



COURSE SPECIFICATION

(Interventional endoscopies in chest medicine)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	MD 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 (elective course)
(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.	Interventional endoscopies in chest medicine
(8) Course code.	CHEST611IE
(9) Credit hours.	1 credit 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-Explain 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.

(3) Course content.

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

(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:

5.1 Written work in the form of portfolios, case studies, for assessment of knowledge and intellectual ILOs

5.2: MCQ continuous assessment for assessment of knowledge and intellectual ILOs

5.3: logbook assessment and on supervisor reports for assessment of:

- lecture attendance.

- practical and transferable skills.

- different scientific activities as attendance of workshop, conferences, seminars and thesis discussions attendance.

mark of each Assessment :

MCQ	5
Written exam:	20
Total:	25

(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 Asthma, COPD, Lung Cancer, Pulmonary Infections
www.GINA.com, www.GOLD.com,

(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. MOHSEN ELSHAFFEY

Head of the department:

Prof. Mohamad khairy

Date: