



**BAU TIP**

BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE

*"scientia et amore vitae"*



**BAHÇEŞEHİR UNIVERSITY**

**SCHOOL OF MEDICINE**

**CLASS 5**

**ACADEMIC PROGRAMME**

**2022-2023**

**BAU TIP**

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

*"scientia et amore vitae"*

<b>Dean</b>	Türker Kılıç, Prof.
<b>Vice Dean</b>	Demet Koç, Assist. Prof.
<b>Chief Coordinator</b>	Demet Koç, Assist. Prof.
<b>Class 5 Coordinator</b>	Sebahat Dilek Torun, Prof.
<b>Clerkship Administrator-Cardiology</b>	Bahadır Dağdeviren, Prof.
<b>Clerkship Administrator- Cardiovascular Surgery</b>	Mustafa Güler, Prof.
<b>Clerkship Administrator-Dermatology</b>	Sıla Kılıç Sayar, Assist. Prof.
<b>Clerkship Administrator- Forensic Medicine</b>	Mahmut Aşirdizar, Prof.
<b>Clerkship Administrator- Neurology</b>	Buse Çağla Arı, Assit. Prof.
<b>Clerkship Administrator-Neurosurgery</b>	Zafer Orkun Toktaş, Assoc. Prof.
<b>Clerkship Administrator- Ophthalmology</b>	Okan Toygar, Assoc. Prof.
<b>Clerkship Administrator- Orthopedic Surgery</b>	Merter Yalçinkaya, Prof.
<b>Clerkship Administrator-Otorhinolaryngology</b>	Şahin Ulu, Prof.
<b>Clerkship Administrator- Physical Therapy and Rehabilitation</b>	Demet Oflluğlu, Prof.
<b>Clerkship Administrator-Psychiatry</b>	Sibel Çakır,Prof.
<b>Clerkship Administrator-Plastic and Reconstructive Surgery</b>	Ercan Karacaoğlu, Prof.
<b>Clerkship Administrator- Pulmonary Medicine</b>	Merih Kalamanoğlu Balcı, Assoc. Prof.
<b>Clerkship Administrator- Radiology</b>	Mustafa Kemal Demir, Prof.
<b>Clerkship Administrator- Thoracic Surgery</b>	Cemal Asım Kutlu, Prof.

FIFTH YEAR					
<b>9.Semester</b>					
<b>CODE</b>	<b>COURSE</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>E</b>
MED5001	Neurology	1	2	2	3
MED5005	Orthopedics and Traumatology	1	2	2	3
MED5007	Physical Medicine and Rehabilitation	1	2	2	3
MED5111	Pulmonary Medicine	1	2	2	3
MED5003	Neurosurgery	1	2	2	3
MED5017	Forensic Medicine	1	2	2	3
MED5021	Radiology	1	2	2	3
	Departmental Elective	1	2	2	4
	Departmental Elective	1	2	2	4
		<b>9</b>	<b>18</b>	<b>18</b>	<b>29</b>
<b>10.Semester</b>					
<b>CODE</b>	<b>COURSE</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>E</b>
MED5002	Psychiatry	1	2	2	3
MED5004	Dermatology	1	2	2	3
MED5006	Otorhinolaryngology	1	2	2	3
MED5012	Ophthalmology	1	2	2	3
MED5010	Plastic Surgery	1	2	2	3
MED5118	Cardiology	2	2	3	4
MED5120	Cardiovascular and Thoracic Surgery	2	2	3	4
	Departmental Elective	1	2	2	4
	Departmental Elective	1	2	2	4
		<b>11</b>	<b>18</b>	<b>20</b>	<b>31</b>

  
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**BAHCESEHIR UNIVERSITY SCHOOL OF MEDICINE**  
**2022-2023 ACADEMIC CALENDAR FOR THE FIFTH-YEAR**

<b>August 29, 2022, Monday</b>					<b>Clerkships begin</b>									
<b>Orientation Seminar</b>					<b>29.08.2022</b>									
<b>GROUP 1</b>	NEUROLOGY (29.08.2022-09.09.2022)	NEUROSURGERY (12.09.2022-23.09.2022)	PSYCHIATRY (26.09.2022-07.10.2022)	FORENSIC MEDICINE (10.10.2022-21.10.2022)	<b>ELECTIVES (24.10.2022 - 18.11.2022)</b>	OTOLARYNGOLOGY (21.11.2022-02.12.2022)	OPHTHALMOLOGY (05.12.2022-16.12.2022)	RADIOLOGY RAD. ONCOLOGY (19.12.2022-30.12.2022)	CARDIOLOGY (02.01.2023-20.01.2023)	PULMONARY MEDICINE (23.01.2023-03.02.2023)	THORACIC & CARDIOVASCULAR SURGERY (06.02.2023-24.02.2023)	<b>SEMESTER BREAK (27.02.2023 - 03.03.2023)</b>		
<b>GROUP 2</b>	OTOLARYNGOLOGY (29.08.2022-09.09.2022)	OPHTHALMOLOGY (12.09.2022-23.09.2022)	RADIOLOGY RAD. ONCOLOGY (26.09.2022-07.10.2022)	NEUROLOGY (21.11.2022-02.12.2022)		NEUROSURGERY (05.12.2022-16.12.2022)	PSYCHIATRY (19.12.2022-30.12.2022)	DERMATOLOGY (02.01.2023-13.01.2023)	PLASTIC & RECONS SURGERY (16.01.2023-27.01.2023)	ORTHOPEDIC SURGERY (30.01.2023-10.02.2023)	PHYSICAL THERAPY & REHAB. (13.02.2023-24.02.2023)			
<b>GROUP 3</b>	CARDIOLOGY (29.08.2022 - 16.09.2022)		PULMONARY MEDICINE (19.09.2022 - 30.09.2022)	THORACIC & CARDIOVASCULAR SURGERY (03.10.2022-21.10.2022)		DERMATOLOGY (21.11.2022-02.12.2022)	PLASTIC & RECONS SURGERY (05.12.2022-16.12.2022)	ORTHOPEDIC SURGERY (19.12.2022-30.12.2022)	PHYSICAL THERAPY & REHAB. (02.01.2023-13.01.2023)	NEUROLOGY (16.01.2023-27.01.2023)	NEUROSURGERY (30.01.2023-10.02.2023)		PSYCHIATRY (13.02.2023-24.02.2023)	
<b>GROUP 4</b>	DERMATOLOGY (29.08.2022-09.09.2022)	PLASTIC & RECONS SURGERY (12.09.2022-23.09.2022)	ORTHOPEDIC SURGERY (26.09.2022-07.10.2022)	PHYSICAL THERAPY & REHAB. (10.10.2022-21.10.2022)		CARDIOLOGY (21.11.2022-09.12.2022)		PULMONARY MEDICINE (12.12.2022-23.12.2022)	THORACIC & CARDIOVASCULAR SURGERY (26.12.2022-13.01.2023)		OTOLARYNGOLOGY (16.01.2023-27.01.2023)		OPHTHALMOLOGY (30.01.2023-10.02.2023)	RADIOLOGY RAD. ONCOLOGY (13.02.2023-24.02.2023)

<b>GROUP 1</b>	DERMATOLOGY (06.03.2023-17.03.2023)	PLASTIC & RECONS SURGERY (20.03.2023-31.03.2023)	ORTHOPEDIC SURGERY (03.04.2023-14.04.2023)	PHYSICAL THERAPY & REHAB. (17.04.2023-05.05.2023)	<b>ELECTIVES (08.05.2023 - 02.06.2023)</b>	August 30, 2022, Tuesday	Victory Day (National holiday)
<b>GROUP 2</b>	CARDIOLOGY (06.03.2023-24.03.2023)		PULMONARY MEDICINE (27.03.2023 - 07.04.2023)	THORACIC & CARDIOVASCULAR SURGERY (10.04.2023 - 05.05.2023)		October 28, 29 Friday, Saturday	Republic Day of Turkey (National holiday)
<b>GROUP 3</b>	FORENSIC MEDICINE (06.03.2023-17.03.2023)	OTOLARYNGOLOGY (20.03.2023-31.03.2023)	OPHTHALMOLOGY (03.04.2023-14.04.2023)	RADIOLOGY RAD. ONCOLOGY (17.04.2023 - 05.05.2023)		April 20-23, 2023, Thursday, Friday	Ramadan Feast Holiday
<b>GROUP 4</b>		NEUROLOGY (20.03.2023-31.03.2023)	NEUROSURGERY (03.04.2023-14.04.2023)	PSYCHIATRY (17.04.2023 - 05.05.2023)		May 01, 2023, Monday	Labor and Solidarity Day
					May 19, 2023, Friday	Commemoration of Atatürk, Youth and Sports Day (National holiday)	
					June 27 - July 1, 2023	Kurban Bayramı Holiday	
					June 05-09, 2023	Resit Exams for all Clerkships	

## STUDENT GROUPS

GROUP 1		GROUP 2		GROUP 3		GROUP 4	
1	1317005	1	1505028	1	1502313	1	1503524
2	1408589	2	1728726	2	1602055	2	1737070
3	1501080	3	1728736	3	1728582	3	1800678
4	1505251	4	1728738	4	1728642	4	1800793
5	1601390	5	1728772	5	1728650	5	1800945
6	1606203	6	1802353	6	1728696	6	1800998
7	1612244	7	1802546	7	1728740	7	1801205
8	1722799	8	1802666	8	1728750	8	1801259
9	1728506	9	1802865	9	1728754	9	1801293
10	1728516	10	1803380	10	1728756	10	1801297
11	1728518	11	1803384	11	1728770	11	1801438
12	1728520	12	1803607	12	1729334	12	1801490
13	1728524	13	1803775	13	1734745	13	1801771
14	1728530	14	1803845	14	1800293	14	1801858
15	1728554	15	1803947	15	1802606	15	1801921
16	1728556	16	1803979	16	1802648	16	1802466
17	1728564	17	1804084	17	1802915	17	1805651
18	1728570	18	1804206	18	1803148	18	2017243
19	1728574	19	1804271	19	1803936	19	2017404
20	1728584	20	1804279	20	1804204	20	2017675
21	1728594	21	1804322	21	1804681	21	2017750
22	1728616	22	1804358	22	1805135	22	2017804
23	1728620	23	1804374	23	1805200	23	2018039
24	1728628	24	1804823	24	1805267	24	2101354
25	1728632	25	1804845	25	1805334		
26	1728640	26	1805112	26	2000630		
27	1728646	27	1805178	27	2100891		
28	1728668	28	1805315	28	2100926		
29	1728674	29	1805350	29	2101087		
30	1728788	30	1805405	30	2101091		
31	2017364						

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## CLASS 5

**AIM:** The purpose of the Class 5 program is to bring up the students to the competency level to use their knowledge, skills, and attitudes gained in the first three years to diagnose, follow-up, and treat real patients in related clerkships.

### LEARNING OBJECTIVES:

*At the end of this class, the students should be able to:*

1. Demonstrate knowledge necessary for recognition, treatment, and follow-up of diseases in related clerkships, according to the learning levels mentioned in the National Core Education Program.
2. Gather essential and accurate information about patients and their conditions through history-taking, physical examination, and the use of laboratory data, imaging, and other tests.
3. Perform various basic procedures according to the learning levels mentioned in the National Core Education Program.
4. Communicate effectively and empathetically with patients and their families.
5. Establish and maintain effective working relationships with colleagues and health care professionals.
6. Utilize the library and its resources to research clinical questions that arise during patient care and management.
7. Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

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## CARDIOLOGY CLERKSHIP PROGRAM

CARDIOLOGY		
Bahadır Dağdeviren	Prof. M. D.	Head of Department
Kenan Sönmez	Prof. M. D.	
Vecih Oduncu	Prof. M. D.	
Muhammed Keskin	Assoc. Prof. M. D	
Sebahattin Gündüz	Assoc. Prof. M. D	
Arif Oğuzhan Çimen	Assist. Prof. M. D	
İsmail Ateş	Assist. Prof. M. D	
Adnan Kaya	Assoc. Prof. M. D	
Gürkan Karaca	Assist. Prof. M. D	

**AIM:** The purpose of Cardiology Clerkship is to equip students with the necessary knowledge, skills, and attitudes required to approach a cardiac patient, train them to manage and diagnose the life threatening cardiac emergencies and teach how to follow up and treat patients with known cardiovascular disease.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

- LO 1.** Demonstrate general knowledge of the anatomy, physiology, and pathophysiology of the cardiovascular system.
- LO 2.** Explain the mechanisms, and causes of symptoms (chest pain, shortness of breath, palpitations, edema) related to the cardiovascular system.
- LO 3.** Demonstrate knowledge necessary for the recognition and management of adult patients with cardiac disorders, according to the learning levels mentioned in the National Core Education Program.
- LO 4.** Identify appropriate diagnostic tests.
- LO 5.** Create an appropriate differential diagnosis.
- LO 6.** Discuss the general concept and role of imaging techniques in cardiovascular diseases.
- LO 7.** Gain experience in the initial management and stabilization of patients with acute cardiac emergencies and make patient referrals to appropriate specialized medical departments.
- LO 8.** Demonstrate knowledge of the common therapeutic agents used in cardiac patients.
- LO 9.** Evaluate risk factors for cardiovascular diseases on an individual basis and provide consultancy.
- LO 10.** Demonstrate knowledge necessary for long-term follow up and control in primary care

### SKILLS:

- LO 11.** Take a detailed relevant history of a cardiac patient.
- LO 12.** Perform a detailed physical examination of a cardiac patient.

- 
- LO 13.** Develop skills to record and interpret an ECG.
- 
- LO 14.** Prepare concise discharge and transfer summaries with all relevant information.
- 

**ATTITUDES:**

- 
- LO 15.** Communicate effectively and empathetically with patients and their families.
- 
- LO 16.** Establish and maintain effective working relationships with colleagues and health care professionals.
- 
- LO 17.** Display sufficient social skills when forming a patient-doctor relationship.
- 
- LO 18.** Evaluate the patient as a whole, not only his/her complaint.
- 
- LO 19.** Utilize the library and its resources to research clinical questions that arise during patient care and management.
- 
- LO 20.** Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.
- 

CODES*	LEARNING LEVELS
A	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
Ön T	Should be able to make a preliminary diagnosis, make the necessary preliminary procedures, and direct the patient to the specialist
T	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
TT	Should be able to diagnose and treat
İ	Should be able to perform long-term follow up and control in primary care
K	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

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**\*Codes are designed according to the National Core Education Program.**



Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU-BASIC</b>	Anatomy of the cardiovascular system (1 hour)	
		<b>BAU-BASIC</b>	Physiopathology of the cardiovascular system (1 hour)	
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		History Taking and Physical Examination (2 hour)	LO 11, LO 12, LO 15, LO 17, LO 18
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		Electrocardiogram (5 hours)	LO 4, LO 13, LO 19
<b>Dyspnea, chest pain, wheezing, syncope</b>	Pulmonary Edema	A	Cardiogenic Pulmonary Edema (2 hour)	LO 3, LO 7, LO 8, LO 20
<b>Dyspnea, chest pain, shoulder pain, smoking</b>	Acute Coronary Syndromes	T-A-K	Acute coronary syndromes (4 hours)	LO 3, LO 4, LO 5, LO 6, LO 7, LO 8, LO 9, LO 10, LO 20
<b>Fever, palpitation, heart murmur</b>	Endocarditis	Ön T-K	Endocarditis (2 hours)	LO 1, LO 3, LO 5, LO 9, LO 20
<b>Headache, epistaxis, , palpitation, hypertension</b>	Essential Hypertension	TT-A-K-İ	Essential Hypertension (3 hours), Hypertension Emergency (1 hour)	LO 3, LO 4, LO 5, LO 6, LO 7, LO 8, LO 9, LO 10, LO 20
<b>Palpitation, Dyspnea, hemoptysis, heart murmur, syncope, cyanosis</b>	Valvular Heart Diseases	Ön T-K	Introduction to valvular heart disease, Mitral valve disease, Tricuspid valve disease, Aortic valve disease, Pulmonary valve disease (5 hours)	LO 3, LO 5, LO 9, LO 10, LO 20
<b>Palpitation, hypotension, syncope</b>	Heart Rhythm Disorders	T-A-İ	Heart Rhythm Disorders-Supraventricular tachycardias, -Ventricular tachycardias- Brady arrhythmias (3 hours)	LO 1, LO 3, LO 4, LO 5, LO 6, LO 7, LO 8, LO 20
<b>Palpitation, Dyspnea, weakness and fatigue, hepatomegaly, hypotension, loss of appetite, heart murmur, edema, pollakiuria/nocturia, cyanosis</b>	Heart Failure	T-A-K-İ	LV heart failure, RV heart failure (2 hours)	LO 2, LO 3, LO 4, LO 5, LO 6, LO 7, LO 8, LO 20
<b>Altered mental status, abnormal pupil, cyanosis</b>	Cardiopulmonary Arrest	A	Cardiopulmonary Arrest (1 hour)	LO 7, LO 8 , LO 20
<b>Growth Retardation, palpitation, clubbing, skin, hair and nail changes (xerosis, discoloration</b>	Congenital Heart Diseases	Ön T	Adult Congenital Heart Diseases (2 hours)	LO 3, LO 5, LO 20

etc.), Dyspnea, heart murmur, cyanosis, sucking difficulty				
Chest pain	Chronic Coronary Artery Disease	Ön T-K	Chronic Coronary Artery Disease (3 hours)	LO 3, LO 5, LO 9, LO 10, LO 20
Palpitation, heart murmur	Myocarditis/Cardiomyopathy	Ön T	Myocarditis (1 hour)/ Cardiomyopathies (1 hour)	LO 1, LO 3, LO 5, LO 20
Dyspnea, chest pain, hypotension	Pericardial Diseases	Ön T	Pericarditis (1 hour)	LO 1, LO 3, LO 5, LO 20
Dyspnea, hemoptysis	Pulmonary Embolism	A-K-İ	Pulmonary Embolism (1 hour)	LO 7, LO 8, LO 20
Dyspnea	Pulmonary Hypertension	Ön T	Pulmonary Hypertension (1 hour)	LO 3, LO 5, LO 20
Headache, palpitation, hypertension	Secondary Hypertension	Ön T-İ	Secondary Hypertension (1 hour)	LO 3, LO 5, LO 9, LO 20
Syncope	Vasovagal Syncope	Ön T-K	Vasovagal Syncope (1 hour)	LO 3, LO 5, LO 9, LO 10, LO 20
Skin, hair and nail changes (xerosis, discoloration etc.), intermittent claudication, smoking	Peripheral artery diseases	Ön T-A	Chronic atherosclerosis (1 hour)	LO 3, LO 5, LO 7, LO 8 , LO 20
		<b>BAU-BASIC</b>	Diagnostic tools in cardiology (2 hours)	LO 4, LO 6
		<b>BAU-BASIC</b>	Invasive procedures in cardiology (1 hour)	LO 4, LO 6
		<b>BAU-BASIC</b>	Futuristic Approach to cardiology (1 hour)	LO 19, LO 20

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MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
Group 1	29.08.2022 - 16.09.2022
Group 2	21.11.2022-09.12.2022
Group 3	02.01.2023-20.01.2023
Group 4	06.03.2023-24.03.2023

- Hampton, J.R. (2013). THE ECG IN PRACTICE, Churchill Livingstone
- Griffin B.P., Menon V. (2018) MANUAL OF CARDIOVASCULAR MEDICINE . Fifth Edition. Lippincott Williams &Wilkins


  
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DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	09:00		CLASS 5	<b>Orientation Seminar- Introduction to Class 5</b>	
Monday			COORDINATOR	<b>National Core Education Program</b>	SEBAHAT DİLEK TORUN
Monday			MEDICAL	<b>Rules to obey in clinical settings</b>	DEMET KOÇ
Monday		10:30	EDUCATION	<b>Program Evaluation-Accreditation</b>	
Monday	11:20	12:00			
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOLOGY		
Monday	13:50	14:30	CARDIOLOGY		
Monday	14:40	15:20	CARDIOLOGY		
Monday	15:30	16:10	CARDIOLOGY		
Monday	16:20	17:00	CARDIOLOGY		
Tuesday	8:00	8:40		<b>National Holiday-Victory Day</b>	
Wednesday	8:00	8:40	CARDIOLOGY	Introduction to the program	BAHADIR DAĞDEVİREN
Wednesday	8:50	9:30	CARDIOLOGY	Anatomy of the cardiovascular system	BAHADIR DAĞDEVİREN
Wednesday	9:40	10:20	CARDIOLOGY	Physiopathology of the cardiovascular system	BAHADIR DAĞDEVİREN
Wednesday	10:30	11:10	CARDIOLOGY	History Taking and Physical Examination	BAHADIR DAĞDEVİREN
Wednesday	11:20	12:00	CARDIOLOGY	History Taking and Physical Examination	BAHADIR DAĞDEVİREN
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	CARDIOLOGY	Electrocardiogram (Basics)	KENAN SÖNMEZ
Thursday	8:50	9:30	CARDIOLOGY	Electrocardiogram (ischemic heart diseases)	KENAN SÖNMEZ
Thursday	9:40	10:20	CARDIOLOGY	Electrocardiogram (tachycardias)	KENAN SÖNMEZ
Thursday	10:30	11:10	CARDIOLOGY	Electrocardiogram (Bradycardias)	KENAN SÖNMEZ
Thursday	11:20	12:00	CARDIOLOGY	Electrocardiogram (mortal rhythms)	KENAN SÖNMEZ
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	
Friday	8:00	8:40	CARDIOLOGY	Introduction to valvular heart disease	BAHADIR DAĞDEVİREN
Friday	8:50	9:30	CARDIOLOGY	Mitral valve diseases	BAHADIR DAĞDEVİREN
Friday	9:40	10:20	CARDIOLOGY	Tricuspid valve disease	BAHADIR DAĞDEVİREN
Friday	10:30	11:10	CARDIOLOGY	Aortic valve disease	BAHADIR DAĞDEVİREN
Friday	11:20	12:00	CARDIOLOGY	Pulmonary valve disease	BAHADIR DAĞDEVİREN
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
Friday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Friday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Friday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Friday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	

WEEK 2					
Monday	8:00	8:40	CARDIOLOGY	Chronic Coronary Artery Disease (Stable Angina Diagnosis	MUHAMMED KESKİN
Monday	8:50	9:30	CARDIOLOGY	Chronic Coronary Artery Disease (Hibernation/stunning and treatment)	MUHAMMED KESKİN
Monday	9:40	10:20	CARDIOLOGY	Chronic atherosclerosis (Disease of the Aorta and peripheal artery disease)	MUHAMMED KESKİN
Monday	10:30	11:10	CARDIOLOGY	Acute Coronary Sydromes	MUHAMMED KESKİN
Monday	11:20	12:00	CARDIOLOGY	Acute Coronary Sydromes	MUHAMMED KESKİN
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	CARDIOLOGY	Clinical Practice	MP GÖZTEPE
Monday	13:50	14:30	CARDIOLOGY	Clinical Practice	
Monday	14:40	15:20	CARDIOLOGY	Clinical Practice	
Monday	15:30	16:10	CARDIOLOGY	Clinical Practice	
Monday	16:20	17:00	CARDIOLOGY	Clinical Practice	
Tuesday	8:00	8:40	CARDIOLOGY	Differential diagnosis of palpitations	ARIF OĞUZHAN ÇİMEN
Tuesday	8:50	9:30	CARDIOLOGY	Heart Rhythm Disorders-Supraventricular tachycardias	ARIF OĞUZHAN ÇİMEN
Tuesday	9:40	10:20	CARDIOLOGY	Heart Rhythm Disorders-Ventricular tachycardias	ARIF OĞUZHAN ÇİMEN
Tuesday	10:30	11:10	CARDIOLOGY	Heart Rhythm Disorders-Brady arrhythmias	ARIF OĞUZHAN ÇİMEN
Tuesday	11:20	12:00	CARDIOLOGY	Defibrillation; Pericardiocentesis	ARIF OĞUZHAN ÇİMEN
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	CARDIOLOGY	Clinical Practice	MP GÖZTEPE
Tuesday	13:50	14:30	CARDIOLOGY	Clinical Practice	
Tuesday	14:40	15:20	CARDIOLOGY	Clinical Practice	
Tuesday	15:30	16:10	CARDIOLOGY	Clinical Practice	
Tuesday	16:20	17:00	CARDIOLOGY	Clinical Practice	
Wednesday	8:00	8:40	CARDIOLOGY	Introduction to heart failure	SABAHATTİN GÜNDÜZ
Wednesday	8:50	9:30	CARDIOLOGY	Left heart failure	SABAHATTİN GÜNDÜZ
Wednesday	9:40	10:20	CARDIOLOGY	Right heart failure	SABAHATTİN GÜNDÜZ
Wednesday	10:30	11:10	CARDIOLOGY	Heart murmurs	SABAHATTİN GÜNDÜZ
Wednesday	11:20	12:00	CARDIOLOGY	Differential diagnosis of dyspnea	SABAHATTİN GÜNDÜZ
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	CARDIOLOGY	Clinical Practice	MP GÖZTEPE
Wednesday	13:50	14:30	CARDIOLOGY	Clinical Practice	
Wednesday	14:40	15:20	CARDIOLOGY	Clinical Practice	
Wednesday	15:30	16:10	CARDIOLOGY	Clinical Practice	
Wednesday	16:20	17:00	CARDIOLOGY	Clinical Practice	
Thursday	8:00	8:40	CARDIOLOGY	Cardiopulmonary Arrest	GÜRKAN KARACA
Thursday	8:50	9:30	CARDIOLOGY	Vasovagal Syncope	GÜRKAN KARACA
Thursday	9:40	10:20	CARDIOLOGY	Cardiogenic Pulmonary Edema: Background, Etiology,	GÜRKAN KARACA
Thursday	10:30	11:10	CARDIOLOGY	Cardiogenic Pulmonary Edema: Background, Etiology,	GÜRKAN KARACA
Thursday	11:20	12:00	CARDIOLOGY	Pulmonary Embolism	GÜRKAN KARACA
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	CARDIOLOGY	Clinical Practice	MP GÖZTEPE
Thursday	13:50	14:30	CARDIOLOGY	Clinical Practice	
Thursday	14:40	15:20	CARDIOLOGY	Clinical Practice	
Thursday	15:30	16:10	CARDIOLOGY	Clinical Practice	
Thursday	16:20	17:00	CARDIOLOGY	Clinical Practice	
Friday	8:00	8:40	CARDIOLOGY	Endocarditis	ADNAN KAYA
Friday	8:50	9:30	CARDIOLOGY	Endocarditis	ADNAN KAYA
Friday	9:40	10:20	CARDIOLOGY	Pericarditis	ADNAN KAYA
Friday	10:30	11:10	CARDIOLOGY	Myocarditis	ADNAN KAYA
Friday	11:20	12:00	CARDIOLOGY	Cardiovascular Disease in Pregnancy	ADNAN KAYA
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	CARDIOLOGY	Clinical Practice	MP GÖZTEPE
Friday	13:50	14:30	CARDIOLOGY	Clinical Practice	
Friday	14:40	15:20	CARDIOLOGY	Clinical Practice	
Friday	15:30	16:10	CARDIOLOGY	Clinical Practice	
Friday	16:20	17:00	CARDIOLOGY	Clinical Practice	

WEEK 3					
Monday	8:00	8:40	CARDIOLOGY	Essential Hypertension (Pathophysiology)	VECİH ODUNCU
Monday	8:50	9:30	CARDIOLOGY	Essential Hypertension (diagnosis)	VECİH ODUNCU
Monday	9:40	10:20	CARDIOLOGY	Essential Hypertension (management)	VECİH ODUNCU
Monday	10:30	11:10	CARDIOLOGY	Secondary Hypertension	VECİH ODUNCU
Monday	11:20	12:00	CARDIOLOGY	Hypertension Emergency	VECİH ODUNCU
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Monday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Monday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Monday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Monday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	
Tuesday	8:00	8:40	CARDIOLOGY	Adult congenital heart disease	İSMAİL ATEŞ
Tuesday	8:50	9:30	CARDIOLOGY	Adult congenital heart disease	İSMAİL ATEŞ
Tuesday	9:40	10:20	CARDIOLOGY	Pulmonary hypertension	İSMAİL ATEŞ
Tuesday	10:30	11:10	CARDIOLOGY	Cardiomyopathies	İSMAİL ATEŞ
Tuesday	11:20	12:00	CARDIOLOGY	<b>STUDY TIME</b>	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Tuesday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Tuesday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Tuesday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	8:00	8:40	CARDIOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	8:50	9:30	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	9:40	10:20	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	10:30	11:10	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	11:20	12:00	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	15:30	16:10	CARDIOLOGY	<i>Clinical Practice</i>	
Wednesday	16:20	17:00	CARDIOLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	CARDIOLOGY	STUDY TIME	
Thursday	8:50	9:30	CARDIOLOGY	STUDY TIME	
Thursday	9:40	10:20	CARDIOLOGY	STUDY TIME	
Thursday	10:30	11:10	CARDIOLOGY	STUDY TIME	
Thursday	11:20	12:00	CARDIOLOGY	STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOLOGY	STUDY TIME	
Thursday	13:50	14:30	CARDIOLOGY	STUDY TIME	
Thursday	14:40	15:20	CARDIOLOGY	STUDY TIME	
Thursday	15:30	16:10	CARDIOLOGY	STUDY TIME	
Thursday	16:20	17:00	CARDIOLOGY	STUDY TIME	
Friday	8:00	8:40	CARDIOLOGY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	CARDIOLOGY		
Friday	9:40	10:20	CARDIOLOGY		
Friday	10:30	11:10	CARDIOLOGY		
Friday	11:20	12:00	CARDIOLOGY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOLOGY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	CARDIOLOGY		
Friday	14:40	15:20	CARDIOLOGY		
Friday	15:30	16:10	CARDIOLOGY		
Friday	16:20	17:00	CARDIOLOGY	<b>FEEDBACK MEETING</b>	



**BAU TIP**

BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE

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BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KARDİYOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....

Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

- Hampton, J.R. (2013). THE ECG IN PRACTICE, Churchill Livingstone
- Griffin B.P., Menon V. (2018) MANUAL OF CARDIOVASCULAR MEDICINE . Fifth Edition. Lippincott Williams &Wilkins

**Değerlendirme :**

Teorik Sınav: % 40

Sözlü Sınav: % 50

Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünleme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN KARDİYOLOJİ MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Kardiyoloji Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
Kardiyovasküler sistem muayenesi	4	
Hasta dosyası hazırlayabilme	4	
Reçete düzenleyebilme	4	
EKG çekebilme ve değerlendirebilme	3	
Periyodik muayene, kontrol (Kardiyak risk hesaplama)	3	
Perikardiyosentez yapabilme	1	
Defibrilasyon uygulayabilme	3	

PERFORMANS NOTU

## CARDIOVASCULAR AND THORACIC SURGERY CLERKSHIP PROGRAM

CARDIOVASCULAR SURGERY		
Mustafa Güler	Prof. M. D.	Head of Department
Sinan Göçer	Assist. Prof. M. D	
Ufuk Çiloğlu	Assist. Prof. M. D	
İlker Tekin	Assist. Prof. M. D	

THORACIC SURGERY		
Cemal Asım Kutlu	Prof. M. D.	Head of Department
Bülent Kargı	Assoc. Prof. M. D	

**AIM:** The purpose of the clerkship is to equip students with the necessary knowledge, skills, and attitudes required to examine and diagnose cardiovascular and thoracic diseases, to provide primary care services, to perform the first interventions of emergent diseases, and to provide referrals informing patients and/or their relatives.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Demonstrate general knowledge of the anatomy, physiology, and pathophysiology of the cardiovascular and respiratory system.
<b>LO 2.</b>	Demonstrate understanding of pathogenesis, pathophysiology, surgical treatment and outcome of the disease processes most frequently encountered in cardiothoracic practice according to the learning levels mentioned in the National Core Education Program.
<b>LO 3.</b>	Gain experience in the initial management and stabilization of patients with acute cardiothoracic emergencies and make patient referrals to appropriate specialized medical departments.
<b>LO 4.</b>	Create an appropriate differential diagnosis.
<b>LO 5.</b>	Discuss the general concept and role of imaging techniques in cardiothoracic surgery diseases.
<b>LO 6.</b>	List the indications for and potential complications of pericardiocentesis.
<b>LO 7.</b>	Evaluate risk factors for cardiovascular and thoracic surgery diseases on an individual basis and provide consultancy.
<b>LO 8.</b>	Demonstrate knowledge necessary for long-term follow up and control in primary care.



**SKILLS:**

<b>LO 9.</b>	Take a detailed relevant history of a patient undergoing a cardiovascular or thoracic surgery.
<b>LO 10.</b>	Perform physical examination of a patient undergoing a cardiovascular or thoracic surgery.
<b>LO 11.</b>	Create an accurate patient record.
<b>LO 12.</b>	Prepare concise discharge and transfer summaries with all relevant information.
<b>LO 13.</b>	Insert a chest tube in an emergent situation according to guidelines.
<b>LO 14.</b>	Perform thoracentesis in an emergent situation according to guidelines.
<b>LO 15.</b>	Perform pericardiocentesis in an emergent situation according to guidelines.
<b>LO 16.</b>	Perform and remove a simple suture.

**ATTITUDES:**

<b>LO 17.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 18.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 19.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 20.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 21.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 22.</b>	Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU-BASIC</b>	Anatomy of heart and great vessels (1 hour)	LO 1, LO 21
<b>Heart murmur, abdominal pain, abdominal mass</b>	Aortic Aneurysm	Ön T	Aortic Aneurysm (1hour)	LO 1, LO 2, LO 4, LO 5, LO 21
<b>Chest pain, heart murmur, abdominal pain</b>	Aortic Dissection	A	Aortic Dissection (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 5, LO 21
<b>Palpitation, dyspnea, hemoptysis, heart murmur, syncope, cyanosis</b>	Valvular Heart Disease	Ön T-K	Surgical Treatment of Valvular Heart Disease (2 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
<b>Clubbing, dyspnea, chest pain, hemoptysis, weight loss, lymphadenopathy, coughing/expectoration, hoarseness, smoking</b>	Lung cancer	Ön T-K	Lung cancer (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
	Deep vein thrombosis	Ön T-K	Deep vein thrombosis (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
<b>Musculoskeletal system pain</b>	Thrombophlebitis	T-K	Thrombophlebitis (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
<b>Skin, hair and nail changes (xerosis, discoloration, etc.)</b>	Varicose veins of extremity/ Venous Insufficiency	Ön T-K	Venous System Diseases (Varicose veins; Chronic Venous Insufficiency) (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
<b>Growth retardation, clubbing, skin, hair and nail changes (xerosis, discoloration, etc.), dyspnea, sucking difficulty, heart murmur, cyanosis</b>	Congenital Heart Disease	Ön T	Congenital Heart Disease (cyanotic, acyanotic) (2 hours)	LO 1, LO 2, LO 4, LO 5, LO 21
<b>Chest pain</b>	Chronic coronary artery disease	Ön T-K-İ	Surgical Treatment of Coronary Artery Disease (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 8
	Lymphedema	Ön T-K-İ	Lymphatic System Diseases (Lymphedema) (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 8, LO 21

<b>Skin, hair and nail changes (xerosis, discoloration, etc.), claudication intermittent, smoking</b>	Peripheric Arterial Disease	Ön T-A	Peripheric Arterial Disease (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 5, LO 21
	Vascular malformation	Ön T	Vascular malformation (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 21
<b>Dyspnea, chest pain, hypotension,</b>	Pericardial Diseases	Ön T	Pericardial Diseases (Pericardial effusion/ tamponade; pericardiocentesis) (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 6, LO 21
<b>Dyspnea, chest pain, coughing/expectoration</b>	Pleural Diseases	Ön T	Pleural Diseases (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 21
<b>Dyspnea, chest pain</b>	Pneumothorax	A	Pneumothorax (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 5, LO 21
<b>Sore throat, dyspnea, wheezing, snoring, coughing/expectoration, stridor, foreign body (aspiration), sucking difficulty</b>	Foreign body related problems	T-A-K	Tracheobronchial and Esophageal Foreign Bodies (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7
<b>Neck pain, dyspnea</b>	Trauma	A	Thoracic Emergencies and Trauma (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 5
<b>Chest wall anomalies</b>	Congenital Deformities	T-K	Chest Wall Deformities (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 7, LO 21
<b>Dyspnea, hypotension, chest pain</b>	Trauma	A	Cardiovascular Emergencies (1 hour)	
		<b>BAU-Ön T</b>	Cardiac Neoplasms (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 21
		<b>BAU-Ön T</b>	Mediastinal disease and tumors (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 21
		<b>BAU-Ön T, A</b>	Trachea and main airways disease (1 hour)	LO 1, LO 2, LO 4, LO 5, LO 21

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

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MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
Group 1	03.10.2022-21.10.2022
Group 2	26.12.2022-13.01.2023
Group 3	06.02.2023-24.02.2023
Group 4	10.04.2023 - 05.05.2023

- Cohn L. H., Adams D.H. (2017) CARDIAC SURGERY IN THE ADULT (Fifth Edition), McGraw-Hill Education.

**BAU TIP**  
BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
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DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Introduction to Cardiovascular Surgery Clerkship	MUSTAFA GÜLER
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC	Anatomy of heart and great vessels	UFUK ÇİLOĞLU
Monday	9:40	10:20	CARDIOVASCULAR-THORACIC	Aortic Aneurysm and Aortic Dissection	UFUK ÇİLOĞLU
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC	Surgical Treatment of Coronary Artery Disease	UFUK ÇİLOĞLU
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC	STUDY TIME	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Introduction and Short History of Thoracic Surgery	CEMAL ASIM KUTLU
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Surgical Treatment of Valvular Heart Disease (Mitral and Tricuspid Valve)	MUSTAFA GÜLER
Thursday	8:50	9:30	CARDIOVASCULAR-THORACIC	Surgical Treatment of Valvular Heart Disease (Aortic)	MUSTAFA GÜLER
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC	Trauma (Cardiovascular Emergencies)	UFUK ÇİLOĞLU
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC	Venous System Diseases (Varicose veins; Chronic)	İLKER TEKİN
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC	Lymphatic System Diseases (Lymphedema)	İLKER TEKİN
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC	Deep vein thrombosis, Thrombophlebitis	İLKER TEKİN
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC	Deep vein thrombosis, Thrombophlebitis	İLKER TEKİN
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC	Congenital Heart Disease-cyanotic	İLKER TEKİN
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC	Congenital Heart Disease-acyanotic	İLKER TEKİN
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	

			WEEK 2		
Monday	8:00	8:40	CARDIOVASCULAR-THORACIC	Thoracic Emergencies and Trauma	BÜLENT KARGI
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Tracheobronchial and esophageal Foreign Bodies	BÜLENT KARGI
Monday	9:40	10:20	CARDIOVASCULAR-THORACIC	Pleural Diseases	BÜLENT KARGI
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC	Mediastinal disease and tumors	BÜLENT KARGI
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC	STUDY TIME	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC	Chest Wall Deformities	CEMAL ASIM KUTLU
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Lung Cancer	CEMAL ASIM KUTLU
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Pneumothorax	CEMAL ASIM KUTLU
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Trachea and main airways diseases	CEMAL ASIM KUTLU
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC	STUDY TIME	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Thursday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC	Cardiac Neoplasms	SİNAN GÖÇER
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC	Peripheric Arterial Disease	SİNAN GÖÇER
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC	Vascular malformations	SİNAN GÖÇER
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Pericardial Diseases (Pericardial effusion/ tamponade; pericardiocentesis)-I	SİNAN GÖÇER
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	

			WEEK3		
Monday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC	Clinical Practice	MP GÖZTEPE
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC	Clinical Practice	
Thursday	8:00	8:40	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	8:50	9:30	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC	STUDY TIME	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC	STUDY TIME	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC	EXAMINATIONS	
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC		
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC		
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC		
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC	EXAMINATIONS	
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC		
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC		
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC		
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC	FEEDBACK MEETING	



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KALP VE DAMAR CERRAHİSİ, GÖĞÜS CERRAHİSİ  
ANABİLİM DALLARI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....

Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

- Cardiac Surgery in the Adult (5th Edition): Lawrence H. Cohn, David H. Adams

**Değerlendirme :**

Teorik Sınav: % 40

Sözlü Sınav: % 50

Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN GÖĞÜS CERRAHİSİ/KALP ve DAMAR CERRAHİSİ MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
Aydınlatma ve onam alabilme	4	
<u>Epikriz hazırlayabilme</u>	4	
<u>Hasta dosyası hazırlayabilme</u>	4	
<u>Toraks Tüpü uygulaması</u>	2	GÖZLEM, MAKET
<u>Plevral ponksiyon/torasentez yapabilme</u>	2	GÖZLEM, MAKET
<u>Perikardiyosentez uygulayabilme</u>	1	GÖZLEM
<u>Yüzevel sütür atabilme ve alabilme</u>	3	
PERFORMANS NOTU		



## DERMATOLOGY CLERKSHIP PROGRAM

DERMATOLOGY		
Sıla Kılıç Sayar	Assist Prof. M.D.	
Pelin Kuteyla Can	Assist Prof. M.D.	
Eylem Emel Arıkan	Assist Prof. M.D.	
Berna Aksoy	Assoc. Prof. M.D.	
Neslihan Fişek İzci	M.D.	

**AIM:** The purpose of Dermatology Clerkship is to provide necessary knowledge, skills and attitudes required for diagnosis, treatment and prevention of basic diseases and symptoms in the field of dermatology and venereology.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

- LO 1.** Demonstrate knowledge necessary for the recognition of dermatological problems most frequently encountered by primary care practitioner doctors in our country, according to the learning levels mentioned in the National Core Education Program.
- LO 2.** Apply clinical knowledge and laboratory skills to make a diagnosis.
- LO 3.** Describe the diagnostic and therapeutic approaches of common skin diseases with high morbidity and mortality.
- LO 4.** Identify systemic diseases that give early diagnostic clues in the skin and refer the patients to the relevant departments.
- LO 5.** Explain referral indications in dermatological diseases.
- LO 6.** Inform patients and health personnel about contagious skin diseases and methods of protection.
- LO 7.** List the dermatological diseases that must be notified and methods for legal notification.
- LO 8.** Diagnose dermatologic diseases (such as urticaria, angioedema, erythroderma, toxic epidermal necrolysis) that require urgent intervention, perform emergency treatment at primary level and refer appropriately.
- LO 9.** Evaluate risk factors for dermatological diseases on an individual basis and provide consultancy.
- LO 10.** Demonstrate knowledge necessary for long-term follow up and control in primary care.

**SKILLS:**

- 
- LO 11.** Use effective communication skills, get detailed and reliable dermatologic history.
- 
- LO 12.** Examine the skin, skin appendages and mucous membranes, identify subjective and objective findings and make a differential diagnosis by the help of these findings.
- 

**ATTITUDES:**

- 
- LO 17.** Communicate effectively and empathetically with patients and their families.
- 
- LO 18.** Establish and maintain effective working relationships with colleagues and health care professionals.
- 
- LO 19.** Display sufficient social skills when forming a patient-doctor relationship.
- 
- LO 20.** Evaluate the patient as a whole, not only his/her complaint.
- 
- LO 21.** Utilize the library and its resources to research clinical questions that arise during patient care and management.
- 
- LO 22.** Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.
- 
- LO 23.** Recognize the importance of changing false and negative prejudices and attitudes towards skin diseases in society.
- 

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
<b>Skin, hair and nail changes (xerosis, discoloration etc.)</b>	Acne vulgaris and rosacea	TT-İ	Acne vulgaris and rosacea (2 hours), Rational topical and systemic drug usage in dermatology (1 hour)	LO 1, LO 2, LO 10, LO 21
<b>Alopecia</b>	Alopecia	Ön T	Approach to Alopecia (1 hour)	LO 1, LO 5, LO 23
<b>Skin lesions [maculopapular, bullous, vesicular]</b>	Bullous Diseases	Ön T	Skin lesions [maculopapular, bullous, vesicular] (1 hour)	LO 1, LO 5, LO 6
<b>Skin, hair and nail changes (xerosis, discoloration etc.)</b>	Skin Cancer	Ön T-K	Skin cancers (1 hour), Etiology and prevention of skin cancers (1 hour), Benign Skin lesions (1 hour)	LO 1, LO 3, LO 5, LO 9, LO 21, LO 21
<b>Pruritis, alopecia</b>	Skin and soft tissue infections and abscesses	TT-K	Viral skin infections (2 hours), Skin and soft tissue infections and abscesses (2 hours), Superficial Fungal Infections (3 hours), Rational topical and systemic drug usage in dermatology (1 hour), Dermatological Wound Care (1 hour)	LO 1, LO 2, LO 9, LO 21
<b>Skin, hair and nail changes (xerosis, discoloration etc.), pruritis</b>	Parasitic skin diseases	TT-K	Approach to a patient with pruritis (1 hour), Parasitic skin diseases-Tick Removal (2 hours), Rational topical and systemic drug usage in dermatology (1 hour)	LO 1, LO 2, LO 9, LO 21
<b>Skin lesions [maculopapular, bullous, vesicular], pruritis</b>	Dermatitis (Atopic, Seborrheic, Contact, Diaper)	TT-K-İ	Eczema I: atopic dermatitis, seborrheic dermatitis ( 1 hour), Eczema II: contact dermatitis, diaper dermatitis ( 1 hour), Rational topical and systemic drug usage in dermatology (1 hour)	LO 1, LO 2, LO 9, LO 10, LO 21
<b>Skin lesions [maculopapular, bullous, vesicular], Skin, hair and nail changes (xerosis, discoloration etc.), pruritis</b>	Psoriasis, lichen planus and pityriasis rose	T	Papulosquamous diseases: psoriasis, lichen planus and pityriasis rose (1 hour)	LO 1, LO 2, LO 21
<b>Skin lesions [maculopapular, bullous, vesicular]</b>	Reactive Dermatoses (erythema multiforme, erythema nodosum)	T	Reactive Dermatoses (1 hour)	LO 1, LO 2, LO 21
<b>Fever, Skin lesions [maculopapular, bullous, vesicular]</b>	Anthrax	Ön T-K	Other skin infections: cutaneous tuberculosis; leprosy; leishmaniasis, anthrax (1 hour)	LO 1, LO 5, LO 7, LO 9

<b>Skin, hair and nail changes (xerosis, discoloration etc.)</b>	Vitiligo	T	Skin, hair and nail changes (xerosis, discoloration, sweating alterations etc.) (1 hour), Vitiligo and other pigmentary disorders (1 hour)	LO 1, LO 2, LO 21
<b>Fever</b>	Leishmaniasis	Ön T-K	Other skin infections: cutaneous tuberculosis; leprosy; leishmaniasis, anthrax (1 hour)	LO 1, LO 5, LO 7, LO 9
<b>Skin lesions [maculopapular, bullous, vesicular], pruritis,</b>	Urticaria- Angioedema	TT-A-K	Urticaria- Angioedema (1 hour), Drug Reactions (1 hour)	LO 1, LO 2, LO 8, LO 9, LO 21
<b>Oral lesions</b>	Moniliasis	TT-K	Approach to oral lesions (1 hour), Superficial Fungal Infections (1 hour)	LO 1, LO 2, LO 9, LO 21

MEASUREMENT& EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

- Bologna J. L., Schaffer J. V., Duncan K. O. , J. Ko C. (2021) DERMATOLOGY ESSENTIALS, 2<sup>nd</sup> Edition, Elsevier.
- Habif T.P., By Dinulos. (2021) HABIF'S CLINICAL DERMATOLOGY: A COLOR GUIDE TO DIAGNOSIS AND THERAPY 7<sup>th</sup> Edition, Elsevier.
- Wolff K., Johnson R.A., Saavedra A., Roh E. (2017). FITZPATRICK'S COLOR ATLAS, 8<sup>th</sup> Edition, Mc Graw Hill Professional Publishing

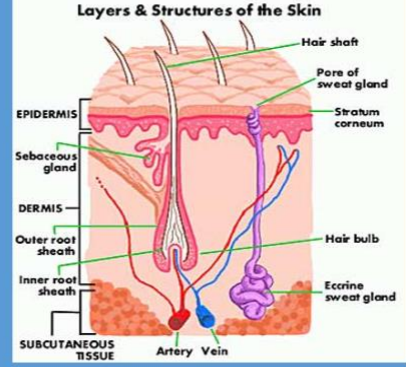
GROUPS	DATES
<b>Group 1</b>	29.08.2022-09.09.2022
<b>Group 2</b>	21.11.2022-02.12.2022
<b>Group 3</b>	02.01.2023-13.01.2023
<b>Group 4</b>	06.03.2023-17.03.2023

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	9:00 -10:30		CLASS 5	<i>Orientation Seminar- Introduction to Class 5</i>	Sebahat Dilek TORUN
Monday			COORDINATOR	<i>National Core Education Program</i>	
Monday			MEDICAL	<i>Rules to obey in clinical settings</i>	Demet KOÇ
Monday			EDUCATION	<i>Program Evaluation-Accreditation</i>	
Monday	11:20	12:00	DERMATOLOGY		
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	DERMATOLOGY		
Monday	13:50	14:30	DERMATOLOGY		
Monday	14:40	15:20	DERMATOLOGY		
Monday	15:30	16:10	DERMATOLOGY		
Monday	16:20	17:00	DERMATOLOGY		
Tuesday	8:00	8:40	DERMATOLOGY	<b>National Holiday-Victory Day</b>	
Tuesday	8:50	9:30	DERMATOLOGY		
Tuesday	9:40	10:20	DERMATOLOGY		
Tuesday	10:30	11:10	DERMATOLOGY		
Tuesday	11:20	12:00	DERMATOLOGY		
Tuesday	12:00	13:00	DERMATOLOGY		
Tuesday	13:00	13:40	DERMATOLOGY		
Tuesday	13:50	14:30	DERMATOLOGY		
Tuesday	14:40	15:20	DERMATOLOGY		
Tuesday	15:30	16:10	DERMATOLOGY		
Tuesday	16:20	17:00	DERMATOLOGY		
Wednesday	8:00	8:40	DERMATOLOGY		Introduction to Dermatology Clerkship
Wednesday	8:50	9:30	DERMATOLOGY	Skin lesions [maculopapular, bullous, vesicular]	Emel Eylem Arıkan
Wednesday	9:40	10:20	DERMATOLOGY	Parasitic skin disease	Emel Eylem Arıkan
Wednesday	10:30	11:10	DERMATOLOGY	Parasitic skin diseases-Tick Removal	Emel Eylem Arıkan
Wednesday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Emel Eylem Arıkan
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	DERMATOLOGY	Other skin infections: cutaneous tuberculosis; leprosy; leishmaniasis, anthrax	Emel Eylem Arıkan
Wednesday	13:50	14:30	DERMATOLOGY	Superficial Fungal Infections	Emel Eylem Arıkan
Wednesday	14:40	15:20	DERMATOLOGY	Superficial Fungal Infections- Moniliasis	Emel Eylem Arıkan
Wednesday	15:30	16:10	DERMATOLOGY	Papulosquamous diseases: psoriasis, lichen planus and pityriasis rosea	Emel Eylem Arıkan
Wednesday	16:20	17:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Emel Eylem Arıkan
Thursday	8:00	8:40	DERMATOLOGY	Viral skin infections	Sıla Kılıç Sayar
Thursday	8:50	9:30	DERMATOLOGY	Viral skin infections	Sıla Kılıç Sayar
Thursday	9:40	10:20	DERMATOLOGY	Eczema I: atopic dermatitis, seborrheic dermatitis	Sıla Kılıç Sayar
Thursday	10:30	11:10	DERMATOLOGY	Eczema II: contact dermatitis, diaper dermatitis	Sıla Kılıç Sayar
Thursday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Sıla Kılıç Sayar
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	DERMATOLOGY	Skin and soft tissue infections and abscesses	Sıla Kılıç Sayar
Thursday	13:50	14:30	DERMATOLOGY	Skin and soft tissue infections and abscesses	Sıla Kılıç Sayar
Thursday	14:40	15:20	DERMATOLOGY	Rational topical and systemic drug usage in dermatology	Sıla Kılıç Sayar
Thursday	15:30	16:10	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Sıla Kılıç Sayar
Thursday	16:20	17:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Sıla Kılıç Sayar
Friday	8:00	8:40	DERMATOLOGY	Approach to Alopecia	Neslihan Fişek İzci
Friday	8:50	9:30	DERMATOLOGY	Benign Skin lesions	Neslihan Fişek İzci
Friday	9:40	10:20	DERMATOLOGY	Etiology and prevention of skin cancers	Neslihan Fişek İzci
Friday	10:30	11:10	DERMATOLOGY	Skin cancers	Neslihan Fişek İzci
Friday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Neslihan Fişek İzci
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	DERMATOLOGY	Acne vulgaris and rosacea	Neslihan Fişek İzci
Friday	13:50	14:30	DERMATOLOGY	Acne vulgaris and rosacea	Neslihan Fişek İzci
Friday	14:40	15:20	DERMATOLOGY	Reactive Dermatoses	Neslihan Fişek İzci
Friday	15:30	16:10	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Neslihan Fişek İzci
Friday	16:20	17:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	Neslihan Fişek İzci

				<b>WEEK 2</b>	
Monday	8:00	8:40	DERMATOLOGY	Urticaria- Angioedema	Pelin Kuteyla Can
Monday	8:50	9:30	DERMATOLOGY	Drug reactions	Pelin Kuteyla Can
Monday	9:40	10:20	DERMATOLOGY	Skin, hair and nail changes (xerosis, discoloration, sweating alterations etc.)	Pelin Kuteyla Can
Monday	10:30	11:10	DERMATOLOGY	Vitiligo and other pigmentary disorders	Pelin Kuteyla Can
Monday	11:20	12:00	DERMATOLOGY	CASE DISCUSSIONS	Pelin Kuteyla Can
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	DERMATOLOGY	Approach to a patient with pruritus	Pelin Kuteyla Can
Monday	13:50	14:30	DERMATOLOGY	Approach to oral lesions	Pelin Kuteyla Can
Monday	14:40	15:20	DERMATOLOGY	Dermatologic wound care	Pelin Kuteyla Can
Monday	15:30	16:10	DERMATOLOGY	CASE DISCUSSIONS	Pelin Kuteyla Can
Monday	16:20	17:00	DERMATOLOGY	Discussion and Review of the lectures	Pelin Kuteyla Can
Tuesday	8:00	8:40	DERMATOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Tuesday	8:50	9:30	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	9:40	10:20	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	10:30	11:10	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	11:20	12:00	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	DERMATOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	14:40	15:20	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	15:30	16:10	DERMATOLOGY	<i>Clinical Practice</i>	
Tuesday	16:20	17:00	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	8:00	8:40	DERMATOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	8:50	9:30	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	9:40	10:20	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	10:30	11:10	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	11:20	12:00	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	DERMATOLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	15:30	16:10	DERMATOLOGY	<i>Clinical Practice</i>	
Wednesday	16:20	17:00	DERMATOLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	8:50	9:30	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	9:40	10:20	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	10:30	11:10	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	11:20	12:00	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	13:50	14:30	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	14:40	15:20	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	15:30	16:10	DERMATOLOGY	<b>STUDY TIME</b>	
Thursday	16:20	17:00	DERMATOLOGY	<b>STUDY TIME</b>	
Friday	8:00	8:40	DERMATOLOGY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	DERMATOLOGY		
Friday	9:40	10:20	DERMATOLOGY		
Friday	10:30	11:10	DERMATOLOGY		
Friday	11:20	12:00	DERMATOLOGY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	DERMATOLOGY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	DERMATOLOGY		
Friday	14:40	15:20	DERMATOLOGY		
Friday	15:30	16:10	DERMATOLOGY		
Friday	16:20	17:00	DERMATOLOGY	<b>FEEDBACK MEETING</b>	



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BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
DERMATOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ...../...../.....  
Mesleki Uygulama Bitiş Tarihi : ...../...../.....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirme / değerlendirme yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

Lindsay K.W., Bone I., Fuller G. (2011) NEUROLOGY AND NEUROSURGERY ILLUSTRATED, Churchill Livingstone

**Değerlendirme :**

Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

NÖROLOJİK HASTALIKLAR TEMEL HEKİMLİK UYGULAMALARI	ÖĞRENME DÜZEYİ	PUAN	İMZA
1 GENEL VE SORUNA YÖNELİK ÖYKÜ ALABİLME	4		
2 MENTAL DURUMU DEĞERLENDİREBİLME	3		
3 BİLİNÇ DEĞERLENDİRME	4		
4 NÖROLOJİK MUAYENE	3		
5 GLASGOW KOMA SKALASINI DEĞERLENDİREBİLME	4		
6 MİNİMENTAL DURUM MUAYENESİ	3		
7 TEORİK DERSLERE AKTİF KATILIM	4		
8 PRATİK DERSLERE AKTİF KATILIM	4		
9 TARAMA VE TANISAL AMAÇLI İNCELEME SONUÇLARINI YORUMLAYABİLME	3		
10 SAĞLIK EKİBİ İÇİNDEKİ DAVRANIŞ VE TUTUMU			
PERFORMANS NOTU			

## FORENSIC MEDICINE CLERKSHIP PROGRAM

FORENSIC MEDICINE		
Mahmut Aşirdizar	Prof. M. D.	Head of Department

**AIM:** The aims of the Forensic Medicine Clerkship are to provide information about the forensic medicine procedures, the importance of multidisciplinary approach in forensic medicine practices, death and post-mortem changes, the characteristics and types of wounds and medicolegal evaluation of wounds, medicolegal autopsies, medical malpractices, and physicians' legal responsibilities, to prepare students for the forensic case evaluation procedure they may encounter throughout their professional life.

### LEARNING OBJECTIVES:

*At the end of this clerkship, the student should be able to:*

#### KNOWLEDGE:

LO 1.	Define the field of forensic sciences and forensic medicine, explain its scope and history.
LO 2.	Define medical malpractice and to be protected from it.
LO 3.	Describe means and types of death, early and late postmortem changes.
LO 4.	Define what does asphyxia mean, types of asphyxia.
LO 5.	Define and classify the wounds, diagnose different types of wounds.
LO 6.	Define scene investigation and death examination and their procedures .
LO 7.	Conduct visually interpreting lesions in forensic cases.
LO 8.	Distinguish and manage forensic cases.
LO 9.	Define aims of autopsy, procedure of autopsy and autopsy types.
LO 10.	Describe the types of poisoning and findings of autopsy.
LO 11.	Describe meaning of violence against women, child, elder and other vulnerable groups and their clinical findings.
LO 12.	Describe forensic psychiatric principles
LO 13.	Describe the clinical symptoms of alcohol and drug use.
LO 14.	Define approaching to a forensic case.
LO 15.	Define the consultations that should be asked in judicial cases.
LO 16.	List the tests to be demanded in judicial cases.
LO 17.	Describe procedures to be performed in cases of sexual assault.

#### SKILLS:

LO 18.	Take a medical history.
LO 19.	Conduct forensic examination and reporting process.



**LO 20.** Prepare medicolegal reports.

**ATTITUDES:**

**LO 21.** Maintain empathy and effective communication.

**LO 22.** Establish and maintain effective working relationships with colleagues and health care professionals.

**LO 23.** Maintain confidentiality of case information.

**LO 24.** Maintain positive attitude and good work ethic.

**LO 25.** Demonstrate respect, compassion, integrity, and responsiveness to the needs of family members.

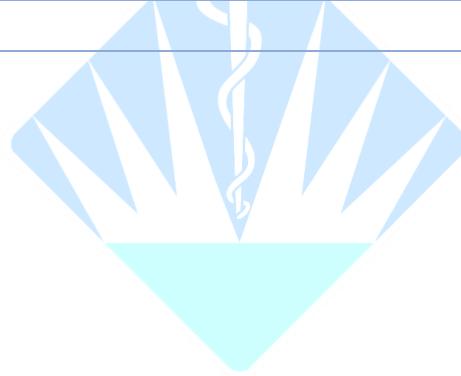
Topic (1 hour=40 minutes)	Learning Level	Learning Objective
Introduction to Forensic Medicine, Forensic Science in Turkey and the World		LO1
Deaths: Definition, Diagnosis, Agony		LO 3, LO 7
Deaths: Pseudo-Death, Brain Death, Transplantation, Euthanasia		LO 3, LO 7
Deaths: Early Postmortem Changes, Livor Mortis		LO 3, LO 7
Deaths: Rigor Mortis, Putrefaction		LO 3, LO 7
Deaths: Putrefaction, Exceptions of Putrefaction		LO 3, LO 7
Natural Deaths - Sudden Deaths		LO 7
Forensic Obstetrics		LO 7
Wounds: Definition and classification, Blunt Trauma		LO 5, LO 7
Wounds: Cutting and Piercing Tool Wounds		LO 5, LO 7
Gunshot Wounds		LO 5, LO 7, LO 16
Shotgun Wounds		LO 5, LO 7
Explosion Injuries, Burns	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 5, LO 7
Electrocution, Lightning, Hypothermia, Hyperthermia, Simulation Injuries.		LO 5, LO 7
Road Traffic Accident-Related Injuries		LO 5, LO 7
Regional Injuries		LO 5, LO 7
Identification		LO 6
Scene Investigation: Definition, General Procedures	<b>LIST OF BASIC MEDICAL PRACTICES (3)</b>	LO 6, LO 7
Scene Investigation: Procedures According to Event Types		LO 6, LO 7
Asphyxia: Introduction, Hanging		LO 4, LO 7
Asphyxia: Hanging, Strangulations		LO 4, LO 7
Asphyxia: Suffocations		LO 4, LO 7
Asphyxia: Suffocating Gases, Chemical Asphyxias		LO 4, LO 7, LO 10

Asphyxia: Chemical Asphyxias, Autoerotic and Dyadic Deaths		LO 4, LO 7, LO 10
Asphyxia: Drowning		LO 4, LO 7, LO 16
Forensic Toxicology		LO 7, LO 10, LO 13
Death Examination	<b>LIST OF BASIC MEDICAL PRACTICES (3)</b>	LO 6
Setting of death certificate		LO 22
Medicolegal Autopsy	<b>LIST OF BASIC MEDICAL PRACTICES (2)</b>	LO 7, LO 9
Medicolegal Autopsy (Video)		LO 7, LO 9
Medicolegal Autopsy (Video)		LO 7, LO 9
Violence (Mobbing etc.)	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 11,
Domestic Violence, Child Abuse		LO 7, LO 8, LO 11, LO 14, LO 18, LO 21, LO 25
Domestic Violence, (elderly etc.)		LO 7, LO 8, LO 11, LO 14, LO 18, LO 21, LO 25
Forensic Psychiatry, Introduction, Criminal Liability	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 12
Forensic Psychiatry, Criminal Liability, Drug Abuse, Legal Liability		LO 12, LO 13
General Approach to Sexual Crimes and Legal Concepts	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 7, LO 17
Forensic Medical Examination of Sexual Assault Victim		LO 7, LO 14, LO 17, LO 18, LO 25
Setting a Forensic Report in Case of Sexual Assault		LO 7, LO 8, LO 14, LO 16, LO 17, LO 21, LO 23
Legal Responsibilities of Physicians	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 2, LO 23, LO 24, LO 25
Medical Malpractice		LO 2
Sampling		LO 6, LO 9
Evaluation of Forensic Case and Reporting	<b>LIST OF BASIC MEDICAL PRACTICES (3)</b>	LO 7, LO 8, LO 14, LO 18, LO 19, LO 21, LO 25
Evaluation of Forensic Case and Reporting		LO 7, LO 8, LO 14, LO 18, LO 19, LO 21, LO 25
Evaluation of Forensic Case and Reporting		LO 7, LO 8, LO 15, LO 19, LO 20, LO 22
Evaluation of Forensic Case and Reporting		LO 7, LO 8, LO 15, LO 16, LO 20, LO 22
Evaluation of Forensic Case and Reporting Practices (18 Hours)		LO 7, LO 8, LO 14, , LO 15, LO 18, LO 19, LO 20, LO 22
Evaluation of Forensic Case and Reporting		LO 7, LO 8, LO 15, LO 21
Ethics and Human Rights-1	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	LO 7, LO 8, LO 15, LO 21
Ethics and Human Right2		LO 7, LO 8, LO 15, LO 16, LO 21

MEASUREMENT & EVALUATION	
Reporting	50%
Theoretical Examination (25 MCQs, short answer, matching questions)	50 %
TOTAL	100 %

- Aşirdizer M, Yavuz MS, Zeyfeolu Y. Celal Bayar Üniversitesi Tıp Fakültesi Adli Tıp Stajı Ders Notları.2005. [https://www.researchgate.net/publication/263976585\\_Celal\\_Bayar\\_Universitesi\\_Tip\\_Fakultesi\\_Adli\\_Tip\\_Staji\\_Ders\\_Notlari\\_Textbook\\_of\\_Forensic\\_Medicine\\_Internship\\_of\\_Medical\\_Faculty\\_Celal\\_Bayar\\_University](https://www.researchgate.net/publication/263976585_Celal_Bayar_Universitesi_Tip_Fakultesi_Adli_Tip_Staji_Ders_Notlari_Textbook_of_Forensic_Medicine_Internship_of_Medical_Faculty_Celal_Bayar_University)

GROUPS	DATES
Group 1+2	10.10.2022-21.10.2022
Group 3+4	06.03.2023-17.03.2023



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DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	08:00	08:40	FORENSIC MED.	Getting Started with Internship	MAHMUT AŞIRDİZER
Monday	08:50	09:30	FORENSIC MED.	Introduction to Forensic Medicine, Forensic Science in Turkey and the World	MAHMUT AŞIRDİZER
Monday	09:40	10:20	FORENSIC MED.	Deaths-1: Definition, Diagnosis, Agony	MAHMUT AŞIRDİZER
Monday	10:30	11:10	FORENSIC MED.	Deaths-2: Pseudo-Death, Brain Death, Transplantation, Euthanasia	MAHMUT AŞIRDİZER
Monday	11:20	12:00	FORENSIC MED.	Deaths-3: Early Postmortem Changes, Livor Mortis	MAHMUT AŞIRDİZER
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	FORENSIC MED.	Death-4: Rigor Mortis, Putrefaction	MAHMUT AŞIRDİZER
Monday	13:50	14:30	FORENSIC MED.	Death-5: Putrefaction, Exceptions of Putrefaction	MAHMUT AŞIRDİZER
Monday	14:40	15:20	FORENSIC MED.	Natural - Sudden Deaths	MAHMUT AŞIRDİZER
Monday	15:30	16:10	FORENSIC MED.	Forensic Obstetrics	MAHMUT AŞIRDİZER
Monday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Tuesday	08:00	08:40	FORENSIC MED.	Wounds-1: Definition and classification, Blunt Trauma	MAHMUT AŞIRDİZER
Tuesday	08:50	09:30	FORENSIC MED.	Wounds-2: Cutting and Piercing Tool Wounds	MAHMUT AŞIRDİZER
Tuesday	09:40	10:20	FORENSIC MED.	Wounds-3: Gunshot Wounds	MAHMUT AŞIRDİZER
Tuesday	10:30	11:10	FORENSIC MED.	Wounds-4: Shotgun Wounds	MAHMUT AŞIRDİZER
Tuesday	11:20	12:00	FORENSIC MED.	Other Injuries-1: Explosions, Burns	MAHMUT AŞIRDİZER
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	FORENSIC MED.	Other Injuries-2: Electrocutation, Lightning, Hypothermia, etc.	MAHMUT AŞIRDİZER
Tuesday	13:50	14:30	FORENSIC MED.	Other Injuries-3: Road Traffic Accidents	MAHMUT AŞIRDİZER
Tuesday	14:40	15:20	FORENSIC MED.	Regional Injuries	MAHMUT AŞIRDİZER
Tuesday	15:30	16:10	FORENSIC MED.	Identification	MAHMUT AŞIRDİZER
Tuesday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	08:00	08:40	FORENSIC MED.	Scene Investigation-1: Definition, General Procedures	MAHMUT AŞIRDİZER
Wednesday	08:50	09:30	FORENSIC MED.	Scene Investigation-2: Procedures According to Event Types	MAHMUT AŞIRDİZER
Wednesday	09:40	10:20	FORENSIC MED.	Asphyxia-1: Introduction, Hanging	MAHMUT AŞIRDİZER
Wednesday	10:30	11:10	FORENSIC MED.	Asphyxia-2: Hanging, Strangulations	MAHMUT AŞIRDİZER
Wednesday	11:20	12:00	FORENSIC MED.	Asphyxia-3: Suffocations	MAHMUT AŞIRDİZER
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	13:50	14:30	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	14:40	15:20	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	15:30	16:10	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Thursday	08:00	08:40	FORENSIC MED.	Asphyxia-4: Suffocating Gases, Chemical Asphyxias	MAHMUT AŞIRDİZER
Thursday	08:50	09:30	FORENSIC MED.	Asphyxia-5: Chemical Asphyxias, Autoerotic and Dyadic Deaths	MAHMUT AŞIRDİZER
Thursday	09:40	10:20	FORENSIC MED.	Asphyxia-6: Drowning	MAHMUT AŞIRDİZER
Thursday	10:30	11:10	FORENSIC MED.	Forensic Toxicology	MAHMUT AŞIRDİZER
Thursday	11:20	12:00	FORENSIC MED.	Death Examination	MAHMUT AŞIRDİZER
Thursday	12:00	13:00	FORENSIC MED.	<b>LUNCH</b>	
Thursday	13:00	13:40	FORENSIC MED.	Setting of death certificate	MAHMUT AŞIRDİZER
Thursday	13:50	14:30	FORENSIC MED.	Medicolegal Autopsy	MAHMUT AŞIRDİZER
Thursday	14:40	15:20	FORENSIC MED.	Medicolegal Autopsy (Video)	MAHMUT AŞIRDİZER
Thursday	15:30	16:10	FORENSIC MED.	Medicolegal Autopsy (Video)	MAHMUT AŞIRDİZER
Thursday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Friday	08:00	08:40	FORENSIC MED.	Violence	MAHMUT AŞIRDİZER
Friday	08:50	09:30	FORENSIC MED.	Domestic Violence - Vulnerable Groups (elderly etc.)	MAHMUT AŞIRDİZER
Friday	09:40	10:20	FORENSIC MED.	Domestic Violence -Child Abuse	MAHMUT AŞIRDİZER
Friday	10:30	11:10	FORENSIC MED.	Forensic Psychiatry-1: Introduction, Criminal Liability	MAHMUT AŞIRDİZER
Friday	11:20	12:00	FORENSIC MED.	Forensic Psychiatry-2: Criminal Liability, Drug Abuse, Legal Liability	MAHMUT AŞIRDİZER
Friday	12:00	13:00	FORENSIC MED.	<b>LUNCH</b>	
Friday	13:00	13:40	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Friday	13:50	14:30	FORENSIC MED.	General Approach to Sexual Crimes and Legal Concepts	MAHMUT AŞIRDİZER
Friday	14:40	15:20	FORENSIC MED.	Forensic Medical Examination of Sexual Assault Victim	MAHMUT AŞIRDİZER
Friday	15:30	16:10	FORENSIC MED.	Setting a Forensic Report in Case of Sexual Assault	MAHMUT AŞIRDİZER
Friday	16:20	17:00	FORENSIC MED.	Legal Responsibilities of Physicians	MAHMUT AŞIRDİZER

				<b>WEEK 2</b>	
Monday	08:00	08:40	FORENSIC MED.	Medical Malpractice	MAHMUT AŞIRDİZER
Monday	08:50	09:30	FORENSIC MED.	Sampling	MAHMUT AŞIRDİZER
Monday	09:40	10:20	FORENSIC MED.	Evaluation of Forensic Case and Raporting-1	MAHMUT AŞIRDİZER
Monday	10:30	11:10	FORENSIC MED.	Evaluation of Forensic Case and Raporting-2	MAHMUT AŞIRDİZER
Monday	11:20	12:00	FORENSIC MED.	Evaluation of Forensic Case and Raporting-3	MAHMUT AŞIRDİZER
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	FORENSIC MED.	Evaluation of Forensic Case and Raporting-4	MAHMUT AŞIRDİZER
Monday	13:50	14:30	FORENSIC MED.	Ethics and Human Rights-1	MAHMUT AŞIRDİZER
Monday	14:40	15:20	FORENSIC MED.	Ethics and Human Rights-2	MAHMUT AŞIRDİZER
Monday	15:30	16:10	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Monday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Tuesday	08:00	08:40	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Tuesday	08:50	09:30	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-1</i>	MAHMUT AŞIRDİZER
Tuesday	09:40	10:20	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-2</i>	MAHMUT AŞIRDİZER
Tuesday	10:30	11:10	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-3</i>	MAHMUT AŞIRDİZER
Tuesday	11:20	12:00	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-4</i>	MAHMUT AŞIRDİZER
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-5</i>	MAHMUT AŞIRDİZER
Tuesday	13:50	14:30	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-6</i>	MAHMUT AŞIRDİZER
Tuesday	14:40	15:20	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-7</i>	MAHMUT AŞIRDİZER
Tuesday	15:30	16:10	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-8</i>	MAHMUT AŞIRDİZER
Tuesday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	08:00	08:40	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Wednesday	08:50	09:30	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-9</i>	MAHMUT AŞIRDİZER
Wednesday	09:40	10:20	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-10</i>	MAHMUT AŞIRDİZER
Wednesday	10:30	11:10	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-11</i>	MAHMUT AŞIRDİZER
Wednesday	11:20	12:00	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-12</i>	MAHMUT AŞIRDİZER
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-13</i>	MAHMUT AŞIRDİZER
Wednesday	13:50	14:30	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-14</i>	MAHMUT AŞIRDİZER
Wednesday	14:40	15:20	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-15</i>	MAHMUT AŞIRDİZER
Wednesday	15:30	16:10	FORENSIC MED.	<i>Practice- Evaluation of Forensic Case and Raporting-16</i>	MAHMUT AŞIRDİZER
Wednesday	16:20	17:00	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Thursday	08:00		FORENSIC MED.	<b>STUDY TIME</b>	MAHMUT AŞIRDİZER
Thursday		12:00	FORENSIC MED.		MAHMUT AŞIRDİZER
Thursday	12:00	13:00		<b>STUDY TIME</b>	
Thursday	13:00		FORENSIC MED.		MAHMUT AŞIRDİZER
Thursday		17:00	FORENSIC MED.		MAHMUT AŞIRDİZER
Monday	08:00	08:40	FORENSIC MED.	<i>STUDY TIME</i>	MAHMUT AŞIRDİZER
Monday	08:50	09:30	FORENSIC MED.	THEORICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	09:40	10:20	FORENSIC MED.	THEORICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	10:30	11:10	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	11:20	12:00	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	13:50	14:30	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	14:40	15:20	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	15:30	16:10	FORENSIC MED.	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Monday	16:20	17:00	FORENSIC MED.	<b>FEEDBACK MEETING</b>	MAHMUT AŞIRDİZER

## NEUROLOGY CLERKSHIP PROGRAM

NEUROLOGY		
Gülay Kenangil	Prof. M. D.	
Aslı Demirtaş Tatlıdede	Prof. M.D.	
Buse Çağla Arı	Assist. Prof. M.D.	
Taşkın Güneş	Assist. Prof. M.D.	
Zahide Mail Gürkan	M.D.	

**AIM:** The purpose of Neurology Clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common neurologic diseases in primary health care and initiate neurological medical treatment in emergency cases, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

- LO 1.** Demonstrate general knowledge of the anatomy, physiology, and pathophysiology of the nervous system.
- LO 2.** Explain the mechanisms, and causes of neurological symptoms.
- LO 3.** Demonstrate knowledge necessary for the recognition and management of adult patients with neurological disorders, according to the learning levels mentioned in the National Core Education Program.
- LO 4.** Identify appropriate diagnostic tests.
- LO 5.** Create an appropriate differential diagnosis.
- LO 6.** Discuss the general concept and role of imaging techniques in neurological diseases.
- LO 7.** Gain experience in the initial management and stabilization of patients with acute neurological emergencies and make patient referrals to appropriate specialized medical departments.
- LO 8.** Demonstrate knowledge of the common therapeutic agents used in neurological patients.
- LO 9.** Evaluate risk factors for neurological diseases on an individual basis and provide consultancy.
- LO 10.** Demonstrate knowledge necessary for long-term follow up and control in primary care.

### SKILLS:

- LO 11.** Take a complete and reliable history for a patient with intact or altered level of consciousness or mental status.
- LO 12.** Perform both a complete and a problem-focused neurological examination as appropriate.
- LO 13.** Evaluate Glasgow coma scoring of unconscious patients.
- LO 14.** Evaluate cognitive function of a patient with the Mini-Mental State Examination.

**ATTITUDES:**

<b>LO 15.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 16.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 17.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 18.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 19.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 20.</b>	Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.
<b>LO 21.</b>	Identify and discuss ethical issues relevant to care of the patient with neurological disorders.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

**BAHÇESEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ**  
*\*Codes are designed according to the National Core Education Program*  
*"scientia et amore vitae"*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		History taking in Neurology (1 hour)	LO 11, LO 15, LO 17, LO 18
			Neurological examination ( 2 hour)	LO 12, LO 15, LO 16, LO 17
<b>Impaired judgement</b>	Alzheimer's Disease	Ön T-K-İ	Alzheimer's Disease (1 hour)	LO1, LO 2, LO 3, LO 4, LO 5, LO 9, LO 10, LO 19, LO 20, LO 21
<b>Altered state of consciousness, impaired judgement / forgetfulness, mood swings, hallucinations/delusions, immobilization, sleep disorders</b>	Cognitive Disorders (Dementia)	Ön T-K-İ	Dementia (1 hour)	LO1, LO 2, LO 3, LO 9, LO 10, LO 19
<b>Approach to an Unconscious Patient</b>	Coma	A	Coma, Glasgow Coma Scale ( 1 hour) Approach to an Unconscious Patient (1 hour)	LO 1, LO 2, LO 3, LO 7, LO 8, lo 13
<b>Impaired judgement / forgetfulness, hallucinations/delusions, anger and aggression</b>	Delirium	T-A-K-İ	Delirium (1 hour)	LO1, LO 2, LO 3, LO 4, LO 5, LO 7, LO 8, LO 9, LO 10, LO 19
<b>Hallucinations/delusions, seizures, syncope</b>	Epilepsy	Ön T-A-K-İ	Approach to a Patient with Status Epilepticus (1 hour)	LO 1, LO 2, LO 3, LO 7, LO 8, LO 9, LO 10
<b>Tremor</b>	Essential Tremor	Ön T		LO 1, LO 2, LO 3
<b>Impaired judgement / forgetfulness, balance problems and disorders, visual impairment/loss, syncope</b>	Transient ischemic attack	A	Transient ischemic attack (1 hour)	LO 1, LO 2, LO 3, LO 7
<b>Headache, neck pain</b>	Tension Headache	TT	Primary headaches (Migraine, Tension Headache) (1 hour), Treatment in Primary headaches (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 5, LO 6, LO 7, LO 8
<b>Headache, neck pain, diplopia, chronic pain</b>	Migraine	T-A-K-İ		LO 1, LO 2, LO 3, LO 4, LO 5, LO 6, LO 7, LO 8, LO 9, LO 10, LO 19, LO 20
<b>Headache, altered state of consciousness, impaired judgement / forgetfulness, balance problems and disorders, immobilization, muscle weakness, speech disorders, paresthesia, paresis/paralysis, pupil disorders, syncope, tremor, urinary incontinence</b>	Stroke	A-K-İ	Ischemic Stroke, Hemorrhagic Stroke (1 hour)	LO 1, LO 2, LO 3, LO 7, LO 8, LO 9, LO 10, LO 19, LO 21
<b>Headache, altered state of consciousness, nausea and vomiting, diplopia, seizures</b>	Intracranial Hypertension Syndrome : Raised intracranial pressure and acute cerebrovascular diseases	A	Intracranial Hypertension Syndrome (1 hour)	LO 1, LO 2, LO 3, LO 7, LO 8, LO 19
<b>Balance problems and disorders, immobilization, muscle weakness, ptosis,</b>	Myopathy	Ön T	Myopathy and Myasthenia Gravis; Cholinergic Crisis (1 hour)	LO 1, LO 2, LO 3



Diplopia, muscle weakness, ptosis	Myasthenia Gravis; Cholinergic Crisis	A		LO 1, LO 2, LO 3, LO 7, LO 8,
Fever, headache, impaired judgement / forgetfulness, nausea and vomiting, hallucinations/delusions, visual impairment/loss, hearing impairment and tinnitus, immobilization, seizures, pupil disorders	Central nervous system infections	A	Central nervous system infections (Meningitis ) (1 hour), Central nervous system infections (Encephalitis) (1 hour)	LO 1, LO 2, LO 3, LO 7, LO 8
Diplopia, balance problems and disorders, visual impairment/loss, hearing impairment and tinnitus, , immobilization, speech disorders, chronic pain, paresthesia, paresis/paralysis, repeated falls	Multiple Sclerosis	Ön T	Multiple Sclerosis (1 hour)	LO 1, LO 2, LO 3
Balance problems and disorders, movement impairment, immobilization, tremor	Parkinson's Disease	Ön T	Parkinsonism, Parkinson's Disease (2 hour)	LO 1, LO 2, LO 3
Immobilization, muscle weakness, chronic pain, neuropathic pain, paresthesia, paresis/paralysis, repeated falls	Peripheral Neuropathy	Ön T	Peripheral Neuropathy and Guillain-Bare Syndrome (1 hour)	LO 1, LO 2, LO 3
Balance problems and disorders, immobilization, muscle weakness, paresthesia, paresis/paralysis	Guillain-Bare Syndrome	Ön T		LO 1, LO 2, LO 3
Skin rashes, fever, seizures, headache, visual disturbances	Vasculitis	Ön T	Vertigo of Central Nervous System Disorders (1 hour)	LO 1, LO 2, LO 3
Repetitive falls			Falls in Neurological Diseases (1 hour)	LO 2, LO 4, LO 9
		BAU-Ön T	Neurologic complications of systemic diseases (1 hour)	LO 2, LO 9, LO 10
	LIST OF BASIC MEDICAL PRACTICES		Mini-mental state examination ( 1 hour)	LO 14, LO 15, LO 16, LO 17

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

*"scientia et amore vitae"*

MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
Group 1	29.08.2022-09.09.2022
Group 2	21.11.2022-02.12.2022
Group 3	16.01.2023-27.01.2023
Group 4	20.03.2023-31.03.2023

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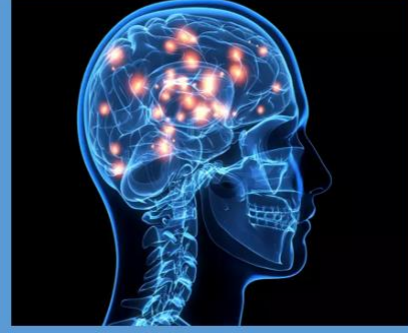
**BAU TIP**  
BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
*"scientia et amore vitae"*

DAY	HOURS	COURSE	TOPIC	LECTURER		
<b>WEEK 1</b>						
Monday	09:00	CLASS 5	<b>Orientation Seminar- Introduction to Class 5</b>	SEBAHAT DILEK		
Monday		COORDINATOR	<b>National Core Education Program</b>	TORUN		
Monday		MEDICAL	<b>Rules to obey in clinical settings</b>	DEMET KOÇ		
Monday	10:30	EDUCATION	<b>Program Evaluation-Accreditation</b>			
Monday	11:20	12:00	NEUROLOGY	Introduction to the program. History Taking in Neurology	Buse Çağla Arı	
Monday	12:00	13:00		<b>LUNCH</b>		
Monday	13:00	13:40	NEUROLOGY	Neurological Examination	Buse Çağla Arı	
Monday	13:50	14:30	NEUROLOGY	Neurological Examination	Buse Çağla Arı	
Monday	14:40	15:20	NEUROLOGY	Coma, Glasgow Coma Scale	Buse Çağla Arı	
Monday	15:30	16:10	NEUROLOGY	Approach to an Unconscious Patient	Buse Çağla Arı	
Monday	16:20	17:00	NEUROLOGY	Paraneoplastic Disorders of the Nervous System	Buse Çağla Arı	
Tuesday	8:00	8:40	NEUROLOGY	<b>National Holiday-Victory Day</b>		
Tuesday	8:50	9:30	NEUROLOGY			
Tuesday	9:40	10:20	NEUROLOGY			
Tuesday	10:30	11:10	NEUROLOGY			
Tuesday	11:20	12:00	NEUROLOGY			
Tuesday	12:00	13:00				
Tuesday	13:00	13:40	NEUROLOGY			
Tuesday	13:50	14:30	NEUROLOGY			
Tuesday	14:40	15:20	NEUROLOGY			
Tuesday	15:30	16:10	NEUROLOGY			
Tuesday	16:20	17:00	NEUROLOGY			
Wednesday	8:00	8:40	NEUROLOGY		Central Nervous System Infections - Meningitis	Taşkın Güneş
Wednesday	8:50	9:30	NEUROLOGY		Central Nervous System Infections - Encephalitis	Taşkın Güneş
Wednesday	9:40	10:20	NEUROLOGY		Falls in Neurological Disorders	Taşkın Güneş
Wednesday	10:30	11:10	NEUROLOGY	Neurologic Complications of Systemic Diseases	Taşkın Güneş	
Wednesday	11:20	12:00	NEUROLOGY	Vertigo of Central Nervous System Disorders	Taşkın Güneş	
Wednesday	12:00	13:00		<b>LUNCH</b>		
Wednesday	13:00	13:40	NEUROLOGY	Myopathy and Myasthenia Gravis: Cholinergic Crisis	Zahide Mail Gürkan	
Wednesday	13:50	14:30	NEUROLOGY	Peripheral Neuropathy, Guillain - Barre Syndrome	Zahide Mail Gürkan	
Wednesday	14:40	15:20	NEUROLOGY	Epilepsy	Zahide Mail Gürkan	
Wednesday	15:30	16:10	NEUROLOGY	Approach to a Patient with Status Epilepticus	Zahide Mail Gürkan	
Wednesday	16:20	17:00	NEUROLOGY	<i>Clinical Practice</i>		
Thursday	8:00	8:40	NEUROLOGY	Mini - Mental State Examination	Gülay Kenangil	
Thursday	8:50	9:30	NEUROLOGY	Dementia and Delirium	Gülay Kenangil	
Thursday	9:40	10:20	NEUROLOGY	Alzheimer's Disease	Gülay Kenangil	
Thursday	10:30	11:10	NEUROLOGY	Other Dementia Syndromes	Gülay Kenangil	
Thursday	11:20	12:00	NEUROLOGY	CASE PRESENTATION (STUDENTS)	Gülay Kenangil	
Thursday	12:00	13:00		<b>LUNCH</b>		
Thursday	13:00	13:40	NEUROLOGY	Parkinsonism	Gülay Kenangil	
Thursday	13:50	14:30	NEUROLOGY	Parkinson's Disease	Gülay Kenangil	
Thursday	14:40	15:20	NEUROLOGY	CASE PRESENTATION (STUDENTS)	Gülay Kenangil	
Thursday	15:30	16:10	NEUROLOGY	<i>Clinical Practice</i>		
Thursday	16:20	17:00	NEUROLOGY	<i>Clinical Practice</i>		
Friday	8:00	8:40	NEUROLOGY	Primary headaches - Migraine, Tension Type	Aslı Demirtaş	
Friday	8:50	9:30	NEUROLOGY	Treatment in Primary Headaches	Aslı Demirtaş	
Friday	9:40	10:20	NEUROLOGY	Secondary Headaches	Aslı Demirtaş	
Friday	10:30	11:10	NEUROLOGY	Treatment in Secondary Headaches	Aslı Demirtaş	
Friday	11:20	12:00	NEUROLOGY	CASE PRESENTATION (STUDENTS)	Aslı Demirtaş	
Friday	12:00	13:00		<b>LUNCH</b>		
Friday	13:00	13:40	NEUROLOGY	Ischemic Stroke, Transient Ischemic Attack	Aslı Demirtaş	
Friday	13:50	14:30	NEUROLOGY	Hemorrhagic stroke	Aslı Demirtaş	
Friday	14:40	15:20	NEUROLOGY	Intracranial Hypertension Syndrome	Aslı Demirtaş	
Friday	15:30	16:10	NEUROLOGY	Multiple Sclerosis	Aslı Demirtaş	
Friday	16:20	17:00	NEUROLOGY	CASE PRESENTATION (STUDENTS)	Aslı Demirtaş	

				WEEK 2	
Monday	8:00	8:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Monday	8:50	9:30	NEUROLOGY	<i>Clinical Practice</i>	
Monday	9:40	10:20	NEUROLOGY	<i>Clinical Practice</i>	
Monday	10:30	11:10	NEUROLOGY	<i>Clinical Practice</i>	
Monday	11:20	12:00	NEUROLOGY	<i>Clinical Practice</i>	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Monday	13:50	14:30	NEUROLOGY	<i>Clinical Practice</i>	
Monday	14:40	15:20	NEUROLOGY	<i>Clinical Practice</i>	
Monday	15:30	16:10	NEUROLOGY	<i>Clinical Practice</i>	
Monday	16:20	17:00	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	8:00	8:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Tuesday	8:50	9:30	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	9:40	10:20	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	10:30	11:10	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	11:20	12:00	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	14:40	15:20	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	15:30	16:10	NEUROLOGY	<i>Clinical Practice</i>	
Tuesday	16:20	17:00	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	8:00	8:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	8:50	9:30	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	9:40	10:20	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	10:30	11:10	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	11:20	12:00	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	NEUROLOGY	<i>Clinical Practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	15:30	16:10	NEUROLOGY	<i>Clinical Practice</i>	
Wednesday	16:20	17:00	NEUROLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	NEUROLOGY	STUDY TIME	
Thursday	8:50	9:30	NEUROLOGY	STUDY TIME	
Thursday	9:40	10:20	NEUROLOGY	STUDY TIME	
Thursday	10:30	11:10	NEUROLOGY	STUDY TIME	
Thursday	11:20	12:00	NEUROLOGY	STUDY TIME	
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	NEUROLOGY	STUDY TIME	
Thursday	13:50	14:30	NEUROLOGY	STUDY TIME	
Thursday	14:40	15:20	NEUROLOGY	STUDY TIME	
Thursday	15:30	16:10	NEUROLOGY	STUDY TIME	
Thursday	16:20	17:00	NEUROLOGY	STUDY TIME	
Friday	8:00	8:40	NEUROLOGY	EXAMINATIONS	
Friday	8:50	9:30	NEUROLOGY		
Friday	9:40	10:20	NEUROLOGY		
Friday	10:30	11:10	NEUROLOGY		
Friday	11:20	12:00	NEUROLOGY		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	NEUROLOGY	EXAMINATIONS	
Friday	13:50	14:30	NEUROLOGY		
Friday	14:40	15:20	NEUROLOGY		
Friday	15:30	16:10	NEUROLOGY		
Friday	16:20	17:00	NEUROLOGY		
Friday	16:20	17:00	NEUROLOGY	FEEDBACK MEETING	



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BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
NÖROLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ...../...../.....  
Mesleki Uygulama Bitiş Tarihi : ...../...../.....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

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**Değerlendirme :**

Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

NÖROLOJİK HASTALIKLAR TEMEL HEKİMLİK UYGULAMALARI	ÖĞRENME DÜZEYİ	PUAN	İMZA
1 GENEL VE SORUNA YÖNELİK ÖYKÜ ALABİLME	4		
2 MENTAL DURUMU DEĞERLENDİREBİLME	3		
3 BİLİNÇ DEĞERLENDİRME	4		
4 NÖROLOJİK MUAYENE	3		
5 GLASGOW KOMA SKALASINI DEĞERLENDİREBİLME	4		
6 MİNİMENTAL DURUM MUAYENESİ	3		
7 TEORİK DERSLERE AKTİF KATILIM	4		
8 PRATİK DERSLERE AKTİF KATILIM	4		
9 TARAMA VE TANISAL AMAÇLI İNCELEME SONUÇLARINI YORUMLAYABİLME	3		
10 SAĞLIK EKİBİ İÇİNDEKİ DAVRANIŞ VE TUTUMU			
PERFORMANS NOTU			

## NEUROSURGERY CLERKSHIP PROGRAM

NEUROSURGERY		
Türker Kılıç	Prof. M.D.	Head of Department
Ahmet Çolak	Prof. M.D.	
Deniz Konya	Prof. M.D.	
Akın Akakın	Assoc. Prof. M.D.	
Zafer Orkun Toktaş	Assoc. Prof. M.D.	
Emre Ünal	Assist. Prof. M.D.	
Kemal Yücesoy	Prof. M.D.	
Aslan Güzel	Prof. M.D.	

**AIM:** The purpose of Neurosurgery Clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common neurosurgical diseases in primary health care and initiate appropriate medical treatment in emergency cases related with neurosurgery, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Demonstrate general knowledge of the anatomy, physiology, and pathophysiology of the central, peripheral, and autonomic nervous system.
<b>LO 2.</b>	Define Glasgow coma scoring.
<b>LO 3.</b>	Define the main signs and symptoms of raised intracranial pressure and cerebral herniation syndromes.
<b>LO 4.</b>	List the CNS tumors and explain the clinical signs.
<b>LO 5.</b>	Define the clinical findings and causes of hydrocephalus.
<b>LO 6.</b>	Define neural tube defects and describe the prevention.
<b>LO 7.</b>	Define major congenital neurosurgical pediatric malformations and provide correct information and guidance to the parents.
<b>LO 8.</b>	Define the main concepts of cranial trauma, perform the first evaluation and plan the appropriate transportation of the patient.
<b>LO 9.</b>	List the causes, signs and symptoms of disc herniation and describe the prevention.
<b>LO 10.</b>	Define spinal deformities and describe the prevention.
<b>LO11.</b>	Define the main concepts of spinal trauma and plan the appropriate transportation of the patient.
<b>LO 12.</b>	Define degenerative spinal disease and spinal cord compression syndrome.
<b>LO 13.</b>	List the most common examples of spine tumors.

<b>LO 14.</b>	Describe the signs and symptoms of carpal tunnel syndrome.
<b>LO 15.</b>	Diagnose intracranial hemorrhages and transport the patient to an higher-level medical center appropriately.
<b>LO 16.</b>	Define neuroradiological evaluation in cranial and spinal cases.
<b>LO 17.</b>	Describe the pre- and postoperative management of the neurosurgical patient.

**SKILLS:**

<b>LO 18.</b>	Take a basic neurological patient history.
<b>LO 19.</b>	Perform a basic neurological physical examination.
<b>LO 20.</b>	List the indications and complications of lumbar puncture and be able to demonstrate the basic approach and technique to the procedure.
<b>LO 21.</b>	Demonstrate how to apply cervical collar.
<b>LO 22.</b>	Calculate Glasgow Coma Scale.

**ATTITUDES:**

<b>LO 23.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 24.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 25.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 26.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 27.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>i</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		History taking and physical examination (1 hour)	LO 18, LO 19, LO 23, LO 25, LO 26
			Glasgow Coma Scale, European Coma Scale (1 hour)	LO 2, LO 22
			Lumbar Puncture (1 hour)	LO 20
<b>Headache, altered mental status, nausea and vomiting, diplopia, seizures</b>	Raised intracranial pressure and cerebrovascular diseases	<b>A</b>	Raised intracranial pressure and cerebrovascular diseases (1 hour)	LO 1, LO 2, LO 16, LO 27
<b>Cognitive disorders, Microcephaly / Macrocephaly</b>	Hydrocephalus	<b>Ön T</b>	Hydrocephalus (1 hour)	LO 5
<b>Skin rashes, Microcephaly / Macrocephaly, seizures</b>	Neurocutaneous syndromes	<b>Ön T</b>	Neurocutaneous syndromes (1 hour)	
<b>Muscle weakness, chronic pain, neuropathic pain, paresthesia</b>	Peripheral Neuropathy	<b>Ön T</b>	Peripheral nerve surgery - Carpal Tunnel Syndrome, (1 hour)	LO 1, LO 14
<b>Headache, altered mental status, nausea and vomiting, immobilization</b>	Intracranial Hemorrhages	<b>A</b>	Intracranial Hemorrhages (1 hour), Intracranial Aneurysms and Neural Vascular Malformations (1 hour)	LO 1, LO 15, LO 16, LO 17, LO 27
<b>Immobilization, paresis/paralysis, flank pain</b>	Spinal Trauma	<b>A</b>	Approach to a patient with spinal trauma (1 hour)	LO 11, LO 16, LO 21
<b>Headache, cognitive disorders, nausea and vomiting, diplopia, balance and movement disorders, hearing disorders, tinnitus, seizures, pupil disorders, sleeping disorders</b>	Intracranial Lesions	<b>Ön T</b>	Intracranial Lesions (1 hour), Pediatric Brain Tumors (1 hour), Pituitary Adenoma (1 hour),	LO 2, LO 4, LO 17, LO 27
<b>Back pain</b>	Spinal Deformities	<b>T-K</b>	Spinal Deformities (1 hour), Degenerative Spinal Disease (1 hour)	LO 10, LO 12, LO 16, LO 27
<b>Balance and movement disorders, urinary retention, immobilization, muscle weakness, paresthesia, paresis/paralysis, urinary incontinence</b>	Spinal Cord Compression Syndrome	<b>Ön T</b>	Spinal Cord Compression Syndrome (1 hour), Spinal Tumors (1 hour)	LO 12, LO 13



<b>Headache, altered mental status, cognitive disorders, epistaxis, nausea and vomiting, diplopia, balance and movement disorders, immobilization, impaired judgement, seizures, pupil disorders</b>	Cranial Trauma	<b>A</b>	Cranial Trauma and Intensive Care for Comatose Patients (1 hour)	LO 2, LO 8, LO 16
<b>Back pain, neck pain, chronic pain, neuropathic pain, flank pain</b>	Herniated Disc	<b>T-K</b>	Functional anatomy of the spine and spinal cord (1 hour), Herniated Disc (Lumbar, Cervical) (1 hour)	LO 1, LO 9, LO 16, LO 17, LO 27
<b>Microcephaly / Macrocephaly</b>	Congenital Malformations	<b>T-K</b>	Congenital Malformations & Craniosynostosis (1 hour), Microcephaly / Macrocephaly (1 hour), Craniovertebral Junction Anomalies (1 hour)	LO 7, LO 16, LO 27
<b>Microcephaly / Macrocephaly , urinary incontinence</b>	Neural tube defects	<b>T-K</b>	Neural tube defects & Syringomyelia (1 hour)	LO 6, LO 16, LO 27

<b>MEASUREMENT &amp; EVALUATION</b>	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
<b>TOTAL</b>	<b>100 %</b>

<b>GROUPS</b>	<b>DATES</b>
Group 1	12.09.2022-23.09.2022
Group 2	05.12.2022-16.12.2022
Group 3	30.01.2023-10.02.2023
Group 4	03.04.2023-14.04.2023

- Greenberg, M.S. (2019) HANDBOOK OF NEUROSURGERY, Ninth Edition, Thieme Medical Publishers
- Shaya, M., Gagnaniello, C., Nader, R. (2017) NEUROSURGERY ROUNDS: QUESTIONS AND ANSWERS, Thieme Medical Publishers

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	8:00	8:40	NEUROSURGERY		
Monday	8:50	9:30	NEUROSURGERY		
Monday	9:40	10:20	NEUROSURGERY		
Monday	10:30	11:10	NEUROSURGERY		
Monday	11:20	12:00	NEUROSURGERY	Introduction to the program; History taking and physical examination	Dr. Türker Kılıç
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	NEUROSURGERY	Raised intracranial pressure and cerebrovascular	Dr. Akın Akakın
Monday	13:50	14:30	NEUROSURGERY	Glasgow Coma Scale, European Coma Scale	Dr. Akın Akakın
Monday	14:40	15:20	NEUROSURGERY	Neurocutaneous syndromes	Dr. Emre Ünal
Monday	15:30	16:10	NEUROSURGERY	Pediatric Brain Tumors	Dr. Emre Ünal
Monday	16:20	17:00	NEUROSURGERY	Peripheral nerve surgery - Carpal Tunnel Syndrome	Dr. Emre Ünal
Tuesday	8:00	8:40	NEUROSURGERY	Functional anatomy of the spine and spinal cord	Dr. Emre Ünal
Tuesday	8:50	9:30	NEUROSURGERY	Herniated Disc (Lumbar, Cervical)	Dr. Emre Ünal
Tuesday	9:40	10:20	NEUROSURGERY	Microcephaly / Macrocephaly	Dr. Ahmet Çolak
Tuesday	10:30	11:10	NEUROSURGERY	Congenital Malformations & Craniosynostosis	Dr. Ahmet Çolak
Tuesday	11:20	12:00	NEUROSURGERY	Neural tube defects & Syringomyelia	Dr. Ahmet Çolak
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	NEUROSURGERY	Intracranial Hemorrhages	Dr. Emre Ünal
Tuesday	13:50	14:30	NEUROSURGERY	Hydrocephalus	Dr. Emre Ünal
Tuesday	14:40	15:20	NEUROSURGERY	Degenerative Spinal Disease	Dr. Deniz Konya
Tuesday	15:30	16:10	NEUROSURGERY	Spinal Tumors	Dr. Deniz Konya
Tuesday	16:20	17:00	NEUROSURGERY	STUDY TIME	
Wednesday	8:00	8:40	NEUROSURGERY	Clinical practice	MP GÖZTEPE
Wednesday	8:50	9:30	NEUROSURGERY	Clinical practice	
Wednesday	9:40	10:20	NEUROSURGERY	Clinical practice	
Wednesday	10:30	11:10	NEUROSURGERY	Clinical practice	
Wednesday	11:20	12:00	NEUROSURGERY	Clinical practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	NEUROSURGERY	Clinical practice	MP GÖZTEPE
Wednesday	13:50	14:30	NEUROSURGERY	Clinical practice	
Wednesday	14:40	15:20	NEUROSURGERY	Clinical practice	
Wednesday	15:30	16:10	NEUROSURGERY	Clinical practice	
Wednesday	16:20	17:00	NEUROSURGERY	Clinical practice	
Thursday	8:00	8:40	NEUROSURGERY	Clinical practice	MP GÖZTEPE
Thursday	8:50	9:30	NEUROSURGERY	Clinical practice	
Thursday	9:40	10:20	NEUROSURGERY	Clinical practice	
Thursday	10:30	11:10	NEUROSURGERY	Clinical practice	
Thursday	11:20	12:00	NEUROSURGERY	Clinical practice	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	NEUROSURGERY	Intracranial Lesions	Dr. Aslan Güzel
Thursday	13:50	14:30	NEUROSURGERY	STUDY TIME	
Thursday	14:40	15:20	NEUROSURGERY	STUDY TIME	
Thursday	15:30	16:10	NEUROSURGERY	Spinal Deformities	Dr. Deniz Konya
Thursday	16:20	17:00	NEUROSURGERY	Spinal Cord Compression Syndrome	Dr. Deniz Konya
Friday	8:00	8:40	NEUROSURGERY	STUDY TIME	
Friday	8:50	9:30	NEUROSURGERY	STUDY TIME	
Friday	9:40	10:20	NEUROSURGERY	Cranial Trauma and Intensive Care for Comatose Patients	Dr. Emre Ünal
Friday	10:30	11:10	NEUROSURGERY	Lumbar Puncture	Dr. Emre Ünal
Friday	11:20	12:00	NEUROSURGERY	STUDY TIME	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	NEUROSURGERY	Clinical practice	MP GÖZTEPE
Friday	13:50	14:30	NEUROSURGERY	Clinical practice	
Friday	14:40	15:20	NEUROSURGERY	Clinical practice	
Friday	15:30	16:10	NEUROSURGERY	Clinical practice	
Friday	16:20	17:00	NEUROSURGERY	Clinical practice	

				WEEK 2	
Monday	8:00	8:40	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Monday	8:50	9:30	NEUROSURGERY	<i>Clinical practice</i>	
Monday	9:40	10:20	NEUROSURGERY	<i>Clinical practice</i>	
Monday	10:30	11:10	NEUROSURGERY	<i>Clinical practice</i>	
Monday	11:20	12:00	NEUROSURGERY	<i>Clinical practice</i>	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	NEUROSURGERY	Approach to a patient with spinal trauma	Dr. Emre Ünal
Monday	13:50	14:30	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Monday	14:40	15:20	NEUROSURGERY	<i>Clinical practice</i>	
Monday	15:30	16:10	NEUROSURGERY	<i>Clinical practice</i>	
Monday	16:20	17:00	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	8:00	8:40	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Tuesday	8:50	9:30	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	9:40	10:20	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	10:30	11:10	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	11:20	12:00	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	14:40	15:20	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	15:30	16:10	NEUROSURGERY	<i>Clinical practice</i>	
Tuesday	16:20	17:00	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	NEUROSURGERY	Craniovertebral Junction Anomalies	Dr. Kemal Yücesoy
Wednesday	8:50	9:30	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Wednesday	9:40	10:20	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	10:30	11:10	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	11:20	12:00	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	NEUROSURGERY	<i>Clinical practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	14:40	15:20	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	15:30	16:10	NEUROSURGERY	<i>Clinical practice</i>	
Wednesday	16:20	17:00	NEUROSURGERY	<i>Clinical practice</i>	
Thursday	8:00	8:40	NEUROSURGERY	STUDY TIME	
Thursday	8:50	9:30	NEUROSURGERY	STUDY TIME	
Thursday	9:40	10:20	NEUROSURGERY	STUDY TIME	
Thursday	10:30	11:10	NEUROSURGERY	STUDY TIME	
Thursday	11:20	12:00	NEUROSURGERY	STUDY TIME	
Thursday	12:00	13:00			
Thursday	13:00	13:40	NEUROSURGERY	STUDY TIME	
Thursday	13:50	14:30	NEUROSURGERY	STUDY TIME	
Thursday	14:40	15:20	NEUROSURGERY	STUDY TIME	
Thursday	15:30	16:10	NEUROSURGERY	STUDY TIME	
Thursday	16:20	17:00	NEUROSURGERY	STUDY TIME	
Friday	8:00	8:40	NEUROSURGERY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	NEUROSURGERY		
Friday	9:40	10:20	NEUROSURGERY		
Friday	10:30	11:10	NEUROSURGERY		
Friday	11:20	12:00	NEUROSURGERY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	NEUROSURGERY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	NEUROSURGERY		
Friday	14:40	15:20	NEUROSURGERY		
Friday	15:30	16:10	NEUROSURGERY		
Friday	16:20	17:00	NEUROSURGERY	<b>FEEDBACK MEETING</b>	



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
BEYİN ve SİNİR CERRAHİSİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : / /

Mesleki Uygulama Bitiş Tarihi : / /

#### GLASGOW COMA SCALE (GCS)

BEHAVIOUR	RESPONSE	SCORE
Eye opening response	Spontaneously	4
	To speech	3
	To pain	2
	No response	1
Best verbal response	Oriented to time, place and person	5
	Confused	4
	Inappropriate words	3
	Incomprehensible sounds	2
	No response	1
Best motor response	Obeys commands	6
	Moves to localized pain	5
	Flexion withdrawal from pain	4
	Abnormal flexion	3
	Abnormal extension	2
	No response	1
Total score	Best response	15
	Comatose client	8 or less
	Totally unresponsive	3

- Greenberg, M.S. (2019) HANDBOOK OF NEUROSURGERY, Ninth Edition, Thieme Medical Publishers
- Shaya, M., Gragnaniello, C., Nader, R. (2017) NEUROSURGERY ROUNDS: QUESTIONS AND ANSWERS, Thieme Medical Publishers

#### Değerlendirme :

Teorik Sınav: % 40

Sözlü Sınav: % 50

Performans Notu: % 10

#### Devam Zorunluluğu :

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünleme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	İMZA
GENEL VE SORUNA YÖNELİK ÖYKÜ ALABİLME	4	
AYDINLATMA VE ONAM ALABİLME	4	
EPİKRİZ HAZIRLAYABİLME	4	
NÖROLOJİK MUAYENE	3	
HASTA DOSYASI HAZIRLAYABİLME	4	
GLASGOW/AVPU KOMA SKALASINI DEĞERLENDİREBİLME	4	
SERVİKAL COLLAR UYGULAYABİLME	4	
LOMBER PONSİYON YAPABİLME	1	
PERFORMANS NOTU:		

## OPHTHALMOLOGY CLERKSHIP PROGRAM

OPHTHALMOLOGY		
Okan Toygar	Assoc. Prof. M.D.	Head of Department
Alper Halil Bayat	Assist. Prof. M.D.	
Ahmet Altun	Assist. Prof. M.D.	
Baha Toygar	Assist. Prof. M.D.	
Başak Bostancı	Assoc. Prof. M.D.	
Ercüment Bozkurt	Assoc. Prof. M.D.	

**AIM:** The purpose of Ophthalmology clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common eye diseases encountered in primary health care and initiate appropriate medical treatment in emergency cases related to ophthalmology, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

#### KNOWLEDGE:

<b>LO 1.</b>	Demonstrate general knowledge of the anatomy and physiology of the eye.
<b>LO 2.</b>	List the symptoms of common eye diseases.
<b>LO 3.</b>	Describe the meaning of and method to correct the refractive disorders.
<b>LO 4.</b>	Make the necessary preliminary intervention in mechanical and chemical eye injuries and refer these patients to specialized medical departments appropriately.
<b>LO 5.</b>	Assess the most common causes of red eye and eye irritation presenting to the primary physician.
<b>LO 6.</b>	Describe disorders of lacrimation.
<b>LO 7.</b>	Take precautions against refractive errors and cross-eye in early childhood.
<b>LO 8.</b>	Demonstrate knowledge necessary for the recognition and management of patients with ophthalmologic diseases, according to the learning levels mentioned in the National Core Education Program.

#### SKILLS:

<b>LO 9.</b>	Take an accurate patient history.
<b>LO 10.</b>	Perform an appropriate physical examination including use of the slit lamp and ophthalmoscope.
<b>LO 11.</b>	Differentiate normal from abnormal eye findings.
<b>LO 12.</b>	Measure and record visual acuity at distance and at near both with and without correction and with pinhole where appropriate.

<b>LO 13.</b>	Examine pupil response.
<b>LO 14.</b>	Examine eye movements.
<b>LO 15.</b>	Use the slit lamp to examine the anterior segment.
<b>LO 16.</b>	Use the direct ophthalmoscope to check the red reflex, examine the optic nerve and macula.
<b>LO 17.</b>	Examine everted eyelids for diseases and foreign matter.

**ATTITUDES:**

<b>LO 15.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 16.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 17.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 18.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 19.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 20.</b>	Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>i</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU- BASIC</b>	Anatomy and physiology of the eye (2 hours)	LO 1
<b>Red eye</b>	Uveitis	Ön T	Uveitis (1 hour)	LO 5, LO 8
<b>Loss of vision</b>	Behçet's disease	Ön T	Behçet's disease (1 hour)	LO 8, LO 19
<b>Loss of vision</b>	Cataract	Ön T	Loss of vision (2 hours), Cataract (2 hours)	LO 2, LO 20
<b>Loss of vision</b>			Vascular retinal diseases (2 hours)	LO 2, LO 19
<b>Headache, loss of vision , repeated falls</b>	Refractive disorders	Ön T	Basic orbital assessment (1 hour), Refractive disorders (2 hours)	LO 3, LO 19, LO 20
<b>Diplopia, loss of vision</b>	Ophthalmic trauma	A-K	Ophthalmic trauma principles and management of chemical injuries (2 hours)	LO 4, LO 19
<b>Diplopia, loss of vision</b>	Strabismus	Ön T	Strabismus (1 hour), Diplopia (1 hour), Pupil abnormalities (1 hour)	LO 2, LO 7
<b>Red eye</b>	Conjunctivitis	TT-K	Conjunctivitis (1 hour), Red eye (1 hour)	LO 2, LO 5, LO 19
<b>Dry eye, red eye</b>	Keratitis	Ön T	Sjogren's syndrome, Keratitis (1 hour), Dry eye (1 hour)	LO 2, LO 19
<b>Headache, loss of vision, red eye</b>	Glaucoma	Ön T	Glaucoma (1 hour)	LO 8, LO 19
<b>Red eye</b>	Neonatal conjunctivitis	TT-K	Neonatal conjunctivitis (1 hour)	LO 8, LO 19
<b>Dry eye</b>	Nasolacrimal duct obstruction	Ön T	Nasolacrimal duct obstruction (1 hour)	LO 6
<b>Loss of vision</b>	Optic neuritis	Ön T	Optic neuritis (1 hour)	LO 8, LO 19
<b>Ptosis</b>			Eyelid diseases and ptosis (1 hour)	LO 2

MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
<b>TOTAL</b>	<b>100 %</b>

- Aydın O'Dwyer, P, Aydın Akova Y.(2015) Göz Hastalıkları 3. Baskı, Güneş Tıp Kitabevleri
- Salmon J. (2019) Kanski's Clinical Ophthalmology International Edition, 9th Edition, A Systematic Approach, Elsevier
- American Academy of Ophthalmology 2021-2022 *Basic and Clinical Science Course*

GROUPS	DATES
<b>Group 1</b>	12.09.2022-23.09.2022
<b>Group 2</b>	05.12.2022-16.12.2022
<b>Group 3</b>	30.01.2023-10.02.2023
<b>Group 4</b>	03.04.2023-14.04.2023

**BAU TIP**  
 BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
*"scientia et amore vitae"*

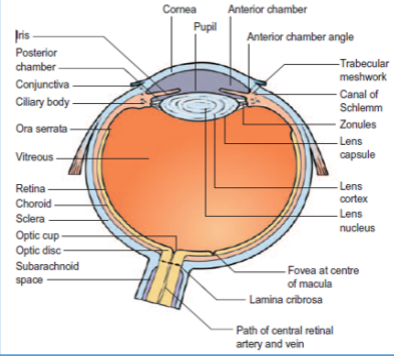


DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	8:00	8:40	OPHTHALMOLOGY	Introduction to ophthalmology training, what is ophthalmology?	Okan Toygar
Monday	8:50	9:30	OPHTHALMOLOGY	Anatomy and physiology of the eye	Alper Halil Bayat
Monday	9:40	10:20	OPHTHALMOLOGY	Anatomy and physiology of the eye	Alper Halil Bayat
Monday	10:30	11:10	OPHTHALMOLOGY	<i>Clinical Skills Learning (Taking the history and recording the</i>	Alper Halil Bayat
Monday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical Skills Learning (Writing a prescription)</i>	Alper Halil Bayat
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical Skills Learning (Measuring visual acuity, using a pinhole)</i>	Alper Halil Bayat
Monday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical Skills Learning (Using a direct ophthalmoscope)</i>	Alper Halil Bayat
Monday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical Skills Learning (External examination, everting an eyelid)</i>	Alper Halil Bayat
Monday	15:30	16:10	OPHTHALMOLOGY	Cataract	BahaToygar
Monday	16:20	17:00	OPHTHALMOLOGY	STUDY TIME	
Tuesday	8:00	8:40	OPHTHALMOLOGY	Loss of vision	Okan Toygar
Tuesday	8:50	9:30	OPHTHALMOLOGY	Loss of vision	Okan Toygar
Tuesday	9:40	10:20	OPHTHALMOLOGY	Loss of vision	Okan Toygar
Tuesday	10:30	11:10	OPHTHALMOLOGY	Uveitis	Okan Toygar
Tuesday	11:20	12:00	OPHTHALMOLOGY	Behçet's disease	Okan Toygar
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	OPHTHALMOLOGY	Diplopia	Alper Halil Bayat
Wednesday	8:50	9:30	OPHTHALMOLOGY	Strabismus	Alper Halil Bayat
Wednesday	9:40	10:20	OPHTHALMOLOGY	Pupil abnormalities	Alper Halil Bayat
Wednesday	10:30	11:10	OPHTHALMOLOGY	Optic neuritis	Alper Halil Bayat
Wednesday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical skills Learning (examination of eye movements, cover test, pupil examination and confrontation)</i>	Alper Halil Bayat
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	OPHTHALMOLOGY	Glaucoma	Ercüment Bozkurt
Wednesday	13:50	14:30	OPHTHALMOLOGY	Glaucoma	Ercüment Bozkurt
Wednesday	14:40	15:20	OPHTHALMOLOGY	Red Eye	Ercüment Bozkurt
Wednesday	15:30	16:10	OPHTHALMOLOGY	Conjunctivitis	Ercüment Bozkurt
Wednesday	16:20	17:00	OPHTHALMOLOGY	Dry eye, Sjögren's syndrome, Keratitis	Ercüment Bozkurt
Thursday	8:00	8:40	OPHTHALMOLOGY	Refractive disorders	Başak Bostancı
Thursday	8:50	9:30	OPHTHALMOLOGY	Eyelid diseases and ptosis	Başak Bostancı
Thursday	9:40	10:20	OPHTHALMOLOGY	Basic orbital assessment	Başak Bostancı
Thursday	10:30	11:10	OPHTHALMOLOGY	Nasolacrimal duct obstruction	Başak Bostancı
Thursday	11:20	12:00	OPHTHALMOLOGY	Neonatal conjunctivitis	Başak Bostancı
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Thursday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Thursday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Thursday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Thursday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	8:00	8:40	OPHTHALMOLOGY	Ophthalmic trauma principles and management of chemical injuries	Ahmet Altun
Friday	8:50	9:30	OPHTHALMOLOGY	Ophthalmic trauma principles and management of chemical injuries	Ahmet Altun
Friday	9:40	10:20	OPHTHALMOLOGY	Clinical Skills Learning (Removing foreign body)	Ahmet Altun
Friday	10:30	11:10	OPHTHALMOLOGY	Vascular Retinal Diseases	Ahmet Altun
Friday	11:20	12:00	OPHTHALMOLOGY	Vascular Retinal Diseases	Ahmet Altun
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical practice</i>	

				WEEK 2	
Monday	8:00	8:40	OPHTHALMOLOGY	Clinical practice	
Monday	8:50	9:30	OPHTHALMOLOGY	Clinical practice	
Monday	9:40	10:20	OPHTHALMOLOGY	Clinical practice	
Monday	10:30	11:10	OPHTHALMOLOGY	Clinical practice	
Monday	11:20	12:00	OPHTHALMOLOGY	Clinical practice	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	OPHTHALMOLOGY	Clinical practice	
Monday	13:50	14:30	OPHTHALMOLOGY	Clinical practice	
Monday	14:40	15:20	OPHTHALMOLOGY	Clinical practice	
Monday	15:30	16:10	OPHTHALMOLOGY	Clinical practice	
Monday	16:20	17:00	OPHTHALMOLOGY	Clinical practice	
Tuesday	8:00	8:40	OPHTHALMOLOGY	Clinical practice	
Tuesday	8:50	9:30	OPHTHALMOLOGY	Clinical practice	
Tuesday	9:40	10:20	OPHTHALMOLOGY	Clinical practice	
Tuesday	10:30	11:10	OPHTHALMOLOGY	Clinical practice	
Tuesday	11:20	12:00	OPHTHALMOLOGY	Clinical practice	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	OPHTHALMOLOGY	Clinical practice	
Tuesday	13:50	14:30	OPHTHALMOLOGY	Clinical practice	
Tuesday	14:40	15:20	OPHTHALMOLOGY	Clinical practice	
Tuesday	15:30	16:10	OPHTHALMOLOGY	Clinical practice	
Tuesday	16:20	17:00	OPHTHALMOLOGY	Clinical practice	
Wednesday	8:00	8:40	OPHTHALMOLOGY	Clinical practice	
Wednesday	8:50	9:30	OPHTHALMOLOGY	Clinical practice	
Wednesday	9:40	10:20	OPHTHALMOLOGY	Clinical practice	
Wednesday	10:30	11:10	OPHTHALMOLOGY	Clinical practice	
Wednesday	11:20	12:00	OPHTHALMOLOGY	Clinical practice	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	OPHTHALMOLOGY	Clinical practice	
Wednesday	13:50	14:30	OPHTHALMOLOGY	Clinical practice	
Wednesday	14:40	15:20	OPHTHALMOLOGY	Clinical practice	
Wednesday	15:30	16:10	OPHTHALMOLOGY	Clinical practice	
Wednesday	16:20	17:00	OPHTHALMOLOGY	Clinical practice	
Thursday	8:00	8:40	OPHTHALMOLOGY	STUDY TIME	
Thursday	8:50	9:30	OPHTHALMOLOGY	STUDY TIME	
Thursday	9:40	10:20	OPHTHALMOLOGY	STUDY TIME	
Thursday	10:30	11:10	OPHTHALMOLOGY	STUDY TIME	
Thursday	11:20	12:00	OPHTHALMOLOGY	STUDY TIME	
Thursday	12:00	13:00			
Thursday	13:00	13:40	OPHTHALMOLOGY	STUDY TIME	
Thursday	13:50	14:30	OPHTHALMOLOGY	STUDY TIME	
Thursday	14:40	15:20	OPHTHALMOLOGY	STUDY TIME	
Thursday	15:30	16:10	OPHTHALMOLOGY	STUDY TIME	
Thursday	16:20	17:00	OPHTHALMOLOGY	STUDY TIME	
Friday	8:00	8:40	OPHTHALMOLOGY	EXAMINATIONS	
Friday	8:50	9:30	OPHTHALMOLOGY		
Friday	9:40	10:20	OPHTHALMOLOGY		
Friday	10:30	11:10	OPHTHALMOLOGY		
Friday	11:20	12:00	OPHTHALMOLOGY		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	OPHTHALMOLOGY	EXAMINATIONS	
Friday	13:50	14:30	OPHTHALMOLOGY		
Friday	14:40	15:20	OPHTHALMOLOGY		
Friday	15:30	16:10	OPHTHALMOLOGY		
Friday	16:20	17:00	OPHTHALMOLOGY	FEEDBACK MEETING	



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
GÖZ HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ...../...../.....

Mesleki Uygulama Bitiş Tarihi : ...../...../.....

#### RED EYE CHART

	ALLERGIC CONJUNCTIVITIS	INFECTIOUS CONJUNCTIVITIS	UVEITIS
<b>PUPIL</b>	Normal	Normal	Small
<b>CONJUNCTIVA</b>	Diffuse vessel dilation	Diffuse vessel dilation	Vessel dilation around cornea mainly
<b>PAIN</b>	Itching	Mild irritation	May be marked photophobia
<b>DISCHARGE</b>	Watery	Purulent if bacterial	N/A
<b>OCULAR TENSION</b>	Normal	Normal	May be low or high
<b>CORNEA</b>	Normal	Normal	Slit lamp shows deposits on posterior surface, cloudy anterior chamber
<b>VISION</b>	Normal	Normal	Decreased
<b>Rx</b>	Topical vasoconstrictors antihistamines	Antibiotics	Cycloplegics, steroids
	ANGLE CLOSURE GLAUCOMA	SUBCONJUNCTIVAL HEMORRHAGE	EPISCLERITIS
<b>PUPIL</b>	Mid-dilated	Normal	Normal
<b>CONJUNCTIVA</b>	Vessel dilation around cornea mainly	Patch of hemorrhage	Patch of dilated vessels
<b>PAIN</b>	Marked	Painless	Moderate tenderness
<b>DISCHARGE</b>	N/A	N/A	N/A
<b>OCULAR TENSION</b>	High	High	Normal
<b>CORNEA</b>	Steamy, shallow angle	Normal	Normal
<b>VISION</b>	Decreased (halos)	Normal	Normal
<b>Rx</b>	Pilocarpine, osmotic agents, surgery	None	Steroids, NSAIDs

Değerlendirme :  
Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

Aydın O'dayyer, P. Aydın Akova Y. (2015) Göz Hastalıkları 3. Baskı, Güneş Tıp Kitabevleri  
Salmon J. (2019) Kanski's Clinical Ophthalmology International Edition, 9th Edition, A Systematic Approach, Elsevier  
American Academy of Ophthalmology 2021-2022 Basic and Clinical Science Course

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda klavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

GÖZ HASTALIKLARI TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme ve sonuçları kaydedebilme	4	
Reçete düzenleyebilme	4	
Göz Muayenesi – 1 Görme keskinliği ölçümü, pinhole kullanımı	3	
Göz Muayenesi – 2 Göz dibi muayenesi (direkt oftalmoskopi)	3	
Göz Muayenesi – 3 Lokal ışıkla göz muayenesi (eksternal muayene)	3	
Göz Muayenesi – 4 Üst göz kapağının çevrilmesi	3	
Göz Muayenesi – 5 Pupil ışık reaksiyonlarının değerlendirilmesi	3	
Göz Muayenesi – 6 Konfrontasyonla görme alanı değerlendirmesi	3	
Göz Muayenesi – 7 Göz hareketleri ve şaşılık muayenesi	3	
Gözden yabancı cisim çıkarılması	2	
PERFORMANS NOTU		

## ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM

ORTHOPEDICS AND TRAUMATOLOGY		
Merter Yalçinkaya	Prof. M.D.	Head of Department
Kubilay Beng	Assoc. Prof. M.D	
Özgür Korkmaz	Assist. Prof. M.D.	
Rüştü Nuran	Assist. Prof. M.D.	
Uğur Onur Kasman	Assist. Prof. M.D.	
Ahmet Volkan Doğan	Assist. Prof. M.D.	
Hüseyin Nevzat Topçu	Assist. Prof. M.D.	
Yakup Alpay	Assist. Prof. M.D.	

**AIM:** The purpose of Orthopedics and Traumatology clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common orthopedic diseases encountered in primary health care and initiate appropriate medical treatment in emergency cases, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

- LO 1. Get knowledge about general orthopedic terminology.
- LO 2. Demonstrate knowledge necessary for the recognition and management of patients with orthopedic diseases, according to the learning levels mentioned in the National Core Education Program.
- LO 3. Identify appropriate diagnostic tests.
- LO 4. Create an appropriate differential diagnosis.
- LO 5. Describe the basic principles of evaluation of musculoskeletal imaging studies.
- LO 6. Diagnose orthopedic diseases that require urgent intervention, perform emergency treatment at primary level and refer appropriately.
- LO 7. Describe the clinical presentation, pathophysiology, prevention ways, and treatment of sport injuries
- LO 8. Evaluate risk factors for orthopedic diseases on an individual basis and provide consultancy.
- LO 9. Demonstrate knowledge necessary for long-term follow up and control in primary care.

### SKILLS:

- LO 10. Obtain accurate history regarding orthopedic medicine diseases and injuries.

- LO 11.** Perform a basic physical examination of the spine, shoulder, elbow, wrist, hand, hip, knee, ankle, and foot.
- LO 12.** Apply basic medical interventions for the musculoskeletal system (bandaging, splinting, etc.).

**ATTITUDES:**

- LO 13.** Communicate effectively and empathetically with patients and their families.
- LO 14.** Establish and maintain effective working relationships with colleagues and health care professionals.
- LO 15.** Display sufficient social skills when forming a patient-doctor relationship.
- LO 16.** Evaluate the patient as a whole, not only his/her complaint.
- LO 17.** Utilize the library and its resources to research clinical questions that arise during patient care and management.
- LO 18.** Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

CODES*	LEARNING LEVELS
A	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
Ön T	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
T	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
TT	Should be able to diagnose and treat
i	Should be able to perform long-term follow up and control in primary care
K	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*Scientia et amore vitae*

**\*Codes are designed according to the National Core Education Progra**

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		Introduction to orthopedic surgery & Basic Musculoskeletal Radiology (1 hour)	LO 1, LO 5
			History taking and physical examinations in Orthopedics (1 hour)	LO 10, LO 11, LO 13, LO 15, LO 16
		<b>BAU-BASIC</b>	General principles of fracture management and bone healing (1 hour)	LO 17
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		Conservative treatment methods for orthopedic trauma patients and casting techniques (1 hour); Cast and splint techniques for trauma cases-Hands-on Practices (2 hours)	LO 12
<b>Joint pain/swelling, limited joint movement, musculoskeletal pain</b>	Trauma; Dislocation	A; T-A-K	Extremity Trauma: Upper extremity fractures and dislocations 1 (Hand, wrist and forearm) (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Joint pain/swelling, limited joint movement, musculoskeletal pain</b>	Trauma; Dislocation	A; T-A-K	Extremity Trauma: Upper extremity fractures and dislocations 2 (Elbow, humerus and shoulder) (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Musculoskeletal pain</b>	Compartment syndrome	A	Open fractures and compartment syndrome (1 hour)	LO 6, LO 17
<b>Musculoskeletal pain</b>	Trauma	A	Pelvic fractures & Management of the polytrauma patient (1 hour)	LO 6, LO 17
<b>Joint pain/swelling, limited joint movement, immobilization, musculoskeletal pain</b>	Trauma; Dislocation	A; T-A-K	Extremity Trauma: Lower extremity fractures and dislocations 1 (Hip, femur and knee) (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Joint pain/swelling, limited joint movement, immobilization, musculoskeletal pain</b>	Trauma; Dislocation	A; T-A-K	Extremity Trauma: Lower extremity fractures and dislocations 2 (Cruris, ankle and foot) (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Joint pain/swelling, limited joint movement, musculoskeletal pain</b>	Trauma; Dislocation	A; T-A-K	Pediatric fractures and dislocations (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Joint pain/swelling, limited joint movement, musculoskeletal pain</b>	Dislocation	T-A-K	Dislocations and complications of dislocations (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 17
<b>Lower back pain, neck pain, limited joint movement, musculoskeletal pain, chronic pain, morning stiffness</b>	Osteoarthritis	TT-K-İ	Osteoarthritis (Etiology, pathomechanism, clinical & radiological evaluation and treatment) (1 hour)	LO 2, LO 3, LO 4, LO 5, L6, LO 8,LO 9, LO 17, LO 18
<b>Lower back pain, musculoskeletal pain</b>	Trauma and injuries	A	Sports injuries and trauma (1 hour)	LO 6, LO 7
<b>Lower back pain, neck pain, musculoskeletal pain, chronic pain</b>	Bone tumors	Ön T	Bone and soft tissue tumors: Diagnosis & Treatment (2 hours)	LO 2
<b>Fever, musculoskeletal pain</b>	Osteomyelitis; Arthritis; Soft tissue infections	Ön T; TT-K	Orthopedic infections: Osteomyelitis, septic arthritis, soft tissue infections (1 hour)	LO 2, LO 3, LO 4, LO 5, LO 8, LO 17
<b>Pain, limited joint movement</b>		<b>BAU-Ön T</b>	Osteonecrosis and osteochondrosis (1 hour)	LO 4, LO 17
<b>Balance and motion related problems, limited joint movement</b>	Congenital developmental anomalies;	T-K; Ön T-K	Congenital and developmental pediatric anomalies of lower extremity: Developmental Hip Dysplasia & Congenital Club foot (1 hour)	LO 2,LO 3, LO 4, LO 8, LO 18

	Developmental Hip Dysplasia			
<b>Balance and motion related problems, paresis/paralysis</b>	Cerebral Palsy	Ön T	Congenital and developmental pediatric anomalies of lower extremity: Perthes Disease & Cerebral Palsy (1 hour)	LO 2, LO 4
<b>Paresis/paralysis</b>	Torticollis; Birth injury	T; Ön T-K	Congenital and developmental pediatric anomalies of upper extremity: Torticollis & Brachial Plexus Injury & Hemimelia (1 hour)	LO 2, LO 3, LO 4, LO 8
<b>Joint pain/swelling, limited joint movement</b>	Tenosynovitis	TT	Foot & Ankle Disorders -1: Hallux Valgus & Hallux Rigidus & Foot deformities	LO 2, LO 3, LO 4
			Foot & Ankle Disorders -2: Tenosynovitis & Compressive Neuropathies & Other foot disorders	
			Hand & Wrist Disorders: Fractures & Tenosynovitis & Compressive neuropathies (2 hours)	LO 2, LO 3, LO 4
<b>Immobilization, Paresis/paralysis</b>	Spinal Trauma	A	Evaluation and management of spinal trauma patient (1 hour)	LO 2, LO 3, LO 6
<b>Lower back pain</b>	Deformities of the spine	T-K	Deformities of the spine (Scoliosis and kyphosis) (1 hour)	LO 2, LO 3, LO 4, LO 8
<b>Lower back pain</b>	Spinal cord compression syndrome	Ön T	Disorders of the spine (Spondylolisthesis & spondylolysis, lumbar spinal stenosis, cauda equina syndrome) (1 hour)	LO 2,
<b>Fever, pain</b>		<b>BAU-Ön T</b>	Spinal infections (Spondylodiscitis & Pott's disease) (1 hour)	LO 4, LO 17

MEASUREMENT& EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
Group 1	26.09.2022-07.10.2022
Group 2	19.12.2022-30.12.2022
Group 3	30.01.2023-10.02.2023
Group 4	03.04.2023-14.04.2023

McMahon, P., Skinner , H. (2021) CURRENT DIAGNOSIS & TREATMENT , 6<sup>th</sup> Edition, Lange.

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	8:00	8:40	ORTH. SURG.	Introduction to orthopedic surgery & Basic musculoskeletal radiology	Merter Yalçinkaya
Monday	8:50	9:30	ORTH. SURG.	General principles of fracture management and bone healing	Özgür Korkmaz
Monday	9:40	10:20	ORTH. SURG.	Conservative treatment methods for orthopedic trauma patients and casting techniques	Özgür Korkmaz
Monday	10:30	11:10	ORTH. SURG.	Cast & splint techniques for trauma cases - Hands-on Practice	Yakup Alpay
Monday	11:20	12:00	ORTH. SURG.	Cast & splint techniques for trauma cases - Hands-on Practice	Yakup Alpay
Monday	12:00	13:00	<b>LUNCH</b>		
Monday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Monday	13:50	14:30	ORTH. SURG.		
Monday	14:40	15:20	ORTH. SURG.		
Monday	15:30	16:10	ORTH. SURG.		
Monday	16:20	17:00	ORTH. SURG.		
Tuesday	8:00	8:40	ORTH. SURG.	Extremity Trauma: Upper extremity fractures and dislocations 1 (Hand, wrist and forearm)	Ahmet Volkan Doğan
Tuesday	8:50	9:30	ORTH. SURG.	Extremity Trauma: Upper extremity fractures and dislocations 2 (Elbow, humerus and shoulder)	Ahmet Volkan Doğan
Tuesday	9:40	10:20	ORTH. SURG.	Extremity Trauma: Lower extremity fractures and dislocations 1 (Hip, femur and knee)	Hüseyin Nevzat Topçu
Tuesday	10:30	11:10	ORTH. SURG.	Extremity Trauma: Lower extremity fractures and dislocations 2 (Cruis, ankle and foot)	Hüseyin Nevzat Topçu
Tuesday	11:20	12:00	ORTH. SURG.	Sports injuries and trauma	Hüseyin Nevzat Topçu
Tuesday	12:00	13:00	<b>LUNCH</b>		
Tuesday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	ORTH. SURG.		
Tuesday	14:40	15:20	ORTH. SURG.		
Tuesday	15:30	16:10	ORTH. SURG.		
Tuesday	16:20	17:00	ORTH. SURG.		
Wednesday	8:00	8:40	ORTH. SURG.	Open fractures & Compartment syndrome	Ahmet Volkan Doğan
Wednesday	8:50	9:30	ORTH. SURG.	Pelvic fractures & Management of the polytrauma patient	Ahmet Volkan Doğan
Wednesday	9:40	10:20	ORTH. SURG.	Pediatric fractures and dislocations	Rüştü Nuran
Wednesday	10:30	11:10	ORTH. SURG.	Dislocations and complications of dislocations	Rüştü Nuran
Wednesday	11:20	12:00	ORTH. SURG.	Osteoarthritis (Etiology, pathomechanism, clinical & radiological evaluation and treatment)	Rüştü Nuran
Wednesday	12:00	13:00	<b>LUNCH</b>		
Wednesday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	ORTH. SURG.		
Wednesday	14:40	15:20	ORTH. SURG.		
Wednesday	15:30	16:10	ORTH. SURG.		
Wednesday	16:20	17:00	ORTH. SURG.		
Thursday	8:00	8:40	ORTH. SURG.	Orthopedic infections: Osteomyelitis, septic arthritis, soft tissue infections	Özgür Korkmaz
Thursday	8:50	9:30	ORTH. SURG.	Osteonecrosis and osteochondrosis	Özgür Korkmaz
Thursday	9:40	10:20	ORTH. SURG.	Congenital and developmental pediatric anomalies of lower extremity: Developmental Hip Dysplasia & Congenital Club foot	Kubilay Beng
Thursday	10:30	11:10	ORTH. SURG.	Congenital and developmental pediatric anomalies of lower extremity: Perthes Disease & Cerebral Palsy	Kubilay Beng
Thursday	11:20	12:00	ORTH. SURG.	Congenital and developmental pediatric anomalies of upper extremity: Torticollis & Brachial Plexus Injury & Hemimelia	Kubilay Beng
Thursday	12:00	13:00	<b>LUNCH</b>		
Thursday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Thursday	13:50	14:30	ORTH. SURG.		
Thursday	14:40	15:20	ORTH. SURG.		
Thursday	15:30	16:10	ORTH. SURG.		
Thursday	16:20	17:00	ORTH. SURG.		
Friday	8:00	8:40	ORTH. SURG.	Foot & Ankle Disorders -1: Hallux Valgus & Hallux Rigidus & Foot deformities	Yakup Alpay
Friday	8:50	9:30	ORTH. SURG.	Foot & Ankle Disorders -2: Tenosynovitis & Compressive Neuropathies & Other foot disorders	Yakup Alpay
Friday	9:40	10:20	ORTH. SURG.	Hand & Wrist Disorders: Fractures & Tenosynovitis & Compressive neuropathies	Hüseyin Nevzat Topçu
Friday	10:30	11:10	ORTH. SURG.	Bone and soft tissue tumors: Diagnosis & Treatment - 1	Merter Yalçinkaya
Friday	11:20	12:00	ORTH. SURG.	Bone and soft tissue tumors: Diagnosis & Treatment - 2	Merter Yalçinkaya
Friday	12:00	13:00	<b>LUNCH</b>		
Friday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Friday	13:50	14:30	ORTH. SURG.		
Friday	14:40	15:20	ORTH. SURG.		
Friday	15:30	16:10	ORTH. SURG.		
Friday	16:20	17:00	ORTH. SURG.		



				WEEK 2	
Monday	8:00	8:40	ORTH. SURG.	Evaluation and management of spinal trauma patient	Uğur Onur Kasman
Monday	8:50	9:30	ORTH. SURG.	Deformities of the spine (Scoliosis and kyphosis)	Uğur Onur Kasman
Monday	9:40	10:20	ORTH. SURG.	Disorders of the spine (Spondylolisthesis & spondylolysis, lumbar)	Uğur Onur Kasman
Monday	10:30	11:10	ORTH. SURG.	Spinal infections (Spondylodiscitis & Pott's disease)	Uğur Onur Kasman
Monday	11:20	12:00	ORTH. SURG.		
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Monday	13:50	14:30	ORTH. SURG.		
Monday	14:40	15:20	ORTH. SURG.		
Monday	15:30	16:10	ORTH. SURG.		
Monday	16:20	17:00	ORTH. SURG.		
Tuesday	8:00	8:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Tuesday	8:50	9:30	ORTH. SURG.		
Tuesday	9:40	10:20	ORTH. SURG.		
Tuesday	10:30	11:10	ORTH. SURG.		
Tuesday	11:20	12:00	ORTH. SURG.		
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Tuesday	13:50	14:30	ORTH. SURG.		
Tuesday	14:40	15:20	ORTH. SURG.		
Tuesday	15:30	16:10	ORTH. SURG.		
Tuesday	16:20	17:00	ORTH. SURG.		
Wednesday	8:00	8:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Wednesday	8:50	9:30	ORTH. SURG.		
Wednesday	9:40	10:20	ORTH. SURG.		
Wednesday	10:30	11:10	ORTH. SURG.		
Wednesday	11:20	12:00	ORTH. SURG.		
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	ORTH. SURG.	<i>Clinical practice</i>	MP GÖZTEPE
Wednesday	13:50	14:30	ORTH. SURG.		
Wednesday	14:40	15:20	ORTH. SURG.		
Wednesday	15:30	16:10	ORTH. SURG.		
Wednesday	16:20	17:00	ORTH. SURG.		
Thursday	8:00	8:40	ORTH. SURG.	<b>STUDY TIME</b>	
Thursday	8:50	9:30	ORTH. SURG.		
Thursday	9:40	10:20	ORTH. SURG.		
Thursday	10:30	11:10	ORTH. SURG.		
Thursday	11:20	12:00	ORTH. SURG.		
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	ORTH. SURG.	<b>STUDY TIME</b>	
Thursday	13:50	14:30	ORTH. SURG.		
Thursday	14:40	15:20	ORTH. SURG.		
Thursday	15:30	16:10	ORTH. SURG.		
Thursday	16:20	17:00	ORTH. SURG.		
Friday	8:00	8:40	ORTH. SURG.		
Friday	8:50	9:30	ORTH. SURG.	<b>EXAMINATIONS</b>	
Friday	9:40	10:20	ORTH. SURG.		
Friday	10:30	11:10	ORTH. SURG.		
Friday	11:20	12:00	ORTH. SURG.		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	ORTH. SURG.		
Friday	13:50	14:30	ORTH. SURG.	<b>EXAMINATIONS</b>	
Friday	14:40	15:20	ORTH. SURG.		
Friday	15:30	16:10	ORTH. SURG.		
Friday	16:20	17:00	ORTH. SURG.	<b>FEEDBACK MEETING</b>	



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
ORTOPEDİ VE TRAVMATOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....  
Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

McMahon, P., Skinner, H. (2021) CURRENT DIAGNOSIS & TREATMENT, 6<sup>th</sup> Edition, Lange.

**Değerlendirme :**  
Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

**Devam Zorunluluğu :**  
Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN ORTOPEĐİ ve TRAVMATOLOJİ MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alma	4	
Kas-iskelet sistem muayenesi yapabilmek	4	
Reçete düzenleyebilmek	4	
Direk radyografileri okuma ve değerlendirebilmek	3	
Laboratuvar/görüntüleme inceleme istek formu doldurabilmek	4	
Tarama ve tanılal amaçlı inceleme sonuçlarını yorumlayabilmek	3	
Atel hazırlayabilmek ve uygulayabilmek	4	
Bandaj, turnike uygulayabilmek	3	
Yara bakımı – pansuman yapabilmek	2	
El yıkama	4	

PERFORMANS NOTU

## OTORHINOLARYNGOLOGY CLERKSHIP PROGRAM

OTORHINOLARYNGOLOGY		
Şahin Ulu	Prof. M.D.	
Hasan Zafer Hırçın	Assist. Prof. M.D.	
Mehmet Ege Akça	Assist. Prof. M.D.	
Anıl Hişmi	Assist. Prof. M.D.	

**AIM:** The purpose of Otorhinolaryngology clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common ear-nose-throat (ENT) diseases encountered in primary health care and initiate appropriate medical treatment in emergency cases, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Demonstrate knowledge about the anatomy and the physiology of temporal bone, nose, paranasal sinuses, vestibular system, larynx, head, and neck.
<b>LO 2.</b>	Demonstrate knowledge about the physiology of hearing, and voice production.
<b>LO 3.</b>	Describe the symptoms related to otorhinolaryngology.
<b>LO 4.</b>	Demonstrate knowledge necessary for the recognition of ear-nose-throat (ENT) diseases most frequently encountered by primary care practitioner doctors in our country, according to the learning levels mentioned in the National Core Education Program.
<b>LO 5.</b>	Demonstrate knowledge about hearing loss and tinnitus.
<b>LO 6.</b>	Name the various tests for hearing (Rinne, Weber and Schwabach tests) and describe the procedure of each tests.
<b>LO 7.</b>	Evaluate the conditions that cause nasal obstruction/discharge.
<b>LO 8.</b>	List the factors that cause epistaxis and make differential diagnosis.
<b>LO 9.</b>	Gain experience in the initial management and stabilization of patients with acute otorhinolaryngologic emergencies and make patient referrals to appropriate specialized medical departments.
<b>LO 10.</b>	Create an appropriate differential diagnosis.
<b>LO 11.</b>	Explain the common ENT investigations
<b>LO 12.</b>	Demonstrate knowledge of the common therapeutic agents used in ENT diseases.
<b>LO 13.</b>	Evaluate risk factors for ENT diseases on an individual basis and provide consultancy.
<b>LO 14.</b>	Demonstrate knowledge necessary for long-term follow up and control in primary care
<b>LO 15.</b>	Demonstrate knowledge about tracheotomy.

**SKILLS:**

<b>LO 16.</b>	Develop history-taking skills for otorhinolaryngology chief complaints.
<b>LO 17..</b>	Make a general ear-nose-throat examination.
<b>LO 18.</b>	Develop an understanding of the head and neck examination, and learn to recognize abnormal presentations.
<b>LO 19.</b>	Develop an understanding of physical examination of ENT organs (otoscopic examination, anterior rhinoscopy examination, oral cavity, oropharynx, nasopharynx, larynx examinations, taking a throat culture).
<b>LO 20.</b>	Know how to assess a patient presenting with a nosebleed.

**ATTITUDES:**

<b>LO 21.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 22.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 23.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 24.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 25.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 26.</b>	Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU-BASIC</b>	Anatomy of temporal bone; Physiology of hearing (1 hour)	LO 1, LO 2, LO 25
<b>Ear obstruction, Otorrhea &amp; Otagia, Hearing disorder and tinnitus</b>			Symptoms related to otology (Ear obstruction, Otorrhea & Otagia; Hearing disorders)	LO 3, LO 25
		<b>BAU-BASIC</b>	Anatomy and physiology of the nose and paranasal sinuses (1 hour)	LO 1, LO 25
<b>Nasal obstruction &amp; congestion, snoring</b>	Nasal Septal Deviation	Ön T	Diseases of the nasal cavity and paranasal sinuses ( Nasal Septal Deviation) (1 hour)	LO 4, LO 25
<b>Nasal obstruction &amp; congestion</b>	Allergic Rhinitis	TT-K	Diseases of the nasal cavity and paranasal sinuses (Nasal obstruction & congestion, Rhinorrhea; Allergic Rhinitis)	LO 4, LO 11, LO 12, LO 13, LO 25
<b>Nasal obstruction &amp; congestion, Epistaxis, snoring, cough and sputum production, Postnasal drip, stridor, foreign body aspiration, dysphagia</b>	Upper Respiratory Tract Infections	TT-K	Upper Respiratory Tract Infections (1 hour), Halitosis (1 hour), Sore throat (1 hour), Postnasal drip (1 hour)	LO 4, LO 11, LO 12, LO 13, LO 25
		<b>BAU-BASIC</b>	Anatomy and physiology of vestibular system (1 hour)	LO 1, LO 2, LO 25
<b>Oral lesions</b>	Stomatitis	TT	Stomatitis, Halitosis (1 hour)	LO 4, LO 10, LO 11, LO 12, LO 25
<b>Headache, balance and movement problems</b>	Vestibular Neuritis	Ön T	Peripheric vestibular disorders, Vestibular Neuritis	LO 4, LO 25
<b>Headache, balance and movement problems</b>	Meniere's Disease	Ön T	Meniere's Disease	LO 4, LO 25
<b>Headache</b>	Benign paroxysmal positional vertigo	TT	Benign paroxysmal positional vertigo	LO 4, LO 10, LO 11, LO 12, LO 25
<b>Ear obstruction, Otorrhea &amp; Otagia</b>	Otitis Externa	TT-K	Ear Diseases (Otitis Externa)	LO 4, LO 10, LO 11, LO 12, LO 13, LO 25
<b>Hearing disorder and tinnitus, Ear obstruction, Otorrhea &amp; Otagia</b>	Otitis Media; Perforated Ear Drum	TT-K; T	Ear Diseases (Otitis Media; Perforated Ear Drum) (1 hour),	LO 4, LO 10, LO 11, LO 12, LO 13, LO 25
<b>Hearing disorder and tinnitus</b>	Otosclerosis	Ön T	Otosclerosis (1 hour), Tinnitus (1 hour)	LO 4, LO 25
	Facial paresis/paralysis	T-A	Facial paresis/paralysis	LO 4, LO 9, LO 12, LO 25
<b>Snoring</b>	Obstructive Sleep Apnea Syndrome	Ön T	Snoring; Obstructive Sleep Apnea Syndrome	LO 4, LO 25
<b>Halitosis, Nasal obstruction &amp; congestion, snoring</b>	Adenoid Hypertrophy	Ön T	Adenoid Hypertrophy (1 hour),	LO 4, LO 25
		<b>BAU-BASIC</b>	Anatomy of the larynx; Voice physiology (1 hour)	LO 25
<b>Dyspnea, hoarseness, cyanosis, stridor, foreign body aspiration</b>	Laryngeal Obstruction	A	Laryngeal Obstruction (1 hour), Hoarseness (1 hour)	LO 9, LO 12, LO 25
		<b>BAU-BASIC</b>	Anatomy of head and neck (1 hour)	LO 1, LO 25

Oral lesions, sore throat, neck pain, Head and neck masses, Nasal obstruction & congestion, lymphadenopathy, hoarseness, stridor, smoking, dysphagia		Ön T-K	Head and neck cancers (1 hour), Diseases of the oral cavity and pharynx ; Oral Lesions (1 hour), Head and neck masses (1 hour)	LO 4, LO 13, LO 25
Dry mouth	Sjogren Syndrome	Ön T	Salivary Gland Diseases, Sjogren Syndrome	LO 4, LO 25
Headache, altered mental status, nausea and vomiting, Epistaxis, diplopia, balance and movement problems, pupil disorders	Trauma	A	Maxillofacial trauma, Head trauma (1 hour), Epistaxis (1 hour)	LO 4, LO 8, LO 9, LO 25
Nasal obstruction & congestion, Epistaxis, dyspnea, wheezing, snoring, Ear obstruction, Otorrhea & Otagia, cough and sputum production , cyanosis, stridor, foreign body aspiration, dysphagia	Foreign Bodies in the ear, nose, and airway	T-A-K	Foreign Bodies in the ear, nose, and airway	LO 4, LO 9, LO 13, LO 25
		BAU-BASIC	Tracheotomy	LO 15,LO 25

MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
Group 1	29.08.2022-09.09.2022
Group 2	21.11.2022-02.12.2022
Group 3	16.01.2023-27.01.2023
Group 4	20.03.2023-31.03.2023

- Can , K. (2019) KULAK BURUN BOĞAZ HASTALIKLARI VE BAŞ-BOYUN CERRAHİSİ, Güneş Tıp Kitabevi

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

*"scientia et amore vitae"*

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	9:00 - 10:30		CLASS 5 COORDINATOR	<i>Orientation Seminar- Introduction to Class 5</i>	Sebahat Dilek TORUN
Monday				<i>National Core Education Program</i>	
Monday			MEDICAL EDUCATION	<i>Rules to obey in clinical settings</i>	Demet KOÇ
Monday				<i>Program Evaluation-Accreditation</i>	
Monday	11:20	12:00	OTORHINOLARYNGOLOGY		
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	OTORHINOLARYNGOLOGY		
Monday	13:50	14:30	OTORHINOLARYNGOLOGY		
Monday	14:40	15:20	OTORHINOLARYNGOLOGY		
Monday	15:30	16:10	OTORHINOLARYNGOLOGY		
Monday	16:20	17:00	OTORHINOLARYNGOLOGY		
Tuesday				<b>National Holiday-Victory Day</b>	
Wednesday	8:00	8:40	OTORHINOLARYNGOLOGY	Introduction to otorhinolaryngology / Anatomy of temporal bone;Physiology of hearing	Anil Hişmi
Wednesday	8:50	9:30	OTORHINOLARYNGOLOGY	Symptoms related to otology (Ear obstruction, Otorrhea & Otalgia; Hearing disorders)	Anil Hişmi
Wednesday	9:40	10:20	OTORHINOLARYNGOLOGY	Maxillofacial trauma, Head trauma	Anil Hişmi
Wednesday	10:30	11:10	OTORHINOLARYNGOLOGY	Tracheotomy	Anil Hişmi
Wednesday	11:20	12:00	OTORHINOLARYNGOLOGY	Foreign Bodies in the ear, nose, and airway	Anil Hişmi
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	OTORHINOLARYNGOLOGY	Anatomy and physiology of the nose and paranasal	Şahin Ulu
Wednesday	13:50	14:30	OTORHINOLARYNGOLOGY	Diseases of the nasal cavity and paranasal sinuses ( Nasal Septal Deviation)	Şahin Ulu
Wednesday	14:40	15:20	OTORHINOLARYNGOLOGY	Diseases of the nasal cavity and paranasal sinuses (Nasal obstruction & congestion, Rhinorrhea; Allergic Rhinitis)	Şahin Ulu
Wednesday	15:30	16:10	OTORHINOLARYNGOLOGY	Upper Respiratory Tract Infections	Şahin Ulu
Wednesday	16:20	17:00	OTORHINOLARYNGOLOGY	Epistaxis	Şahin Ulu
Thursday	8:00	8:40	OTORHINOLARYNGOLOGY	Anatomy and physiology of vestibular system	H. Zafer Hırçın
Thursday	8:50	9:30	OTORHINOLARYNGOLOGY	Stomatitis, Halitosis	H. Zafer Hırçın
Thursday	9:40	10:20	OTORHINOLARYNGOLOGY	Perypheric vestibular disorders, Vestibular Neuritis	H. Zafer Hırçın
Thursday	10:30	11:10	OTORHINOLARYNGOLOGY	Meniere's Disease;	H. Zafer Hırçın
Thursday	11:20	12:00	OTORHINOLARYNGOLOGY	Benign paroxysmal positional vertigo	H. Zafer Hırçın
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	OTORHINOLARYNGOLOGY	Anatomy of the larynx; Voice physiology	Şahin Ulu
Thursday	13:50	14:30	OTORHINOLARYNGOLOGY	Hoarseness	Şahin Ulu
Thursday	14:40	15:20	OTORHINOLARYNGOLOGY	Laryngeal Obstruction	Şahin Ulu
Thursday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Friday	8:00	8:40	OTORHINOLARYNGOLOGY	Anatomy of head and neck	M. Ege Akça
Friday	8:50	9:30	OTORHINOLARYNGOLOGY	Head and neck masses	M. Ege Akça
Friday	9:40	10:20	OTORHINOLARYNGOLOGY	Head and neck cancers	M. Ege Akça
Friday	10:30	11:10	OTORHINOLARYNGOLOGY	Salivary Gland Diseases, Sjogren Syndrome	M. Ege Akça
Friday	11:20	12:00	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	OTORHINOLARYNGOLOGY	Otitis Externa	M. Ege Akça
Friday	13:50	14:30	OTORHINOLARYNGOLOGY	Otitis Media; Perforated Ear Drum	M. Ege Akça
Friday	14:40	15:20	OTORHINOLARYNGOLOGY	Otosclerosis	M. Ege Akça
Friday	15:30	16:10	OTORHINOLARYNGOLOGY	Tinnitus	M. Ege Akça
Friday	16:20	17:00	OTORHINOLARYNGOLOGY	Facial paralysis	M. Ege Akça

				WEEK 2	
Monday	8:00	8:40	OTORHINOLARYNGOLOGY	Sore throat	H. Zafer Hırçın
Monday	8:50	9:30	OTORHINOLARYNGOLOGY	Diseases of the oral cavity and pharynx ; Oral Lesions	H. Zafer Hırçın
Monday	9:40	10:20	OTORHINOLARYNGOLOGY	Diseases of nasopharynx, Postnasal drip	H. Zafer Hırçın
Monday	10:30	11:10	OTORHINOLARYNGOLOGY	Adenoid Hypertrophy	H. Zafer Hırçın
Monday	11:20	12:00	OTORHINOLARYNGOLOGY	Snoring; Obstructive Sleep Apnea Syndrome	H. Zafer Hırçın
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Taking the history and recording the</i>	MP GÖZTEPE
Monday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice: General ear-nose-throat &amp; head and</i>	
Monday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Monday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Monday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Approach to epistaxis and applying an</i>	
Tuesday	8:00	8:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Taking the history and recording the</i>	MP GÖZTEPE
Tuesday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Anterior Rhinoscopic Examination</i>	
Tuesday	9:40	10:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	10:30	11:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	11:20	12:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Otoscopic Examination</i>	MP GÖZTEPE
Tuesday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Tuesday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	8:00	8:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Head and Neck examination</i>	MP GÖZTEPE
Wednesday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Examination of the larynx</i>	
Wednesday	9:40	10:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	10:30	11:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	11:20	12:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Examination of the oral cavity and</i>	MP GÖZTEPE
Wednesday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Examination of the nasopharynx</i>	
Wednesday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Taking a throat culture</i>	
Wednesday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Rinne, Weber and Schwabach tests</i>	MP GÖZTEPE
Thursday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Thursday	9:40	10:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Thursday	10:30	11:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Thursday	11:20	12:00	OTORHINOLARYNGOLOGY	<i>A visit to audiology unit</i>	
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Friday	8:00	8:40	OTORHINOLARYNGOLOGY		
Friday	8:50	9:30	OTORHINOLARYNGOLOGY	EXAMINATIONS	
Friday	9:40	10:20	OTORHINOLARYNGOLOGY		
Friday	10:30	11:10	OTORHINOLARYNGOLOGY		
Friday	11:20	12:00	OTORHINOLARYNGOLOGY		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	OTORHINOLARYNGOLOGY		
Friday	13:50	14:30	OTORHINOLARYNGOLOGY	EXAMINATIONS	
Friday	14:40	15:20	OTORHINOLARYNGOLOGY		
Friday	15:30	16:10	OTORHINOLARYNGOLOGY		
Friday	16:20	17:00	OTORHINOLARYNGOLOGY	FEEDBACK MEETING	





BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KULAK BURUN BOĞAZ HASTALIKLARI VE BAŞ  
BOYUN CERRAHİSİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....

Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

Can , K. (2019) KULAK BURUN BOĞAZ HASTALIKLARI VE BAŞ-BOYUN CERRAHİSİ, Güneş Tıp Kitabevi

**Değerlendirme :**

Teorik Sınav: % 40

Sözlü Sınav: % 50

Performans Notu: % 10

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

KBB HASTALIKLARI TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
KBB ve Baş boyun muayenesi	3	
Otoskopik muayene	3	
Rinne, Weber ve Schwabach testlerini uygulayabilme	3	
Dix-Hallpike ve Epley manevralarını uygulayabilme	3	
Anterior rinoskopik muayene	3	
Burun kanamasına müdahale edebilme	2	
Boğaz kültürü alma	3	
Trakeotomi	1	
Aydınlatma ve onam alabilme	4	
Epikriz hazırlayabilme	4	
Hasta dosyası hazırlayabilme	4	
Reyete düzenleyebilme	4	
Laboratuvar incelemeleri için istek formu doldurabilme	4	
PERFORMANS NOTU		

## PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM

PHYSICAL MEDICINE AND REHABILITATION		
Demet Ofluođlu	Prof. M. D.	Head of Department
Zeynep İyigün	Assoc. Prof. M.D	
Ece Emel Özcan Ekşi	Assist. Prof. M.D.	

**AIM:** The purpose of Physical Medicine and Rehabilitation Clerkship is to convey necessary knowledge on pathology, symptomatology, clinical findings, and treatment of musculoskeletal diseases and to equip students with basic knowledge, skills, and attitudes on rehabilitation medicine.

### LEARNING OBJECTIVES:

*At the end of the program, the students should be able to:*

### KNOWLEDGE:

LO 1.	Explain the normal structure and function of the musculoskeletal system.
LO 2.	Demonstrate knowledge necessary for the recognition of musculoskeletal system problems most frequently encountered by primary care practitioner doctors in our country, according to the learning levels mentioned in the National Core Education Program.
LO 3.	Apply clinical knowledge and laboratory skills to make a diagnosis.
LO 4.	Explain the causes of diseases involving the musculoskeletal system.
LO 5.	Get knowledge for sport injuries and basic rehabilitation principles.
LO 6.	Describe rehabilitation principles in stroke patients.
LO 7.	Describe rehabilitation principles in spinal cord injury.
LO 8.	Explain pathophysiology of pain, pain assessment, and medical treatment of physiotherapy of different types of pain.
LO 9.	Describe neurological rehabilitation in cerebral palsy and spina bifida patients.
LO 10.	Evaluate radiology of spine and joints in musculoskeletal system diseases.
LO 11.	Evaluate risk factors for musculoskeletal system diseases on an individual basis and provide consultancy.
LO 12.	Demonstrate knowledge necessary for long-term follow up and control in primary care.

### SKILLS:

LO 13.	Take history from the patient for musculoskeletal system diseases.
LO 14.	Make musculoskeletal system and neurologic examination.

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**LO 15.** Evaluate muscle strength and spasticity.

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**ATTITUDES:**

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**LO 16.** Communicate effectively and empathetically with patients and their families.

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**LO 17.** Establish and maintain effective working relationships with colleagues and health care professionals.

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**LO 18.** Display sufficient social skills when forming a patient-doctor relationship.

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**LO 19.** Evaluate the patient as a whole, not only his/her complaint.


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**LO 20.** Utilize the library and its resources to research clinical questions that arise during patient care and management.

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**LO 21.** Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

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CODES*	LEARNING LEVELS
A	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
Ön T	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
T	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
TT	Should be able to diagnose and treat
İ	Should be able to perform long-term follow up and control in primary care
K	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program.*

*"scientia et amore vitae"*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU-BASIC</b>	Introduction to Physical Medicine and Rehabilitation (1 hour)	LO 1, LO 18, LO 19
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		Physical Examination for musculoskeletal problems (1 hour)	LO 13, LO 14, LO 15, LO 16, LO 18, LO 19
<b>Lower back pain, neck pain, chest pain, weakness/fatigue, Musculoskeletal pain, chronic pain, Neuropathic Pain, morning stiffness, sleeping problems</b>	Fibromyalgia	T	Common muscle skeletal pain syndromes: Chronic pain, Fibromyalgia and Myofascial pain (1 hour)	LO 2, LO 3, LO 8, LO 20
<b>Lower back pain</b>	Mechanical low back pain	TT-K	Mechanical low back pain and differential diagnosis (1 hour)	LO 2, LO 3, LO 8, LO 10, LO 20
<b>Musculoskeletal pain</b>			Cervical spinal and upper extremity pain: Differential diagnosis (1 hour)	LO 4, LO 20
<b>Lower back pain, neck pain, joint pain/swelling, joint limitation, Musculoskeletal pain, chronic pain, morning stiffness</b>	Rheumatoid arthritis ; Polymyalgia Rheumatica	Ön T	Rheumatoid arthritis and Polymyalgia Rheumatica (1 hour)	LO 2, L 20
<b>Lower back pain, neck pain, joint pain/swelling, joint limitation, Musculoskeletal pain, shoulder pain, morning stiffness, flank pain</b>	Spondyloarthropathies	Ön T	Spondyloarthropathies (1 hour)	LO 2, LO 20
<b>Motion and balance related problems, , paresis/paralysis</b>	Cerebral Palsy	Ön T	Neurological rehabilitation in pediatrics: Cerebral palsy and spina bifida (2 hour)	LO 2, LO 9, LO 20
<b>Lower back pain, joint pain/swelling, Musculoskeletal pain, chronic pain, shoulder pain, morning stiffness</b>	Arthritis	T	Joint pain: Monoarthritis and Poliartthritis -Differential diagnosis- (1 hour),	LO 2, LO 3, LO 8, LO 20
<b>Lower back pain, neck pain, joint pain/swelling, joint limitation, Musculoskeletal pain, chronic pain, morning stiffness</b>	Osteoarthritis	TT-K-i	Degenerative joint disease (1 hour)	LO 2, LO 3, LO 8, LO 10, LO 11, LO 12, LO 20
<b>Lower back pain, cramp; joint pain/swelling, chest wall anomalies, weakness/fatigue, Musculoskeletal pain, chronic pain, shoulder pain, cramp, micro-macrocephaly, repetitive falls, tetany</b>	Osteoporosis; Vitamin D deficiency	Ön T; TT-K-i	Osteoporosis, Vitamin D deficiency (1 hour)	LO 2, LO3, LO 10, LO 11, LO 12, LO 17, LO 20, LO 21
<b>Lower back pain, neck pain, immobilization, Musculoskeletal pain, chronic pain, shoulder pain</b>	Trauma and injuries	A	Sport related injuries (1 hour)	LO 2, LO3, LO 5, LO 17, LO 20
<b>Neuropathic Pain</b>	Neuropathic Pain		Common entrapment neuropathies: upper and lower extremity (1 hour)	LO 4, LO 20

<b>Headache, altered state of consciousness, impaired judgement / forgetfulness, balance problems and disorders, immobilization, muscle weakness, speech disorders, paresthesia, paresis/paralysis, pupil disorders, syncope, tremor, urinary incontinence</b>	Stroke	A-K-i	Rehabilitation principles in Stroke patients (1 hour)	LO 3, LO 4, LO 6, LO 17, LO 19, LO 20
<b>Immobilization, paresis/paralysis, flank pain, Motion and balance related problems</b>	Spinal trauma	A	Rehabilitation principles in spinal cord injury (1 hour)	LO 3, LO 4, LO 7, LO 17, LO 19, LO 20

MEASUREMENT & EVALUATION		GROUPS	DATES
Clinical performance assessment	10 %	<b>Group 1</b>	10.10.2022-21.10.2022
Oral examination	50 %	<b>Group 2</b>	02.01.2023-13.01.2023
Theoretical examination	40 %	<b>Group 3</b>	13.02.2023-24.02.2023
TOTAL	100 %	<b>Group 4</b>	17.04.2023-05.05.2023

- Cifu, D.X. (2020) Braddom's PHYSICAL MEDICINE and REHABILITATION, Sixth Edition, Elsevier.

**BAU TIP**

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

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DAY	HOURS	COURSE NAME	TOPIC	LECTURER	
			<b>WEEK 1</b>		
Monday	8:00	8:40	PHYS. THERAPY & REHAB.	Introduction to Physical Medicine and	Emel Ece Özcan Ekşi
Monday	8:50	9:30	PHYS. THERAPY & REHAB.	Physical Examination for musculoskeletal problems	Emel Ece Özcan Ekşi
Monday	9:40	10:20	PHYS. THERAPY & REHAB.	Common muscle skeletal pain syndromes:Chronic pain, Fibromyalgia and Myofasial pain	Emel Ece Özcan Ekşi
Monday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	Emel Ece Özcan Ekşi
Monday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	Emel Ece Özcan Ekşi
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Monday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Monday	14:40	15:20	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Monday	15:30	16:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Monday	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Tuesday	8:00	8:40	PHYS. THERAPY & REHAB.	Rehabilitation principles in spinal cord injury	Demet Ofluoğlu
Tuesday	8:50	9:30	PHYS. THERAPY & REHAB.	Neurological rehabilitation in pediatrics: Cerebral palsy and spina bifida	Demet Ofluoğlu
Tuesday	9:40	10:20	PHYS. THERAPY & REHAB.	Neurological rehabilitation in pediatrics: Cerebral palsy and spina bifida	Demet Ofluoğlu
Tuesday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Tuesday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Tuesday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Tuesday	14:40	15:20	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Tuesday	15:30	16:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Tuesday	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Wednesday	8:00	8:40	PHYS. THERAPY & REHAB.	Sport related injuries	Demet Ofluoğlu
Wednesday	8:50	9:30	PHYS. THERAPY & REHAB.	Common entrapment neuropathies: upper and lower extremity	Demet Ofluoğlu
Wednesday	9:40	10:20	PHYS. THERAPY & REHAB.	STUDY TIME	
Wednesday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Wednesday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Wednesday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Wednesday	14:40	15:20	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Wednesday	15:30	16:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Wednesday	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Thursday	8:00	8:40	PHYS. THERAPY & REHAB.	Mechanical low back pain and differential diagnosis	Emel Ece Özcan Ekşi
Thursday	8:50	9:30	PHYS. THERAPY & REHAB.	Cervical spinal and upper extremity pain: Differential diagnosis	Emel Ece Özcan Ekşi
Thursday	9:40	10:20	PHYS. THERAPY & REHAB.	Osteoporosis, Vitamin D deficiency	Emel Ece Özcan Ekşi
Thursday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Thursday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Thursday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Thursday	14:40	15:20	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Thursday	15:30	16:10	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Thursday	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Friday	8:00	8:40	PHYS. THERAPY & REHAB.	Joint pain: Monoarthritis and Poliartthritis - Differential diagnosis-	Zeynep İyigün
Friday	8:50	9:30	PHYS. THERAPY & REHAB.	Degenerative joint disease	Zeynep İyigün
Friday	9:40	10:20	PHYS. THERAPY & REHAB.	Rheumatoid arthritis and Polimyalgia Rheumatica	Zeynep İyigün
Friday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Friday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PHYS. THERAPY & REHAB.	Physical Examination for musculoskeletal problems- Clinical Practice	Zeynep İyigün
Friday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Friday	14:40	15:20	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Friday	15:30	16:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Friday	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	

				WEEK 2	
Monday	8:00	8:40	PHYS. THERAPY & REHAB.	Spondiloarthropathies	Zeynep İyigün
Monday	8:50	9:30	PHYS. THERAPY & REHAB.	Rehabilitation principles in Stroke patients	Zeynep İyigün
Monday	9:40	10:20	PHYS. THERAPY & REHAB.	STUDY TIME	
Monday	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
Monday	11:20	12:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
Monday	13:50	14:30	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
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Tuesday	11:20	12:00	PHYS. THERAPY & REHAB.	Clinical practice	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
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Wednesda	8:00	8:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
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Wednesda	10:30	11:10	PHYS. THERAPY & REHAB.	STUDY TIME	
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Wednesda	12:00	13:00		LUNCH	
Wednesda	13:00	13:40	PHYS. THERAPY & REHAB.	Clinical practice	Zeynep İyigün
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Wednesda	16:20	17:00	PHYS. THERAPY & REHAB.	STUDY TIME	
Thursday	8:00	8:40	PHYS. THERAPY & REHAB.	Clinical practice	MP GÖZTEPE
Thursday	8:50	9:30	PHYS. THERAPY & REHAB.	Clinical practice	
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Thursday	16:20	17:00	PHYS. THERAPY & REHAB.	Clinical practice	
Friday	8:00	8:40	PHYS. THERAPY & REHAB.	EXAMINATIONS	
Friday	8:50	9:30	PHYS. THERAPY & REHAB.		
Friday	9:40	10:20	PHYS. THERAPY & REHAB.		
Friday	10:30	11:10	PHYS. THERAPY & REHAB.		
Friday	11:20	12:00	PHYS. THERAPY & REHAB.		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	PHYS. THERAPY & REHAB.	EXAMINATIONS	
Friday	13:50	14:30	PHYS. THERAPY & REHAB.		
Friday	14:40	15:20	PHYS. THERAPY & REHAB.		
Friday	15:30	16:10	PHYS. THERAPY & REHAB.		
Friday	16:20	17:00	PHYS. THERAPY & REHAB.	FEEDBACK MEETING	



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
FİZİKSEL TIP VE REHABİLİTASYON ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....  
Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

- Cifu, D.X. (2020) Braddom's PHYSICAL MEDICINE and REHABILITATION, Sixth Edition, Elsevier.

**Değerlendirme :**

Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN FİZİKSEL TIP ve REHABİLİTASYON MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme ve sonuçları kaydedebilme	4	
Kas-iskelet sistem muayenesi	3	
Recete düzenleyebilme	4	
Direkt radyografileri okuma ve değerlendirme	3	
PERFORMANS NOTU		



## PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP PROGRAM

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY		
Ercan Karacaoğlu	Prof. M. D.	Head of Department
Mustafa Tonguç İşken	Prof. M. D.	
Mete Aksoy	Assoc. Prof. M.D.	
Burak Sercan Erçin	Assist. Prof. M. D	

**AIM:** The purpose of Plastic, Reconstructive, and Aesthetic Surgery clerkship is to equip students with the necessary knowledge, skills, and attitudes to recognize common diseases and conditions related to Plastic, Reconstructive, and Aesthetic surgery; to distinguish emergency situations, perform the first intervention and refer appropriately to a specialized center.

### LEARNING OBJECTIVES:

*At the end of this clerkship, the student should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Explain the scope of Plastic, Reconstructive and Aesthetic surgery.
<b>LO 2.</b>	Explain the causes, clinical findings, diagnostic methods, surgical approach principles, and referral criteria of the common diseases of Plastic, Reconstructive and Aesthetic surgery according to the learning levels mentioned in the National Core Education Program.
<b>LO 3.</b>	Make the definition, and classification of the wound; recognize and treat wounds that can be treated in primary care; and refer the wounds that cannot be treated in primary care with appropriate dressing.
<b>LO 4.</b>	Recognize emergency surgery situations related to Plastic, Reconstructive and Aesthetic surgery (maxilla-facial trauma, hand and skin injuries, extremity trauma, etc.), perform the first intervention at the primary level, and provide appropriate referral.
<b>LO 5.</b>	Define the burns, classify and explain the treatment approaches; recognize and treat burns that can be treated in primary care; and refer burns that cannot be cured in primary care appropriately.
<b>LO 6.</b>	Evaluate risk factors for diabetic foot, skin and soft tissue infections, skin cancers on an individual basis and provide consultancy.
<b>LO 7.</b>	Demonstrate knowledge necessary for long-term follow up of diabetic foot and control in primary care.
<b>LO 8.</b>	Demonstrate knowledge about facial nerve anatomy.

**SKILLS:**

<b>LO 9.</b>	Take medical history from the patient.
<b>LO 10.</b>	Apply the examination methods related to Plastic, Reconstructive and Aesthetic surgery.
<b>LO 11.</b>	Apply basic medical interventions (suturing, wound care, wound care after minor burn injury) related to Plastic, Reconstructive and Aesthetic surgery.
<b>LO 12.</b>	Apply abscess drainage in uncomplicated cases.

**ATTITUDES:**

<b>LO 13.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 14.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 15.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 16.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 17.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 18.</b>	Recognize the importance of cost-effective health care, quality assurance, and practice guidelines in today's health care environment.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
			Introduction to the Clerkship (1 hour)	LO 1
<b>Anuria-oliguria, burn, hypothermia/hyperthermia</b>	Burns	TT-A	Burn Management (2 Hours)	LO 2, LO 5, LO 17
<b>Pruritis, alopecia, lymphadenopathy</b>	Skin and Soft Tissue Infections; abscess	TT-K	Skin and Soft Tissue Infections; abscess (1 hour),	LO 2, LO 6, LO 17
	Skin Injuries	A	Wound Healing (1 hour), Reconstructive surgery principles and approach for skin injuries ( 1 hour) , Soft tissue injuries of the face and hand (1 hour), Grafts and Flaps (2 hour)	LO 3, LO 4, LO 17
<b>Change of consciousness, nausea, vomiting, petechiae, purpura, ecchymosis, pain, diplopia, epistaxis</b>	Head Trauma	A	Head Trauma (Maxillofacial bone and soft tissue trauma) (1 hour)	LO 4, LO 17
<b>Skin, hair and nail changes (xerosis, discoloration etc.), weight loss</b>	Skin Cancers	Ön T-K	Skin Cancers (SCC, BCC) (1 hour), Skin Cancers ( Malignant Melanoma) (1 hour), Benign Skin Lesions ( 1 hour)	LO 2, LO 6, LO 17, LO 18
	Vascular Malformations and Hemangiomas	Ön T	Vascular Malformations and Hemangiomas ( 1 hour)	LO 2, LO 17
		<b>BAU BASIC</b>	Facial nerve anatomy and facial nerve branches examination ( 1 hour)	LO 8, LO 17
<b>Sucking Difficulty</b>	Cleft Lip and Cleft Palate	T	Cleft Lip and Cleft Palate (1 hour)	LO 2, LO 17
	Pressure Sores	TT-K-İ	Chronic Wounds (Pressure Sores) (1 hour)	LO 2, LO 3, LO 6, LO 7, LO 17, LO 18
	Trauma	A	Post-traumatic Extremity Amputations (Emergency care, transport) (1 hour)	LO 4
<b>Neuropathic pain</b>	Diabetes Mellitus and Complications	TT-A-K-İ	Chronic Wounds (Diabetic Foot) ( 1 hour)	LO 2, LO 3, LO 4, LO 6, LO 7, LO 17, LO 18

MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

- Chung K.C. (2019) GRABB and SMITH'S PLASTIC SURGERY. Lippincott Williams and Wilkins
- Richard A., Dafydd H. (2014) KEY NOTES ON PLASTIC SURGERY . John Wiley and Sons Ltd.

GROUPS	DATES
Group 1	12.09.2022-23.09.2022
Group 2	05.12.2022-16.12.2022
Group 3	16.01.2023-27.01.2023
Group 4	20.03.2023-31.03.2023


  
**BAU TIP**
  
 BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ
   
*"scientia et amore vitae"*

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	8:00	8:40	PLASTIC SURGERY	Introduction to the Clerkship	TONGUÇ İŞKEN
Monday	8:50	9:30	PLASTIC SURGERY	Burn Management (Thermal burns and basic burn wound care)	TONGUÇ İŞKEN
Monday	9:40	10:20	PLASTIC SURGERY	Burn Management (Electrical injuries and Inhalation injuries)	TONGUÇ İŞKEN
Monday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	8:00	8:40	PLASTIC SURGERY	Wound Healing	METE AKSOY
Tuesday	8:50	9:30	PLASTIC SURGERY	Skin and Soft Tissue Infections; abscess	METE AKSOY
Tuesday	9:40	10:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	PLASTIC SURGERY	<i>STUDY TIME</i>	
Wednesday	8:50	9:30	PLASTIC SURGERY	<i>STUDY TIME</i>	
Wednesday	9:40	10:20	PLASTIC SURGERY	Head Trauma (Maxillofacial bone and soft tissue trauma)	BURAK ERÇİN
Wednesday	10:30	11:10	PLASTIC SURGERY	Skin Cancers (SCC, BCC)	BURAK ERÇİN
Wednesday	11:20	12:00	PLASTIC SURGERY	Skin Cancers ( Malignant Melanom)	BURAK ERÇİN
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	8:00	8:40	PLASTIC SURGERY	<i>STUDY TIME</i>	
Thursday	8:50	9:30	PLASTIC SURGERY	Grafts	ERCAN KARACAOĞLU
Thursday	9:40	10:20	PLASTIC SURGERY	Flaps	ERCAN KARACAOĞLU
Thursday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Thursday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	8:00	8:40	PLASTIC SURGERY	Benign Skin Lesions	ERCAN KARACAOĞLU
Friday	8:50	9:30	PLASTIC SURGERY	Vascular Malformations and Hemangiomas	ERCAN KARACAOĞLU
Friday	9:40	10:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Friday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	

				WEEK 2	
Monday	8:00	8:40	PLASTIC SURGERY	Post-traumatic Extremity Amputations (Emergency care, transport)	METE AKSOY
Monday	8:50	9:30	PLASTIC SURGERY	Reconstructive surgery principles and approach for skin injuries	METE AKSOY
Monday	9:40	10:20	PLASTIC SURGERY	Soft tissue injuries of the face and hand.	METE AKSOY
Monday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	13:50	14:30	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	14:40	15:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Monday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	8:00	8:40	PLASTIC SURGERY	Facial nerve anatomy and facial nerve branches examination	TONGUÇ İŞKEN
Tuesday	8:50	9:30	PLASTIC SURGERY	Cleft Lip and Cleft Palate	TONGUÇ İŞKEN
Tuesday	9:40	10:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
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Tuesday	15:30	16:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Tuesday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	PLASTIC SURGERY	Chronic Wounds 1 (Pressure Sores)	BURAK ERÇİN
Wednesday	8:50	9:30	PLASTIC SURGERY	Chronic Wounds 1 (Diabetic Foot)	BURAK ERÇİN
Wednesday	9:40	10:20	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
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Thursday	12:00	13:00			
Thursday	13:00	13:40	PLASTIC SURGERY	STUDY TIME	
Thursday	13:50	14:30	PLASTIC SURGERY	STUDY TIME	
Thursday	14:40	15:20	PLASTIC SURGERY	STUDY TIME	
Thursday	15:30	16:10	PLASTIC SURGERY	STUDY TIME	
Thursday	16:20	17:00	PLASTIC SURGERY	STUDY TIME	
Friday	8:00	8:40	PLASTIC SURGERY	EXAMINATIONS	
Friday	8:50	9:30	PLASTIC SURGERY		
Friday	9:40	10:20	PLASTIC SURGERY		
Friday	10:30	11:10	PLASTIC SURGERY		
Friday	11:20	12:00	PLASTIC SURGERY		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	PLASTIC SURGERY	EXAMINATIONS	
Friday	13:50	14:30	PLASTIC SURGERY		
Friday	14:40	15:20	PLASTIC SURGERY		
Friday	15:30	16:10	PLASTIC SURGERY		
Friday	16:20	17:00	PLASTIC SURGERY	FEEDBACK MEETING	



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
**PLASTİK, REKONSTRÜKTİF ve ESTETİK CERRAHİ AD**  
**DÖNEM 5 MESLEKİ UYGULAMA KARNESİ**  
**2022-2023**

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....  
Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

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**Değerlendirme :**

Teorik Sınav: % 40  
Sözlü Sınav: % 50  
Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN PLASTİK, REKONSTRÜKTİF VE ESTETİK CERRAHİ MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER		
Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
Yara- yankı bakımı yapabime	3	
Yüzeysel sütür atabilme ve alabilme	4	
Travma sonrası kopan uzvun uygun olarak taşınmasını sağlayabilme	4	
Deri ve yumuşak doku apsesi açabilme	3	
Aydınlatma ve onam alabilme	4	
Epikriz hazırlayabilme	4	
Hasta dosyası hazırlayabilme	4	
Reçete düzenleyebilme	4	
Laboratuvar incelemeleri için istek formu doldurabilme	4	
PERFORMANS NOTU		

## PSYCHIATRY AND BEHAVIORAL SCIENCES CLERKSHIP PROGRAM

PSYCHIATRY		
Sibel Çakır	Prof. M. D.	Head of Department
Asil Budaklı	Assist. Prof. M. D.	

CHILD AND ADOLESCENT MENTAL HEALTH AND DISEASES		
Özgür Öner	Prof. M. D.	Head of Department

**AIM:** The purpose of the clerkship is to equip students with the necessary knowledge, skills, and attitudes required in the recognition and evaluation of common diseases/problems related to the field of Mental Health and Diseases in primary health care and initiate medical treatment in emergency cases, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of this clerkship, the student should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Explain the concept of mental health.
<b>LO 2.</b>	Demonstrate knowledge necessary for the recognition of psychiatric problems most frequently encountered by primary care practitioner doctors , according to the learning levels mentioned in the National Core Education Program.
<b>LO 3.</b>	Diagnose depression, apply prevention principles, inform the patients and their relatives about the treatment and follow up plan, and refer to appropriate specialized medical departments when necessary.
<b>LO 4.</b>	Recognize and evaluate psychiatric emergencies, make initial treatment and refer the patient appropriately to a specialized medical department.
<b>LO 5.</b>	Demonstrate the ability to identify substance use disorders and propose a treatment plan based on data obtained.
<b>LO 6.</b>	Explain the concept of forensic psychiatry and determine the capacity to consent.
<b>LO 7.</b>	Describe the major categories of medications used in psychiatry, including mechanisms of action, major side effects, and appropriate uses.
<b>LO 8.</b>	Demonstrate the ability to assess the risk of suicide in patients and propose an appropriate plan of action.
<b>LO 9.</b>	Evaluate risk factors for psychiatric diseases on an individual basis and provide consultancy.
<b>LO 10.</b>	Demonstrate knowledge necessary for long-term follow up of psychiatric patients in primary care.



**SKILLS:**

<b>LO 11.</b>	Conduct a comprehensive psychiatric history and examination.
<b>LO 12.</b>	Interpret and perform the mental status examination.
<b>LO 13.</b>	Perform Mini-mental State Examination.
<b>LO 14.</b>	Evaluate legal capacity in an emergent situation according to guidelines.

**ATTITUDES:**

<b>LO 15.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 16.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 17.</b>	Display sufficient social skills when forming a patient-doctor relationship.
<b>LO 18.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 19.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 20.</b>	Describe the legal and ethical issues pertinent to the care of psychiatric patients.

<b>CODES*</b>	<b>LEARNING LEVELS</b>
<b>A</b>	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
<b>Ön T</b>	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
<b>T</b>	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
<b>TT</b>	Should be able to diagnose and treat
<b>İ</b>	Should be able to perform long-term follow up and control in primary care
<b>K</b>	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
			Introduction to the program; Doctor-patient relationship in Psychiatry (1 hour)	LO 1, LO 11, LO 17, LO 20,
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		History taking in Psychiatry (1 hour)	LO 11, LO 15, LO 17, LO 18, LO 20
			Psychiatric Interview (1 hour)	LO 11, LO 15, LO 18, LO 20, LO 20
			Mental status examination (1 hour)	LO 12
<b>Mood disorders, hyperactivity, learning disability</b>		Attention Deficit Hyperactivity Disorder	Ön T	Attention Deficit Hyperactivity Disorder (1 hour)
<b>Learning disability</b>	Disruptive, Impulse Control and Conduct Disorders	Ön T	Disruptive, Impulse Control and Conduct Disorders (1 hour)	LO 2
<b>Learning disability</b>	Learning Difficulty	Ön T	Learning Difficulty (1 hour)	LO 2
<b>Motion disorders</b>	Tic Disorders	Ön T	Tic Disorders (1 hour)	LO 2
<b>Judgement impairment, Learning disability</b>	Mental Retardation, Intellectual disability	Ön T	Mental Retardation, Intellectual disability (1 hour)	LO 2
<b>Anxiety, cognitive disorders/forgetfulness, mood disorders, encopresis, hallucinations, hyperactivity, Suicide, self-mutilation, judgement impairment, anger and aggression, sleeping problems</b>	Schizophrenia and other Psychotic Disorders	Ön T-A-K	Schizophrenia and other Psychotic Disorders (2 hours)	LO 2, LO 4, LO 6, LO 7, LO 9, LO 14
<b>Headache, cognitive disorders/forgetfulness, sexual function problems , mood disorders, weakness/fatigue, immobilization, Suicide, self-mutilation, appetite disorders, weight loss, alopecia, sleeping problems</b>	Depression	T-K-i	Depression (1 hour)	LO 2, LO 3, LO 6, LO 9, LO 10, LO 19
<b>Mood disorders, hallucinations, hyperactivity, Suicide, self-mutilation, weight gain, judgement impairment, anger and aggression, sleeping problems</b>	Bipolar Disorders	Ön T-A-K-i	Bipolar Disorders & Mood State Changes (1 hour)	LO 2, LO 4, LO 6, LO 7, LO 9, LO 10, LO 14, LO 19

<b>Change of consciousness, cognitive disorders/forgetfulness, mood disorders, hallucinations, immobilization, judgement impairment, sleeping problems</b>	Cognitive Disorders (Dementia)	Ön T-K-i	Cognitive Disorders, Delirium, Dementia, Forgetfulness, Judgment impairment (1 hour)	LO 2, LO 6, LO 9, LO 10, LO 19
<b>Change of consciousness, cognitive disorders/forgetfulness, hallucinations, anger and aggression</b>	Delirium	T-A-K-i	Delirium (1 hour)	LO 2, LO 4, LO 7, LO 9, LO 10, LO 19
<b>Anxiety</b>	Agoraphobia	Ön T	Phobic Disorders, Agoraphobia (1 hour)	LO 2
<b>Anxiety, palpitation, dyspnea, mood disorders, chest pain, sleeping problems</b>	Panic Disorder	Ön T	Panic Disorder (1 hour) Anxiety disorders; Agitation; Obsession; Panic Attacks (1 hour)	LO 2
<b>Anxiety</b>	Social Anxiety Disorder	Ön T	Social Anxiety Disorder (1 hour)	LO 2
<b>Headache, lower back pain, palpitation, abdominal pain, paresthesia, syncope, tremor</b>	Somatization/Conversion	Ön T	Conversion Disorder, Somatization Disorder (1 hour)	LO 2
<b>Anxiety, mood disorders, Suicide, self-mutilation</b>	Dissociative Disorder	Ön T	Dissociative Disorder (1 hour)	LO 2
<b>Anxiety</b>	Obsessive- Compulsive Disorder	Ön T	Hypochondriasis, Somatic Symptom Disorder (1 hour)	LO 2
<b>Anxiety, mood disorders, Suicide, self-mutilation, anger and aggression</b>	Personality Disorders	Ön T	Personality Disorders & Suicide, self-mutilation (1 hour)	LO 2, LO 6, LO 8, LO 20
<b>Mood disorders, judgement impairment, anger and aggression, learning disability</b>	Autism	Ön T	Pervasive Development Disorders-Autism (1 hour)	LO 2
	Communication Disorders, Social Communication Disorder; Language Disorder, Stuttering, Speech Sound Disorder	Ön T	Communication Disorders, Social Communication Disorder (1 hour)	LO 2
<b>Learning Disability</b>	Developmental Language Disorder	Ön T	Language Disorder, Stuttering, Speech Sound Disorder (1 hour)	LO 2
<b>Anxiety, change of consciousness, cognitive disorders/forgetfulness, sexual function problems, diplopia,</b>	Alcoholism and Drug Addiction	Ön T-K	Alcoholism and Drug Addiction (1 hour)	LO 2, LO 5, LO 6, LO 9, LO 14, LO 20

<b>balance and motion problems, mood disorders, hallucinations, hyperactivity, infertility, Suicide, self-mutilation, judgement impairment, anger and aggression, tremor, sleeping problems</b>				
<b>Amenorrhea, appetite disorders, weight loss</b>	Eating Disorders	Ön T	Eating Disorders; Anorexia; Weight gain; Weight Loss (1 hour)	LO 2
<b>Sexual function problems</b>	Sexual Impairment Disorders	Ön T	Sexual Impairment Disorders; Sexual Orientation Disorders (1 hour)	LO 2
<b>Anxiety</b>	Obsessive- Compulsive Disorder	Ön T	Obsessive- Compulsive Disorder, Generalized Anxiety Disorder (1 hour)	LO 2
<b>Anxiety, sleeping problems</b>	Acute & Post Traumatic Stress Disorder	Ön T-A	Acute Stress Disorder & Post Traumatic Stress Disorder (1 hour)	LO 2, LO 4, LO 7
<b>Palpitation, mood disorders, sleeping problems</b>	Generalized Anxiety Disorder	Ön T	Generalized Anxiety Disorder (1 hour)	LO 2

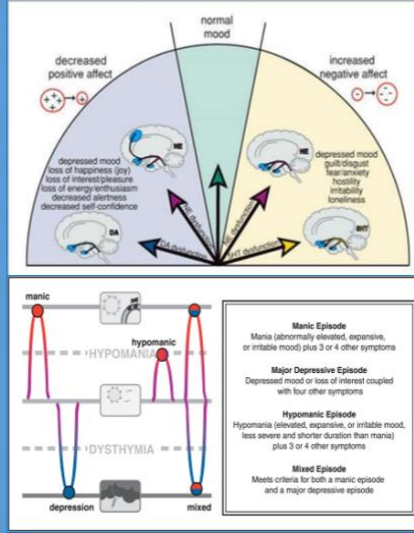
MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
<b>Group 1</b>	26.09.2022-07.10.2022
<b>Group 2</b>	19.12.2022-30.12.2022
<b>Group 3</b>	13.02.2023-24.02.2023
<b>Group 4</b>	17.04.2023 - 05.05.2023

- Sadock, B.J., Ahmad, S., Sadock, V.A. (2018). KAPLAN & SADOCK'S POCKET HANDBOOK OF CLINICAL PSYCHIATRY, Wolters Kluwer.
- Stahl, S.M. (2014) STAHL'S ESSENTIAL PSYCHOPHARMACOLOGY, 4<sup>th</sup> Edition, Cambridge

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES		
Monday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Introduction to the program; Doctor-patient relationship in Psychiatry	Asil Budaklı
Monday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	History taking in Psychiatry	Asil Budaklı
Monday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Psychiatric Interview	Asil Budaklı
Monday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Mental status examination	Asil Budaklı
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Monday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Monday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Monday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Monday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Tuesday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Tuesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>STUDY TIME</i>	
Tuesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Dissociative Disorder; Conversion Disorder	Asil Budaklı
Tuesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Somatization Disorder; Hypochondriasis, Somatic Symptom Disorder	Asil Budaklı
Tuesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Personality Disorders & Suicide, self mutilation	Asil Budaklı
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Anxiety disorders; Agitation; Obsession; Panic	Asil Budaklı
Tuesday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Panic Disorder, Phobic Disorders, Agoraphobia, Social Anxiety Disorder	Asil Budaklı
Tuesday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Tuesday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Tuesday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Alcoholism and Drug Addiction	Onat Yılmaz
Wednesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Eating Disorders; Anorexia; Weight gain; Weight	Onat Yılmaz
Wednesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Sexual Impairment Disorders; Sexual Orientation	Onat Yılmaz
Wednesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Obsessive- Compulsive Disorder, Generalised	Onat Yılmaz
Wednesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Acute Stress Disorder & Post Traumatic Stress	Onat Yılmaz
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Wednesday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Wednesday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Wednesday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Wednesday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Thursday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Friday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Schizophrenia and other Psychotic Disorders	Sibel Çakır
Friday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Schizophrenia and other Psychotic Disorders	Sibel Çakır
Friday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Depression	Sibel Çakır
Friday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Bipolar Disorders & Mood State Changes	Sibel Çakır
Friday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Cognitive Disorders, Delirium, Dementia, Forgetfulness, Judgment impairment	Sibel Çakır
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Friday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Friday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Friday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	
Friday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	<i>Clinical practice</i>	

				<b>WEEK 2</b>	
Monday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Attention Deficit Hyperactivity Disorder	Özgür Öner
Monday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Disruptive, Impulse Control and Conduct	Özgür Öner
Monday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Learning Difficulty & Tic Disorders	Özgür Öner
Monday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Mental Retardation, Intellectual disability	Özgür Öner
Monday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Pervasive Development Disorders-Autism	Özgür Öner
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Pervasive Development Disorders-Autism	Özgür Öner
Monday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Communication Disorders, Social Communication Disorder	Özgür Öner
Monday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Language Disorder, Stuttering, Speech Sound	Özgür Öner
Monday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Monday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Tuesday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Tuesday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Wednesday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Thursday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	12:00	13:00			
Thursday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Thursday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Friday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES		
Friday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES		<b>FEEDBACK MEETING</b>



**RUH SAĞLIĞI ve HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023**

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....

Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

**Mini Mental Durum Testi  
Mini-Mental State Examination (MMSE)**

Hastanın Adı Soyadı: ..... Tarih: ..../..../..

	Puan
<b>Oryantasyon (Her soru 1 puan, toplam 10 puan)</b>	
Hangi yıl içindesiniz? .....	.....
Hangi mevsimsiniz? .....	.....
Hangi zayızsınız? .....	.....
Bu gün zehir kaçı? .....	.....
Hangi gündesiniz? .....	.....
Hangi ülkede yaşıyorsunuz? .....	.....
Şu an hangi şehirde bulunmaktasınız? .....	.....
Şu an bulunduğunuz semt neresidir? .....	.....
Şu an bulunduğunuz bina neresidir? .....	.....
Şu an bu binada kaç kişi kalmıştır? .....	.....
<b>Kayıt Hafızası (Toplam puan 3)</b>	
• Size birazdan söyleyeceğim üç tane cümlecekle ilgili beş birimden sonra tekrarlayın (Masa, Bayrak, Elibaşı) (20 sn. süre tanımı, her doğru söz 1 puan). .....	.....
<b>Dikkat ve Hesap Yapma (Toplam puan 5)</b>	
• 100'den geride doğru 7 çıkartarak gördün. Dur deyinceye kadar devam etdin. (Her doğru işlem 1 puan: 100, 93, 86, 79, 72, 65) .....	.....
<b>Habırta (Toplam puan 3)</b>	
• Yakında tekrar ettiğini kestirmek için söyleyin (Masa, Bayrak, Elibaşı) (Her kelime 1 puan) .....	.....
<b>Lisan (Toplam puan 9)</b>	
a. Bu gündüğünüz nesnelere isimleri nedir? (Gözet, kağıt) 1'er puan toplam 2 puan (20 saniye süre ver) .....	.....
b. Şimdi size söyleyeceğim cümleleri dikkatle dinleyin ve ben bitirdikten sonra tekrar edin. "Eğir ve fakat bembeyazım" (10 saniye süre ver) 1 puan .....	.....
c. Şimdi sizden bir şey yapmanızı isteyeceğim, beni dikkatle dinleyin ve söylediklerimi yapın. "Masada duran kabuğu elinize alın, üç elinizle sıkarak ve yemi bırakın istiyim" Toplam puan: 3, süre: 30 sn. her bir doğru işlem 1 puan .....	.....
d. Şimdi size bir cümle vereceğim. Okuyan ve yazıda söyleşim yapıyor. (1 puan) Bir kâğıdı "GÖZLEMEYİ KAPATIR" yazıp bastırma gösterelim. .....	.....
e. Şimdi verdiğimiz kâğıda altına yazarak gelen anlama bir cümle yazın (1 puan) .....	.....
f. Size söyleyeceğim şekli çizimini çizti; zılgıldak şekli arka sayfaya (1 puan) .....	.....

Toplam Puan (0-30): .....

KAYNAK: KAPLAN B. SADOCK CLINICAL PSYCHIATRY  
STAHL'S ESSENTIAL PSYCHOPHARMACOLOGY

Değerlendirme : Teorik Sınav: % 40 , Sözlü Sınav: % 50 , Performans Notu: % 10

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyadı ve İMZA
Psikiyatrik öykü alabilme	3	
Mental durumu değerlendirebilme	3	
Minimenter durum muayenesi	3	
Bilinç değerlendirme	4	
Ruhsal durum muayenesi	3	
Acil psikiyatrik hastanın stabilizasyonunu yapabilme	3	
Hukuki ehliyeti belirleyebilme	2	
İntihara müdahale	2	
Reçete düzenleyebilme	4	
Literatür/olgu sunumu-tartışma		
<b>PERFORMANS NOTU</b>		



## PULMONARY MEDICINE CLERKSHIP PROGRAM

PULMONARY MEDICINE		
Merih Kalamanoğlu Balcı	Prof. M.D.	Head of Department
Şevket Özkaya	Prof. M.D.	
Nazlı Zeynep Uslu	Assist. Prof. M.D.	
Feride Yaman	Assist. Prof. M.D.	

**AIM:** The purpose of the Pulmonary Medicine clerkship is to equip students with the necessary knowledge, skills, and attitude to make diagnosis and treatment of respiratory system diseases at primary level, initiate medical treatment in emergency cases, and refer patients to specialized medical departments.

### LEARNING OBJECTIVES:

*At the end of this clerkship, the student should be able to:*

### KNOWLEDGE:

- LO 1.** Get knowledge about the pathophysiology of lung diseases.
- LO 2.** Demonstrate knowledge necessary for the recognition of pulmonary diseases most frequently encountered by primary care practitioner doctors, according to the learning levels mentioned in the National Core Education Program.
- LO 3.** Analyze symptoms and examination findings related to respiratory system.
- LO 4.** Recognize and evaluate pulmonary emergencies, make initial treatment and refer the patient appropriately to a specialized medical department.
- LO 5.** Explain the pathophysiology of major diseases and abnormal conditions that affect the lung.
- LO 6.** Get knowledge about tests for lung diseases.
- LO 7.** Get knowledge about smoking cessation.
- LO 8.** Evaluate risk factors for pulmonary diseases on an individual basis and provide consultancy.
- LO 9.** Demonstrate knowledge necessary for long-term follow up of patients having pulmonary diseases in primary care.

### SKILLS:

- LO 10.** Take history from patients with respiratory system complaints.
- LO 11.** Perform physical examination with emphasis on the respiratory system.
- LO 12.** Read chest radiography.
- LO 13.** Interpret pulmonary function tests and arterial blood gas results.



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**LO 14.** Know how to perform PPD test and interpret the results.

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**LO 15.** Know how to use a peak-flow meter.

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**ATTITUDES:**

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**LO 16.** Communicate effectively and empathetically with patients and their families.

---

**LO 17.** Establish and maintain effective working relationships with colleagues and health care professionals.

---

**LO 18.** Display sufficient social skills when forming a patient-doctor relationship.


---

**LO 19.** Evaluate the patient as a whole, not only his/her complaint.

---

**LO 20.** Utilize the library and its resources to research clinical questions that arise during patient care and management.

---



CODES*	LEARNING LEVELS
A	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
Ön T	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
T	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
TT	Should be able to diagnose and treat
i	Should be able to perform long-term follow up and control in primary care
K	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

*\*Codes are designed according to the National Core Education Program*

*“scientia et amore vitae”*

Clinical Symptom/Sign/Condition	Diseases / Clinical Problems	Learning Level	Topic (1 hour=40 minutes)	Learning Objective
		<b>BAU-BASIC</b>	Introduction to the program; Pathophysiology of Lung Disease (1 hour)	LO 1
<b>Dyspnea; Hemoptysis; Coughing; Apnea; Nail clubbing</b>			Symptoms of Lung Disease (Dyspnea; Hemoptysis; Coughing; Apnea; Nail clubbing) (1 hour)	LO 3
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		History taking and General Examination of Respiratory System (1 hour)	LO 10, LO 11, LO 16, LO 18, LO 19
			Tests for Lung Diseases (1 hour)	LO 6, LO 14, LO 13, LO 12
			Lung Diseases :Radiology (1 hour)	LO 6, LO 12, LO 17
<b>Fever, chest pain, coughing/expectoration, flank pain</b>	Pneumonia	TT-K	Pneumonia (2 hour), COVID-19 Lecture (1 hour)	LO 1, LO 2, LO 3, LO 6, LO 7, LO 8, LO 12, LO 13, LO 20
<b>Clubbing, coughing/expectoration, smoking</b>	Interstitial Lung Disease	Ön T-K	Interstitial Lung Disease (ILD) (2 hour)	LO 1, LO 2, LO 7, LO 8, LO 20
<b>Fever, Weakness, fatigue, hemoptysis, weight loss, coughing/expectoration, sweat disorders</b>	Pulmonary tuberculosis	TT-K-İ	Tuberculosis (2 hour)	LO 1, LO 2, LO 3, LO 6, LO 7, LO 8, LO 9, LO 12, LO 20, LO 17, LO 14
<b>Lymphadenopathy, chest pain, dyspnea</b>	Sarcoidosis	Ön T	Sarcoidosis (1 hour)	LO 1, LO 2
<b>Dyspnea, chest pain, hemoptysis</b>	Pulmonary Embolism	A-K-İ	Pulmonary Embolism (2 hour)	LO 4, LO 8, LO 9
<b>coughing/expectoration</b>	Occupational Lung Diseases	Ön T-K-İ	Occupational Lung Diseases (1 hour)	LO 1, LO 2, LO 7, LO 8, LO 9
<b>Anxiety, hoarseness, sleeping problems</b>	Obstructive Sleep Apnea Syndrome	Ön T	Obstructive Sleep Apnea Syndrome (1 hour)	LO 1, LO 2
	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>		Smoking Cessation (1 hour)	
<b>Dyspnea</b>	Pulmonary Hypertension	Ön T	Pulmonary Hypertension, Cor Pulmonale (1 hour)	LO 1, LO 2
		<b>BAU-Ön T</b>	Systemic Diseases and the Lung (1 hour)	
<b>Dyspnea, cyanosis, foreign body aspiration</b>	Respiratory Failure	A	Respiratory Failure (1 hour), Acute Respiratory Distress Syndrome (1 hour)	LO 4, LO 13

<b>Dyspnea, wheezing, coughing/expectoration</b>	Pulmonary Edema	A	Pulmonary Emergencies (1 hour)	LO 4, LO 13
	<b>LIST OF BASIC MEDICAL PRACTICES</b>		Arterial Blood Gases Evaluation (1 hour)	LO 13
	Drug side effects	T-A-K-İ	Hypersensitivity Pneumonitis and drug induced lung (1 hour)	LO 1, LO 2, LO 3, LO 4, LO 6, LO 8, LO 9, LO 19
<b>Dyspnea, wheezing</b>	Asthma Bronchial	TT-K-A-İ	Asthma Bronchial (2 hour)	LO 1, LO 2, LO 3, LO 4, LO 6, LO 7, LO 8, LO 9, LO 13, LO 20
<b>Weakness, fatigue, wheezing, coughing/expectoration, cyanosis, smoking</b>	Chronic Obstructive Pulmonary Disease	TT-A-K-İ	Chronic Obstructive Pulmonary Disease (2 hour)	LO 1, LO 2, LO 3, LO 4, LO 6, LO 7, LO 8, LO 9, LO 12, LO 13, LO 20
<b>Hemoptysis, coughing/expectoration</b>	Bronchiectasis	Ön T-K-İ	Bronchiectasis (1 hour)	LO 1, LO 2, LO 7, LO 8, LO 9
<b>Clubbing, dyspnea, chest pain, hemoptysis, coughing/expectoration, hoarseness, smoking, lymphadenopathy</b>	Lung Cancers	Ön T-K	Lung Cancer (2 hour)	LO 1, LO 2, LO 7, LO 8
<b>Chest pain</b>	Pleural Diseases	Ön T	Pleural Disease (Pleural Effusion; Empyema) (1 hour)	LO 1, LO 2

MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
<b>Group 1</b>	19.09.2022 - 30.09.2022
<b>Group 2</b>	12.12.2022-23.12.2022
<b>Group 3</b>	23.01.2023-03.02.2023
<b>Group 4</b>	27.03.2023 - 07.04.2023

*"scientia et amore vitae"*

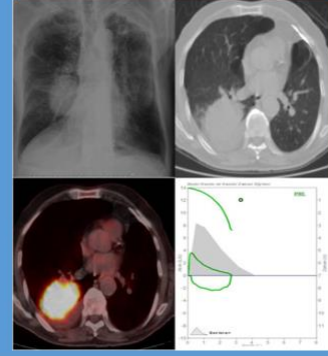
Palenge, P., Rohde, G. (2019) ERS HANDBOOK OF RESPIRATORY MEDICINE, European Respiratory Society  
<http://books.ersjournals.com/content/9781849840798/9781849840798>

DAY	HOURS		COURSE	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	8:00	8:40	PULM. DIS.	Introduction to the program; Pathophysiology of Lung Disease	MERİH BALCI
Monday	8:50	9:30	PULM. DIS.	Symptoms of Lung Disease (Dyspnea; Hemoptysis; Coughing; Apnea; Nail clubbing)	N.ZEYNEP USLU
Monday	9:40	10:20	PULM. DIS.	History taking and General Examination of Respiratory System	FERİDE YAMAN
Monday	10:30	11:10	PULM. DIS.	Tests for Lung Diseases	FERİDE YAMAN
Monday	11:20	12:00	PULM. DIS.	Lung Diseases: Radiology	MERİH BALCI
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	13:50	14:30	PULM. DIS.	<i>Clinical practice</i>	
Monday	14:40	15:20	PULM. DIS.	<i>Clinical practice</i>	
Monday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	
Monday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	
Tuesday	8:00	8:40	PULM. DIS.	Respiratory Failure	ŞEVKET ÖZKAYA
Tuesday	8:50	9:30	PULM. DIS.	Acute Respiratory Distress Syndrome	ŞEVKET ÖZKAYA
Tuesday	9:40	10:20	PULM. DIS.	Pulmonary Emergencies	ŞEVKET ÖZKAYA
Tuesday	10:30	11:10	PULM. DIS.	Arterial Blood Gases Evaluation	ŞEVKET ÖZKAYA
Tuesday	11:20	12:00	PULM. DIS.	Hypersensitivity Pneumonitis and drug induced lung	ŞEVKET ÖZKAYA
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PULM. DIS.	Interstitial Lung Disease(ILD) introduction	ŞEVKET ÖZKAYA
Tuesday	13:50	14:30	PULM. DIS.	Interstitial Lung Disease(ILD) introduction	ŞEVKET ÖZKAYA
Tuesday	14:40	15:20	PULM. DIS.	Systemic Diseases and the Lung	ŞEVKET ÖZKAYA
Tuesday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	
Wednesday	8:00	8:40	PULM. DIS.	Pneumonia	FERİDE YAMAN
Wednesday	8:50	9:30	PULM. DIS.	Pneumonia	FERİDE YAMAN
Wednesday	9:40	10:20	PULM. DIS.	<i>Clinical practice COVID-19 Lecture</i>	FERİDE YAMAN
Wednesday	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesday	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PULM. DIS.	Tuberculosis	N.ZEYNEP USLU
Wednesday	13:50	14:30	PULM. DIS.	Tuberculosis	N.ZEYNEP USLU
Wednesday	14:40	15:20	PULM. DIS.	Sarcoidosis	N.ZEYNEP USLU
Wednesday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	
Thursday	8:00	8:40	PULM. DIS.	Asthma Bronchiale	MERİH BALCI
Thursday	8:50	9:30	PULM. DIS.	Asthma Bronchiale	MERİH BALCI
Thursday	9:40	10:20	PULM. DIS.	Chronic Obstructive Pulmonary Disease	MERİH BALCI
Thursday	10:30	11:10	PULM. DIS.	Chronic Obstructive Pulmonary Disease	MERİH BALCI
Thursday	11:20	12:00	PULM. DIS.	Bronchiectasis	MERİH BALCI
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	13:50	14:30	PULM. DIS.	<i>Clinical practice</i>	
Thursday	14:40	15:20	PULM. DIS.	<i>Clinical practice</i>	
Thursday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	
Thursday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	
Friday	8:00	8:40	PULM. DIS.	Pulmonary Embolism	N.ZEYNEP USLU
Friday	8:50	9:30	PULM. DIS.	Pulmonary Embolism	N.ZEYNEP USLU
Friday	9:40	10:20	PULM. DIS.	Pulmonary Hypertension, Cor Pulmonale	N.ZEYNEP USLU
Friday	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Friday	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Friday	13:50	14:30	PULM. DIS.	<i>Clinical practice</i>	
Friday	14:40	15:20	PULM. DIS.	<i>Clinical practice</i>	
Friday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	
Friday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	

WEEK 2					
Monday	8:00	8:40	PULM. DIS.	Lung Cancer	MERİH BALCI
Monday	8:50	9:30	PULM. DIS.	Lung Cancer	MERİH BALCI
Monday	9:40	10:20	PULM. DIS.	Pleural Disease (Pleural Effusion; Empyema)	MERİH BALCI
Monday	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	13:50	14:30	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	14:40	15:20	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Monday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	8:00	8:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	8:50	9:30	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	9:40	10:20	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PULM. DIS.	Occupational Lung Diseases	FERİDE YAMAN
Tuesday	13:50	14:30	PULM. DIS.	Obstructive Sleep Apnea Syndrome	FERİDE YAMAN
Tuesday	14:40	15:20	PULM. DIS.	Smoking Cessation	FERİDE YAMAN
Tuesday	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Tuesday	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	8:00	8:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	8:50	9:30	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	9:40	10:20	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	12:00	13:00		<b>LUNCH</b>	
Wednesda	13:00	13:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	13:50	14:30	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	14:40	15:20	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	15:30	16:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Wednesda	16:20	17:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	8:00	8:40	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	8:50	9:30	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	9:40	10:20	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	10:30	11:10	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	11:20	12:00	PULM. DIS.	<i>Clinical practice</i>	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PULM. DIS.	STUDY TIME	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	13:50	14:30	PULM. DIS.	STUDY TIME	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	14:40	15:20	PULM. DIS.	STUDY TIME	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	15:30	16:10	PULM. DIS.	STUDY TIME	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Thursday	16:20	17:00	PULM. DIS.	STUDY TIME	MERİH BALCI / N.ZEYNEP USLU / FERİDE YAMAN
Friday	8:00	8:40	PULM. DIS.	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	PULM. DIS.		
Friday	9:40	10:20	PULM. DIS.		
Friday	10:30	11:10	PULM. DIS.		
Friday	11:20	12:00	PULM. DIS.		
Friday	12:00	13:00	PULM. DIS.	<b>LUNCH</b>	
Friday	13:00	13:40	PULM. DIS.	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	PULM. DIS.		
Friday	14:40	15:20	PULM. DIS.		
Friday	15:30	16:10	PULM. DIS.		
Friday	16:20	17:00	PULM. DIS.		<b>FEEDBACK MEETING</b>



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
GÖĞÜS HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2022-2023

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : ..... / ..... / .....

Mesleki Uygulama Bitiş Tarihi : ..... / ..... / .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

Palenge, P., Rohde, G. (2019) ERS HANDBOOK OF RESPIRATORY MEDICINE, European Respiratory Society  
<http://books.ersjournals.com/content/9781849840798/9781849840798>

**Değerlendirme :**

Teorik Sınav: % 40

Sözlü Sınav: % 50

Performans Notu: % 10

**Devam Zorunluluğu :**

Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırını aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bütünlüme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 16.5)

5. SINIF ÖĞRENCİSİNİN GÖĞÜS HASTALIKLARI MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
Solumun sistemi muayenesi	3	
Hasta Dosyası hazırlayabilme	4	
Reçete düzenleyebilme	4	
Göğüs Hastalıklarında Tanı Yöntem Bilgisi	3	
Solumun fonksiyon testlerini değerlendirebilme	3	
Temel girişimsel işlemler (kan gazı, torasentez, ...)	3	
Direkt radyografileri okuma ve değerlendirebilme	3	
<b>PERFORMANS NOTU</b>		

## RADIOLOGY-RADIATION ONCOLOGY CLERKSHIP PROGRAM

RADIOLOGY		
Mustafa Kemal Demir	Prof. M.D.	Head of Department
Cemile Ayşe Görmeli	Assoc. Prof. M.D.	

RADIATION ONCOLOGY		
Berrin Pehlivan	Prof. M.D.	Head of Department

**AIM:** The purpose of the clerkship is to provide an understanding of the principles of radiology and radiation oncology, a familiarity with the many diagnostic techniques available, their values and limitations, and how they may best be used in the management of the patient.

### LEARNING OBJECTIVES:

*At the end of this clerkship, the student should be able to:*

### KNOWLEDGE:

<b>LO 1.</b>	Identify normal anatomy on routine diagnostic imaging.
<b>LO 2.</b>	Categorize different tissues from most to least opaque on X-ray including: bone, soft tissue, air, metal, and fat.
<b>LO 3.</b>	Recognize basic anatomy and pathology as seen on imaging studies.
<b>LO 4.</b>	Have a basic understanding of special imaging studies, such as CT, MRI, Ultrasound, Fluoroscopy, etc.
<b>LO 5.</b>	List risks associated with radiation exposure.
<b>LO 6.</b>	Recognize and consider radiation doses in patient care management.
<b>LO 7.</b>	Define the role of radiotherapy in management of multimodal cancer care.
<b>LO 8.</b>	Describe the acute and chronic side effects of radiotherapy.

### SKILLS:

<b>LO 10.</b>	Develop an approach for evaluation of plain radiography.
<b>LO 11.</b>	Be able to interpret major findings on Chest X-ray.

### ATTITUDES:

<b>LO 16.</b>	Communicate effectively and empathetically with patients and their families.
<b>LO 17.</b>	Establish and maintain effective working relationships with colleagues and health care professionals.
<b>LO 18.</b>	Display sufficient social skills when forming a patient-doctor relationship.

---

**LO 19.** Evaluate the patient as a whole, not only his/her complaint.

---

**LO 20.** Utilize the library and its resources to research clinical questions that arise during patient care and management.

---

CODES*	LEARNING LEVELS
A	Should be able to define emergent situation, perform emergent treatment, refer to a specialist when necessary
Ön T	Should be able to make a preliminary diagnosis , make the necessary preliminary procedures, and direct the patient to the specialist
T	Should be able to make a diagnosis and have knowledge about the treatment, make the necessary preliminary procedures, and direct the patient to the specialist
TT	Should be able to diagnose and treat
İ	Should be able to perform long-term follow up and control in primary care
K	Should be able to apply preventive care (appropriate one/ones for primary, secondary, and tertiary preventions)

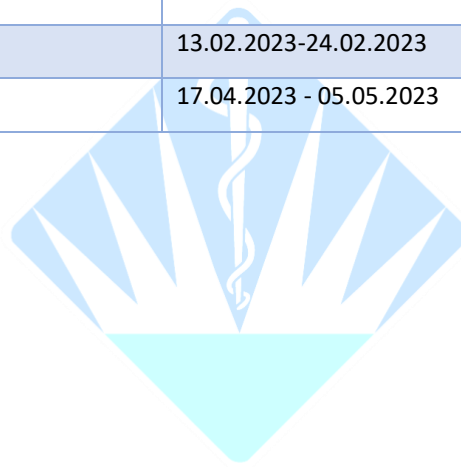
*\*Codes are designed according to the National Core Education Program*

Topic (1 hour=40 minutes)
Introduction to Radiology, Radiological Techniques
Thoracic Radiology-Chest, CVS (Technique, Anatomy, Interpretation)
Thoracic Radiology (Pathology )
Musculoskeletal Radiology (Technique, Anatomy, Interpretation)
Breast Radiology
Invasive Neuroimaging
Abdominal Radiology (Gastrointestinal Radiology)
Abdominal Radiology (Genitourinary Radiology)
Essentials of Radiotherapy
Role of radiotherapy in management of multimodal cancer care
Acute and Chronic Side Effects of Radiotherapy
Radiation Accidents



MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Theoretical examination	90 %
TOTAL	100 %

GROUPS	DATES
Group 1	26.09.2022-07.10.2022
Group 2	19.12.2022-30.12.2022
Group 3	13.02.2023-24.02.2023
Group 4	17.04.2023 - 05.05.2023



**BAU TIP**  
BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
*“scientia et amore vitae”*

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Introduction to Radiology, Radiological	M. KEMAL DEMİR
Monday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Thoracic Radiology-Chest,CVS (Technique, Anatomy, Interpretation)	M.KEMAL DEMİR
Monday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Thoracic Radiology (Pathology )	M. KEMAL DEMİR
Monday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Tuesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Musculoskeletal Radiology (Technique, Anatomy, Interpretation)	CEMİLE AYŞE GÖRMELİ
Tuesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Breast Radiology	CEMİLE AYŞE GÖRMELİ
Tuesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Invasive Neuroimaging	CEMİLE AYŞE GÖRMELİ
Tuesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Tuesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Tuesday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Tuesday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Tuesday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Tuesday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Abdominal Radiology (Gastrointestinal Radiology)	M.KEMAL DEMİR
Wednesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Abdominal Radiology (Genitourinary Radiology)	M. KEMAL DEMİR
Wednesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Neuroradiology	M.KEMAL DEMİR
Wednesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Wednesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Wednesday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Wednesday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Wednesday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Wednesday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Thursday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Essentials of Radiotherapy	BERRİN PEHLİVAN
Thursday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Role of radiotherapy in management of	BERRİN PEHLİVAN
Thursday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Acute and Chronic Side Effects of Radiotherapy	BERRİN PEHLİVAN
Thursday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Radiation Accidents	BERRİN PEHLİVAN
Thursday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	MP GÖZTEPE
Thursday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Thursday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Thursday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Thursday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	MP GÖZTEPE
Friday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	MP GÖZTEPE
Friday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Friday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	

WEEK 2					
Monday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Monday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Monday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Monday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Tuesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Tuesday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Tuesday	16:20	17:00	PSYCHIATRY & BEHAVIORAL	Clinical practice	
Wednesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Wednesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	MP GÖZTEPE
Wednesday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Wednesday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Thursday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	12:00	13:00			
Thursday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Thursday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Friday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY		
Friday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	EXAMINATIONS	
Friday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY		
Friday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY		
Friday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY		
Friday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	EXAMINATIONS	
Friday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY		
Friday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY		
Friday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	FEEDBACK MEETING	



BAU TIP  
RADYOLOJİ ANABİLİMDALİ  
PRATİK UYGULAMA FORMU

Oğrenme Düzeyi	Temel Hekimlik Uygulamaları Oğrenme Düzeyi
1	Uygulamanın nasıl yapıldığını bilir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kılavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

UYGULAMA RADYOLOJİ	DÜZEY
DİREKT RADYOGRAFİLERİ DEĞERLENDİREBİLME	3
TARAMA VE TANISAL AMAÇLI İNCELEME SONUÇLARINI YORUMLAYABİLME	3

	İMZA/KAŞE/TARİH
ULTRASONOGRAFİ 1	
ULTRASONOGRAFİ 2	
MRI	
BT	
DİREKT RÖNTGEN	
GİRİŞİMSEL RADYOLOJİ	
RADYASYON ONKOLOJİSİ	
PERFORMANS NOTU	

Öğrenci Adı-Soyadı : .....

Öğrenci Numarası : .....

Mesleki Uygulama Başlangıç Tarihi : ...../...../.....

Mesleki Uygulama Bitiş Tarihi : ...../...../.....