



**COURSE SPECIFICATION**  
**(chest and organ transplantation)**

Faculty of Medicine- Mansoura University

**(A) Administrative information**

(1) Programme offering the course:	<b>MD degree of chest medicine</b>
(2) Department offering the programme.	Chest Medicine Department
(3) Department responsible for teaching the course.	Chest Medicine Department
(4) Part of the programme.	<b>Second Part (elective course)</b>
(5) Date of approval by the Department`s council	<b>15-3-2016</b>
(6) Date of last approval of programme specification by Faculty council	<b>9-8-2016</b>
(7) Course title.	<b>chest and organ transplantation</b>
(8) Course code:	<b>CHEST611COT</b>
(9) Credit hours:	<b>1 credit hours</b>
(10) Total teaching hours:	<b>15 h</b>

## **(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 understand indication of lung transplantation.**

**2- Update in stem cell therapy.**

### **(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 and contraindications of lung transplantation

A2-identify methods of lung transplantation

A3-Explain types, rationale and limitations of stem cell therapy in emphysema

A4-recognize types, rationale and limitations of stem cell therapy in ILD and pulmonary hypertension

**B- Intellectual skills**

**B1- able to select patient for lung transplantation.**

**B2 able to interpret benefits and limitation of stem cell therapy**

**(3) Course content.**

<b>Subjects</b>	<b>Lectures</b>	<b>Total Teaching Hours</b>
<b>1- Indication for lung transplantation</b>	<b>2</b>	
<b>2- Methods of lung transplantation and technical consideration</b>	<b>2</b>	
<b>3- Preoperative preparation</b>	<b>2</b>	
<b>4- Postoperative complication</b>	<b>2</b>	
<b>5- Interventional procedure to treat the postoperative complication</b>	<b>5</b>	
<b>6- Stem cell therapy in lung diseases</b>		
<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.**

- 5.1 Written, for assessment of knowledge and intellectual ILOS**
- 5.2: MCQ 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](http://www.GINA.com), [www.GOLD.com](http://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:

Head of the department:

Prof. Mohamad khairy

Date: