

GAZI UNIVERSITY FACULTY OF MEDICINE
YEAR III 2023-2024
RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE
November 08, 2023-December 08, 2023
Exam: December 11, 2023

Courses	Theoretical	Practice	Panel	Total
Medical Pathology	19			19
Medical Pharmacology	25		1	26
Cardiology	12		1	12
Child Health and Disease Ped.Cardiology Ped.Chest Diseases Neonatology	16 13 2 1			15
Medical Microbiology	8	1X8		9
Chest Diseases	6		1	6
Ear Nose Throat	5			5
Radiology	3			3
Anaesthesia and Reanimation	2			4
Medical Biochemistry	2			2
Nuclear Medicine	2			2
Public Health	1			1
TOTAL	103	1	1	105
Clinical Skill Education		2X4		8
Elective Course	10			10
Medical English	10			10
Exam Analysis and Feedback	1			1
Total	21	8		29
Free Run-Time				38

Medical English (face-to-face): Starting from October 04, 2023. It is every Wednesday between 1.30 pm and 3.20 pm.

Elective Course: Starting from October 04, 2023. It is every Wednesday between 3.30 pm and 5.20 pm.

Free run time definition: Individual studying courses intended for learning objectives (clinical skills education, problem based learning, etc.) in accordance with the present committee.

Dean	Prof.Dr. Alper CEYLAN
Vice Dean	Assoc.Prof.Dr. Nazmi Mutlu KARAKAŞ
Vice Dean	Assoc.Prof.Dr. Asiye UĞRAŞ DİKMEN
Head Coordinator	Prof.Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator (Eng)	Prof.Dr. M.Ali ERGÜN
IIIrd year Coordinator	Assoc.Prof.Dr. Hale Zeynep BATUR ÇAĞLAYAN
Assistant IIIrd year Coordinator	Assoc.Prof.Dr.Ergin DİLEKÖZ
Assistant IIIrd year Coordinator	Asist.Prof.Dr. Burak SEZENÖZ
Assistant IIIrd year Coordinator	Asist.Prof.Dr. Mehmet Arda İNAN
Assistant IIIrd year Coordinator	Asist.Prof.Dr. Esra ERKOÇ ATAOĞLU
Assistant IIIrd year Coordinator	Asist.Prof.Dr. Kamil İNCİ
Clinical Skills Education (CSE) Coordinator	Prof.Dr.Nurten İNAN
Problem Based Learning (PBL) Coordinator	Prof.Dr.Deniz KARÇALTINCABA
Evidence Based Medicine (EBM) Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc.Prof.Dr.Ergin DİLEKÖZ
Medical English	Lecturer Elif KONAK BABAL

Members of Committee

Child Health and Diseases	Medical Pathology	Cardiology		
Dr. Deniz OĞUZ Dr. Ayşe ASLAN Dr. Ebru ERGENEKON Dr.Fatma CANBEYLİ	Dr. Nalan AKYÜREK Dr. İpek Işık GÖNÜL Dr. Özgür EKİNCİ Dr. Emine ŞAMDANCI	Dr.H. Murat ÖZDEMİR Dr. Adnan ABACI Dr.Asife ŞAHİNARSLAN Dr M Kadri AKBOĞA Dr. Emrullah KIZILTUNÇ Dr. Burak SEZENÖZ Dr. Mustafa CANDEMİR		
Chest Disease	Public Health	ENT		
Dr.Gül GÜRSEL Dr. Nurdan KÖKTÜRK Dr. Müge AYDOĞDU Dr Nilgün Yılmaz DEMİRCİ Dr. Nevin Taci HOCA	Dr. Hakan TÜZÜN	Dr. Mehmet Birol UĞUR Dr.Hakan TUTAR Dr. Mehmet DÜZLÜ Dr. Recep KARAMERT Dr. Süleyman CEBECİ Dr. Muammer Melih ŞAHİN		
Medical Microbiology	Radiology	Medical Pharmacology	Anesthesiology	Medical Biochemistry
Dr.Kayhan ÇAĞLAR Dr. Ayşe KALKANCI Dr.Şahin ERGANIS Dr. E.A.ŞAHİN	Dr. Erhan ILGIT Dr. Gonca ERBAŞ Dr. H.Koray KILIÇ	Dr. Canan ULUOĞLU Dr. Süreyya BARUN Dr. Ergin DİLEKÖZ	Dr. Nurdan BEDİRLİ	Dr.Neslihan BUKAN
Nuclear Medicine				
Dr. Ü.Özgür AKDEMİR				

AIM AND LEARNING OBJECTIVES OF COURSE

Aim: At the end of committee course, the students are expected to increase their knowledge of prevalence, importance, underlying mechanisms, diagnostic methods, therapeutic agents and their mechanisms of effect, regarding respiratory and circulatory system diseases.

Learning Objectives:

Knowledge:

1. To be able to comprehend the prevalence and importance of respiratory and circulatory system diseases.
2. To be able to list viral, bacterial and fungal infectious agents causing respiratory tract infections and to distinguish their differences
3. To be able to understand pathophysiology and symptomatology of upper and lower respiratory tract diseases
4. To be able to describe the symptomatology of upper respiratory problems such as dysphonia, nasal congestion/stuffiness, and obstruction.
5. To be able to understand the pathophysiology and symptomatology of ear pain and ear discharge.
6. To be able to classify larynx and pharynx diseases and lymphoid tissue pathologies.
7. To be able to understand the pharmacology of the autonomic nervous system.
8. To be able to recite the names, effects, mechanisms of action, indications and contraindications of sympathomimetic, sympatholytic, parasympathomimetic and parasympatholytic drugs.
9. To be able to enumerate the steps of respiratory and circulatory system examination and approach to the patient.
10. To be able to define the pathophysiology of infectious diseases and circulatory disorders of the lung.
11. To be able to interpret obstructive pulmonary diseases, tuberculosis and lung tumors in a multi-faceted manner.
12. To be able to explain the pathology of mediastinal diseases and accomplish the radiological evaluation.
13. To be able to define normal heart sounds, cyanosis and murmurs and evaluate their clinical significance.
14. To be able to define fetal circulation and newborn circulation and to distinguish their differences.
15. To be able to define cardiac pathologies and problems clinically and to make differential diagnosis in adults and children.

16. To be able to define the physiopathology and clinical and radiological findings of heart valve diseases.
17. To be able to define and comprehend the pathology of endocardial, myocardial and pericardial diseases.
18. To be able to comprehend physiopathology of heart failure and to define its symptoms.
19. To be able to recite the importance, diagnosis, complications, treatment options and ways of protection of hypertension.
20. To be able to explain the etiopathogenesis, diagnosis and treatment of vascular diseases.
21. To be able to explain the effects, pharmacokinetics, pharmacodynamics, indications, contraindications, adverse effects and drug interactions of the drugs used in the treatment of circulatory and respiratory system diseases.
22. To be able to understand physiopathology and symptomatology of coronary circulation and coronary artery diseases.
23. To be able to define and enumerate biochemical tests used in the diagnosis and follow-up of the heart diseases.
24. To be able to describe and enumerate the steps of cardiopulmonary resuscitation.

Skills:

25. To be able to constitute an appropriate and effective communication with patients, patient relatives and health personnel, to be able to choose and administer the necessary basic inspection and diagnostic means
26. To be able to carry out the laboratory diagnosis of infectious microbial agents of respiratory tract.

Attitude:

27. Understanding the importance of respiratory and circulatory system diseases and developing preventive medicine perspective.
28. Being able to diagnose and make the differential diagnosis of diseases/symptoms and comprehend the significance.
29. Being able to comprehend the significance of delivering life support.
30. Internalizing the importance of life long self-learning with the contribution of PBL sessions.

			08.11.2023 WEDNESDAY	09.11.2023 THURSDAY	10.11.2023 FRIDAY
08:30- 09:20			Management of Otalgia and otorrhea Dr. R. Karamert	<i>Free run time</i>	<i>Free run time</i>
09:30- 10:20			Clinical respiratory physiology Dr. N. Köktürk	Exam Analysis and Feedback Year III Coordinator	<i>Free run time</i>
10:30- 11:20			Approach to the patient with cough and sputum Dr. M. Aydoğdu	Bacterial agents of the respiratory tract infection 1: Corynebacterium Dr. A. Kalkancı	Symptoms of sinonasal disease Dr. M.M. Şahin
11:30- 12:20			Approach to the patient with hemoptysis Dr. M. Aydoğdu	Bacterial agents of the respiratory tract infection 2: Actinomycetes, Nocardia Dr. K. Çağlar	<i>Free run time</i>
13:30- 14:20		MEDICAL ENGLISH	Physiopathology of Hearing Dr. H.Tutar	Symptoms of oral cavity and pharynx disease Dr. S. Cebeci	
14:30- 15:20		MEDICAL ENGLISH	Physiopathology of Vestibular system Dr. M.B.Uğur	Symptomatology of the head and neck masses Dr. S. Cebeci	
15:30- 16:20		ELECTIVE COURSE	Defence mechanisms of respiratory system Dr. N.T. Hoca	<i>Free run time</i>	
16:30- 17:20		ELECTIVE COURSE	<i>Free run time</i>	<i>Free run time</i>	

	13.11.2023 MONDAY	14.11.2023 TUESDAY	15.11.2023 WEDNESDAY	16.11.2023 THURSDAY	17.11.2023 FRIDAY
08:30-09:20	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>	Pathology of mediastinal and pleural diseases Dr.N.Akyürek	<i>Free run time</i>
09:30-10:20	Viral agents of the respiratory tract infection 2: Orthomyxoviruses Dr.E.A.Şahin	Obstructive lung diseases Dr. N. Akyürek	<i>Free run time</i>	Pulmonary tuberculosis Dr. N. Akyürek	Introduction to autonomic pharmacology Dr.S. Barun
10:30-11:20	Drugs used in treatment of respiratory disorders Dr.E. Dileköz	Obstructive lung diseases Dr. N. Akyürek	Bacterial agents of the respiratory tract infection 3: Mycobacterium Dr. S.Erganiş	Drugs used in tuberculosis Dr.E. Dileköz	Neonatal respiratory failure Dr.E.Ergenekon
11:30-12:20	Drugs used in treatment of respiratory disorders Dr.E. Dileköz	Nonspecific lung infections Dr. Ö. Ekinci	Bacterial agents of the respiratory tract infection 3: Mycobacterium Dr. S.Erganiş	Drugs used in tuberculosis Dr.E. Dileköz	Systemic mycoses Dr.A. Kalkancı
13:30-14:20	Upper airway obstruction and laryngeal diseases Dr. M. Düzlü	Symptomatology of the respiratory system in childhood Dr. A. Aslan	MEDICAL ENGLİSH	Pathology of upper airways and larynx diseases Dr. Ö. Ekinci	<i>Free run time</i>
14:30-15:20	Radiologic imaging in pleural and mediastinal diseases Dr.G.Erbaş	Symptomatology of the respiratory system in childhood Dr. A. Aslan	MEDICAL ENGLİSH	Pulmonary vascular disease Dr.Ö. Ekinci	<i>Free run time</i>
15:30-16:20	<i>Free run time</i>	<i>Free run time</i>	ELECTIVE COURSE	Pulmonary vascular disease Dr.Ö. Ekinci	<i>Free run time</i>
16:30-17:20	<i>Free run time</i>	<i>Free run time</i>	ELECTIVE COURSE	<i>Free run time</i>	<i>Free run time</i>

	20.11.2023 MONDAY	21.11.2023 TUESDAY	22.11.2023 WEDNESDAY	23.11.2023 THURSDAY	24.11.2023 FRIDAY
08:30-09:20	Approach to the patient with chest pain Dr.N.Y. Demirci	<i>Free run time</i>	Physiopathology of cardiac failure: Child Dr.F.Canbeyli	<i>Free run time</i>	Endocardial diseases Dr.F.Canbeyli
09:30-10:20	Lung tumors Dr. N. Akyürek	Drug affecting autonomic ganglia Dr.S. Barun	Cyanosis Dr.F.Canbeyli	Ischemic heart disease Dr. İ. Gönül	Myocardial diseases Dr.F.Canbeyli
10:30-11:20	Pneumoconiosis Dr. N. Akyürek	Pulmonary radiology Dr.H.K.Kılıç	Endocardial and rheumatic heart disease pathology Dr. İ. Gönül	Ischemic heart disease Dr. İ. Gönül	Heart sounds and murmurs Dr. D. Oğuz
11:30-12:20	Approach to the patient with dyspnea Dr. G. Gürsel	<i>Free run time</i>	Endocardial and rheumatic heart disease pathology Dr. İ. Gönül	Epidemiology of Respiratory and Circulation System Diseases Dr. H. Tüzün	Heart sounds and murmurs-Audiovisual demonstration Dr. D. Oğuz
13:30-14:20	Cholinceptor activating cholinesterase inhibiting drugs Dr.S. Barun	Bacterial agents of the respiratory tract infection 4: Bordatella, Francisella, Legionella Dr.A. Kalkancı	MEDICAL ENGLISH	Heart sounds and murmurs Dr. D. Oğuz	Heart valve diseases Dr. A. Şahinarslan
14:30-15:20	Cholinceptor activating cholinesterase inhibiting drugs Dr.S. Barun	Viral agents of the respiratory tract infection 1: Paramyxoviruses, Poxviruses Dr.A. Kalkancı	MEDICAL ENGLISH	Heart sounds and murmurs Dr. D. Oğuz	Heart valve diseases Dr. A. Şahinarslan
15:30-16:20	Cholinceptor blocking drugs Dr.S. Barun	Pulmonary system and nuclear medicine Dr.Ü.Ö.Akdemir	ELECTIVE COURSE	Heart sounds and murmurs Dr. D. Oğuz	Pathology of myocardial and pericardial diseases E.Şamdançıcı
16:30-17:20	<i>Free run time</i>	<i>Free run time</i>	ELECTIVE COURSE	<i>Free run time</i>	Pathology of myocardial and pericardial diseases E.Şamdançıcı

	27.11.2023 MONDAY	28.11.2023 TUESDAY	29.11.2023 WEDNESDAY	30.11.2023 THURSDAY	01.12.2023 FRIDAY
08:30-09:20	CLINICAL SKILLS EDUCATION (CSE)	LABORATORY MICROBIOLOGY MICOBACTERIUM	<i>Free run time</i>	<i>Free run time</i>	Coronary circulation and coronary artery diseases Dr. M.K. Akboğa
09:30-10:20			Fetal circulation and neonatal adaptation Dr. D. Oğuz	Drugs used in heart failure Dr.C.Uluoğlu	Coronary circulation and coronary artery diseases Dr. M.K. Akboğa
10:30-11:20			Congenital heart diseases -cyanotic Dr. D. Oğuz	Drugs used in heart failure Dr.C. Uluoğlu	Pathology of blood vessels Dr. İ. Gönül
11:30-12:20			Congenital heart diseases - acyanotic Dr. D. Oğuz	Radiology of the cardiovascular system Dr.E.Ilgit	Pathology of blood vessels Dr. İ. Gönül
13:30-14:20	CLINICAL SKILLS EDUCATION (CSE)	LABORATORY MICROBIOLOGY MICOBACTERIUM	MEDICAL ENGLİSH	Physiopathology of cardiac failure: Adult Dr. A. Abacı	Pathology of blood vessels Dr. İ. Gönül
14:30-15:20			MEDICAL ENGLİSH	Adrenoceptor blocking drugs Dr.E. Dileküz	Peripheric vasodilators Dr.C.Uluoğlu
15:30-16:20			ELECTIVE COURSE	Adrenoceptor blocking drugs Dr.E. Dileküz	<i>Free run time</i>
16:30-17:20			ELECTIVE COURSE	<i>Free run time</i>	<i>Free run time</i>

	04.12.2023 MONDAY	05.12.2023 TUESDAY	06.12.2023 WEDNESDAY	07.12.2023 THURSDAY	08.12.2023 FRIDAY
08:30-09:20	<i>Free run time</i>	Drugs used in cardiac arrhythmias Dr.C.Uluoğlu	Arrhythmias Dr. B. Sezenöz	Cardiopulmonary resuscitation Dr. N. Bedirli	<i>Free run time</i>
09:30-10:20	ECG (Electrocardiography) Dr. S. Ünlü	Drugs used in cardiac arrhythmias Dr.C.Uluoğlu	Arrhythmias Dr. B. Sezenöz	Pathophysiology of shock Dr. N. Bedirli	<i>Free run time</i>
10:30-11:20	ECG (Electrocardiography) Dr. S. Ünlü	Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	Syncope Dr. M.Özdemir	Physiopathology of systemic hypertension Dr. M. Candemir	<i>Free run time</i>
11:30-12:20	Nuclear cardiology Dr.Ü.Ö.Akdemir	Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	PANEL: Pharmacological case discussion Pharmacology Chest Disease Cardiology	Cardiogenic shock Dr. E. Kızıltunç	<i>Free run time</i>
13:30-14:20	The biochemistry of atherosclerosis Dr. N.Bukan	Hypertension and regulation of blood pressure Dr.C. Uluoğlu	MEDICAL ENGLISH	Drugs used in angina pectoris Dr.C. Uluoğlu	<i>Free run time</i>
14:30-15:20	Diagnostic test in heart diseases Dr. N.Bukan	Antihypertensive agents Dr.C. Uluoğlu	MEDICAL ENGLISH	Lipid lowering drugs Dr.C.Uluoğlu	<i>Free run time</i>
15:30-16:20	Acute Rheumatic fever Dr.D.Oğuz	Antihypertensive agents Dr.C. Uluoğlu	ELECTIVE COURSE	Anticoagulants and antithrombotics Dr. E. Dileköz	<i>Free run time</i>
16:30-17:20	Acute Rheumatic fever Dr.D.Oğuz	<i>Free run time</i>	ELECTIVE COURSE	Anticoagulants and antithrombotics Dr. E. Dileköz	<i>Free run time</i>

Exam: December 11th, 2023