



RESPIRATORY SYSTEM AND RELATED DISORDERS
YEAR 2 COURSE 5
May 09th, 2016 – June 30th, 2016

Coordinator of the Course 2.5 Asisst. Prof., Mümtaz GÜRAN	Coordinator of the Module 2.5 Asisst. Prof., Kerem TERALI
Coordinator of Multidisciplinary Students' Lab. Asisst. Prof., Kerem TERALI	Coordinator of Clinical Skill Lab. Instructor. Berfu Çerçi ÖNGÜN
Coordinator of Assessment Unite Asisst. Prof., Mümtaz GÜRAN, Asist. Prof. Dr. Mevhibe HOCAOĞLU, Asisst. Prof., Ayşe ÜLGEN, Asisst. Prof., Kerem TERALI	Coordinator of ICS Res. LAB. Assist. Prof. Dr. Mevhibe HOCAOĞLU
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 Multidiciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR	Coordinator of Assessment Unite Asisst. Prof., Cevdet NACAR

Vice-Chief Coordinators	
Assessment Asisst. Prof., Cevdet NACAR	Students' Affairs Asisst. 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., Ömer GÜNAL

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 the course and performance during the module

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

<ul style="list-style-type: none"> • Anatomy • Biochemistry • Biophysics • Family Medicine • Histology and Embryology • Infectious Diseases • Medical Genetics • Microbiology • Nuclear Medicine 	<ul style="list-style-type: none"> • Otorhinolaryngology • Pathology • Pediatrics • Pharmacology • Physiology • Public Health • Pulmonary Medicine • Radiology
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LECTURERS / TUTORS

<p>Alper Yıldırım, Assist. Professor of Physiology Aymelek Yalın, Professor of Anatomy Ayşegül KARAHASAN, Professor of Microbiology Berfu Çerçi ÖNGÜN, Instructor of Anatomy Berrak Yeğen, Professor of Physiology Berrin CEYHAN, Professor of Pulmonary Medicine Bülent Karadağ, Professor of Pediatrics Çiğdem Apaydın, Assoc. Prof. Family Medicine Çiğdem ÇELİKEL, Professor of Pathology Dilek Akakın, Assoc. Professor of Histology-Embryology Dilşad Save, Assoc. Professor in Public Health Elif DAĞLI, Professor of Pediatrics Emel ERYÜKSEL, Assoc. Professor of Pulmonary Medicine Emine BOZKURLAR, Assist. Professor of Pathology Emine ÖZERİNÇ, Instructor of School of Foreign Languages and Preparatory School Funda Eren, , Professor of Pathology Güner SÖYLELİR, Professor of Microbiology Hülya CABADAK, Assist. Professor of Biophysics İnci ALİCAN, Professor of Physiology İlter Güney, Assist. Professor of Medical Genetics</p>	<p>Kerem Teralı, Assist. Prof. of Biochemistry Mümtaz GÜRAN, Assist. Professor of Microbiology Nahide Gökçora, Professor of Nuclear Medicine Onur Buğdaycı, Assist. Professor of Radiology Önder Şirikçi, Professor of Medical Biochemistry Özgür KASIMAY, Assoc. Professor of Physiology Pemra ÜNALAN, Assoc. Prof. Family Medicine Pınar Ay, Professor of Public Health Pınar Mega TİBER, Assist. Professor of Biophysics Rezzan GÜLHAN, Assoc. Professor of Pharmacology Sait KARAKURT, Professor of Pulmonary Medicine Serap ÇİFÇİLİ, Assoc. Prof. Family Medicine Sibel Sakarya, Prof. of Public Health Şehnaz Olgun, Assist. Professor 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 Volkan KORTEN, Professor of Infectious Diseases Zafer GÖREN, Professor of Pharmacology</p>
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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	12	7	19
Biochemistry	2		2
Biophysics	6		6
Family Medicine	3		3
Histology & Embryology	5	1	6
Infectious Diseases	4		4
Medical Genetics	2		2
Microbiology	5	2	7
Nuclear Medicine	1		1
Otorhinolaryngology	3		3
Pathology	14	4	18
Pediatrics	4		4
Pharmacology	7		7
Physiology	8	4	12
Public Health	4		4
Pulmonary Medicine	24		24
Radiology	2		2
Subtotal	106	18	124
PBL Module	6		6
ICS-2: Basic Clinical Skills, Human in Medicine, Students Research Activity	7	6	13
Communication in Turkish-III (Foreign Students)	26		26
TOTAL	145	24	169

THEORETICAL AND PRACTICAL SESSIONS

LECTURER/TUTOR

1st WEEK (09 May – 13 May, 2016)

Monday	May 09	
08:40-09:30	STUDY TIME	
09:40-10:30	Introduction to the course & Breath and Respiration in Medicine	Dr. Kerem Teralı
10:40-11:30	Buffer systems	Dr. Önder Şirikçi
11:40-12:30	Buffer systems	Dr. Önder Şirikçi
13:40-14:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
14:40-15:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
15:40-16:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli
16:40-17:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli
Tuesday	May 10	
08:40-09:30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
09:40-10:30	The pharynx	Dr. Ümit Şehirli
10:40-11:30	The larynx	Dr. Ümit Şehirli
11:40-12:30	The larynx	Dr. Ümit Şehirli
13:40-14:30	The diaphragm	Dr. Ümit Şehirli
14:40-15:30	Anatomy LAB: The pharynx	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: The larynx	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: The diaphragm	Dr. Ümit Şehirli, Dr. Berfu Çerçi Öngün
Wednesday	May 11	
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	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
14:40-15:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	STUDY TIME	
Thursday	May 12	
08:40-09:30	Histology of the respiratory system: conducting airways	Dr. Dilek Akakın
09:40-10:30	Histology of the respiratory system: respiratory airways	Dr. Dilek Akakın
10:40-11:30	Histology of the respiratory system: respiratory airways	Dr. Dilek Akakın
11:40-12:30	Development of the respiratory system	Dr. Dilek Akakın
13:40-14:30	Development of the respiratory system	Dr. Dilek Akakın
14:40-15:30	Histology LAB: The respiratory system	Dr. Dilek Akakın
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	May 13	
08:40-09:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu
09:40-10:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu
10:40-11:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu
11:40-12:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu
13:40-14:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu
14:40-15:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoğlu

15:40-16:30	ICS-2: SRA- Preperation for oral or poster presentations	Dr. Sibel Sakarya, Dr. Mevhibe Hocaoglu
16:40-17:30	STUDY TIME	
2nd Week (16 May -20 May, 2016)		
Monday	May 16	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
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	Physiology of deep sea diving, aviation, space and high altitude	Dr. İnci Alican
14:40-15:30	Regulation of respiration	Dr. İnci Alican
15:40-16:30	Regulation of respiration	Dr. İnci Alican
16:40-17:30		
Tuesday	May 17	
08:40-09:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
09:40-10:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
10:40-11:30	Effects of increased lung pressure	Dr. Pınar Mega Tiber
11:40-12:30	Biophysics of ventilation	Dr. Pınar Mega Tiber
13:40-14:30	Principles of gas exchange	Dr. Pınar Mega Tiber
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	May 18	
08:40-09:30	Alveolar ventilation	Dr. Berrak Yeğen
09:40-10:30	Alveolar ventilation	Dr. Berrak Yeğen
10:40-11:30	Transport of blood gases	Dr. Berrak Yeğen

11:40-12:30	Transport of blood gases	Dr. Berrak Yeğen
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	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak
16:40-17:30	STUDY TIME	
Thursday	May 19	
08:40-09:30		
09:40-10:30	HOLIDAY	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Friday	May 20	
08:40-09:30	EMIMSC	
09:40-10:30	EMIMSC	
10:40-11:30	EMIMSC	
11:40-12:30	EMIMSC	
13:40-14:30	EMIMSC	
14:40-15:30	EMIMSC	
15:40-16:30	EMIMSC	
16:40-17:30	EMIMSC	
3rd Week (23 May-27 May, 2016)		
Monday	May 23	

08:40-09:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
09:40-10:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
10:40-11:30	The trachea and the lungs	Dr.Aymelek Yalın
11:40-12:30	The trachea and the lungs	Dr.Aymelek Yalın
13:40-14:30	The thoracic wall	Dr.Aymelek Yalın
14:40-15:30	The thoracic wall	Dr.Aymelek Yalın
15:40-16:30	Anatomy Lab: The trachea and the lungs	Dr.Aymelek Yalın, Dr. Berfu Çerçi Öngün
16:40-17:30	STUDY TIME	
Tuesday	May 24	
08:40-09:30	The mediastinum	Dr.Aymelek Yalın,
09:40-10:30	The mediastinum	Dr.Aymelek Yalın
10:40-11:30	Anatomy LAB: The thoracic wall	Dr.Aymelek Yalın, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The mediastinum	Dr.Aymelek Yalın, Dr. Berfu Çerçi Öngün
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
STUDY TIME	STUDY TIME	
Wednesday	May 25	
08:40-09:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
09:40-10:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
10:40-11:30	Influenza and common cold	Dr. Güner Söyledir
11:40-12:30	Microbiological approach to respiratory tract infections	Dr. Güner Söyledir
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, Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
16:40-17:30	STUDY TIME	
Thursday	May 26	
08:40-09:30	MASCO	
09:40-10:30	MASCO	
10:40-11:30	MASCO	
11:40-12:30	MASCO	
13:40-14:30	MASCO	
14:40-15:30	MASCO	
15:40-16:30	MASCO	
16:40-17:30	MASCO	
Friday	May 27	
08:40-09:30	MASCO	
09:40-10:30	MASCO	
10:40-11:30	MASCO	
11:40-12:30	MASCO	
13:40-14:30	MASCO	
14:40-15:30	MASCO	
15:40-16:30	MASCO	
16:40-17:30	MASCO	
4th Week (30 May – 3 June, 2016)		
Monday	May 30	
08:40-09:30	Radiological examination of the chest	Dr. Onur Buğdaycı

09:40-10:30	Radiological examination of the chest	Dr. Onur Buğdaycı
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	Buffering function of the lungs	Dr. Alper Yıldırım
14:40-15:30	PBL-Module 1	Dr. Elif Dağlı
15:40-16:30	PBL-Module 1	Dr. Elif Dağlı
16:40-17:30	PBL-Module 1	Dr. Elif Dağlı
Tuesday	May 31	
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, Dr. Alper Yıldırım
10:40-11:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır , Dr. Alper Yıldırım
11:40-12:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır , Dr. Alper Yıldırım
13:40-14:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	JUNE 01	
08:40-09:30	STUDY TIME	
09:40-10:30	Ventilation - perfusion scintigraphy	Dr. Nahide Gökçora
10:40-11:30	Bronchial hyperreactivity and asthma	Dr. Bülent Karadağ
11:40-12:30	Bronchial hyperreactivity and asthma	Dr. Bülent Karadağ
13:40-14:30	STUDY TIME	
14:40-15:30	PBL-Module 2	Dr. Bülent Karadağ
15:40-16:30	PBL-Module 2	Dr. Bülent Karadağ
16:40-17:30	PBL-Module 2	Dr. Bülent Karadağ

Thursday	June 02	
08:40-09:30	Neoplastic diseases of the lung	Dr. Emine Bozkurtlar
09:40-10:30	Neoplastic diseases of the lung	Dr. Emine Bozkurtlar
10:40-11:30	Viral and fungal diseases of the lung	Dr. Emine Bozkurtlar
11:40-12:30	Bacterial pneumonias and lung abscess	Dr. Emine Bozkurtlar
13:40-14:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	June 03	
08:40-09:30	Epidemiology of airborne diseases	Dr. Dilşad Save
09:40-10:30	Environmental and occupational causes of lung diseases	Dr. Dilşad Save
10:40-11:30	Air pollution and its adverse effects on health	Dr. Dilşad Save
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	Control of tuberculosis in primary care	Dr. Pınar Ay
5th Week (06 June – 10 June, 2016)		
Monday	June 06	
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	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	June 07	
08:40-09:30	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	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	June 08	
08:40-09:30	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt
09:40-10:30	A patient with cough and fever	Dr. Sait Karakurt
10:40-11:30	Sleep apnea syndrome	Dr. Sait Karakurt
11:40-12:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
13:40-14:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
14:40-15:30		
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Thursday	June 09	
08:40-09:30	STUDY TIME	
09:40-10:30	Otitis media and complications	Dr. Tekin Bağlam

10:40-11:30	Paranal sinus diseases	Dr. Tekin Bağlam
11:40-12:30	Larynx and orophayngeal diseases	Dr. Tekin Bağlam
13:40-14:30	Genetics of pulmonary disorders	Dr. İlter Güney
14:40-15:30	Molecular mechanisms in lung cancer	Dr. İlter Güney
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Friday	June 10	
08:40-09:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
09:40-10:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
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	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
6th Week (13 June -17 June, 2016)		
Monday	June 13	
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 (RESPIRATORY DISEASES)	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	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Tuesday	June 14	
08:40-09:30	Counseling for risky behaviors and counseling in adolescents: Smoking	Dr. Çiğdem Apaydın Kaya
09:40-10:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
10:40-11:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
11:40-12:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
13:40-14:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
14:40-15:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
15:40-16:30	ICS-2: OSCE for History Taking Course (Practice Exam)	Dr.Serap Çifçili, Dr.Pemra C.Ünalın, Dr.Çiğdem Apaydın, Dr. Berfu Çerçi Öngün, Dr. Aydın Karakuzu
16:40-17:30	Approach to adult patient with persistent cough	Dr. Pemra Ünalın
Wednesday	June 15	
08:40-09:30	Patient education in chronic diseases: asthma as an example	Dr. Serap Çifçili
09:40-10:30	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören
10:40-11:30	Agents affecting sympathetic nervous system	Dr. Zafer Gören

11:40-12:30	Agents affecting parasympathetic nervous system	Dr. Zafer Gören
13:40-14:30	Pharmacotherapy in tuberculosis	Dr. Zafer Gören
14:40-15:30	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Zafer Gören
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Thursday	June 16	
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	Diffuse interstitial lung diseases	Dr. Çiğdem Çelikel
14:40-15:30	Occupational / Environmental Lung Diseases	Dr. Çiğdem Çelikel
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Friday	June 17	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Chronic obstructive lung diseases	Dr. Turgay Çelikel
11:40-12:30	Chronic obstructive lung diseases	Dr. Turgay Çelikel
13:40-14:30	Respiratory failure	Dr. Turgay Çelikel
14:40-15:30	Pulmonary thromboembolism	Dr. Turgay Çelikel
15:40-16:30	Lung cancer	Dr. Turgay Çelikel
16:40-17:30	STUDY TIME	

7th Week (20 June – 24 June, 2016)

Monday	June 20	
08:40-09:30	STUDY TIME	
09:40-10:30	Arterial blood gas analysis	Dr. Emel Eryüksel
10:40-11:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel
11:40-12:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel
13:40-14:30	Occupational asthma	Dr. Emel Eryüksel
14:40-15:30	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel
15:40-16:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
16:40-17:30	Communication in Turkish-III	Emine Özerinç, Şerife Çelebi
Tuesday	June 21	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Rezzan Gülhan
11:40-12:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Rezzan Gülhan
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	June 22	
08:40-09:30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar
09:40-10:30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar
10:40-11:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Emine Bozkurtlar
11:40-12:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Emine Bozkurtlar

13:40-14:30	Tumors of pleura and mediastinum	Dr. Emine Bozkurtlar
14:40-15:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-II	Dr. Emine Bozkurtlar
15:40-16:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Emine Bozkurtlar
16:40-17:30	STUDY TIME	
Thursday	June 23	
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	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	June 24	
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	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
8th Week (27 June – 30 June,2016)		
Monday	June 27	

08:40-09:30		
09:40-10:30	PRACTICAL EXAM	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	June 28	
08:40-09:30		
09:40-10:30	PRACTICAL EXAM	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	June 29	
08:40-09:30		
09:40-10:30	TEORETICAL EXAM	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		

