

**GAZI UNIVERSITY FACULTY OF MEDICINE**  
**YEAR III 2020-2021**  
**RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE**

**November 26, 2020-December 18, 2020**

**Exam: December 21, 2020**

<b>Courses</b>	<b>Theoretical</b>	<b>Practice</b>	<b>Panel</b>	<b>Total</b>
Medical Pathology	22			22
Medical Pharmacology	25		1 (Cardiology, Pharmacology, Chest Diseases)	26
Cardiology	12		1	12
Child Health and Disease	15			
Ped. Cardiology	12			16
Ped. Chest Diseases	2			
Neonatology	1			
Medical Microbiology	10	1x8		11
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
<b>TOTAL</b>	<b>105</b>	<b>12</b>	<b>1</b>	<b>118</b>
<b>Clinical Skill Education</b>				
• Respiratory System Examination Skill		2X4		8
• Cardiovascular System Examination Skill				
Elective Course	12			12
Medical English	12			12
Exam Analysis and Feedback	1			1
<b>Total</b>	<b>132</b>	<b>20</b>	<b>1</b>	<b>153</b>
<b>Free Run-Time</b>	<b>20</b>			

<b>Dean</b>	Prof.Dr. Mustafa Necmi İLHAN
<b>Vice Dean</b>	Assoc.Prof.Dr. İlyas OKUR
<b>Vice Dean</b>	Assoc.Prof.Dr.. Özlem GÜZEL TUNÇCAN
<b>Head Coordinator</b>	Prof. Dr. Çiğdem ÖZER
<b>Assistant Head Coordinator (ENG)</b>	Prof.Dr. M.Ali ERGÜN
<b>Assistant Head Coordinator</b>	Prof.Dr. Akif Muhtar ÖZTÜRK
<b>Assistant Head Coordinator</b>	Assoc.Prof.Dr. Özlem COŞKUN
<b>Phase III Coordinator</b>	Assoc.Prof.Dr. Pınar UYAR GÖÇÜN
<b>Assistant Phase III Coordinator</b>	Assoc.Prof.Dr. Ergin DİLEKÖZ
<b>Assistant Phase III Coordinator(ENG)</b>	Assoc.Prof.Dr. Hale Zeynep BATUR ÇAĞLAYAN
<b>Assistant Phase III Coordinator</b>	Assoc.Prof Dr. Muhittin YALÇIN
<b>Assistant Phase III Coordinator</b>	Asist. Prof.Dr. Salih TOPAL
<b>Assistant Phase III Coordinator</b>	Asist. Prof.Dr. Nazmi Mutlu KARAKAŞ
<b>Assistant Phase III Coordinator</b>	Asist. Prof.Dr. Nazmi Mutlu KARAKAŞ
<b>Course Committee Head</b>	Prof.Dr.Bülent BOYACI

<b>Clinical Skills Education (CSE) Coordinator</b>	Assoc.Dr. M.Baybars ATAÖĞLU
<b>Problem Based Learning (PBL) Coordinator</b>	Prof.Dr. Nurdan KÖKTÜRK
<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 Sibel ÖZKIN

### Members of Committe

<b>Child Health and Diseases</b>		<b>Medical Pathology</b>	<b>Cardiology</b>	
Dr. Sedef TUNAOĞLU Dr. Deniz OĞUZ Dr. Ayşe ASLAN Dr. Ebru ERGENEKON		Dr. Nalan AKYÜREK Dr. İpek Işık GÖNÜL	Dr.Murat ÖZDEMİR Dr. Adnan ABACI Dr Gülten TAÇOY Dr.Asife ŞAHİNARSLAN Dr M Kadri AKBOĞA	
<b>Chest Disease</b>			<b>ENT</b>	
Dr. Haluk TÜRKTAŞ Dr. İ. Kıvılcım OĞUZÜLGEN Dr. Nurdan KÖKTÜRK Dr. Müge AYDOĞDU Dr Nilgün Yılmaz Demirci		<b>Public Health</b> Dr. Mustafa Necmi İLHAN	Dr. Mehmet DÜZLÜ Dr. Utku AYDİL Dr. Yusuf KIZIL Dr. Recep KARAMERT	
<b>Medical Microbiology</b>	<b>Radiology</b>	<b>Medical Pharmacology</b>	<b>Anesthesiology</b>	<b>Medical Biochemistry</b>
Dr.Kayhan ÇAĞLAR Dr. Meltem YALINAY Dr. Ayşe KALKANCI Dr.Funda DOĞRUMAN AL	Dr. Erhan ILGIT Dr. Gonca ERBAŞ Dr. Hüseyin Koray KILIÇ	Dr. Canan ULUOĞLU Dr. Zafer GÜNEY Dr. Ergin DİLEKÖZ	Dr. Nurdan BEDİRLİ	Dr.Neslihan BUKAN
			<b>Nuclear Medicine</b> Dr. Ü.Özgür AKDEMİR	

## **AIM AND LEARNING OBJECTIVES OF COURSE**

**Aim:** At the end of 17 days 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 hearth 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 chose 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.

	<b>November 23, 2020 MONDAY</b>	<b>November 24, 2020 TUESDAY</b>	<b>November 25, 2020 WEDNESDAY</b>	<b>November 26, 2020 THURSDAY</b>	<b>November 27, 2020 FRIDAY</b>
<b>10:00-10:30</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>	<b>2nd COMMITTEE EXAM</b>	Clinical respiratory physiology  Dr. N. Köktürk	Sinonasal disease and symptomatology  Dr. Y. Kızıl
<b>10:30-11:00</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>		Defence mechanisms of respiratory system  Dr.İ.K.Öğuzülgen	Ear pain and approaches to discharge  Dr. R. Karamert
<b>11:00-11:30</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>		Bacterial agents of the respiratory tract infection 1: <i>Corynebacterium</i>  Dr. A. Kalkancı	Upper airway obstruction and laryngeal diseases  Dr. M. Düzlü
<b>11:30-12:00</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>		Bacterial agents of the respiratory tract infection 4: <i>Bordatella, Francisella, Legionella</i>  Dr.A. Kalkancı	Symptomatology of the head and neck masses  Dr. U. Aydil
<b>14:00-14:30</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>		Oral cavity and pharynx disease and symptomatology  Dr. U. Aydil	Pathology of upper airways and larynx diseases  Dr. N. Akyürek
<b>14:30-15:00</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>	Free run time	Pathology of upper airways and larynx diseases  Dr. N. Akyürek	
<b>15:00-15:30</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>	Free run time	Free run time	
<b>15:30-16:00</b>	<i>2nd Committee Lectures</i>	<i>2nd Committee Lectures</i>	Free run time	Free run time	

	<b>November 30, 2020 MONDAY</b>	<b>December 1, 2020 TUESDAY</b>	<b>December 2, 2020 WEDNESDAY</b>	<b>December 3, 2020 THURSDAY</b>	<b>December 4, 2020 FRIDAY</b>
<b>10:00- 10:30</b>	Approach to the patient with cough and sputum  Dr. M. Aydođdu	Approach to the patient with chest pain  Dr. N. Yılmaz Demirci	Drugs used in treatment of respiratory disorders  Dr.C.Uluođlu	Introduction to autonomic pharmacology  Dr.Z. Güney	Pulmonary vascular disease  Dr.N.Akyürek
<b>10:30- 11:00</b>	Approach to the patient with hemoptysis  Dr. M. Aydođdu	Bacterial agents of the respiratory tract infection 3: <i>Mycobacterium</i>  Dr. M.Yalınay	Drugs used in treatment of respiratory disorders  Dr.C.Uluođlu	Cholinoceptor blocking drugs  Dr.Z. Güney	Pulmonary vascular disease  Dr.N.Akyürek
<b>11:00- 11:30</b>	Approach to the patient with dyspnea  Dr. H. Türктаş	Bacterial agents of the respiratory tract infection 3: <i>Mycobacterium</i>  Dr. M.Yalınay	Nonspecific lung infections  Dr. N.Akyürek	Cholinoceptor activating cholinesterase inhibiting drugs  Dr.Z. Güney	Lung tumors  Dr. N. Akyürek
<b>11:30- 12:00</b>	Systemic mycoses  Dr.A. Kalkancı	Pulmonary tuberculosis  Dr. N. Akyürek	Pathology of mediastinal and pleural diseases  Dr.N.Akyürek	Cholinoceptor activating cholinesterase inhibiting drugs  Dr.Z. Güney	Lung tumors  Dr. N. Akyürek
<b>14:00- 14:30</b>	Viral agents of the respiratory tract infection 1: <i>Paramyxoviruses, Poxviruses</i>  Dr.A. Kalkancı	Drugs used in tuberculosis  Dr.C.Uluođlu	Obstructive lung diseases  Dr. N. Akyürek	Drug affecting autonomic ganglions  Dr.C.Uluođlu	Drugs used in treatment of respiratory disorders  Dr.C.Uluođlu
<b>14:30- 15:00</b>	Viral agents of the respiratory tract infection 1: <i>Paramyxoviruses, Poxviruses</i>  Dr.A. Kalkancı	Drugs used in tuberculosis  Dr.C.Uluođlu	Obstructive lung diseases  Dr. N. Akyürek	Radiologic imaging in pleural and mediastinal diseases  Dr.G.Erbaş	Drugs used in treatment of respiratory disorders  Dr.C.Uluođlu
<b>15:00- 15:30</b>		Coronaviruses Dr K. Çađlar	<i>Free run time</i>	<i>Free run time</i>	Pulmonary system and nuclear medicine  Dr.Ü.Ö.Akdemir
<b>15:30- 16:00</b>	Viral agents of the respiratory tract infection 2: <i>Orthomyxoviruses</i>  Dr. F. Dođruman-Al	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>

	<b>December 7, 2020 MONDAY</b>	<b>December 8, 2020 TUESDAY</b>	<b>December 9, 2020 WEDNESDAY</b>	<b>December 10, 2020 THURSDAY</b>	<b>December 11, 2020 FRIDAY</b>
<b>10:00-10:30</b>	Symptomatology of the respiratory system in childhood  Dr. A.Aslan	Heart sounds and murmurs  Dr. D. Oğuz	Fetal circulation and neonatal adaptation  Dr. D. Oğuz	Adrenoceptor blocking drugs  Dr.E. Dileköz	Radiology of the cardiovascular system  Dr.E.Ilgıt
<b>10:30-11:00</b>	Symptomatology of the respiratory system in childhood  Dr. A.Aslan	Heart sounds and murmurs  Dr. D. Oğuz	Congenital heart diseases - cyanotic  Dr. D. Oğuz	Adrenoceptor blocking drugs  Dr.E. Dileköz	Pathology of blood vessels  Dr. İ. Gönül
<b>11:00-11:30</b>	Pneumoconiosis  Dr. N. Akyürek	Heart sounds and murmurs  Dr. D. Oğuz	Congenital heart diseases - acyanotic  Dr. D. Oğuz	Acute Rheumatic fever  Dr.D.Oğuz	Pathology of blood vessels  Dr. İ. Gönül
<b>11:30-12:00</b>	Pneumoconiosis  Dr. N. Akyürek	Heart sounds and murmurs-Audiovisual demonstration  Dr. D. Oğuz	Cyanosis  Dr.F.S.Tunaoğlu	Acute Rheumatic fever  Dr.D.Oğuz	Pathology of blood vessels  Dr. İ. Gönül
<b>14:00-14:30</b>	Pulmonary radiology  Dr.H.K.Kılıç	Epidemiology of Respiratory and Circulation System Diseases  Dr. M.N. İlhan	Endocardial diseases  Dr.F.S.Tunaoğlu	Endocardial and rheumatic heart disease pathology  Dr. İ. Gönül	The biochemistry of atherosclerosis  Dr. N.Bukan
<b>14:30-15:00</b>	Neonatal respiratory failure  Dr.E.Ergenekon	ECG (Electrocardiography)  Dr. A. Şahinarslan	Myocardial diseases  Dr.F.S.Tunaoğlu	Endocardial and rheumatic heart disease pathology  Dr. İ. Gönül	Diagnostic test in heart diseases  Dr. N.Bukan
<b>15:00-15:30</b>	Bacterial agents of the respiratory tract infection 2: <i>Actinomyces, Nocardia</i>  Dr. K. Çağlar	ECG (Electrocardiography)  Dr. A. Şahinarslan	Pathology of myocardial and pericardial diseases  Dr. İ. Gönül	Adrenoceptor activating and other sympathomimetic drugs  Dr.E. Dileköz	Drugs used in cardiac arrhythmias  Dr.C.Uluoğlu
<b>15:30-16:00</b>	<i>Free run time</i>	<i>Free run time</i>	Pathology of myocardial and pericardial diseases  Dr. İ. Gönül	Adrenoceptor activating and other sympathomimetic drugs Dr.E. Dileköz	Drugs used in cardiac arrhythmias  Dr.C.Uluoğlu

	<b>December 14, 2020 MONDAY</b>	<b>December 15, 2020 TUESDAY</b>	<b>December 16, 2020 WEDNESDAY</b>	<b>December 17, 2020 THURSDAY</b>	<b>December 18, 2020 FRIDAY</b>
<b>10:00-10:30</b>	Coronary circulation and coronary artery diseases  Dr. M.K. Akboğa	Arrhythmias  Dr. A. Abacı	Physiopathology of cardiac failure: <i>Child</i>  Dr.F.S.Tunaoğlu	Drugs used in heart failure  Dr.C.Uluoğlu	Syncope  Dr. M.Özdemir
<b>10:30-11:00</b>	Coronary circulation and coronary artery diseases  Dr. M.K. Akboğa	Arrhythmias  Dr. A. Abacı	Physiopathology of cardiac failure: <i>Adult</i>  Dr G Taçoy	Drugs used in heart failure  Dr.C.Uluoğlu	Hypertension and regulation of blood pressure  Dr.C. Uluoğlu
<b>11:00-11:30</b>	Ischemic heart disease  Dr. İ. Gönül	Heart valve diseases  Dr. M.K. Akboğa	Anticoagulants and antithrombotics  Dr. Z.Güney	Physiopathology of systemic hypertension  Dr. M.Özdemir	Antihypertensive agents  Dr.C. Uluoğlu
<b>11:30-12:00</b>	Ischemic heart disease  Dr. İ. Gönül	Heart valve diseases  Dr. M.K. Akboğa	Anticoagulants and antithrombotics  Dr. Z.Güney	Cardiogenic shock  Dr. M.K. Akboğa	Antihypertensive agents  Dr.C. Uluoğlu
<b>14:00-14:30</b>	Peripheric vasodilators  Dr.C.Uluoğlu	Cardiopulmonary resuscitation  Dr. N. Bedirli	Nuclear cardiology  Dr.Ü.Ö.Akdemir	<b>PANEL :</b> <b>Pharmacological case discussion</b>  <b>Pharmacology</b> <b>Chest diseases</b> <b>Cardiology</b>	<i>Free run time</i>
<b>14:30-15:00</b>	Drugs used in angina pectoris  Dr.C. Uluoğlu	Pathophysiology of shock  Dr. N. Bedirli	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>
<b>15:00-15:30</b>	Lipid lowering drugs  Dr.C.Uluoğlu	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>
<b>15:30-16:00</b>	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>	<i>Free run time</i>



	<b>December 21, 2020 MONDAY</b>	<b>December 22, 2020 TUESDAY</b>	<b>December 23, 2020 WEDNESDAY</b>	<b>December 24, 2020 THURSDAY</b>	<b>December 25, 2020 FRIDAY</b>
<b>10:00- 10:30</b>	<b>3rd COMMITTEE EXAM</b>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>10:30- 11:00</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>11:00- 11:30</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>11:30- 12:00</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>14:00- 14:30</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>14:30- 15:00</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>15:00- 15:30</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>
<b>15:30- 16:00</b>		<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>	<i>4th Committee Lectures</i>

**Exam: December 21th, 2020**