



RESPIRATORY SYSTEM AND RELATED DISORDERS
YEAR 2 COURSE 5

May 05th, 2014 – June 20th, 2014

Coordinator of the Course 2.5 Instructor, Dila ŞENER	Coordinator of the Module 2.5 Assist. Prof., Canan Zaimoğlu
Coordinator of Multidisciplinary Students' Lab. Instructor, Dila ŞENER	Coordinator of Clinical Skill Lab. Asist. Prof., Canan Zaimoğlu
Year 2 Coordinators Assoc. Prof., Özgür Kasımay ÇAKIR & Instructor, Burak AKSU	
Module Coordinator Assoc. Prof., Özlem SARIKAYA	Introduction to Clinician Skills(ICS) Coordinators Prof., Sibel KALAÇA, Assoc. Prof., Pemra ÜNALAN
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR ÇATALGÖL	Coordinator of Assessment Unite Asist. Prof., Cevdet NACAR
Vice-Chief Coordinators	
Assessment Asist. Prof., Cevdet NACAR	Students' Affairs Asist. Prof., Can ERZİK
Chief Coordinator Assoc. Prof., Hasan YANANLI	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Prof., Nahide GÖKÇORA	Dean (MU) Prof., Hasan F. BATIREL

LEARNING OUTCOMES / COMPETENCIES

- A. **Clinical Care: Qualified patient care and community oriented health care**
 1. Basic clinical skills
 2. The organization and management of the patient and the patient care
 3. The organization and the management of health care delivery services / system
 4. Health promotion and disease prevention
- B. **Medical Knowledge and Evidence-Based Medicine**
 5. Appropriate information retrieval and management skills
 6. The integration of knowledge, critical thinking and evidence-based decision making
 7. Scientific methods and basic research skills
- C. **Professional Attitudes and Values**
 8. Communication skills and effective communication with patients / patient relatives
 9. Interpersonal relationships and team working
 10. Ethical and professional values, responsibilities
 11. Individual, social and cultural values and responsibilities
 12. Reflective practice and continuing development
 13. Healthcare delivery systems, management and community oriented health care
 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course : Growth, Development, Mental Health and Related Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

RESPIRATORY SYSTEM AND RELATED DISORDERS

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this committee, second year students will gain knowledge about the development, structure and physiology of the respiratory system and pathogenesis of the disorders related to system. They will also gain knowledge about the signs and symptoms of pulmonary diseases, related risk factors, prevention, diagnosis, and principles of treatment.

Learning Objectives: At the end of this committee, second year students will,

- review the development and histology of the respiratory system
- describe the mechanism of breathing and identify the movement, solubility and transport of gas molecules
- understand the factors impairing the normal function of the respiratory system and their pathological reflections on the occurrence of the disease
- gain knowledge about microorganisms that affect the respiratory system and respiratory tract infections
- gain knowledge about the risk groups, risk factors related to pulmonary diseases and preventive measures
- gain knowledge about the major signs and symptoms of the pulmonary diseases
- gain knowledge about the approach to diagnosis, and principles of treatment in pulmonary diseases
- comprehend the hazards of smoking
- define the pharmacotherapy of pulmonary diseases
- acquire skills necessary to perform experimental applications

ASSESSMENT SYSTEM

Module examination: Written exam at the end of module (10 % of final score)

Practical examination: Practical exams at the end of course

Course examination: Written exam at the end of course

PROGRAM EVALUATION

Evaluation at the end of the course, is done both orally and by using structured evaluation forms

DEPARTMENTS PARTICIPATING IN COURSE-2.5

- Anatomy
- Biochemistry
- Biophysics
- Family Medicine
- Histology and Embryology
- Infectious Diseases
- Microbiology
- Nuclear Medicine

- Otorhinolaryngology
- Pathology
- Pediatrics
- Pharmacology
- Physiology
- Public Health
- Pulmonary Medicine
- Radiology

LECTURERS / TUTORS

Ayşegül KARAHASAN, Professor of Microbiology
Berna LAÇIN, Assoc. Professor of Physiology
Berrak Yeğen, Professor of Physiology
Berrin CEYHAN, Professor of Pulmonary Medicine
Betül KARADEMİR, Assist. Professor of Biochemistry
Bülent Karadağ, Professor of Pediatrics
Canan ZAIMOĞLU, Assist. Prof. of Pediatrics
Çiğdem ÇELİKEL, Professor of Pathology
Dila ŞENER, Ins of Histology & Emb.
Dilek Akakin, Assoc. Professor of Histology-Embriology
Elif Dağlı, Professor of Pediatrics
Emel ERYÜKSEL, Assoc. Professor of Pulmonary Medicine
Evrin Dalyan, Inst, School of Foreign Languages and Preparatory School, Modern Languages Division
Funda Eren, , Professor of Pathology
Hülya CABADAK, Assist. Professor of Biophysics

Nahide GÖKÇORA, Professor of Nuclear Medicine
Özgür KASIMAY, Assoc. Professor of Physiology
Pelin BAĞCI, Assoc. Professor of Pathology
Pemra ÜNALAN, Assoc. Prof. Family Medicine
Pınar AY, Assoc. Professor in Public Health
Pınar Mega TİBER, Assist. Professor of Biophysics
Rezzan GÜLHAN, Assoc. Professor of Pharmacology
Sait KARAKURT, Professor of Pulmonary Medicine
Serhan HİDİROĞLU, Assoc. Professor of Public Health
Sibel KALAÇA, Professor of Public Health
Süheyla BOZKURT, Assoc. Professor of Pathology
Şehnaz OLGUN, Assist. Prof. of Pulmonary Medicine
Tekin BAĞLAM, Assoc. Professor of Otorhinolaryngology
Turgay ÇELİKEL, Professor of Pulmonary Medicine
Ufuk HASDEMİR, Professor of Microbiology
Ümit ŞEHİRLİ, Professor of Anatomy

Nuri Çağatay Çimşit, Assoc. Prof. of Radiology

Volkan KORTEN, Professor of Infectious Diseases
Yaşar KESKİN, Assoc. Professor of Public Health
Zafer GÖREN, Professor of Pharmacology

READING / STUDYING MATERIALS

- Medical Microbiology; Patrick R. Murray, Michael A. Pfaller, Ken S. Rosenthal.
- Jawetz, Melnick, and Adelberg's Medical Microbiology (Lange Basic Science).
- <http://www.meddean.luc.edu/lumen/meded/medicine/Allergy/Asthma/asthtoc.html>
- <http://www.nlm.nih.gov/medlineplus/asthma.html>
- Medical Physics physiological measurement BH Broson and RH Smalleroad Scientific Americans 205(1) 56-64.
- Nettle CIBA collection vol 6 section VIII.
- Physics for the Health Sciences. Nave and B. Nave.
- Principles of Physical Chemistry with Applications to the Biological Sciences, D. Freifelder.
- Physics with Illustrative Examples from Medicine and Biology Benedek and Villars.
- Physics, Health and the Human Body Gustafson
- Biochemistry, L.Stryer
- Guyton & Hall, Textbook of Medical Physiology
- GINA (Global Initiative for Asthma).
- Kumar V, Abbas AK, Fausto N, Aster (Eds.) : Robbins & Cotran Pathologic basis of disease, 8th Ed.

SUMMARY OF THE COURSE 2.5

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	14	8	22
Biochemistry	2		2
Biophysics	6		6
Family Medicine	3		3
Histology & Embryology	5	2	7
Infectious Diseases	4		4
Microbiology	4	2	6
Nuclear Medicine	1		1
Otorhinolaryngology	3		3
Pathology	14	5	19
Pediatrics	3		3
Pharmacology	6		6
Physiology	9	3	12
Public Health	3		3
Pulmonary Medicine	24		24
Radiology	2		2
Subtotal	103	20	123
PBL Module	6		6
ICS-2: Basic Clinical Skills, Human in Medicine, Students Research Activity	18		18
Communication in Turkish-2 (Foreign Students)	16		16
TOTAL	143	20	163

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
1. WEEK (05- 09 May, 2014)		
Monday	05 May	
08:40-09:30	Introduction to the course & Breath and Respiration in Medicine	Dr. Ayşe Ülgen
09:40-10:30	Effects of increased lung pressure	Dr. Pınar Mega Tiber
10:40-11:30	Biophysics of ventilation	Dr. Pınar Mega Tiber
11:40-12:30	Principles of gas exchange	Dr. Pınar Mega Tiber
13:40-14:30	Physiology of deep sea diving, aviation, space and high altitude	Dr. Berna Laçın
14:40-15:30	Regulation of respiration	Dr. Berna Laçın
15:40-16:30	Regulation of respiration	Dr. Berna Laçın
16:40-17:30	STUDY TIME	
Tuesday	06 May	
08:40-09:30	Communication in Turkish	Dr. Evrim Dalyan
09:40-10:30	Communication in Turkish	Dr. Evrim Dalyan
10:40-11:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
11:40-12:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
13:40-14:30	Transport of blood gases	Dr. Berrak Yeğen
14:40-15:30	Transport of blood gases	Dr. Berrak Yeğen
15:40-16:30	Buffering function of the lungs	Dr. Berrak Yeğen
16:40-17:30	STUDY TIME	
Wednesday	07 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Histology of the respiratory system: conducting airways	Dr. Dilek Akakın
10:40-11:30	Histology of the respiratory system: respiratory airways	Dr. Dilek Akakın
11:40-12:30	Histology of the respiratory system: respiratory airways	Dr. Dilek Akakın
13:40-14:30	Development of the respiratory system	Dr. Dilek Akakın
14:40-15:30	Development of the respiratory system	Dr. Dilek Akakın
15:40-16:30	Histology LAB: The respiratory system	Dr. Dilek Akakın Dr. Dila Şener
16:40-17:30	Histology LAB: The respiratory system	Dr. Dilek Akakın Dr. Dila Şener
Thursday	08 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Influenza and common cold	Dr. Ufuk Hasdemir
10:40-11:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
11:40-12:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
13:40-14:30	Upper respiratory tract infections	Dr. Ayşegül Karahasan
14:40-15:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan
15:40-16:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan

16:40-17:30	STUDY TIME	
Friday	09 May	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Communication in Turkish	Dr. Evrim Dalyan
11:40-12:30	Communication in Turkish	Dr. Evrim Dalyan
13:40-14:30	Buffer systems	Dr. Betül Karademir
14:40-15:30	Buffer systems	Dr. Betül Karademir
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
2. WEEK (12 – 16 May, 2014)		
Monday	12 May	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	ICS-2: Preparation for poster and oral presentation	Dr. Sibel Kalaça
		Dr. Sibel Kalaça
13:40-14:30	ICS-2: Preparation for poster and oral presentation	Dr. Sibel Kalaça
14:40-15:30	ICS-2: Preparation for poster and oral presentation	Dr. Sibel Kalaça
15:40-16:30	ICS-2: Preparation for poster and oral presentation	Dr. Sibel Kalaça
16:40-17:30	ICS-2: Preparation for poster and oral presentation STUDY TIME	Dr. Sibel Kalaça
Tuesday	13 May	
08:40-09:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli
09:40-10:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli
10:40-11:30	The pharynx	Dr. Ümit Şehirli
11:40-12:30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli
13:40-14:30	Diseases of upper airways	Dr. Funda Eren
14:40-15:30	Diseases of upper airways	Dr. Funda Eren
15:40-16:30	Communication in Turkish	Dr. Evrim Dalyan
16:40-17:30	Communication in Turkish	Dr. Evrim Dalyan
Wednesday	14 May	
08:40-09:30	The root of the neck	Dr. Ümit Şehirli
09:40-10:30	The root of the neck	Dr. Ümit Şehirli
10:40-11:30	Anatomy LAB: The root of the neck	Dr. Ümit Şehirli
11:40-12:30	Anatomy LAB: The pharynx	Dr. Ümit Şehirli
13:40-14:30	The larynx	Dr. Ümit Şehirli
14:40-15:30	The larynx	Dr. Ümit Şehirli
15:40-16:30	Anatomy LAB: The larynx	Dr. Ümit Şehirli
16:40-17:30	STUDY TIME	
Thursday	15 May	

08:40-09:30	MaSCo	
09:40-10:30	MaSCo	
10:40-11:30	MaSCo	
11:40-12:30	MaSCo	
Friday	16 May	
08:40-09:30	MaSCo	
09:40-10:30	MaSCo	
10:40-11:30	MaSCo	
11:40-12:30	MaSCo	
3. WEEK (19 – 23 May, 2014)		
Monday	19 May	
09:40-10:30	HOLIDAY	
10:40-11:30		
11:40-12:30		
Tuesday	20 May	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
Wednesday	21 May	
09:40-10:30	Communication in Turkish	Dr. Evrim Dalyan
10:40-11:30	Communication in Turkish	Dr. Evrim Dalyan
Thursday	22 May	
08:40-09:30	STUDY TIME	
09:40-10:30	The diaphragm	Dr. Ümit Şehirli
10:40-11:30	The trachea and the lungs	Dr. Ümit Şehirli
11:40-12:30	The trachea and the lungs	Dr. Ümit Şehirli
13:40-14:30	Anatomy LAB: The diaphragm	Dr. Ümit Şehirli
14:40-15:30	Anatomy LAB: The trachea and the lungs	Dr. Ümit Şehirli
15:40-16:30	Communication in Turkish	Dr. Evrim Dalyan
16:40-17:30	Communication in Turkish	Dr. Evrim Dalyan
Friday	23 May	
08:40-09:30	The thoracic wall	Dr. Ümit Şehirli
09:40-10:30	The thoracic wall	Dr. Ümit Şehirli
10:40-11:30	The mediastinum	Dr. Ümit Şehirli
11:40-12:30	The mediastinum	Dr. Ümit Şehirli
13:40-14:30	Anatomy LAB: The thoracic wall	Dr. Ümit Şehirli
14:40-15:30	Anatomy LAB: The mediastinum	Dr. Ümit Şehirli
15:40-16:30	Communication in Turkish	Dr. Evrim Dalyan
16:40-17:30	Communication in Turkish	Dr. Evrim Dalyan

4. WEEK (26 – 30 May, 2014)

Monday	26 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Epidemiology of airborne diseases	Dr. Seyhan Hıdıroğlu
10:40-11:30	Otitis media and complications	Dr. Tekin Bağlam
11:40-12:30	Oropharyngeal and sinus diseases	Dr. Tekin Bağlam
13:40-14:30	Laryngeal diseases and tracheotomy	Dr. Tekin Bağlam
14:40-15:30	Radiological examination of the chest	Dr. Nuri Çağatay Çimşit
15:40-16:30	Radiological examination of the chest	Dr. Nuri Çağatay Çimşit
16:40-17:30	STUDY TIME	
Tuesday	27 May	
08:40-09:30	ICS-2: Research report writing	Research groups study time
09:40-10:30	ICS-2: Research report writing	Research groups study time
10:40-11:30	ICS-2: Research report writing	Research groups study time
11:40-12:30	ICS-2: Research report writing	Research groups study time
13:40-14:30	ICS-2: Research report writing	Research groups study time
14:40-15:30	ICS-2: Research report writing	Research groups study time
15:40-16:30	ICS-2: Research report writing	Research groups study time
16:40-17:30	ICS-2: Research report writing	Research groups study time
Wednesday	28 May	
08:40-09:30	Alveolar ventilation	Dr. Özgür Kasımay Çakır
09:40-10:30	Alveolar ventilation	Dr. Özgür Kasımay Çakır
10:40-11:30	Communication in Turkish	Dr. Evrim Dalyan
11:40-12:30	Communication in Turkish	Dr. Evrim Dalyan
13:40-14:30	Bacterial pneumonias and lung abscess	Dr. Süheyla Bozkurt
14:40-15:30	Viral and fungal diseases of the lung	Dr. Süheyla Bozkurt
15:40-16:30	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak
16:40-17:30	STUDY TIME	
Thursday	29 May	
08:40-09:30	Diffusion of gases	Dr. Özgür Kasımay Çakır
09:40-10:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır
10:40-11:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır
11:40-12:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır
Friday	30 May	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	

13:40-14:30	STUDY TIME	
14:40-15:30	Ventilation - perfusion scintigraphy	Dr. Nahide Gökçora
15:40-16:30	Communication in Turkish	Dr. Evrim Dalyan
16:40-17:30	Communication in Turkish	Dr. Evrim Dalyan
5. WEEK (02 – 06 June, 2014)		
Monday	02 June	
08:40-09:30	Patient education in chronic diseases: asthma as an example	Dr. Serap Çifçili
09:40-10:30	ICS:Assesment of ICS-2 program	Dr. Pemra Ünalın Dr. Serap Çifçili
10:40-11:30	ICS:Assesment of ICS-2 program	Dr. Pemra Ünalın Dr. Serap Çifçili
11:40-12:30	Environmental and occupational causes of lung diseases	Dr. Dilşad Save
13:40-14:30	Air pollution and its adverse effects on health	Dr. Dilşad Save
14:40-15:30	ICS:Assesment of ICS-2 program	Dr. Pemra Ünalın Dr. Serap Çifçili
15:40-16:30	ICS:Assesment of ICS-2 program	Dr. Pemra Ünalın Dr. Serap Çifçili
16:40-17:30	ICS:Assesment of ICS-2 program	Dr. Pemra Ünalın Dr. Serap Çifçili
Tuesday	03 June	
08:40-09:30	Approach to adult patient with persistent cough	Dr. Pemra Ünalın
09:40-10:30	Current evidence: counseling for smoking cessation in primary care	Dr. Pemra Ünalın
10:40-11:30	Effects of tobacco on human health	Dr. Elif Dağlı
11:40-12:30	Childhood tuberculosis	Dr. Elif Dağlı
13:40-14:30	Bronchial hyperreactivity and asthma	Dr. Bülent Karadağ
14:40-15:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
15:40-16:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
16:40-17:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
Wednesday	04 June	
08:40-09:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
09:40-10:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
10:40-11:30	PBL MODULE	Dr. Elif Dağlı - Dr. Bülent Karadağ
11:40-12:30	Rational use of antibiotics in respiratory diseases	Dr. Volkan Korten
13:40-14:30	Lower respiratory tract infections	Dr. Volkan Korten
14:40-15:30	Pneumonia	Dr. Volkan Korten
15:40-16:30	Pneumonia	Dr. Volkan Korten
16:40-17:30	STUDY TIME	
Thursday	05 June	
08:40-10:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun

09:40-10:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun
10:40-11:30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun
11:40-12:30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun
13:40-14:30	Arterial blood gas analysis	Dr. Emel Eryüksel
14:40-15:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel
15:40-16:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel
16:40-17:30	Control of tuberculosis in primary care	Dr. Pınar Ay
Friday	06 June	
08:40-09:30	STUDY TIME	
09:40-10:30	Spirometry workshop	Dr. Berrin Ceyhan
10:40-11:30	Pleural diseases	Dr. Berrin Ceyhan
11:40-12:30	(Case) A young man with fever, lymph node enlargement and weight loss	Dr. Berrin Ceyhan
13:40-14:30	Restrictive lung diseases	Dr. Berrin Ceyhan
14:40-15:30	Sarcoidosis	Dr. Berrin Ceyhan
15:40-16:30	Occupational asthma	Dr. Emel Eryüksel
16:40-17:30	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel

6. WEEK (09 – 13 June, 2014)		
Monday	09 June	
08:40-09:30	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören
09:40-10:30	Agents affecting sympathetic nervous system	Dr. Zafer Gören
10:40-11:30	Agents affecting parasympathetic nervous system	Dr. Zafer Gören
11:40-12:30	Pharmacotherapy in tuberculosis	Dr. Zafer Gören
13:40-14:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Rezzan Gülhan
14:40-15:30	Drug - induced lung diseases	Dr. Rezzan Gülhan
Tuesday	10 June	
08:40-09:30	STUDY TIME	
09:40-10:30	Chronic obstructive lung diseases	Dr. Turgay Çelikel
10:40-11:30	Chronic obstructive lung diseases	Dr. Turgay Çelikel
11:40-12:30	Respiratory failure: case presentation	Dr. Turgay Çelikel
13:40-14:30	Pulmonary thromboembolism	Dr. Turgay Çelikel
14:40-15:30	Lung cancer	Dr. Turgay Çelikel
Wednesday	11 June	
08:40-09:30	STUDY TIME	
09:40-10:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Çelikel
10:40-11:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Çelikel
11:40-12:30	Pathology of pulmonary circulation	Dr. Çiğdem Çelikel

13:40-14:30	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt
14:40-15:30	A patient with cough and fever	Dr. Sait Karakurt
15:40-16:30	Sleep apnea syndrome	Dr. Sait Karakurt
Thursday	12 June	
08:40-09:30	Tumors of pleura and mediastinum	Dr. Çiğdem Çelikel
09:40-10:30	Diffuse interstitial lung diseases	Dr. Çiğdem Çelikel
10:40-11:30	Neoplastic diseases of the lung	Dr. Çiğdem Çelikel
11:40-12:30	Neoplastic diseases of the lung	Dr. Çiğdem Çelikel
13:40-14:30	Occupational / Environmental Lung Diseases	Dr. Çiğdem Çelikel
14:40-15:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
15:40-16:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
Friday	13 June	
08:40-09:30	Pulmonary Tuberculosis	Dr. Pelin Bağcı
09:40-10:30	Pulmonary Tuberculosis	Dr. Pelin Bağcı
10:40-11:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Pelin Bağcı
11:40-12:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Pelin Bağcı
13:40-14:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Pelin Bağcı
14:40-15:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-II	Dr. Pelin Bağcı
15:40-16:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-III	Dr. Pelin Bağcı

7. WEEK (16 – 20 June, 2014)

7. WEEK (16 – 20 June, 2014)		
Monday	16 June	
08:40-09:30	PRACTICAL EXAMINATION	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
Tuesday	17 June	
08:40-09:30	PRACTICAL EXAMINATION	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
Wednesday	18 June	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
Thursday	19 June	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
Friday	20 June	
08:40-09:30	THEORETICAL EXAMINATION	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		