

**GAZI UNIVERSITY FACULTY OF MEDICINE**  
**YEAR III 2022-2023**  
**RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE**  
**November 14, 2022-December 15, 2022**  
**Exam: December 16, 2022**

Courses	Theoretical	Practice	Panel	Total
Medical Pathology	19			19
Medical Pharmacology	25		1	26
Cardiology	12		1	12
Child Health and Disease	16			15
Ped.Cardiology	13			
Ped.Chest Diseases	2			
Neonatology	1			
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	101	1	1	103
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			
<b>Medical English:</b> Starting from September 26, 2022. It is every wednesday between 1:30 pm and 3:20 pm.				
<b>Elective Course:</b> Starting from September 26, 2022. It is every wednesday between 3:30 pm and 5:20 pm.				

<b>Dean</b>	Prof.Dr. Mustafa Necmi İLHAN
<b>Vice Dean</b>	Prof.Dr. İlyas OKUR
<b>Vice Dean</b>	Prof.Dr. Özlem GÜZEL TUNÇCAN
<b>Head Coordinator</b>	Prof.Dr. Çiğdem ÖZER
<b>Assistant Head Coordinator</b>	Prof.Dr.Akif Muhtar ÖZTÜRK
<b>Assistant Head Coordinator(Eng)</b>	Prof.Dr. M.Ali ERGÜN
<b>Year III Coordinator</b>	Assoc.Prof. Dr. Nazmi Mutlu KARAKAŞ
<b>Assistant Year III Coordinator(Eng)</b>	Assoc.Prof. Dr. Ergin DİLEKÖZ
<b>Assistant Year III Coordinator(Eng)</b>	Assoc.Prof. Dr. Hale Zeynep BATUR ÇAĞLAYAN
<b>Assistant Year III Coordinator</b>	Assoc.Prof. Dr.Muhittin YALÇIN
<b>Assistant Year III Coordinator</b>	Ass. Prof. Burak SEZENÖZ
<b>Assistant Year III Coordinator</b>	Ass. Prof. Mehmet Arda İNAN

<b>Clinical Skills Education (CSE) Coordinator</b>	Prof.Dr. Melda AYBAR TÜRKOĞLU
<b>Problem Based Learning (PBL) Coordinator</b>	Prof. Dr. Özlem COŞKUN
<b>Evidence Based Medicine (EBM) Coordinator</b>	Prof.Dr. Mehmet Ali ERGÜN
<b>Elective Course Coordinator</b>	Assoc.Prof. Dr. Ergin DİLEKÖZ
<b>Medical English</b>	Lecturer Elif KONAK BABAL

#### Members of Committee

Child Health and Diseases		Medical Pathology	Cardiology	
Dr. Sedef TUNAOĞLU Dr. Deniz OĞUZ Dr. Ayşe ASLAN Dr. Ebru ERGENEKON		Dr. Nalan AKYÜREK Dr. İpek Işık GÖNÜL Dr. Özgür EKİNCİ	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				
Dr. Nurdan KÖKTÜRK Dr. Müge AYDOĞDU Dr Nilgün Yılmaz DEMİRCİ Dr. Nevin Taci HOCA		Public Health	ENT	
		Dr. Hakan TÜZÜN	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.MeltemYALINAY Dr. Ayşe KALKANCI Dr.Funda D. AL	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.

	14.11.2022 MONDAY	15.11.2022 TUESDAY	16.11.2022 WEDNESDAY	17.11.2022 THURSDAY	18.11.2022 FRIDAY
08:30-09:20	Free run time	CLINICAL SKILLS EDUCATION  (CSE)	Clinical respiratory physiology  Dr. N. Köktürk	Free run time	Pathology of  mediastinal and pleural diseases  Dr.N.Akyürek
09:30-10:20	<b>Exam Analysis and Feedback Year III Coordinator</b>		Obstructive lung diseases  Dr. N. Akyürek	Symptoms of oral cavity and pharynx disease  Dr. S. Cebeci	Pulmonary tuberculosis  Dr. N. Akyürek
10:30-11:20	Approach to the patient with cough and sputum  Dr. M. Aydoğdu		Obstructive lung diseases  Dr. N. Akyürek	Symptomatology of the respiratory system in childhood  Dr. A. Aslan	Drugs used in tuberculosis  Dr.E. Dileköz
11:30-12:20	Approach to the patient with hemoptysis  Dr. M. Aydoğdu		Nonspecific lung infections  Dr. Ö. Ekinci	Symptomatology of the respiratory system in childhood  Dr. A. Aslan	Drugs used in tuberculosis  Dr.E. Dileköz
13:30-14:20	Defence mechanisms of respiratory system  Dr. N.T. Hoca		MEDICAL ENGLISH	Free run time	<b>MEDICAL ENGLISH EXAM</b>
14:30-15:20	Bacterial agents of the respiratory tract infection 1: Corynebacterium  Dr. A. Kalkancı		MEDICAL ENGLISH	Free run time	
15:30-16:20	Bacterial agents of the respiratory tract infection 2: Actinomycetes, Nocardia  Dr. K. Çağlar		ELECTIVE COURSE	Free run time	Free run time
16:30-17:20	Free run time		ELECTIVE COURSE	Free run time	Free run time

	<b>21.11.2022 MONDAY</b>	<b>22.11.2022 TUESDAY</b>	<b>23.11.2022 WEDNESDAY</b>	<b>24.11.2022 THURSDAY</b>	<b>25.11.2022 FRIDAY</b>
<b>08:30-09:20</b>	Symptoms of sinonasal disease  Dr. M.M. Şahin	Systemic mycoses  Dr.A. Kalkancı	Free run time	Free run time	Free run time
<b>09:30-10:20</b>	Management of Otagia and otorrhea  Dr. R. Karamert	Pathology of upper airways and larynx diseases  Dr. Ö. Ekinici	Cholinoceptor activating cholinesterase inhibiting drugs  Dr.S. Barun	Bacterial agents of the respiratory tract infection 4: Bordatella, Francisella, Legionella  Dr.A. Kalkancı	Pulmonary radiology  Dr.H.K.Kılıç
<b>10:30-11:20</b>	Upper airway obstruction and laryngeal diseases  Dr. M. Düzlü	Pulmonary vascular disease  Dr.Ö. Ekinici	Cholinoceptor activating cholinesterase inhibiting drugs  Dr.S. Barun	Viral agents of the respiratory tract infection 1: Paramyxoviruses, Poxviruses  Dr.A. Kalkancı	Radiologic imaging in pleural and mediastinal diseases  Dr.G.Erbaş
<b>11:30-12:20</b>	Symptomatology of the head and neck masses  Dr. S. Cebeci	Pulmonary vascular disease  Dr.Ö. Ekinici	Cholinoceptor blocking drugs  Dr.S. Barun	Viral agents of the respiratory tract infection 2: Orthomyxoviruses  Dr.F. Doğruman-Al	Pulmonary system and nuclear medicine  Dr.Ü.Ö.Akdemir
<b>13:30-14:20</b>	Introduction to autonomic pharmacology  Dr.S. Barun	Lung tumors  Dr. N. Akyürek	MEDICAL ENGLISH	Approach to the patient with chest pain  Dr.N.Y. Demirci	Bacterial agents of the respiratory tract infection 3: Mycobacterium  Dr. M.Yalınay
<b>14:30-15:20</b>	Neonatal respiratory failure  Dr.E.Ergenekon	Pneumoconiosis  Dr. N. Akyürek	MEDICAL ENGLISH	Heart sounds and murmurs  Dr. D. Oğuz	Bacterial agents of the respiratory tract infection 3: Mycobacterium  Dr. M.Yalınay
<b>15:30-16:20</b>	Free run time	Approach to the patient with dyspnea  Dr. G. Gürsel	ELECTIVE COURSE	Heart sounds and murmurs  Dr. D. Oğuz	Drugs used in treatment of respiratory disorders  Dr.E. Dileköz
16.30 - 17.20	Free run time	Free run time	ELECTIVE COURSE		Drugs used in treatment of respiratory disorders  Dr.E. Dileköz

	28.11.2022 MONDAY	29.11.2022 TUESDAY	30.11.2022 WEDNESDAY	01.12.2022 THURSDAY	02.12.2022 FRIDAY
08:30-09:20	Free run time	Free run time	Heart valve diseases  Dr. A. Şahinarslan	Physiopathology of cardiac failure:Adult  Dr. A. Abacı	Coronary circulation and coronary artery diseases  Dr. M.K. Akboğa
09:30-10:20	Epidemiology of Respiratory and Circulation System Diseases  Dr. H. Tüzün	Pathology of myocardial and pericardial diseases  Dr. İ. Gönül	Heart valve diseases  Dr. A. Şahinarslan	Fetal circulation and neonatal adaptation  Dr. D. Oğuz	Coronary circulation and coronary artery diseases Dr. M.K. Akboğa
10:30-11:20	Physiopathology of cardiac failure: Child  Dr.F.S.Tunaoglu	Pathology of myocardial and pericardial diseases  Dr. İ. Gönül	Endocardial and rheumatic heart disease pathology  Dr. İ. Gönül	Congenital heart diseases - cyanotic  Dr. D. Oğuz	Ischemic heart disease  Dr. İ. Gönül
11:30-12:20	Cyanosis  Dr.F.S.Tunaoglu	Drug affecting autonomic ganglions  Dr.S. Barun	Endocardial and rheumatic heart disease pathology  Dr. İ. Gönül	Congenital heart diseases - acyanotic  Dr. D. Oğuz	Ischemic heart disease  Dr. İ. Gönül
			Dr. İ. Gönül		
13:30-14:20	<b>PROBLEM-BASED LEARNING (PBL)</b>	ECG (Electrocardiography)  Dr. S. Ünlü	MEDICAL ENGLISH	Drugs used in heart failure  Dr.C.Uluoglu	Adrenoceptor blocking drugs  Dr.E. Dileköz
14:30-15:20		ECG (Electrocardiography)  Dr. S. Ünlü	MEDICAL ENGLISH	Drugs used in heart failure  Dr.C. Uluoglu	Adrenoceptor blocking drugs  Dr.E. Dileköz
15:30-16:20		Heart sounds and murmurs  Dr. D. Oğuz	ELECTIVE COURSE	Radiology of the cardiovascular system  Dr.E.Ilgit	
16:30-17:20		Heart sounds and murmurs- Audiovisual demonstration  Dr. D. Oğuz	ELECTIVE COURSE	Free run time	

	05.12.2022 MONDAY	06.12.2022 TUESDAY	07.12.2022 WEDNESDAY	08.12.2022 THURSDAY	09.12.2022 FRIDAY
08:30-09:20	Pathology of blood vessels  Dr. İ. Gönül	LABORATORY MICROBIOLOGY MICOBACTERIUM	Free run time	The biochemistry of atherosclerosis  Dr. N.Bukan	Physiopathologyof systemic hypertension  Dr. M. Candemir
09:30-10:20	Pathology of blood vessels  Dr. İ. Gönül		Endocardial diseases  Dr.F.S.Tunaoğlu	Diagnostic test in heart diseases  Dr. N.Bukan	Hypertension and regulation of blood pressure  Dr.C. Uluoğlu
10:30-11:20	Pathology of blood vessels  Dr. İ. Gönül		Myocardial diseases  Dr.F.S.Tunaoğlu	Acute Rheumatic fever  Dr.D.Oğuz	Antihypertensive agents  Dr.C. Uluoğlu
11:30-12:20	Peripheric vasodilators  Dr.C.Uluoğlu		Nucleer cardiology  Dr.Ü.Ö.Akdemir	Acute Rheumatic fever  Dr.D.Oğuz	Antihypertensive agents  Dr.C. Uluoğlu
13:30-14:20	PROBLEM-BASED LEARNING (PBL)	LABORATORY MICROBIOLOGY MICOBACTERIUM	MEDICAL ENGLISH	Arrhythmias Dr. B. Sezenöz	Drugs used in cardiac arrhythmias  Dr.C.Uluoğlu
14:30-15:20			MEDICAL ENGLISH	Arrhythmias Dr. B. Sezenöz	Drugs used in cardiac arrhythmias  Dr.C.Uluoğlu
15:30-16:20			ELECTIVE COURSE	Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	PANEL: Pharmacological case discussion Pharmacology Chest Disease Cardiology
16:30-17:20			ELECTIVE COURSE	Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	



	12.12.2022 MONDAY	13.12.2022 TUESDAY	14.12.2022 WEDNESDAY	15.12.2022 THURSDAY	16.12.2022 FRIDAY	
08:30-09:20	Cardiopulmonary recuscitation  Dr. N. Bedirli	Drugs used in angina pectoris  Dr.C. Uluoğlu	Free run time	Free run time	<div> <div>YEAR III THIRD</div> <div>COMMITEE</div> <div>EXAM</div> </div>	
09:30-10:20	Pathophysiology of shock  Dr. N. Bedirli	Lipid lowering drugs  Dr.C.Uluoğlu	Free run time	Free run time		
10:30-11:20	Syncope  Dr. M.Özdemir	Anticoagulants and antithrombotics  Dr. E. Dileköz	Free run time	Free run time		
11:30-12:20	Cardiogenic shock  Dr. E. Kızıltunç	Anticoagulants and antithrombotics  Dr. E. Dileköz	Free run time	Free run time		
13:30-14:20	<div>PROBLEM-BASED LEARNING (PBL)</div>	Free Run-Time	MEDICAL ENGLISH	Free run time		
14:30-15:20		Free run time	MEDICAL ENGLISH	Free run time		
15:30-16:20		Free run time	ELECTIVE COURSE	Free run time		
16:30-17:20		Free run time	ELECTIVE COURSE			

**Exam: December 16<sup>th</sup>, 2022**