

fGAZI UNIVERSITY FACULTY OF MEDICINE
YEAR III 2021-2022
RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE

November 12, 2021-December 16, 2021

Exam: December 16, 2021

Courses	Theoretical	Practice	Panel	Total
Medical Pathology	22			22
Medical Pharmacology	25		1 (Cardiology, Pharmacology, Chest Diseases)	26
Cardiology	12		1	12
Child Health and Disease	16			
Ped.Cardiology	13			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			2
Medical Biochemistry	2			2
Nuclear Medicine	2			2
Public Health	1			1
TOTAL	105	1	1	108
Clinical Skill Education		2X4		8
Elective Course*	12			12
Medical English*	12			12
Total	132	20	1	140
Free Run Time	52			

**Online lessons*

Total: 24 work days

Medical English (online): Starting from October 6, 2021. It is every Wednesday between 6.00 pm and 6.40 pm.

Elective Course (online): Starting from October 6, 2021. It is every Wednesday between 1.30 pm and 2.15 pm.

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

Clinical Skills Education (CSE) Coordinator	Doç.Dr. Melda AYBAR TÜRKOĞLU
Problem Based Learning (PBL) Coordinator	Doç.Dr. Özlem COŞKUN
Evidence Based Medicine (EBM) Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Elective Course Coordinator	Assoc.Prof.Dr. Ergin DİLEKÖZ
Medical English	Lecturer Sibel ÖZKIN

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 Dr. Serkan ÜNLÜ	
Chest Disease				
Dr. İ. Kıvılcım OĞUZÜLGEN Dr. Nurdan KÖKTÜRK Dr. Gül GÜRSEL Dr. Müge AYDOĞDU Dr Nilgün Yılmaz Demirci		Public Health	ENT	
		Dr. Hakan TÜZÜN	Dr. Mehmet DÜZLÜ Dr. Recep KARAMERT Dr. Süleyman Cebeci Dr. Muammer Melih ŞAHİN	
Medical Microbiology	Radiology	Medical Pharmacology	Anesthesiology	Medical Biochemistry
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. Süreyya BARUN Dr.Çimen KARASU 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 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 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.

	November 8, 2021 MONDAY	November 9, 2021 TUESDAY	November 10, 2021 WEDNESDAY	November 11, 2021 THURSDAY	November 12, 2021 FRIDAY
08:30- 09:15	<i>2nd COMMITTEE LECTURES</i>			YEAR III SECOND COURSE EXAM	Clinical respiratory physiology Dr. N. Köktürk
09:30- 10:15					Defence mechanisms of respiratory system Dr.İ.K.Oğuzülgen
10:30- 11:15					Bacterial agents of the respiratory tract infection 1: <i>Corynebacterium</i> Dr. A. Kalkancı
11:30- 12:15					Bacterial agents of the respiratory tract infection 4: <i>Bordatella</i> , <i>Francisella</i> , <i>Legionella</i> Dr.A. Kalkancı
13:30- 14:15	<i>2nd COMMITTEE LECTURES</i>				Sinonasal disease and symptomatology Dr. M. M. Şahin
14:30- 15:15					Bacterial agents of the respiratory tract infection 2: <i>Actinomycetes</i> , <i>Nocardia</i> Dr. K. Çağlar
15:30- 16:15					Free run time
16:30- 17:15					Free run time

	November 15, 2021 MONDAY	November 16, 2021 TUESDAY	November 17, 2021 WEDNESDAY	November 18, 2021 THURSDAY	November 19, 2021 FRIDAY
08:30-09:15	Free run time	Free run time	YEAR I COURSE EXAM	Free run time	Free run time
09:30-10:15	Oral cavity and pharynx disease and symptomatology Dr. S. Cebeci	Viral agents of the respiratory tract infection 2: <i>Orthomyxoviruses</i> Dr.F. Doğruman-AI		Approach to the patient with cough and sputum Dr. M. Aydoğdu	Systemic mycoses Dr.A. Kalkancı
10:30-11:15	Upper airway obstruction and laryngeal diseases Dr. M. Düzlülü	Viral agents of the respiratory tract infection 1: <i>Paramyxoviruses, Poxviruses</i> Dr.A. Kalkancı		Approach to the patient with hemoptysis Dr. M. Aydoğdu	Pulmonary tuberculosis Dr. N. Akyürek
11:30-12:15	Ear pain and approaches to discharge Dr. R. Karamert	Viral agents of the respiratory tract infection 1: <i>Paramyxoviruses, Poxviruses</i> Dr.A. Kalkancı		Approach to the patient with chest pain Dr. N. Yılmaz Demirci	Pathology of mediastinal and pleural diseases Dr.N.Akyürek
13:30-14:15	Pathology of upper airways and larynx diseases Dr. Ö. Ekinici	Approach to the patient with dyspnea Dr. G. Gürsel	ELECTIVE COURSE	Radiologic imaging in pleural and mediastinal diseases Dr. G. Erbaş	English Exam (online) 14.00-15.00
14:30-15:15	Pathology of upper airways and larynx diseases Dr. Ö. Ekinici	Bacterial agents of the respiratory tract infection 3: <i>Mycobacterium</i> Dr. M.Yalınay	Free run time	Nonspecific lung infections Dr. Ö. Ekinici	
15:30-16:15	Symptomatology of the head and neck masses Dr. M. M.Şahin	Bacterial agents of the respiratory tract infection 3: <i>Mycobacterium</i> Dr. M.Yalınay	Free run time	Free run time	Free run time
16:30-17:15	Free run time	Free run time	Free Run-Time	Free Run-Time	Free Run-Time
18:00-18:40			MEDICAL ENGLISH		

	November 22, 2021 MONDAY	November 23, 2021 TUESDAY	November 24, 2021 WEDNESDAY	November 25, 2021 THURSDAY	November 26, 2021 FRIDAY
08:30-09:15	Drugs used in tuberculosis and other mycobacterial infections Dr.C.Uluoğlu	Obstructive lung diseases Dr. N. Akyürek	Lung tumors Dr. N. Akyürek	Free Run-Time	ENGLISH EXAM
09:30-10:15	Drugs used in tuberculosis and other mycobacterial infections Dr.C.Uluoğlu	Obstructive lung diseases Dr. N. Akyürek	Lung tumors Dr. N. Akyürek	Epidemiology of Respiratory and Circulation System Diseases Dr. H. Tüzün	
10:30-11:15	Symptomatology of the respiratory system in childhood Dr. A.Aslan	Drug affecting autonomic ganglions Dr. S. Barun	Pulmonary radiology Dr.H.K.Kılıç	Pulmonary vascular disease Dr.Ö.Ekinci	
11:30-12:15	Symptomatology of the respiratory system in childhood Dr. A.Aslan	Cholinoceptor blocking drugs Dr. S. Barun	Neonatal respiratory failure Dr.E. Ergenekon	Pulmonary vascular disease Dr.Ö.Ekinci	
13:30-14:15	Introduction to autonomic pharmacology Dr. S. Barun	Drugs used in treatment of respiratory disorders Dr.C.Uluoğlu	ELECTIVE COURSE	Pneumoconiosis Dr. N. Akyürek	ENGLISH EXAM
14:30-15:15	Cholinoceptor activating cholinesterase inhibiting drugs Dr. S. Barun	Drugs used in treatment of respiratory disorders Dr.C.Uluoğlu	Free Run-Time	Pneumoconiosis Dr. N. Akyürek	
15:30-16:15	Cholinoceptor activating cholinesterase inhibiting drugs Dr. S. Barun	Pulmonary system and nuclear medicine Dr.Ü.Ö.Akdemir	Free Run-Time	Coronaviruses Dr K. Çağlar	
16.30-17.15	Free Run-Time	Free Run-Time	Free Run-Time	Free Run-Time	
18:00-18:40			MEDICAL ENGLISH		

	November 29, 2021 MONDAY	November 30, 2021 TUESDAY	December 1, 2021 WEDNESDAY	December 2, 2021 THURSDAY	December 3, 2021 FRIDAY
08:30-09:15	CLINICAL SKILLS EDUCATION (CSE)	ECG (Electrocardiography) Dr. A. Şahinarslan	Free run time	Acute Rheumatic fever Dr.D.Oğuz	Endocardial and rheumatic heart disease pathology Dr. İ. Gönül
09:30-10:15		ECG (Electrocardiography) Dr. A. Şahinarslan	Fetal circulation and neonatal adaptation Dr. D. Oğuz	Acute Rheumatic fever Dr.D.Oğuz	Endocardial and rheumatic heart disease pathology Dr. İ. Gönül
10:30-11:15		Heart sounds and murmurs Dr. D. Oğuz	Congenital heart diseases - cyanotic Dr. D. Oğuz	Pathology of myocardial and pericardial diseases Dr. İ. Gönül	Adrenoceptor blocking drugs Dr.E. Dileköz
11:30-12:15		Heart sounds and murmurs Dr. D. Oğuz	Congenital heart diseases - acyanotic Dr. D. Oğuz	Pathology of myocardial and pericardial diseases Dr. İ. Gönül	Adrenoceptor blocking drugs Dr.E. Dileköz
13:30-14:15		Heart sounds and murmurs Dr. D. Oğuz	ELECTIVE COURSE	Cyanosis Dr.F.S.Tunaoglu	Heart valve diseases Dr. S. Ünlü
14:30-15:15		Heart sounds and murmurs- Audiovisual demonstration Dr. D. Oğuz	Free Run-Time	Endocardial diseases Dr.F.S.Tunaoglu	Heart valve diseases Dr. S. Ünlü
15:30-16:15		Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	Free Run-Time	Myocardial diseases Dr.F.S.Tunaoglu	Cardiopulmonary resuscitation Dr. N. Bedirli
16:30-17:15		Adrenoceptor Activating and Other Sympathomimetic Drugs Dr. E. Dileköz	Free Run-Time	Free Run-Time	Pathophysiology of shock Dr. N. Bedirli
18:00-18:40			MEDICAL ENGLISH		

	December 6, 2021 MONDAY	December 7, 2021 TUESDAY	December 8, 2021 WEDNESDAY	December 9, 2021 THURSDAY	December 10, 2021 FRIDAY
08:30- 09:15	Radiology of the cardiovascular system Dr.E.Ilgit	Free Run-Time	Free Run-Time	Drugs used in cardiac arrhythmias Dr.C.Uluoğlu	Free Run-Time
09:30- 10:15	The biochemistry of atherosclerosis Dr. N.Bukan	Cardiogenic shock Dr. E. Kızıltunç	Free Run-Time	Drugs used in cardiac arrhythmias Dr.C.Uluoğlu	Nuclear cardiology Dr. U. Aydos
10:30- 11:15	Diagnostic test in heart diseases Dr. N.Bukan	Ischemic heart disease Dr. İ. Gönül	Arrhythmias Dr. A. Abacı	Physiopathology of cardiac failure: <i>Child</i> Dr.F.S.Tunaoglu	Drugs used in heart failure Dr.C.Uluoğlu
11:30- 12:15	Syncope Dr. M.Özdemir	Ischemic heart disease Dr. İ. Gönül	Arrhythmias Dr. A. Abacı	Physiopathology of cardiac failure: <i>Adult</i> Dr B. Sezenöz	Drugs used in heart failure Dr.C. Uluoğlu
13:30- 14:15	Pathology of blood vessels Dr. İ. Gönül	Peripheral vasodilators Dr.C.Uluoğlu	ELECTIVE COURSE	Free run time	Coronary circulation and coronary artery diseases Dr. M.K. Akboğa
14:30- 15:15	Pathology of blood vessels Dr. İ. Gönül	Drugs used in angina pectoris Dr.C. Uluoğlu	Free Run-Time	Panel: Pharmacological discussion Pharmacology Chest Disease Cardiology	Coronary circulation and coronary artery diseases Dr. M.K. Akboğa
15:30- 16:15	Pathology of blood vessels Dr. İ. Gönül	Lipid lowering drugs Dr.C.Uluoğlu	Free Run-Time	Free run time	Anticoagulants and antithrombotics Dr. Ç. Karasu
16:30- 17:15	Free Run-Time	Free run time	Free run time	LABORATORY MICROBIOLOGY MICOBACTERIUM	Anticoagulants and antithrombotics Dr. Ç. Karasu
18:00- 18:40			MEDICAL ENGLISH		

	December 13, 2021 MONDAY	December 14, 2021 TUESDAY	December 15, 2021 WEDNESDAY	December 16, 2021 THURSDAY	December 17, 2021 FRIDAY
08:30- 09:15	Physiopathology of systemic hypertension Dr. M. Candemir	Free Run-Time	Free Run-Time	YEAR III THIRD COURSE EXAM	<i>4th Committee Lectures</i>
09:30- 10:15	Hypertension and regulation of blood pressure Dr.C. Uluoğlu	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
10:30- 11:15	Antihypertensive agents Dr.C. Uluoğlu	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
11:30- 12:15	Antihypertensive agents Dr.C. Uluoğlu	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
13:30- 14:15	Free Run-Time	Free Run-Time	ELECTIVE COURSE		<i>4th Committee Lectures</i>
14:30- 15:15	Free Run-Time	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
15:30- 16:15	Free Run-Time	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
16:30- 17:15	Free Run-Time	Free Run-Time	Free Run-Time		<i>4th Committee Lectures</i>
18:00- 18:40			MEDICAL ENGLISH		

Exam: December 16th, 2021, 09.30 a.m.