

Last update: June 01<sup>st</sup> 2020

**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY  
INTERNATIONAL MEDICAL SCHOOL  
DISTANCE EDUCATION PROGRAM  
RESPIRATORY SYSTEM AND RELATED DISORDERS  
YEAR 2 COURSE 5  
2019-20**

\* online lecture given through [ders.uzem.marmara.edu.tr](http://ders.uzem.marmara.edu.tr)

\*\* online lecture given through **MS Teams Application**

<b>April 27<sup>th</sup>- May 1<sup>st</sup> Week</b>		
<b>Monday</b>	<b>27 April</b>	
<b>10:00-11:00</b>	Introduction to the course of Breath and Respiration in Medicine	Dr. Masoud Afshani**
<b>11:00-12:00</b>	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli*
<b>12:00-13:00</b>	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli*
<b>13:00-14:00</b>	The pharynx	Dr. Ümit Süleyman Şehirli*
<b>Tuesday</b>	<b>28 April</b>	
<b>09:00-10:00</b>	The larynx	Dr. Ümit Süleyman Şehirli*
<b>10:00-11:00</b>	The larynx	Dr. Ümit Süleyman Şehirli*
<b>11:00-12:00</b>	The trachea and the lungs	Dr. Aymelek Yalın**
<b>12:00-13:00</b>	The trachea and the lungs	Dr. Aymelek Yalın**
<b>Wednesday</b>	<b>29 April</b>	
<b>09:00-10:00</b>	The diaphragm	Dr. Ümit Süleyman Şehirli*
<b>10:00-11:00</b>	Development of the respiratory system	Dr. Serap Şirvancı*
<b>11:00-12:00</b>	Development of the respiratory system	Dr. Serap Şirvancı*
<b>12:00-13:00</b>	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber*
<b>13:00-14:00</b>	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber*
<b>Thursday</b>	<b>30 April</b>	
<b>11:00-12:00</b>	Histology of the respiratory system: Conducting airways	Dr. Özlem Tuğçe Kaya*
<b>12:00-13:00</b>	Histology of the respiratory system: Respiratory airways	Dr. Özlem Tuğçe Kaya*
<b>13:00-14:00</b>	Histology of the respiratory system: Respiratory airways	Dr. Özlem Tuğçe Kaya*
<b>May 04<sup>th</sup>- May 08<sup>th</sup> Week</b>		
<b>Monday</b>	<b>04 May</b>	
<b>09:00-10:00</b>	Alveolar ventilation	Dr. Berrak Yegen*
<b>10:00-11:00</b>	Alveolar ventilation	Dr. Berrak Yegen*
<b>11:00-12:00</b>	Epidemiology of airborne diseases	Dr. Ahmet Topuzoğlu*
<b>Tuesday</b>	<b>05 May</b>	
<b>09:00-10:00</b>	Transport of blood gases	Dr. Berrak Yegen*
<b>10:00-11:00</b>	Transport of blood gases	Dr. Berrak Yegen*
<b>11:00-12:00</b>	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak*

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<b>12:00-13:00</b>	Biophysics of ventilation	Dr. Pınar Mega Tiber*
<b>13:00-14:00</b>	Principles of gas exchange	Dr. Pınar Mega Tiber*
<b>Wednesday 06 May</b>		
<b>09:00-10:00</b>	Diffusion of gases	Dr. Özgür Kasımay Çakır*
<b>10:00-11:00</b>	Influenza and common cold	Dr. Ufuk Hasdemir*
<b>11:00-12:00</b>	Regulation of respiration	Dr. Yaşar İnci Alican*
<b>12:00-13:00</b>	Regulation of respiration	Dr. Yaşar İnci Alican*
<b>13:00-14:00</b>	Buffering function of the lungs	Dr. Alper Yıldırım*
<b>Thursday 07 May</b>		
<b>09:00-10:00</b>	Buffer systems	Dr. Önder Şirikçi*
<b>10:00-11:00</b>	Buffer systems	Dr. Önder Şirikçi*
<b>11:00-12:00</b>	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli*
<b>12:00-13:00</b>	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli*
<b>13:00-14:00</b>	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören*
<b>Friday 08 May</b>		
<b>09:00-10:00</b>	Upper respiratory tract infections	Dr. Ayşegül Karahasan*
<b>10:00-11:00</b>	Air pollution and its adverse effects on health	Dr. Ahmet Topuzoğlu*
<b>11:00-12:00</b>	Environmental and occupational causes of lung diseases	Dr. Ahmet Topuzoğlu*
<b>12:00-13:00</b>	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören*
<b>13:00-14:00</b>	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören*
<b>14:00-15:00</b>	The thoracic wall	Dr. Aymelek Yalın**
<b>15:00-16:00</b>	The thoracic wall	Dr. Aymelek Yalın**

<b>May 11<sup>th</sup>- May 15<sup>th</sup> Week</b>		
<b>Monday 11 May</b>		
<b>09:00-10:00</b>	Clinical application of pulmonary function test	Dr. Sait Karakurt*
<b>10:00-11:00</b>	Clinical application of pulmonary function test	Dr. Sait Karakurt*
<b>11:00-12:00</b>	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli*
<b>12:00-13:00</b>	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli*
<b>13:00-14:00</b>	Physiology of deep sea diving, aviation, space and high altitude	Dr. Yaşar İnci Alican*
<b>15:00-16:00</b>	The mediastinum	Dr. Aymelek Yalın**
<b>16:00-17:00</b>	The mediastinum	Dr. Aymelek Yalın**
<b>Tuesday 12 May</b>		
<b>09:00-10:00</b>	Pulmonary tuberculosis	Dr. Emel Eryüksel*
<b>10:00-11:00</b>	Pulmonary tuberculosis	Dr. Emel Eryüksel*
<b>11:00-12:00</b>	Pulmonary tuberculosis	Dr. Rengin Asiye Ahıskalı*
<b>12:00-13:00</b>	Pulmonary tuberculosis	Dr. Rengin Asiye Ahıskalı*
<b>13:00-14:00</b>	Pharmacotherapy in tuberculosis	Dr. Eren Sakallı**
<b>14:00-15:00</b>	<b>Y2C4 PBL Session 1</b>	Dr. Nevin Yılmaz** Dr. Amber Eker**

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<b>15:00-16:00</b>		Dr.Berfu Öngün** Dr. Nilüfer Güzoğlu** Dr. H. Eren Sakallı**
<b>Wednesday</b>	<b>13 May</b>	
<b>09:00-10:00</b>	Otitis media and complications	Dr. Abdullah Çağlar Batman*
<b>10:00-11:00</b>	Genetics of pulmonary disorders	Dr. Ahmet İlater Güney*
<b>11:00-12:00</b>	Lung cancer	Dr. Turgay Hüseyin Çelikel*
<b>12:00-13:00</b>	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel*
<b>13:00-14:00</b>	Counselling for risky behaviours and counselling in adolescents: Smoking	Dr. Çiğdem Apaydın Kaya*
<b>Thursday</b>	<b>14 May</b>	
<b>09:00-10:00</b>	Restrictive lung diseases	Dr. Berrin Ceyhan*
<b>10:00-11:00</b>	Sarcoidosis	Dr. Berrin Ceyhan*
<b>11:00-12:00</b>	Paranasal sinus diseases	Dr. Selçuk İnanlı*
<b>12:00-13:00</b>	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir*
<b>13:00-14:00</b>	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir*

	<b>May 18<sup>th</sup>- May 22<sup>nd</sup> Week</b>	
<b>Monday</b>	<b>18 May</b>	
<b>09:00-10:00</b>	Spirometry workshop	Dr. Berrin Ceyhan*
<b>10:00-11:00</b>	Pleural diseases	Dr. Berrin Ceyhan*
<b>11:00-12:00</b>	Diseases of upper airways	Dr. Zeliha Leyla Cinel*
<b>12:00-13:00</b>	Diseases of upper airways	Dr. Zeliha Leyla Cinel*
<b>13:00-14:00</b>	Control of tuberculosis in primary care	Dr. Ahmet Topuzoğlu*
<b>Wednesday</b>	<b>20 May</b>	
<b>11:00-12:00</b>	Case (RESPIRATORY DISEASES)	Dr. Turgay Hüseyin Çelikel*
<b>12:00-13:00</b>	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel*
<b>13:00-14:00</b>	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel*
<b>Thursday</b>	<b>21 May</b>	
<b>09:00-10:00</b>	Approach to adult patient with persistent cough	Dr. Gülru Pemra Ünalın*
<b>10:00-11:00</b>	Pathology of chronic obstructive pulmonary diseases	Dr. Emine Bozkurtlar*
<b>11:00-12:00</b>	Pathology of chronic obstructive pulmonary diseases	Dr. Emine Bozkurtlar*
<b>Friday</b>	<b>22 May</b>	
<b>10:00-11:00</b>	<b>Y2C4 PBL Session 2</b>	Dr. Nevin Yılmaz** Dr. Amber Eker** Dr.Berfu Öngün**
<b>11:00-12:00</b>		Dr. Nilüfer Güzoğlu** Dr. H. Eren Sakallı**

	<b>May 25<sup>th</sup>- May 29<sup>th</sup> Week</b>	
<b>Wednesday</b>	<b>27 May</b>	
<b>09:00-10:00</b>	Viral and fungal diseases of the lung	Dr. Emine Bozkurtlar*

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10:00-11:00	Bacterial pneumonias and lung abscess	Dr. Emine Bozkurtlar*
11:00-12:00	Larynx and oropharyngeal diseases	Dr. Ali Cemal Yumuşakhuylu*
12:00-13:00	Effects of tobacco on human health	Dr. Elif Dağlı*
13:00-14:00	Childhood tuberculosis	Dr. Elif Dağlı*
<b>Thursday 28 May</b>		
09:00-10:00	Effects of increased lung pressure	Dr. Pınar Mega Tiber*
10:00-11:00	Lung cancer	Dr. Turgay Hüseyin Çelikel*
11:00-12:00	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel*
12:00-13:00	Neoplastic diseases of the lung	Dr. Rengin Asiye Ahıskalı*
13:00-14:00	Neoplastic diseases of the lung	Dr. Rengin Asiye Ahıskalı*
<b>Friday 29 May</b>		
09:00-10:00	Biophysics of ventilation	Dr. Pınar Mega Tiber*
10:00-11:00	Principles of gas exchange	Dr. Pınar Mega Tiber*
11:00-12:00	<b>Y2C4 PBL Session 3</b>	Dr. Nevin Yılmaz** Dr. Amber Eker** Dr. Berfu Öngün**
12:00-13:00		Dr. Nilüfer Güzoğlu** Dr. H. Eren Sakallı**

<b>June 01<sup>st</sup> - June 05<sup>th</sup> Week</b>		
<b>Monday 01 June</b>		
09:00-10:00	Otitis media and complications	Dr. Abdullah Çağlar Batman*
10:00-11:00	Tumors of pleura and mediastinum	Dr. Rengin Asiye Ahıskalı*
11:00-12:00	Lower respiratory tract infections	Dr. Volkan Korten*
12:00-13:00	Pneumonia	Dr. Volkan Korten*
13:00-14:00	Pneumonia	Dr. Volkan Korten*
<b>Tuesday 02 June</b>		
09:00-10:00	Pathology of pulmonary circulation	Dr. Çiğdem Ataizi Çelikel*
10:00-11:00	Diffuse interstitial lung diseases	Dr. Çiğdem Ataizi Çelikel*
11:00-12:00	Radiological examination of the chest	Dr. Nuri Çagatay Çimşit*
12:00-13:00	Arterial blood gas analysis	Dr. Emel Eryüksel*
<b>Wednesday 03 June</b>		
09:00-10:00	Approach to dyspnea in primary care	Dr. Çiğdem Apaydın Kaya*
10:00-11:00	Sleep apnea syndrome	Dr. Sait Karakurt*
11:00-12:00	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt*
12:00-13:00	Rational use of antibiotics in respiratory diseases	Dr. Elif Tigen*
13:00-14:00	<b>Y2C4 PBL Session 4</b>	Dr. Nevin Yılmaz** Dr. Amber Eker** Dr. Berfu Öngün**
14:00-15:00		Dr. Nilüfer Güzoğlu** Dr. H. Eren Sakallı**

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<b>Thursday 04 June</b>		
09:00-10:00	Occupational asthma	Dr. Emel Eryüksel*
10:00-11:00	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel*
11:00-12:00	Respiratory Failure	Dr. Sait Karakurt*
12:00-13:00	A patient with cough and fever	Dr. Sait Karakurt*
13:00-14:00	Microbiological approach to respiratory tract infections	Dr. Zeynep Arzu İlki*
14:00-15:00	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Eren Sakallı**
15:00-16:00	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı**
16:00-17:00	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı**
<b>Friday 05 June</b>		
09:00-10:00	Bronchial hyperreactivity and asthma	Dr. Ela Erdem Eralp*
10:00-11:00	Bronchial hyperreactivity and asthma	Dr. Ela Erdem Eralp*
11:00-12:00	Patient education in chronic diseases: asthma as an example	Dr. Saliha Serap Çifçili*
12:00-13:00	Occupational / environmental lung diseases	Dr. Çiğdem Ataizi Çelikel*

<b>June 08<sup>th</sup> - June 12<sup>th</sup> Week</b>		
<b>Monday 08 June</b>		
09:00-10:00	Molecular mechanisms in lung cancer	Dr. Ahmet İlder Güney*
10:00-11:00	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Zafer Gören*
11:00-12:00	Ventilation - perfusion scintigraphy	Dr. Tanju Yusuf Erdil*
12:00-13:00	Approach to adult patient with persistent cough	Dr. Gülru Pemra Ünalın*

### LECTURERS

Abdullah Çağlar Batman, Prof., Otorhinolaryngology  
Ahmet İlder Güney, Assist. Prof., Medical Genetics  
Ahmet Topuzoğlu, Prof., Public Health  
Ali Cemal Yumuşakhuylu, Assoc. Prof., Otorhinolaryngology  
Alper Yıldırım, Assoc. Prof., Physiology  
Aymelek Yalın, Prof., Anatomy  
Ayşegül Karahasan, Prof., Microbiology  
Berrak Yegen, Prof., Physiology  
Berrin Ceyhan, Prof., Pulmonary Medicine  
Çiğdem Apaydın Kaya, Assoc. Prof., Family Medicine  
Çiğdem Ataizi Çelikel, Prof., Pathology  
Ela Erdem Eralp, Assoc. Prof., Pediatric Pulmonary  
Elif Dağlı, Prof., Pediatric Pulmonary  
Elif Tigen, Assoc. Prof., Infectious Diseases  
Emel Eryüksel, Prof., Pulmonary Medicine  
Emine Bozkurtlar, Assist. Prof., Medical Pathology  
Gülru Pemra Ünalın, Prof., Family Medicine  
Halil Eren Sakallı, Assist. Prof., Pharmacology  
Hülya Cabadak, Prof., Biophysics  
Masoud Afshani, Assist. Prof., Histology and Embryology  
Nuri Çagatay Çimşit, Prof., Radiology  
Önder Şirikçi, Prof., Medical Biochemistry  
Özgür Kasımay Çakır, Assoc. Prof., Physiology  
Özlem Tuğçe Kaya, Inst., Histology and Embryology  
Pınar Mega Tiber, Assoc. Prof., Biophysics  
Rengin Asiye Ahıskalı, Prof., Medical Pathology  
Sait Karakurt, Prof., Pulmonary Diseases

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Saliha Serap Çifçili, Prof., Family Medicine  
Selçuk İnanlı, Prof., Otorhinolaryngology  
Serap Şirvancı, Prof., Histology and Embryology  
Şehnaz Olgun Yıldızeli, Assoc. Prof., Pulmonary Medicine  
Tanju Yusuf Erdil, Prof., Nuclear Medicine  
Turgay Hüseyin Çelikel, Prof., Pulmonary Medicine  
Ufuk Hasdemir, Prof., Medical Microbiology  
Ümit Süleyman Şehirli, Prof., Anatomy  
Volkan Korten, Prof., Infectious Diseases  
Yaşar İnci Alican, Prof., Medical Physiology  
Zafer Gören, Prof., Medical Pharmacology  
Zeliha Leyla Cinel, Prof., Medical Pathology