



## COURSE SPECIFICATION

### (Advance course in interventional Endoscopies in Chest Diseases)

Faculty of Medicine– Mansoura University

#### (A) Administrative information

(1) Programme offering the course.	Master degree of chest medicine
(2) Department offering the programme.	Chest Medicine Department
(3) Department responsible for teaching the course.	Chest Medicine Department
(4) Part of the programme.	Second Part
(5) Date of approval by the Department`s council	15-3-2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Advance course in interventional Endoscopies in Chest Diseases
(8) Course code.	2 <sup>nd</sup> part: CHEST 511IE
(9) Credit hours.	1credit hours
(10) Total teaching hours.	15 h

## **(B) Professional information**

### **(1) Course Aims:**

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

- 1- To produce graduate able to acquire the competence and experience to effectively do diagnostic and therapeutic endoscopy.**
- 2- Update in therapeutic endobronchial techniques for lung cancer.**

### **(2) Intended Learning Outcomes (ILOs):**

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

#### **A- Knowledge and Understanding**

- A1- recognize indications, contraindication and complication of FOB
- A2-recognize different types of therapeutic procedure (argonplasma, stent, cryo and electrocautery) in FOB
- A3-recognize technique of different diagnostic procedures in FOB (BAL,TBLB and TBNA)
- A4-identify indication, contraindications, advantages and disadvantages of rigid bronchoscopy
- A5-recognize indications contraindications and complications of thoracoscopy

**B- Intellectual skills**

**B1- Expect the benefit from diagnostic bronchoscopy.**

**B2- Able to choose the best therapeutic technique for endobronchial lesions.**

**B3- describe the best way to deal with complications different therapeutic bronchoscopic techniques.**

**B4- Expect the benefit from diagnostic thoracoscopy**

**(3) Course content.**

<b>Subjects</b>	<b>Lectures</b>	<b>Total Teaching Hours</b>
<b>1- FOB</b>	<b>3</b>	
<b>2- Rigid bronchoscopy</b>	<b>1</b>	
<b>3- Diagnostic procedure:</b>		
• Forceps biopsy	<b>1</b>	
• BAL	<b>1</b>	
• TBLB	<b>1</b>	
• TBNA	<b>1</b>	
• Cryo biopsies	<b>1</b>	
<b>4- Therapeutic procedure</b>	<b>1</b>	
Cryotherapy	<b>1</b>	
Electrocautery	<b>1</b>	
Argon plasma	<b>1</b>	
Brachy therapy	<b>1</b>	
Stenting	<b>1</b>	
Airway ballon		
<b>Total teaching hours</b>	<b>15</b>	<b>15</b>

#### **(4) Teaching methods:**

- 4.1: lectures, seminars, workshops
- 4.2: clinical sessions and work experience
- 4.3: Problem solving, case studies
- 4.4: directed and self directed learning activities

#### **(5) Assessment methods:**

Assessment schedule:

Assessment 1: Written exam after 36 months of admission to the job or 0 months of MS registration

Assessment 5: MCQ at the end of each semester

Percentage of each Assessment :

MCQ	8	%:	20%
Written exam:	32	%:	80%
Total:	40	%:	100%

#### **(6) References of the course:**

- 6.1: Hand books: Oxford handbook of respiratory medicine
- 6.2: Text books
  - Fishman's Pulmonary Diseases and Disorders
  - Crofton and Douglas's Respiratory Disease
  - Eagan's fundamentals of respiratory care
- 6.3: Journals: Periodicals of American Journal of Chest Diseases  
Periodicals of European Respiratory Journal  
Periodicals of Chest Medicine
- 6.4: Websites: Update guidelines of COPD, Lung Cancer, Pulmonary Infections

#### **(7) Facilities and resources mandatory for course completion:**

Teaching rooms: Patients wards, Pulmonary function tests, Arterial Blood Gases, Respiratory Critical Care wards, Sleep Medicine Laboratory, Allergy Immunology Laboratory, Bronchoscopy wards.

Course coordinator:

Dr. Dina Aboelkhair, Lecturer of chest medicine

Dr. Heba Wagih, Assistant lecturer of chest medicine

**Head of the department.** Prof. Mohamad khairy

**Date:** 31-1-2015