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| **C:\Users\Namariel\Downloads\TıpF (1)\TıpF\TıpF-2.png****MARMARA UNIVERSITY SCHOOL of MEDICINE** |
| RESPIRATORY SYSTEM AND RELATED DISORDERS YEAR 2 COURSE 5May 04 – June 09, 2023 |
| **Coordinator of the Course 2.5**Prof. Alper YILDIRIM | **Coordinator of the Module 2.5**Prof. Pınar AY |
| **Year 2 Coordinators**  Prof.Özgür KASIMAY & Assist. Prof. Burak AKSU |
| **Module Coordinator**Prof. Rezzan GÜLHANAssist. Prof. Sinem YILDIZ İNANICI | **Introduction to Clinical Practice (ICP) Coordinators**Prof.Pemra CÖBEK ÜNALANProf. Serap ÇİFÇİLİ |
|  **Coordinator of Multidisciplinary Students’ Lab**.Prof. Betül YILMAZ | **Coordinator of Clinical Skills Lab.**Prof. Çiğdem APAYDIN KAYA |
|  **Coordinator of Assessment Unite**Assist. Prof. Cevdet NACAR | **Coordinator of Student Exchange Programs**Assist. Prof. Can ERZİK |
| **Vice-Chief Coordinators** |
| **Program**Prof. Oya ORUN | **Assessment** Prof. Hasan Raci YANANLI | **Students’ Affairs**Assist. Prof. Can ERZİK |
| **Chief Coordinator (Pre-Clinical Education)** Prof. Serap ŞİRVANCI | **Coordinator of Medical Education Program Evaluation and Development Commission**Prof. Harika ALPAY |
| **Vice Dean (Education)**Prof. Altuğ ÇİNÇİNProf. Hasan Raci YANANLI | **Dean** Prof. Ümit Süleyman ŞEHİRLİ |

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| MU MEDICAL SCHOOL PRE-CLINICAL EDUCATION PROGRAM |
| LEARNING OUTCOMES / COMPETENCIES1. Clinical Care: Qualified patient care and community oriented health care
2. Basic clinical skills
3. The organization and management of the patient and the patient care
4. The organization and the management of health care delivery services / system
5. Health promotion and disease prevention
6. Medical Knowledge and Evidence-Based Medicine
7. Appropriate information retrieval and management skills
8. The integration of knowledge, critical thinking and evidence-based decision making
9. Scientific methods and basic research skills
10. Professional Attitudes and Values
11. Communication skills and effective communication with patients / patient relatives
12. Interpersonal relationships and team working
13. Ethical and professional values, responsibilities
14. Individual, social and cultural values and responsibilities
15. Reflective practice and continuing development
16. Healthcare delivery systems, management and community oriented health care
17. Education and counseling
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| PHASE-1 LEARNING OBJECTIVES1. 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.
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| PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMSYear 1, Course 1: Introduction to Cell and Cellular ReplicationYear 1, Course 2: Cellular Metabolism and TransportYear 1, Course 3: Development and Organization of Human BodyYear 1, Course 4: Introduction to Nervous System and Human BehaviorYear 2, Course 1: Cell and Tissue Injury I Year 2, Course 2: Cell and Tissue Injury IIYear 2, Course 3: Hematopoietic System and Related DisordersYear 2, Course 4: Musculoskeletal, Integumentary Systems and Related DisordersYear 2, Course 5: Respiratory System and Related DisordersYear 3, Course 1: Cardiovascular System and Related DisordersYear 3, Course 2: Gastrointestinal System, Metabolism and Related DisordersYear 3, Course 3: Nervous System and Related DisordersYear 3, Course : Growth, Development, Mental Health and Related DisordersYear 3, Course 5: Urinary and Reproductive System and Related Disorders |

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| 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 occurence 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 courseCourse 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 & MODULE-2.5 |
| * Anatomy
* Biochemistry
* Biophysics
* Biostatistics
* Family Medicine
* Histology and Embryology
* Immunology
* Infectious Diseases
 | * Medical Biology
* Microbiology
* Pathology
* Physiology
* Pulmonary Medicine
* Medical Education
* Public Health
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| LECTURERS / TUTORS |
| Rengin Asiye AHISKALI, Professor of PathologyArzu AKŞİT İLKİ, Professor of MicrobiologyÇiğdem APAYDIN KAYA, Assoc. Professor of Public HealthÇiğdem ATAİZİ ÇELİKEL, Professor of Pathology Emine BOZKURTLAR, Assist. Professor of Pathology Hülya CABADAK, Professor of Biophysics Berrin CEYHAN, Professor of Pulmonary Medicine Zeliha Leyla CİNEL, Professor of Pathology Gülru Pemra CÖBELEK ÜNALAN, Professor of Family MedicineTurgay Hüseyin ÇELİKEL, Professor of Pulmonary Medicine Saliha Serap ÇİFÇİLİ, Professor of Family Medicine Nuri Çagatay ÇİMŞİT, Professor of Radiology Elif DAĞLI, Professor of PediatricsNecati ENVER, Assist. Professor of OtolaryngologyEla ERDEM ERALP, Professor of Child Health & Diseases Emel ERYÜKSEL, Professor of Pulmonary MedicineZafer GÖREN, Professor of Pharmacology Rezzan GÜLHAN, Professor of Pharmacology Ahmet İlter GÜNEY, Professor of Medical GeneticsUfuk HASDEMİR, Professor of Microbiology Seyhan HIDIROĞLU, Assoc. Professor of Public Health Selçuk İNANLI, Professor of OtorhinolarygologyBülent KARADAĞ, Professor of Pediatrics | Ayşegül KARAHASAN, Professor of Microbiology Sait KARAKURT, Professor of Pulmonary Medicine Özgür KASIMAY, Professor of PhysiologyÖzlem Tuğçe KAYA, Assoc. Professor of Histology and Embryology Volkan KORTEN, Professor of Infectious Diseases Hızır KURTEL, Professor of PhysiologyPınar MEGA TİBER, Professor of Biophysics Şehnaz OLGUN YILDIZELİ, Assoc. Professor of Pulmonary MedicineOya ORUN, Professor of Biophysics Necmettin Ömer ÖZDOĞMUŞ, Assoc. Professor of Anatomy Salih ÖZGÜVEN, Assist. Professor of Nuclear MedicineÜmit Süleyman ŞEHİRLİ, Professor of Anatomy Önder ŞİRİKÇİ, Professor of Biochemistry Serap ŞİRVANCI, Professor of Histology and Embryology Elif TİGEN, Professor of Infectious DiseasesHasan Raci YANANLI, Professor of Pharmacology Berrak YEGEN, Professor of PhysiologyAlper YILDIRIM, Professor of PhysiologyAli Cemal YUMUŞAKHUYLU, Assoc. Professor of OtorhinolarygologyUmut Sabri Kasapoğlu, Assoc. Professor of Pulmonary MedicineErdem Yalçınkaya, Assist. Professor of Pulmonary MedicineHüseyin Arıkan, Assist. Professor of Pulmonary Medicine |
| 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.
* Nettler 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, Texfbook of Medical Physiology
* GINA (Global Initiative for Asthma).
* Kumar V, Abbas AK, Fausto N, Aster (Eds.) : Robbins & Cotran Pathologic basis of disease, 8th Ed.
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| SUMMARY OF THE COURSE |
| **Discipline** | **Lecture & Group Discussion** | **Multidisciplinary Lab. & Clinical Skills Lab. Practice** | **Total** |
| Anatomy | 15 | 6 | 20 |
| Biochemistry | 2 |  | 2 |
| Biophysics | 6 |  | 6 |
| Family Medicine | 3 |  | 3 |
| Histology and Embryology | 5 | 1 | 6 |
| Infectious Diseases | 4 |  | 4 |
| Microbiology | 4 | 2 | 6 |
| Medical History and Deontology | 1 |  | 1 |
| Nuclear Medicine  | 1 |  | 1 |
| Otorhinolaryngology | 3 |  | 3 |
| Pathology | 14 | 4 | 18 |
| Pediatrics | 4 |  | 4 |
| Pharmacology | 6 |  | 6 |
| Physiology | 9 | 1 | 10 |
| Public Health | 4 |  | 4 |
| Pulmonary Medicine | 23 |  | 23 |
| Radiology | 2 |  | 2 |
| Subtotal | 105 | 16 | 121 |
| Case-Based Discussion | 10 |  | 10 |
| TOTAL | 115 |  | 131 |
| ICP-2: Basic Clinical Skills, Human in Medicine (Students’ Research Activity) | 16 | 16 | 32 |
| **TOTAL** | **131** | **32** | **163** |

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| **EIGHT WEEK PROGRAM** |
|  | **THEORETICAL AND PRACTICAL SESSIONS** | **LECTURER(S)/TUTOR(S)** |
| **Week-1 (4 May – 6 May 2023)** |
|  |  |  |
| **Thursday** | **4 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | The pharynx | Dr. Özlem Kirazlı |
| 10:40-11:30 | The ideal gas law, gas mixtures  | Dr. Oya Orun |
| 11:40-12:30 | The ideal gas law, gas mixtures  | Dr. Oya Orun |
|  |  |  |
| 13:40-14:30 | The larynx  | Dr. Ümit Süleyman Şehirli |
| 14:40-15:30 | The larynx | Dr. Ümit Süleyman Şehirli |
| 15:40-16:30 | Development of the respiratory system | Dr. Serap Şirvancı |
| 16:40-17:30 | Development of the respiratory system | Dr. Serap Şirvancı |
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| **Friday** | **5 May** |   |
| 08:40-09:30 | Histology of the respiratory system: Conducting airways  | Dr. Özlem Tuğçe Kaya |
| 09:40-10:30 | Histology of the respiratory system: respiratory airways | Dr. Özlem Tuğçe Kaya |
| 10:40-11:30 | Histology of the respiratory system: respiratory airways | Dr. Özlem Tuğçe Kaya |
| 11:40-12:30 | The trachea and the lungs | Dr. Ümit Süleyman Şehirli |
|  |  |  |
| 13:40-14:30 | The trachea and the lungs | Dr. Ümit Süleyman Şehirli |
| 14:40-15:30 | The thoracic wall | Dr. Necmettin Ömer Özdoğmuş |
| 15:40-16:30 | The thoracic wall | Dr. Necmettin Ömer Özdoğmuş |
| 16:40-17:30 |  |  |
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| **Saturday** | **6 May** |  |
|  | ICP-BCS EXAM (ONLINE) |  |
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| **Week-2 (8 May – 12 May 2023)** |
| **Monday** | **8 May** |   |
| 08:40-09:30 | The diaphragm | Dr. Ümit Süleyman Şehirli |
| 09:40-10:30 | The mediastinum | Dr. Ümit Süleyman Şehirli |
| 10:40-11:30 | The mediastinum | Dr. Necmettin Ömer Özdoğmuş |
| 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 | Anatomy LAB: The pharynx | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: The pharynx | Anatomy Lab. |
| 16:40-17:30 | Parameters of gas exchange in lungs and lung imaging  | Dr. Hülya Cabadak |
| 17:40-18:30 | Elective Course |  |
|  |  |  |
| **Tuesday** | **9 May** |   |
| 08:40-09:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 09:40-10:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 10:40-11:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 11:40-12:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
|  |  |  |
| 13:40-14:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 14:40-15:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 15:40-16:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
| 16:40-17:30 | ICP-2: Basic Clinical Skills-Human in Medicine- Students Research Activity-2 |  |
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| **Wednesday** | **10 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Diffusion of gases  | Dr. Özgür Kasımay |
| 10:40-11:30 |  |  |
| 11:40-12:30 | Effects of increased lung pressure | Dr. Pınar Mega Tiber |
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| 13:40-14:30 | Anatomy LAB: The larynx | Anatomy Lab. |
| 14:40-15:30 | Signs and symptoms in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 15:40-16:30 | Signs and symptoms in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 16:40-17:30 | Introduction to autonomic nervous system pharmacology  | Dr. Zafer Gören |
| 17:40-18:30 | Elective Course |  |
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| **Thursday** | **11 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 | Microbiological approach to respiratory tract infections | Dr. Arzu Akşit İlki |
|  |  |  |
| 13:40-14:30 | Principles of physical examination and signs in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 14:40-15:30 | Principles of physical examination and signs in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 15:40-16:30 | Air pollution and its adverse effects on health | Dr. Dilşad Save |
| 16:40-17:30 | Environmental and occupational causes of lung diseases | Dr. Dilşad Save |
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| **Friday** | **12 May** |   |
| 08:40-09:30 | Pulmonary tuberculosis | Dr. Emel Eryüksel |
| 09:40-10:30 | Pulmonary tuberculosis | Dr. Emel Eryüksel |
| 10:40-11:30 | Anatomy LAB: The trachea and the lungs / Histology LAB: The Respiratory System | Anatomy Lab. Histology Lab. |
| 11:40-12:30 | Anatomy LAB: The thoracic wall | Anatomy Lab. |
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| 16:40-17:30 | Upper respiratory tract infections | Dr. Ayşegül Karahasan |

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| **Week-3 (15 May – 19 May 2023)** |
| **Saturday** | **13 May** |   |
| 10:00-10:50 | The Nose (ONLINE) | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | The Nose (ONLINE) | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| **Monday** | **15 May** |   |
| 08:40-09:30 | Control of tuberculosis in primary care | Dr. Pınar Ay |
| 09:40-10:30 | Anatomy LAB: The mediastinum | Anatomy Lab. |
| 10:40-11:30 | Regulation of respiration | Dr. Hızır Kurtel |
| 11:40-12:30 | Regulation of respiration | Dr. Hızır Kurtel |
| 17:40-18:30 | Elective Course |  |
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| 13:40-14:30 | Clinical application of pulmonary function test | Dr. Sait Karakurt |
| 14:40-15:30 | Clinical application of pulmonary function test | Dr. Sait Karakurt |
| 15:40-16:30 | Pharmacotherapy in tuberculosis | Dr. Hasan Raci Yananlı |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective Course |  |
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| **Tuesday** | **16 May** |   |
|  |  |  |
| 08:40-09:30 | Counseling for risky behaviors and counseling in adolescents: Smoking | Dr. Çiğdem Apaydın Kaya |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  Transport of blood gases | Dr. Berrak Yegen |
| 11:40-12:30 |  Transport of blood gases | Dr. Berrak Yegen |
|  |  |  |
| 13:40-14:30 | Diseases of upper airways | Dr. Zeliha Leyla Cinel |
| 14:40-15:30 | Diseases of upper airways | Dr. Zeliha Leyla Cinel |
| 15:40-16:30 | Agents affecting sympathetic and parasympathetic nervous system | Dr. Zafer Gören |
| 16:40-17:30 | Agents affecting sympathetic and parasympathetic nervous system | Dr. Zafer Gören |
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| 19:40-20:30 | Epidemiology of airborne diseases (ONLINE) | Dr. Dilşad Save |
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| **Wednesday** | **17 May** |   |
| 08:40-09:30 | Paranasal sinus diseases | Dr. Selçuk İnanlı |
| 09:40-10:30 | Otitis media and complications | Dr. Abdullah Çağlar Batman |
| 10:40-11:30 | Larynx and orophayngeal diseases | Dr. Ali Cemal Yumuşakhuylu |
| 11:40-12:30 | Influenza and common cold  | Dr. Ufuk Hasdemir |
|  |  |  |
| 13:40-14:30 | Respiratory infections due to mycobacteria and related bacteria | Dr. Ufuk Hasdemir |
| 14:40-15:30 | Respiratory infections due to mycobacteria and related bacteria | Dr. Ufuk Hasdemir |
| 15:40-16:30 | Viral and fungal diseases of the lung | Dr. Emine Bozkurtlar |
| 16:40-17:30 | Bacterial pneumonias and lung abscess | Dr. Emine Bozkurtlar |
| 17:40-18:30 | Elective Course |  |
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| **Thursday** | **18 May** |   |
| 08:40-09:30 | Restrictive lung diseases | Dr. Hüseyin Arıkan |
| 09:40-10:30 | Spirometry workshop | Dr. Hüseyin Arıkan |
| 10:40-11:30 | Neoplastic diseases of the lung | Dr. Rengin Asiye Ahıskalı |
| 11:40-12:30 | Neoplastic diseases of the lung | Dr. Rengin Asiye Ahıskalı |
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| 13:40-14:30 | Sarcoidosis | Dr. Berrin Ceyhan |
| 14:40-15:30 | Pleural diseases | Dr. Berrin Ceyhan |
| 15:40-16:30 | Occupational / environmental lung diseases | Dr. Çiğdem Ataizi Çelikel |
| 16:40-17:30 | Diffuse interstitial lung diseases | Dr. Çiğdem Ataizi Çelikel |
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| **Friday** | **19 May** |   |
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|  | **the Commemoration of Atatürk Youth and Sports Day** |  |
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| **Saturday** | **20 May** |  |
| 09:00-09:40 | Buffer systems (ONLINE) | Dr. Önder Şirikçi |
| 09:50-10:40 | Buffer systems (ONLINE) | Dr. Önder Şirikçi |
| 10:50-11:40 | Buffering function of the lungs (ONLINE) | Dr. Alper Yıldırım |
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| **Week-4 (05 June – 09 June 2023)** |
| **Monday** | **05 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
| 17:40-18:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Tuesday** | **06 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Wednesday** | **07 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Thursday** | **08 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| **14:30** | **Y2C5 THEORETICAL EXAM** | **ONLINE** |
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| **Friday** | **09 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Week-5 (12 June – 16 June 2023)** |
| **Monday** | **12 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
| 17:40-18:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Tuesday** | **13 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Wednesday** | **14 June** |   |
| **10:00** | **ICP BCS EXAM** | **ONLINE** |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Thursday** | **15 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 |  |  |
| 15:40-16:30 |  |  |
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| **Friday** | **16 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
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| **Week-4 (22 May – 27 May 2023)** |
| **Monday** | **22 May** |   |
| 08:40-09:30 | Rational use of antibiotics in respiratory diseases | Dr. Elif Tigen |
| 09:40-10:30 | Case ( RESPIRATORY DISEASES) | Dr. Turgay Hüseyin Çelikel |
| 10:40-11:30 | Lung cancer | Dr. Turgay Hüseyin Çelikel |
| 11:40-12:30 |  Pulmonary thromboembolism | Dr. Turgay Hüseyin Çelikel |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Tumors of pleura and mediastinum | Dr. Rengin Asiye Ahıskalı |
| 15:40-16:30 | Bronchial hyperreactivity and asthma | Dr. Ela Erdem Eralp |
| 16:40-17:30 | Bronchial hyperreactivity and asthma | Dr. Ela Erdem Eralp |
| 17:40-18:30 | Elective Course |  |
|  |  |  |
| **Tuesday** | **23 May** |   |
| 08:40-09:30 | Chronic obstructive lung diseases | Dr. Turgay Hüseyin Çelikel |
| 09:40-10:30 | Chronic obstructive lung diseases | Dr. Turgay Hüseyin Çelikel |
| 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 | Modül | Dr. Pınar Ay |
| 14:40-15:30 | Modül | Dr. Pınar Ay |
| 15:40-16:30 | Modül | Dr. Pınar Ay |
| 16:40-17:30 | Modül | Dr. Pınar Ay |
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| **Wednesday** | **24 May** |   |
| 08:40-09:30 | Oxygen and nebulization therapy; mechanical ventilation | Dr. Sait Karakurt |
| 09:40-10:30 | Sleep apnea syndrome | Dr. Umut Sabri Kasapoğlu |
| 10:40-11:30 | Approach to dyspnea in primary care | Dr. Çiğdem Apaydın Kaya |
| 11:40-12:30 | Arterial blood gas analysis | Dr. Emel Eryüksel |
|  |  |  |
| 13:40-14:30 | Modül | Dr. Pınar Ay |
| 14:40-15:30 | Modül | Dr. Pınar Ay |
| 15:40-16:30 | Modül | Dr. Pınar Ay |
| 16:40-17:30 | Modül | Dr. Pınar Ay |
| 17:40-18:30 | Elective Course |  |
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| **Thursday** | **25 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
|  | **MASCO** |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Friday** | **26 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
|  | **MASCO** |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Week-5 (29 May – 2 June 2023)** |
| **Monday** | **29 May** |   |
| 08:40-09:30 | Modül | Dr. Pınar Ay |
| 09:40-10:30 | Modül | Dr. Pınar Ay |
| 10:40-11:30 | Modül | Dr. Pınar Ay |
| 11:40-12:30 | Modül | Dr. Pınar Ay |
|  |  |  |
| 13:40-14:30 | Physiology LAB: Pulmonary function 1 & 2  |  |
| 14:40-15:30 | Pathology of chronic obstructive pulmonary diseases | Dr. Emine Bozkurtlar |
| 15:40-16:30 | Pathology of chronic obstructive pulmonary diseases | Dr. Emine Bozkurtlar |
| 16:40-17:30 | Patient education in chronic diseases: asthma as an example | Dr. Saliha Serap Çifçili |
| 17:40-18:30 | Elective Course |  |
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| **Tuesday** | **30 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections Group A |  |
| 11:40-12:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections Group A |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Wednesday** | **31 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Physiology of deep sea diving, aviation, space and high altitude | Dr. Özgür Kasımay |
| 10:40-11:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections Group B |  |
| 11:40-12:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections Group B |  |
|  |  |  |
| 13:40-14:30 | Approach to adult patient with persistent cough | Dr. Pemra Cöbek Ünalan |
| 14:40-15:30 | Pulmonary tuberculosis | Dr. Rengin Asiye Ahıskalı |
| 15:40-16:30 | Pulmonary tuberculosis | Dr. Rengin Asiye Ahıskalı |
| 16:40-17:30 | Rational pharmacotherapy in respiratory tract infections and cough | Dr. Zafer Gören |
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| **Thursday** | **01 June** |   |
| 08:40-09:30 | Modül | Dr. Pınar Ay |
| 09:40-10:30 | Modül | Dr. Pınar Ay |
| 10:40-11:30 | Modül | Dr. Pınar Ay |
| 11:40-12:30 | Modül | Dr. Pınar Ay |
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| 13:40-14:30 | Respiratory Failure | Dr. Umut Sabri Kasapoğlu |
| 14:40-15:30 | A patient with cough and fever | Dr. Sait Karakurt |
| 15:40-16:30 | Ventilation - perfusion scintigraphy | Dr. Tanju Yusuf Erdil |
| 16:40-17:30 | Lower respiratory tract infections | Dr. Volkan Korten |
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| 20:30-21:30 | ICP 2 social concepts exam (ONLINE) |  |
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| **Friday** | **02 June** |   |
| 08:40-09:30 | Effects of tobacco on human health | Dr. Bülent Taner Karadağ |
| 09:40-10:30 | Childhood tuberculosis | Dr. Bülent Taner Karadağ |
| 10:40-11:30 | Occupational asthma | Dr. Erdem Yalçınkaya |
| 11:40-12:30 | Diseases of mediastinum and diaphragm | Dr. Erdem Yalçınkaya |
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| 13:40-14:30 | Radiological examination of the chest | Dr. Nuri Çagatay Çimşit |
| 14:40-15:30 | Radiological examination of the chest | Dr. Nuri Çagatay Çimşit |
| 15:40-16:30 | Genetics of pulmonary disorders | Dr. Ahmet İlter Güney |
| 16:40-17:30 | Molecular mechanisms in lung cancer | Dr. Ahmet İlter Güney |
| 17:40-18:30 | Elective Course |  |

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| **Week-6 (5 June – 9 June 2023)** |
| **Monday** | **5 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
|  |  |  |
| 13:40-14:30 | Pneumonia | Dr. Volkan Korten |
| 14:40-15:30 | Pneumonia | Dr. Volkan Korten |
| 15:40-16:30 | Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum |  |
| 16:40-17:30 |  Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum |  |
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| **Tuesday** | **6 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Wednesday** | **7 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Thursday** | **8 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
|  | **Y2C5 THEORETICAL EXAM** |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
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| **Friday** | **9 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |