

Last update: May 28th 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

** online lecture given through MS Teams Application

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

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

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

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

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

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| | May 25th- May 29th Week | |
| Wednesday | 27 May | |
| 09:00-10:00 | 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* |
| Thursday 28 May | | |
| 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* |
| Friday 29 May | | |
| 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 | Y2C4 PBL Session 3 | Dr. Nevin Yılmaz** Dr. Amber Eker** Dr. Berfu Öngün** Dr. Nilüfer Güzoğlu** Dr. H. Eren Sakallı** |
| 12:00-13:00 | | |

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| June 01st - June 05th Week | | |
| Monday 01 June | | |
| 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 | Radiological examination of the chest | Dr. Nuri Çagatay Çimşit* |
| 13:00-14:00 | Pathology of pulmonary circulation | Dr. Çiğdem Ataizi Çelikel* |
| Tuesday 02 June | | |
| 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 | Occupational asthma | Dr. Emel Eryüksel* |
| 13:00-14:00 | Diseases of mediastinum and diaphragm | Dr. Emel Eryüksel* |
| Wednesday 03 June | | |
| 09:00-10:00 | Rational use of antibiotics in respiratory diseases | Dr. Elif Tigen* |
| 10:00-11:00 | Respiratory Failure | Dr. Sait Karakurt* |
| 11:00-12:00 | A patient with cough and fever | Dr. Sait Karakurt* |
| 12:00-13:00 | Bronchial hyperreactivity and asthma | Dr. Ela Erdem Eralp* |
| 13:00-14:00 | Bronchial hyperreactivity and asthma | Dr. Ela Erdem Eralp* |
| Thursday 04 June | | |
| 09:00-10:00 | Molecular mechanisms in lung cancer | Dr. Ahmet İlder Güney* |

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| 10:00-11:00 | Rational pharmacotherapy in respiratory tract infections and cough | Dr. Eren Sakallı** |
| 11:00-12:00 | Ventilation - perfusion scintigraphy | Dr. Tanju Yusuf Erdil* |
| 12:00-13:00 | Y2C4 PBL Session 4 | Dr. Nevin Yılmaz** |
| 13:00-14:00 | | Dr. Amber Eker** |
| | | Dr. Berfu Öngün** |
| | | Dr. Nilüfer Güzoğlu** |
| | | Dr. H. Eren Sakallı** |
| 14:00-15:00 | Pharmacotherapy of obstructive lung diseases and bronchial asthma | Dr. Eren Sakallı** |
| 15:00-16:00 | Pharmacotherapy of obstructive lung diseases and bronchial asthma | Dr. Eren Sakallı** |

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
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 Çağatay 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
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
Yaşar İnci Alican, Prof., Medical Physiology
Zafer Gören, Prof., Medical Pharmacology
Zeliha Leyla Cinel, Prof., Medical Pathology