



COURSE SPECIFICATION

(Advanced course in Sleep disordered breathing)

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.	Advanced course in Sleep disordered breathing
(8) Course code.	CHEST611SM
(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)

To produce graduate able to acquire the competence and experience to effectively interpret PSG and differentiate between SDB in different chest diseases

To produce graduate able to acquire the competence and experience to effectively treat SDB in different chest diseases

(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- recognizes 2012update in AASM guidelines in sleep staging and monitoring

A2-Recognize portable monitoring in PSG

A3-recognize definition,diagnosis and treatment of OHS

A4-recognize types, pathogenesis,diagnosis and treatment of SDB in obstructive and restrictive lung diseases

A5-identify indications,contraindications and guidelines in NIPPV

A6-recognize types, pathogenesis,diagnosis and treatment of SDB in congestive heart failure

B- Intellectual skills

B1- Able to interpret sleep disorders symptoms

B2- able to select proper NIPPV in different sleep disordered breathing

(3) Course content.

Subjects	Lectures	Total Teaching Hours
1- Overview on staging ,artifact and SDB	1	
2- Update of 2007 AASM	1	
3- PSG and portable monitoring	1	
4- screening for SDB	1	
5- SDB in obstructive lung diseases	1	
6- SDB in restrictive lung diseases	1	
7- Sleep hypoventilation syndrome	2	
8- OHS	1	
9- NIPPV in stable alveolar hypoventilation syndrome	1	
10-SDB in congestive heart failure	2	
11-NIPPV	1	
12- Titration of PPV for SDB	2	
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, 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:

Head of the department:

Prof. Mohamad khairy

Date: