		
	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:	<ul style="list-style-type: none"> - 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 - Metabolic function of the lung 	
Acid-base balance	- Acid-base balance	
Circulation	<ul style="list-style-type: none"> - Pulmonary circulation - Pulmonary oedema 	
Blood	- Anticoagulants	
Autonomic nervous system	<ul style="list-style-type: none"> - Sympathetic - 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	



SCIENTIFIC 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		

Date	Title	Supervisor Signature
	- 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		
	- 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	

Date	Title	Supervisor Signature
	- 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	

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

