



**BAU TIP**

BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE

*"scientia et amore vitae"*



**BAHÇEŞEHİR UNIVERSITY**

**SCHOOL OF MEDICINE**

**CLASS 5**

**ACADEMIC PROGRAMME**

**2023-2024**

**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, Assoc. 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>	Akın Akakın. Prof.
<b>Clerkship Administrator- Ophthalmology</b>	Alper Halil Bayat, Assit. Prof.
<b>Clerkship Administrator- Orthopedic Surgery</b>	Rüştü Nuran, Assit. Prof.
<b>Clerkship Administrator-Otorhinolaryngology</b>	Anıl Hişmi, Assit. Prof.
<b>Clerkship Administrator- Physical Therapy and Rehabilitation</b>	Zeynep İyigün, Assoc. 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>	Ali Özgen, Assoc. 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>

  
 BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
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**BAHCESEHIR UNIVERSITY SCHOOL OF MEDICINE  
2023 -2024 ACADEMIC CALENDAR FOR THE FIFTH-YEAR**

	August 28, 2023, Monday, Clerkships begin						August 28, 2023, Monday, Orientation Seminar							
<b>GROUP A</b>	NEUROLOGY (28.08.2023 - 08.09.2023)	NEUROSURGERY (11.09.2023 - 22.09.2023)	PSYCHIATRY (25.09.2023 - 06.10.2023)	FORENSIC MEDICINE (09.10.2023 - 20.10.2023)	ELECTIVES (23.10.2023 - 17.11.2023)	OTOLARYNGOLOGY (20.11.2023 - 01.12.2023)	OPHTHALMOLOGY (04.12.2023 - 15.12.2023)	RADIOLOGY RAD. ONCOLOGY (18.12.2023 - 29.12.2023)	CARDIOLOGY (02.01.2024 - 19.01.2024)		PULMONARY MEDICINE (22.01.2024 - 03.02.2024)	THORACIC & CARDIOVASCULAR SURGERY (05.02.2024 - 23.02.2024)	SEMESTER BREAK (26.02.2024 - 01.03.2024)	
<b>GROUP B</b>	OTOLARYNGOLOGY (28.08.2023 - 08.09.2023)	OPHTHALMOLOGY (11.09.2023 - 22.09.2023)	RADIOLOGY RAD. ONCOLOGY (25.09.2023 - 06.10.2023)			NEUROLOGY (20.11.2023 - 01.12.2023)	NEUROSURGERY (04.12.2023 - 15.12.2023)	PSYCHIATRY (18.12.2023 - 29.12.2023)	DERMATOLOGY (02.01.2024 - 12.01.2024)	PLASTIC & RECONS SURGERY (15.01.2024 - 26.01.2024)	ORTHOPEDIC SURGERY (29.01.2024 - 09.02.2024)	PHYSICAL THERAPY & REHAB. (12.02.2024 - 23.02.2024)		
<b>GROUP C</b>	CARDIOLOGY (28.08.2023 - 15.09.2023)		PULMONARY MEDICINE (18.09.2023 - 29.09.2023)			THORACIC & CARDIOVASCULAR SURGERY (02.10.2023 - 20.10.2023)	DERMATOLOGY (20.11.2023 - 01.12.2023)	PLASTIC & RECONS SURGERY (04.12.2023 - 15.12.2023)	ORTHOPEDIC SURGERY (18.12.2023 - 29.12.2023)	PHYSICAL THERAPY & REHAB. (02.01.2024 - 12.01.2024)	NEUROLOGY (15.01.2024 - 26.01.2024)	NEUROSURGERY (29.01.2024 - 09.02.2024)		PSYCHIATRY (12.02.2024 - 23.02.2024)
<b>GROUP D</b>	DERMATOLOGY (28.08.2023 - 08.09.2023)	PLASTIC & RECONS SURGERY (11.09.2023 - 22.09.2023)	ORTHOPEDIC SURGERY (25.09.2023 - 06.10.2023)			PHYSICAL THERAPY & REHAB. (09.10.2023 - 20.10.2023)	CARDIOLOGY (20.11.2023 - 08.12.2023)		PULMONARY MEDICINE (11.12.2023 - 22.12.2023)	THORACIC & CARDIOVASCULAR SURGERY (22.12.2024 - 12.01.2024)	OTOLARYNGOLOGY (15.01.2024 - 26.01.2024)	OPHTHALMOLOGY (29.01.2024 - 09.02.2024)		RADIOLOGY RAD. ONCOLOGY (12.02.2024 - 23.02.2024)

<b>GROUP A</b>	DERMATOLOGY (04.03.2024 - 15.03.2024)	PLASTIC & RECONS SURGERY (18.03.2024 - 29.03.2024)	ORTHOPEDIC SURGERY (01.04.2024 - 19.04.2024)	PHYSICAL THERAPY & REHAB. (22.04.2024 - 06.05.2024)	ELECTIVES (07.05.2024 - 31.05.2024)
<b>GROUP B</b>	CARDIOLOGY (04.03.2024 - 22.03.2024)		PULMONARY MEDICINE (25.03.2024 - 05.04.2024)	THORACIC & CARDIOVASCULAR SURGERY (15.04.2024 - 06.05.2024)	
<b>GROUP C</b>	FORENSIC MEDICINE (04.03.2024 - 15.03.2024)	OTOLARYNGOLOGY (18.03.2024 - 29.03.2024)	OPHTHALMOLOGY (01.04.2024 - 19.04.2024)	RADIOLOGY RAD. ONCOLOGY (22.04.2024 - 06.05.2024)	
<b>GROUP D</b>		NEUROLOGY (18.03.2024 - 29.03.2024)	NEUROSURGERY (01.04.2024 - 19.04.2024)	PSYCHIATRY (22.04.2024 - 06.05.2024)	

August 30, 2023, Wednesday	30th of August Victory Day of Turkey (National holiday)
January 01, 2024, Monday	New Year Holiday
April 09 -12, 2024	Ramadan Feast Holiday
April 23, 2024, Tuesday	National Sovereignty and Children's Day
May 01, 2024, Wednesday	Labor and Solidarity Day
June 15-19, 2024	Kurban Bayramı Holiday
May 27 -31, 2024	Resit Exams for all Clerkships

## 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.	
Sebahattin Gündüz	Prof. M. D.	
Muhammed Keskin	Assoc. Prof. M. D.	
Ahmet Ekmekçi	Assoc. Prof. M. D.	
Adnan Kaya	Assoc. Prof. M. D.	
Arif Oğuzhan Çimen	Assoc. Prof. M. D.	
İsmail Ateş	Assist. 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:**

<b>LO 11.</b>	Take a detailed relevant history of a cardiac patient.
<b>LO 12.</b>	Perform a detailed physical examination of a cardiac patient.
<b>LO 13.</b>	Develop skills to record and interpret an ECG.
<b>LO 14.</b>	Prepare concise discharge and transfer summaries with all relevant information.

**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 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



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

# BAU TIP

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

GROUPS	DATES
Group 1	28.08.2023 - 15.09.2023
Group 2	20.11.2023 - 08.12.2023
Group 3	02.01.2024 - 19.01.2024
Group 4	04.03.2024 - 22.03.2024

- 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	9:00 -11:00		ORIENTATION SEMINAR	Introduction to Class 5 National Core Education Program	SEBAHAT DİLEK TORUN
Monday				Rules to obey in clinical settings	DEMET KOÇ
Monday				Program Evaluation	MELİKE YAVUZ
Monday					
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	CARDIOLOGY	Introduction to the program	BAHADIR DAĞDEVİREN
Tuesday	8:50	9:30	CARDIOLOGY	Anatomy of the cardiovascular system	BAHADIR DAĞDEVİREN
Tuesday	9:40	10:20	CARDIOLOGY	Physiopathology of the cardiovascular system	BAHADIR DAĞDEVİREN
Tuesday	10:30	11:10	CARDIOLOGY	History Taking and Physical Examination	BAHADIR DAĞDEVİREN
Tuesday	11:20	12:00	CARDIOLOGY	History Taking and Physical Examination	BAHADIR DAĞDEVİREN
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOLOGY	Clinical Practice	
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	<b>National Holiday-Victory Day</b>	
Wednesday	8:50	9:30	CARDIOLOGY		
Wednesday	9:40	10:20	CARDIOLOGY		
Wednesday	10:30	11:10	CARDIOLOGY		
Wednesday	11:20	12:00	CARDIOLOGY		
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	13:50	14:30	CARDIOLOGY		
Wednesday	14:40	15:20	CARDIOLOGY		
Wednesday	15:30	16:10	CARDIOLOGY		
Wednesday	16:20	17:00	CARDIOLOGY		
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>	
				<b>WEEK 2</b>	
Monday	8:00	8:40	CARDIOLOGY	Chronic Coronary Artery Disease (Stable Angina Diagnosis & Prognosis)	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 peripheral artery disease)	MUHAMMED KESKİN
Monday	10:30	11:10	CARDIOLOGY	Acute Coronary Syndromes	MUHAMMED KESKİN
Monday	11:20	12:00	CARDIOLOGY	Acute Coronary Syndromes	MUHAMMED KESKİN
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
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	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		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
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	Introduction to heart failure	SABAHATTIN GÜNDÜZ
Wednesday	8:50	9:30	CARDIOLOGY	Left heart failure	SABAHATTIN GÜNDÜZ
Wednesday	9:40	10:20	CARDIOLOGY	Right heart failure	SABAHATTIN GÜNDÜZ
Wednesday	10:30	11:10	CARDIOLOGY	Heart murmurs	SABAHATTIN GÜNDÜZ
Wednesday	11:20	12:00	CARDIOLOGY	Differential diagnosis of dyspnea	SABAHATTIN GÜNDÜZ
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	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, Prognosis	GÜRKAN KARACA
Thursday	10:30	11:10	CARDIOLOGY	Cardiogenic Pulmonary Edema: Background, Etiology, Prognosis	GÜRKAN KARACA
Thursday	11:20	12:00	CARDIOLOGY	Pulmonary Embolism	GÜRKAN KARACA
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	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		<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>	
				<b>WEEK 3</b>	
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>	
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	AHMET EKMEKÇİ
Tuesday	8:50	9:30	CARDIOLOGY	Adult congenital heart disease	AHMET EKMEKÇİ
Tuesday	9:40	10:20	CARDIOLOGY	Pulmonary hypertension	AHMET EKMEKÇİ
Tuesday	10:30	11:10	CARDIOLOGY	Cardiomyopathies	AHMET EKMEKÇİ
Tuesday	11:20	12:00	CARDIOLOGY	STUDY TIME	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOLOGY	<i>Clinical Practice</i>	
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>	
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>	
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>	



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KARDİYOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 klavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirilmeyi / 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 %50'ine devam zorunluluğu vardır. Kazanılı veya kazanılmı devamsızlık sınavını geçen öğrenci mesleki uygulama sonu sınavına alınmaz ve HA notu verilir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve söz konusu mesleki uygulamaları öğrenmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

5. SINIF ÖĞRENCİSİNİN KARDİYOLOJİ MESLEKİ UYGULAMASINDA  
GÖZLEMESİ/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 çekilme ve değerlendirilme	3	
Periyodik muayene, kontrol (Kardiyak risk hesapları)	3	
Perikardiyosentez (Gözetim)	1	
Defibrilasyon uygulayabilme	3	

PERFORMANS NOTU

## CARDIOVASCULAR AND THORACIC SURGERY CLERKSHIP PROGRAM

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

THORACIC SURGERY		
Cemal Asım Kutlu	Prof. M. D.	Head of Department
Pınar Tezer	Assist. 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:

- LO 1.** Demonstrate general knowledge of the anatomy, physiology, and pathophysiology of the cardiovascular and respiratory system.
- LO 2.** 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.
- LO 3.** Gain experience in the initial management and stabilization of patients with acute cardiothoracic emergencies and make patient referrals to appropriate specialized medical departments.
- LO 4.** Create an appropriate differential diagnosis.
- LO 5.** Discuss the general concept and role of imaging techniques in cardiothoracic surgery diseases.
- LO 6.** List the indications for and potential complications of pericardiocentesis.
- LO 7.** Evaluate risk factors for cardiovascular and thoracic surgery diseases on an individual basis and provide consultancy.
- LO 8.** 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>	Peripheral Arterial Disease	Ön T-A	Peripheral 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

*"scientia et amore vitae"*

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

GROUPS	DATES
Group 1	02.10.2023 - 20.10.2023
Group 2	22.12.2024 - 12.01.2024
Group 3	05.02.2024 - 23.02.2024
Group 4	15.04.2024 - 06.05.2024

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

**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	CARDIOVASCULAR-THORACIC SURGERY	Introduction to Cardiovascular Surgery	MUSTAFA GÜLER
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Anatomy of heart and great vessels	UFUK ÇİLOĞLU
Monday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Aortic Aneurysm and Aortic Dissection	UFUK ÇİLOĞLU
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Surgical Treatment of Coronary Artery Disease	UFUK ÇİLOĞLU
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Trauma (Cardiovascular Emergencies)	UFUK ÇİLOĞLU
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Introduction and Short History of Thoracic	CEMAL ASIM KUTLU
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Thoracic Emergencies and Trauma	PINAR TEZER
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Tracheobronchial and esophageal Foreign	PINAR TEZER
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Pleural Diseases	PINAR TEZER
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Mediastinal disease and tumors	PINAR TEZER
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	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 SURGERY	Surgical Treatment of Valvular Heart Disease (Aortic and Pulmonary Valve)	MUSTAFA GÜLER
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
				<b>WEEK 2</b>	
Monday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	

Monday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Chest Wall Deformities	PINAR TEZER
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Pneumothorax	PINAR TEZER
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Lung Cancer	CEMAL ASIM KUTLU
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Trachea and main airways diseases	CEMAL ASIM KUTLU
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Venous System Diseases (Varicose veins; Chronic Venous Insufficiency) Clinical Practice	DENİZ GÜNAY
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Lymphatic System Diseases (Lymphedema)	DENİZ GÜNAY
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Deep vein thrombosis, Thrombophlebitis	DENİZ GÜNAY
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Deep vein thrombosis, Thrombophlebitis	DENİZ GÜNAY
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Congenital Heart Disease-cyanotic	DENİZ GÜNAY
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Congenital Heart Disease-acyanotic	DENİZ GÜNAY
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Cardiac Neoplasms	SİNAN GÖÇER
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Peripheric Arterial Disease	SİNAN GÖÇER
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Vascular malformations	SİNAN GÖÇER
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Pericardial Diseases (Pericardial effusion/	SİNAN GÖÇER
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
				<b>WEEK3</b>	
Monday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	12:00	13:00		<b>LUNCH</b>	

Monday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Monday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Tuesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Wednesday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	Clinical Practice	
Thursday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Thursday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	SELF STUDY TIME	
Friday	8:00	8:40	CARDIOVASCULAR-THORACIC SURGERY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	CARDIOVASCULAR-THORACIC SURGERY		
Friday	9:40	10:20	CARDIOVASCULAR-THORACIC SURGERY		
Friday	10:30	11:10	CARDIOVASCULAR-THORACIC SURGERY		
Friday	11:20	12:00	CARDIOVASCULAR-THORACIC SURGERY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	CARDIOVASCULAR-THORACIC SURGERY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	CARDIOVASCULAR-THORACIC SURGERY		
Friday	14:40	15:20	CARDIOVASCULAR-THORACIC SURGERY		
Friday	15:30	16:10	CARDIOVASCULAR-THORACIC SURGERY		
Friday	16:20	17:00	CARDIOVASCULAR-THORACIC SURGERY	<b>FEEDBACK MEETING</b>	



**BAU TIP**

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KALP VE DAMAR CERRAHİSİ, GÖĞÜS CERRAHİSİ  
ANABİLİM DALLARI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 klavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirilmeyi / 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 %50'sine devam zorunluluğu vardır. Kazanmış veya kazanılmı devamlılık sınavını geçen öğrenci mesleki uygulama sonu sınavına alınmaz ve HA notu verilir. Bu öğrencilerin bölümlerine sınav hakkı yoktur ve söz konusu mesleki uygulamayı öğrenmeleri gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

**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-Soyadı ve İMZA
Genel ve soruna yönelik öykü alabilme	4	
Aydınlama ve önem alabilme	4	
Epikriz hazırlayabilme	4	
Hasta dosyası hazırlayabilme	4	
Toraks Tipü uygulaması	2	GÖZLEM, MAKET
Plevral ponksiyon/torasentez yapabilme	2	GÖZLEM, MAKET
Perikardiyosentez uygulayabilme	1	GÖZLEM
Yüzeysel sütür atabilme ve alabilme	3	
<b>PERFORMANS NOTU</b>		



## DERMATOLOGY CLERKSHIP PROGRAM

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

<b>LO 1.</b>	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.
<b>LO 2.</b>	Apply clinical knowledge and laboratory skills to make a diagnosis.
<b>LO 3.</b>	Describe the diagnostic and therapeutic approaches of common skin diseases with high morbidity and mortality.
<b>LO 4.</b>	Identify systemic diseases that give early diagnostic clues in the skin and refer the patients to the relevant departments.
<b>LO 5.</b>	Explain referral indications in dermatological diseases.
<b>LO 6.</b>	Inform patients and health personnel about contagious skin diseases and methods of protection.
<b>LO 7.</b>	List the dermatological diseases that must be notified and methods for legal notification.
<b>LO 8.</b>	Diagnose dermatologic diseases (such as urticaria, angioedema, erythroderma, toxic epidermal necrolysis) that require urgent intervention, perform emergency treatment at primary level and refer appropriately.
<b>LO 9.</b>	Evaluate risk factors for dermatological diseases on an individual basis and provide consultancy.
<b>LO 10.</b>	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.
- 

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.*

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>	28.08.2023 - 08.09.2023
<b>Group 2</b>	20.11.2023 - 01.12.2023
<b>Group 3</b>	02.01.2024 - 12.01.2024
<b>Group 4</b>	04.03.2024 - 15.03.2024

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	9:00	11:00	CORIENTATION SEMINAR	Introduction to Class 5	SEBAHAT DİLEK TORUN
Monday				National Core Education Program	
Monday				Rules to obey in clinical settings	
Monday				Program Evaluation	
Monday	11:20	12:00			
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	Introduction to Dermatology Clerkship	EMEL EYLEM ARIKAN
Tuesday	8:50	9:30	DERMATOLOGY	Skin lesions [maculopapular, bullous, vesicular]	EMEL EYLEM ARIKAN
Tuesday	9:40	10:20	DERMATOLOGY	Parasitic skin disease	EMEL EYLEM ARIKAN
Tuesday	10:30	11:10	DERMATOLOGY	Parasitic skin diseases-Tick Removal	EMEL EYLEM ARIKAN
Tuesday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	EMEL EYLEM ARIKAN
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	DERMATOLOGY	Other skin infections: cutaneous tuberculosis; leprosy; leishmaniasis,	EMEL EYLEM ARIKAN
Tuesday	13:50	14:30	DERMATOLOGY	Superficial Fungal Infections	EMEL EYLEM ARIKAN
Tuesday	14:40	15:20	DERMATOLOGY	Superficial Fungal Infections- Moniliasis	EMEL EYLEM ARIKAN
Tuesday	15:30	16:10	DERMATOLOGY	Papulosquamous diseases: psoriasis, lichen planus and pityriasis rosea	EMEL EYLEM ARIKAN
Tuesday	16:20	17:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	EMEL EYLEM ARIKAN
Wednesday	8:00	8:40	DERMATOLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	8:50	9:30	DERMATOLOGY		
Wednesday	9:40	10:20	DERMATOLOGY		
Wednesday	10:30	11:10	DERMATOLOGY		
Wednesday	11:20	12:00	DERMATOLOGY		
Wednesday	12:00	13:00	DERMATOLOGY		
Wednesday	13:00	13:40	DERMATOLOGY		
Wednesday	13:50	14:30	DERMATOLOGY		
Wednesday	14:40	15:20	DERMATOLOGY		
Wednesday	15:30	16:10	DERMATOLOGY		
Wednesday	16:20	17:00	DERMATOLOGY		
Thursday	8:00	8:40	DERMATOLOGY		
Thursday	8:50	9:30	DERMATOLOGY	Benign Skin lesions	NESLİHAN FİŞEK
Thursday	9:40	10:20	DERMATOLOGY	Skin cancers	NESLİHAN FİŞEK
Thursday	10:30	11:10	DERMATOLOGY	Etiology and prevention of skin cancers	NESLİHAN FİŞEK
Thursday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	NESLİHAN FİŞEK
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	DERMATOLOGY	Acne vulgaris and rosacea	NESLİHAN FİŞEK
Thursday	13:50	14:30	DERMATOLOGY	Acne vulgaris and rosacea	NESLİHAN FİŞEK
Thursday	14:40	15:20	DERMATOLOGY	Reactive Dermatoses	NESLİHAN FİŞEK
Thursday	15:30	16:10	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	NESLİHAN FİŞEK
Thursday	16:20	17:00	DERMATOLOGY	STUDY TIME	
Friday	8:00	8:40	DERMATOLOGY	Urticaria- Angioedema	PELİN KUTEYLA CAN
Friday	8:50	9:30	DERMATOLOGY	Drug reactions	PELİN KUTEYLA CAN
Friday	9:40	10:20	DERMATOLOGY	Skin, hair and nail changes (xerosis, discoloration, sweating alterations)	PELİN KUTEYLA CAN
Friday	10:30	11:10	DERMATOLOGY	Vitiligo and other pigmentary disorders	PELİN KUTEYLA CAN
Friday	11:20	12:00	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	PELİN KUTEYLA CAN
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	DERMATOLOGY	Approach to a patient with pruritus	PELİN KUTEYLA CAN
Friday	13:50	14:30	DERMATOLOGY	Approach to oral lesions	PELİN KUTEYLA CAN
Friday	14:40	15:20	DERMATOLOGY	Dermatologic wound care	PELİN KUTEYLA CAN
Friday	15:30	16:10	DERMATOLOGY	<i>CASE DISCUSSIONS</i>	PELİN KUTEYLA CAN
Friday	16:20	17:00	DERMATOLOGY	Discussion and Review of the lectures	PELİN KUTEYLA CAN

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 2</b>					
Monday	8:00	8:40	DERMATOLOGY	Viral skin infections	SILA KILIÇ SAYAR

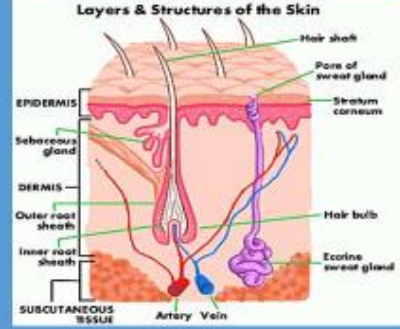
Monday	8:50	9:30	DERMATOLOGY	Viral skin infections	SILA KILIÇ SAYAR
Monday	9:40	10:20	DERMATOLOGY	Eczema I: atopic dermatitis, seborrheic dermatitis	SILA KILIÇ SAYAR
Monday	10:30	11:10	DERMATOLOGY	Eczema II: contact dermatitis, diaper dermatitis	SILA KILIÇ SAYAR
Monday	11:20	12:00	DERMATOLOGY	CASE DISCUSSIONS	SILA KILIÇ SAYAR
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	DERMATOLOGY	Skin and soft tissue infections and abscesses	SILA KILIÇ SAYAR
Monday	13:50	14:30	DERMATOLOGY	Skin and soft tissue infections and abscesses	SILA KILIÇ SAYAR
Monday	14:40	15:20	DERMATOLOGY	Rational topical and systemic drug usage in dermatology	SILA KILIÇ SAYAR
Monday	15:30	16:10	DERMATOLOGY	CASE DISCUSSIONS	SILA KILIÇ SAYAR
Monday	16:20	17:00	DERMATOLOGY	STUDY TIME	
Tuesday	8:00	8:40	DERMATOLOGY	<i>Clinical Practice</i>	
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>	
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>	
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>	
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	STUDY TIME	
Thursday	8:50	9:30	DERMATOLOGY	STUDY TIME	
Thursday	9:40	10:20	DERMATOLOGY	STUDY TIME	
Thursday	10:30	11:10	DERMATOLOGY	STUDY TIME	
Thursday	11:20	12:00	DERMATOLOGY	STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	DERMATOLOGY	STUDY TIME	
Thursday	13:50	14:30	DERMATOLOGY	STUDY TIME	
Thursday	14:40	15:20	DERMATOLOGY	STUDY TIME	
Thursday	15:30	16:10	DERMATOLOGY	STUDY TIME	
Thursday	16:20	17:00	DERMATOLOGY	STUDY TIME	
Friday	8:00	8:40	DERMATOLOGY		
Friday	8:50	9:30	DERMATOLOGY	<b>EXAMINATIONS</b>	
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		
Friday	13:50	14:30	DERMATOLOGY	<b>EXAMINATIONS</b>	
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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"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

DERMATOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Mesleki Uygulama Başlangıç Tarihi : .....

Mesleki Uygulama Bitiş Tarihi : .....

Öğrenme Düzeyi	Temel Hekimlik Uygulamaları Öğrenme Düzeyi
1	Uygulamanın nasıl yapıldığına 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 süres ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

- Bolognia J. L., Schaffer I. V., Duncan K. O., J. Ko C. (2021) DERMATOLOGY ESSENTIALS, 2 nd Edition, Elsevier.
- Habit T. P., By Dinulos. (2021) HABIT'S CLINICAL DERMATOLOGY: A COLOR GUIDE TO DIAGNOSIS AND THERAPY 7 th Edition, Elsevier.
- Wolff K., Johnson R.A., Saavedra A., Roh E. (2017). FITZPATRICK'S COLOR ATLAS, 8th Edition, Mc GrawHill Professional Publishing

**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 sınırı aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve adıç konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

5. SINIF ÖĞRENCİSİNİN DERİ VE ZÖHREVİ HASTALIKLAR MESLEKİ UYGULAMASINDA GÖZLEMLEMESİ/NASIL YAPILACAGINI BİLMESİ GEREKEN BECERİLER				
DERİ ve ZÖHREVİ HASTALIKLAR TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	İMDA	İMDA	İMDA
Genel ve dermatolojiye yönelik bilgiyi alabilme ve sonuçları kaydedebilme	4			
Derin muayenesi	4			
Derinin elementer lezyonlarını tanıyabilme	3			
Reçete düzenleyebilme	4			
Dermatoloji'de ağızla, topikal ilaç kullanımı (ikelerini uygulayabilme	4			
Dermatoloji'de kültür için örnek alabilme	3			
Yara - yanık bakımı yapabileme	3			
<b>PERFORMANS NOTU</b>				

## 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		LO 5, LO 7
Electrocution, Lightning, Hypothermia, Hyperthermia, Simulation Injuries.	<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>	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
Ethics and Human Rights-1		<b>LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES CONDITIONS</b>
Ethics and Human Right2	<b>AND HUMANITIES CONDITIONS</b>	LO 7, LO 8, LO 15, LO 16, LO 21

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

- Tsokos M, ed. Forensic Pathology Reviews. Humana Press. (6 VOLUMES) 2004-2011
- Saukko PJ, Knight B. Knight's Forensic Pathology. 3rd ed. Hodder Arnold, 2004.
- Catanese CA, ed. Color Atlas of Forensic Medicine and Pathology. CRC Press 2010.
- Prahlow JA, Byard RW, eds. Atlas of Forensic Pathology. Humana Press. 2012.
- 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	09.10.2023 - 20.10.2023
Group 3+4	04.03.2024 - 15.03.2024


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

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	8:00	8:40	FORENSIC MEDICINE	Getting Started with Internship	MAHMUT AŞIRDİZER
Monday	8:50	9:30	FORENSIC MEDICINE	Introduction to Forensic Medicine, Forensic Science in Turkey and the World	MAHMUT AŞIRDİZER
Monday	9:40	10:20	FORENSIC MEDICINE	Deaths-1: Definition, Diagnosis, Agony	MAHMUT AŞIRDİZER
Monday	10:30	11:10	FORENSIC MEDICINE	Deaths-2: Psödo-Death, Brain Death, Transplantation, Euthanasia	MAHMUT AŞIRDİZER
Monday	11:20	12:00	FORENSIC MEDICINE	Deaths-3: Early Postmortem Changes, Livor Mortis	MAHMUT AŞIRDİZER
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	FORENSIC MEDICINE	Death-4: Rigor Mortis, Putrefaction	MAHMUT AŞIRDİZER
Monday	13:50	14:30	FORENSIC MEDICINE	Death-5: Putrefaction, Exceptions of Putrefaction	MAHMUT AŞIRDİZER
Monday	14:40	15:20	FORENSIC MEDICINE	Natural - Sudden Deaths-1	MAHMUT AŞIRDİZER
Monday	15:30	16:10	FORENSIC MEDICINE	Natural - Sudden Deaths-2	MAHMUT AŞIRDİZER
Monday	16:20	17:00	FORENSIC MEDICINE	<i>STUDY TIME</i>	
Tuesday	8:00	8:40	FORENSIC MEDICINE	Forensic Obstetrics	MAHMUT AŞIRDİZER
Tuesday	8:50	9:30	FORENSIC MEDICINE	Wounds-1: Definition and classification, Blunt Trauma	MAHMUT AŞIRDİZER
Tuesday	9:40	10:20	FORENSIC MEDICINE	Wounds-2: Cutting and Piercing Tool Wounds	MAHMUT AŞIRDİZER
Tuesday	10:30	11:10	FORENSIC MEDICINE	Wounds-3: Gunshot Wounds	MAHMUT AŞIRDİZER
Tuesday	11:20	12:00	FORENSIC MEDICINE	Wounds-4: Shotgun Wounds	MAHMUT AŞIRDİZER
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	FORENSIC MEDICINE	Other Injuries-1: Explosions, Burns	MAHMUT AŞIRDİZER
Tuesday	13:50	14:30	FORENSIC MEDICINE	Other Injuries-2: Electrocutation, Lightning,	MAHMUT AŞIRDİZER
Tuesday	14:40	15:20	FORENSIC MEDICINE	Other Injuries-3: Road Traffic Accidents	MAHMUT AŞIRDİZER
Tuesday	15:30	16:10	FORENSIC MEDICINE	Regional Injuries	MAHMUT AŞIRDİZER
Tuesday	16:20	17:00	FORENSIC MEDICINE	<i>STUDY TIME</i>	
Wednesday	8:00	8:40	FORENSIC MEDICINE	Identification	MAHMUT AŞIRDİZER
Wednesday	8:50	9:30	FORENSIC MEDICINE	Scene Investigation-1: Definition, General Procedures	MAHMUT AŞIRDİZER
Wednesday	9:40	10:20	FORENSIC MEDICINE	Scene Investigation-2: Procedures According to Event	MAHMUT AŞIRDİZER
Wednesday	10:30	11:10	FORENSIC MEDICINE	Asphyxia-1: Introduction, Hanging	MAHMUT AŞIRDİZER
Wednesday	11:20	12:00	FORENSIC MEDICINE	Asphyxia-2: Hanging, Strangulations	MAHMUT AŞIRDİZER
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	FORENSIC MEDICINE	Asphyxia-3: Suffocations	MAHMUT AŞIRDİZER
Wednesday	13:50	14:30	FORENSIC MEDICINE	Asphyxia-4: Suffocating Gases, Chemical Asphyxias	MAHMUT AŞIRDİZER
Wednesday	14:40	15:20	FORENSIC MEDICINE	Asphyxia-5: Chemical Asphyxias, Autoerotic and	MAHMUT AŞIRDİZER
Wednesday	15:30	16:10	FORENSIC MEDICINE	Asphyxia-6: Drowning	MAHMUT AŞIRDİZER
Wednesday	16:20	17:00	FORENSIC MEDICINE	<i>STUDY TIME</i>	
Thursday	8:00	8:40	FORENSIC MEDICINE	Death Examination	MAHMUT AŞIRDİZER
Thursday	8:50	9:30	FORENSIC MEDICINE	Setting of death certificate	MAHMUT AŞIRDİZER
Thursday	9:40	10:20	FORENSIC MEDICINE	Medicolegal Autopsy	MAHMUT AŞIRDİZER
Thursday	10:30	11:10	FORENSIC MEDICINE	Medicolegal Autopsy (Video)	MAHMUT AŞIRDİZER
Thursday	11:20	12:00	FORENSIC MEDICINE	Medicolegal Autopsy (Video)	MAHMUT AŞIRDİZER
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	FORENSIC MEDICINE	Forensic Toxicology	MAHMUT AŞIRDİZER
Thursday	13:50	14:30	FORENSIC MEDICINE	Sampling	MAHMUT AŞIRDİZER
Thursday	14:40	15:20	FORENSIC MEDICINE	Forensic Psychiatry-1: Introduction, Criminal Liability	MAHMUT AŞIRDİZER
Thursday	15:30	16:10	FORENSIC MEDICINE	Forensic Psychiatry-2: Criminal Liability, Drug Abuse,	MAHMUT AŞIRDİZER
Thursday	16:20	17:00	FORENSIC MEDICINE	<i>STUDY TIME</i>	
Friday	8:00	8:40	FORENSIC MEDICINE	Violence	MAHMUT AŞIRDİZER
Friday	8:50	9:30	FORENSIC MEDICINE	Domestic Violence - Vulnerable Groups (elderly etc.)	MAHMUT AŞIRDİZER
Friday	9:40	10:20	FORENSIC MEDICINE	Domestic Violence -Child Abuse	MAHMUT AŞIRDİZER
Friday	10:30	11:10	FORENSIC MEDICINE	Legal Responsibilities of Physicians	MAHMUT AŞIRDİZER
Friday	11:20	12:00	FORENSIC MEDICINE	Medical Malpractice	MAHMUT AŞIRDİZER
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	FORENSIC MEDICINE	General Approach to Sexual Crimes and Legal	MAHMUT AŞIRDİZER
Friday	13:50	14:30	FORENSIC MEDICINE	Forensic Medical Examination of Sexual Assault Victim	MAHMUT AŞIRDİZER
Friday	14:40	15:20	FORENSIC MEDICINE	Setting a Forensic Report in Case of Sexual Assault	MAHMUT AŞIRDİZER
Friday	15:30	16:10	FORENSIC MEDICINE	Ethics and Human Rights-1	MAHMUT AŞIRDİZER
Friday	16:20	17:00	FORENSIC MEDICINE	<i>STUDY TIME</i>	

WEEK 2					
Monday	8:00	8:40	FORENSIC MEDICINE	Ethics and Human Rights-2	MAHMUT AŞIRDİZER
Monday	8:50	9:30	FORENSIC MEDICINE	Evaluation of Forensic Case and Raporting-1	MAHMUT AŞIRDİZER
Monday	9:40	10:20	FORENSIC MEDICINE	Evaluation of Forensic Case and Raporting-2	MAHMUT AŞIRDİZER
Monday	10:30	11:10	FORENSIC MEDICINE	Evaluation of Forensic Case and Raporting-3	MAHMUT AŞIRDİZER
Monday	11:20	12:00	FORENSIC MEDICINE	Evaluation of Forensic Case and Raporting-4	MAHMUT AŞIRDİZER
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-1</i>	MAHMUT AŞIRDİZER
Monday	13:50	14:30	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-2</i>	MAHMUT AŞIRDİZER
Monday	14:40	15:20	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-3</i>	MAHMUT AŞIRDİZER
Monday	15:30	16:10	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-4</i>	MAHMUT AŞIRDİZER
Monday	16:20	17:00	FORENSIC MEDICINE	STUDY TIME	
Tuesday	8:00	8:40	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-5</i>	MAHMUT AŞIRDİZER
Tuesday	8:50	9:30	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-6</i>	MAHMUT AŞIRDİZER
Tuesday	9:40	10:20	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-7</i>	MAHMUT AŞIRDİZER
Tuesday	10:30	11:10	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-8</i>	MAHMUT AŞIRDİZER
Tuesday	11:20	12:00	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-9</i>	MAHMUT AŞIRDİZER
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-10</i>	MAHMUT AŞIRDİZER
Tuesday	13:50	14:30	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-11</i>	MAHMUT AŞIRDİZER
Tuesday	14:40	15:20	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-12</i>	MAHMUT AŞIRDİZER
Tuesday	15:30	16:10	FORENSIC MEDICINE	<i>Practice- Evaluation of Forensic Case and Raporting-13</i>	MAHMUT AŞIRDİZER
Tuesday	16:20	17:00	FORENSIC MEDICINE	STUDY TIME	
Wednesday	8:00	8:40	FORENSIC MEDICINE	STUDY TIME	
Wednesday	8:50	9:30	FORENSIC MEDICINE	<i>Practice- ML Autopsy-1 (A Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	9:40	10:20	FORENSIC MEDICINE	<i>Practice- ML Autopsy-2 (A Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	10:30	11:10	FORENSIC MEDICINE	<i>Practice- ML Autopsy-3 (A Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	11:20	12:00	FORENSIC MEDICINE	<i>Practice- ML Autopsy-4 (A Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	FORENSIC MEDICINE	<i>Practice- ML Autopsy-1 (B Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	13:50	14:30	FORENSIC MEDICINE	<i>Practice- ML Autopsy-2 (B Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	14:40	15:20	FORENSIC MEDICINE	<i>Practice- ML Autopsy-3 (B Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	15:30	16:10	FORENSIC MEDICINE	<i>Practice- ML Autopsy-4 (B Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Wednesday	16:20	17:00	FORENSIC MEDICINE	STUDY TIME	
Thursday	8:00	8:40	FORENSIC MEDICINE	STUDY TIME	
Thursday	8:50	9:30	FORENSIC MEDICINE	<i>Practice- ML Autopsy-1 (C Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	9:40	10:20	FORENSIC MEDICINE	<i>Practice- ML Autopsy-2 (C Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	10:30	11:10	FORENSIC MEDICINE	<i>Practice- ML Autopsy-3 (C Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	11:20	12:00	FORENSIC MEDICINE	<i>Practice- ML Autopsy-4 (C Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	FORENSIC MEDICINE	<i>Practice- ML Autopsy-1 (D Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	13:50	14:30	FORENSIC MEDICINE	<i>Practice- ML Autopsy-2 (D Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	14:40	15:20	FORENSIC MEDICINE	<i>Practice- ML Autopsy-3 (D Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	15:30	16:10	FORENSIC MEDICINE	<i>Practice- ML Autopsy-4 (D Grubu) (Diğerleri STUDY</i>	MAHMUT AŞIRDİZER
Thursday	16:20	17:00	FORENSIC MEDICINE	STUDY TIME	
Friday	8:00	8:40	FORENSIC MEDICINE	THEORICAL EXAMINATION	MAHMUT AŞIRDİZER
Friday	8:50	9:30	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	9:40	10:20	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	10:30	11:10	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	11:20	12:00	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	FORENSIC MEDICINE	PRATICAL EXAMINATION	MAHMUT AŞIRDİZER
Friday	13:50	14:30	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	14:40	15:20	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	15:30	16:10	FORENSIC MEDICINE		MAHMUT AŞIRDİZER
Friday	16:20	17:00	FORENSIC MEDICINE	<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.	
Samiye Ulutaş	Assist. Prof. M.D.	
Zahide Mail Gürkan	M.D.	
Rahşan Karacı	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:

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

### SKILLS:

<b>LO 11.</b>	Take a complete and reliable history for a patient with intact or altered level of consciousness or mental status.
<b>LO 12.</b>	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:**

- 
- 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.
- 
- LO 21.** Identify and discuss ethical issues relevant to care of the patient with neurological disorders.
- 

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*

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
			Mini-mental state examination ( 1 hour)	LO 14, 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>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>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 <i>"scientia et amore vitae"</i>	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



Balance problems and disorders, immobilization, muscle weakness, ptosis,	Myopathy	Ön T		LO 1, LO 2, LO 3
Diplopia, muscle weakness, ptosis	Myasthenia Gravis; Cholinergic Crisis	A	Myopathy and Myasthenia Gravis; Cholinergic Crisis (1 hour)	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

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

GROUPS	DATES
Group 1	28.08.2023 - 08.09.2023
Group 2	20.11.2023 - 01.12.2023
Group 3	15.01.2024 - 26.01.2024
Group 4	18.03.2024 - 29.03.2024

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

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 1</b>					
Monday	9:00 -11:00		ORIENTATION SEMINAR	Introduction to Class 5	SEBAHAT DİLEK TORUN
Monday				National Core Education Program	
Monday				Rules to obey in clinical settings	
Monday				Program Evaluation	
Monday	11:20	12:00	NEUROLOGY	Introduction to the program: History Taking in Neurology	BUSE ÇAĞLA ARI
Monday	12:00	13:00	<b>LUNCH</b>		
Monday	13:00	13:40	NEUROLOGY	Neurological Examination	BUSE ÇAĞLA ARI
Monday	13:50	14:30	NEUROLOGY	Neurological Examination	BUSE ÇAĞLA ARI
Monday	14:40	15:20	NEUROLOGY	Coma, Glasgow Coma Scale	BUSE ÇAĞLA ARI
Monday	15:30	16:10	NEUROLOGY	Approach to an Unconscious Patient	BUSE ÇAĞLA ARI
Monday	16:20	17:00	NEUROLOGY	Paraneoplastic Disorders of the Nervous System	BUSE ÇAĞLA ARI
Tuesday	8:00	8:40	NEUROLOGY	Clinical Practice	
Tuesday	8:50	9:30	NEUROLOGY	Clinical Practice	
Tuesday	9:40	10:20	NEUROLOGY	Clinical Practice	
Tuesday	10:30	11:10	NEUROLOGY	Clinical Practice	
Tuesday	11:20	12:00	NEUROLOGY	Clinical Practice	
Tuesday	12:00	13:00	<b>LUNCH</b>		
Tuesday	13:00	13:40	NEUROLOGY	Central Nervous System Infections - Meningitis	SAMIYE ULUTAŞ
Tuesday	13:50	14:30	NEUROLOGY	Central Nervous System Infections - Encephalitis	SAMIYE ULUTAŞ
Tuesday	14:40	15:20	NEUROLOGY	Falls in Neurological Disorders	SAMIYE ULUTAŞ
Tuesday	15:30	16:10	NEUROLOGY	Neurologic Complications of Systemic Diseases	SAMIYE ULUTAŞ
Tuesday	16:20	17:00	NEUROLOGY	Vertigo of Central Nervous System Disorders	SAMIYE ULUTAŞ
Wednesday	8:00	8:40	NEUROLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	8:50	9:30	NEUROLOGY		
Wednesday	9:40	10:20	NEUROLOGY		
Wednesday	10:30	11:10	NEUROLOGY		
Wednesday	11:20	12:00	NEUROLOGY		
Wednesday	12:00	13:00	<b>LUNCH</b>		
Wednesday	13:00	13:40	NEUROLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	13:50	14:30	NEUROLOGY		
Wednesday	14:40	15:20	NEUROLOGY		
Wednesday	15:30	16:10	NEUROLOGY		
Wednesday	16:20	17:00	NEUROLOGY		
Thursday	8:00	8:40	NEUROLOGY	Alzheimer's Disease	GÜLAY KENANGİL
Thursday	8:50	9:30	NEUROLOGY	Dementia and Delirium	GÜLAY KENANGİL
Thursday	9:40	10:20	NEUROLOGY	Other Dementia Syndromes	GÜLAY KENANGİL
Thursday	10:30	11:10	NEUROLOGY	Mini - Mental State Examination	GÜLAY KENANGİL
Thursday	11:20	12:00	NEUROLOGY	<b>Case Presentation (Students)</b>	GÜLAY KENANGİL
Thursday	12:00	13:00	<b>LUNCH</b>		
Thursday	13:00	13:40	NEUROLOGY	Parkinsonism	GÜLAY KENANGİL
Thursday	13:50	14:30	NEUROLOGY	Parkinson's Disease	GÜLAY KENANGİL
Thursday	14:40	15:20	NEUROLOGY	<b>Case Presentation (Students)</b>	GÜLAY KENANGİL
Thursday	15:30	16:10	NEUROLOGY	STUDY TIME	
Thursday	16:20	17:00	NEUROLOGY	STUDY TIME	
Friday	8:00	8:40	NEUROLOGY	Ischemic Stroke, Transient Ischemic Attack	ASLI DEMİRTAŞ
Friday	8:50	9:30	NEUROLOGY	Hemorrhagic stroke	ASLI DEMİRTAŞ
Friday	9:40	10:20	NEUROLOGY	Intracranial Hypertension Syndrome	ASLI DEMİRTAŞ
Friday	10:30	11:10	NEUROLOGY	Multiple Sclerosis	ASLI DEMİRTAŞ
Friday	11:20	12:00	NEUROLOGY	<b>Case Presentation (Students)</b>	ASLI DEMİRTAŞ
Friday	12:00	13:00	<b>LUNCH</b>		
Friday	13:00	13:40	NEUROLOGY	Primary headaches - Migraine, Tension Type	ASLI DEMİRTAŞ
Friday	13:50	14:30	NEUROLOGY	Treatment in Primary Headaches	ASLI DEMİRTAŞ
Friday	14:40	15:20	NEUROLOGY	Secondary Headaches	ASLI DEMİRTAŞ
Friday	15:30	16:10	NEUROLOGY	Treatment in Secondary Headaches	ASLI DEMİRTAŞ
Friday	16:20	17:00	NEUROLOGY	<b>Case Presentation (Students)</b>	ASLI DEMİRTAŞ

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
<b>WEEK 2</b>					

Monday	8:00	8:40	NEUROLOGY	Myopathy and Myasthenia Gravis: Cholinergic Crisis	ZAHİDE MAİL GÜRKAN
Monday	8:50	9:30	NEUROLOGY	Peripheral Neuropathy, Guillain - Barre Syndrome	ZAHİDE MAİL GÜRKAN
Monday	9:40	10:20	NEUROLOGY	Epilepsy	ZAHİDE MAİL GÜRKAN
Monday	10:30	11:10	NEUROLOGY	Approach to a Patient with Status Epilepticus	ZAHİDE MAİL GÜRKAN
Monday	11:20	12:00	NEUROLOGY	Clinical Practice	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	NEUROLOGY	Clinical Practice	
Monday	13:50	14:30	NEUROLOGY	Clinical Practice	
Monday	14:40	15:20	NEUROLOGY	Clinical Practice	
Monday	15:30	16:10	NEUROLOGY	Clinical Practice	
Monday	16:20	17:00	NEUROLOGY	Clinical Practice	
Tuesday	8:00	8:40	NEUROLOGY	Clinical Practice	
Tuesday	8:50	9:30	NEUROLOGY	Clinical Practice	
Tuesday	9:40	10:20	NEUROLOGY	Clinical Practice	
Tuesday	10:30	11:10	NEUROLOGY	Clinical Practice	
Tuesday	11:20	12:00	NEUROLOGY	Clinical Practice	
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	NEUROLOGY	Clinical Practice	
Tuesday	13:50	14:30	NEUROLOGY	Clinical Practice	
Tuesday	14:40	15:20	NEUROLOGY	Clinical Practice	
Tuesday	15:30	16:10	NEUROLOGY	Clinical Practice	
Tuesday	16:20	17:00	NEUROLOGY	Clinical Practice	
Wednesday	8:00	8:40	NEUROLOGY	Clinical Practice	
Wednesday	8:50	9:30	NEUROLOGY	Clinical Practice	
Wednesday	9:40	10:20	NEUROLOGY	Clinical Practice	
Wednesday	10:30	11:10	NEUROLOGY	Clinical Practice	
Wednesday	11:20	12:00	NEUROLOGY	Clinical Practice	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	NEUROLOGY	Clinical Practice	
Wednesday	13:50	14:30	NEUROLOGY	Clinical Practice	
Wednesday	14:40	15:20	NEUROLOGY	Clinical Practice	
Wednesday	15:30	16:10	NEUROLOGY	Clinical Practice	
Wednesday	16:20	17:00	NEUROLOGY	Clinical Practice	
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		<b>LUNCH</b>	
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		
Friday	8:50	9:30	NEUROLOGY	<b>WRITTEN EXAMINATION</b>	
Friday	9:40	10:20	NEUROLOGY		
Friday	10:30	11:10	NEUROLOGY		
Friday	11:20	12:00	NEUROLOGY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	NEUROLOGY		
Friday	13:50	14:30	NEUROLOGY	<b>ORAL EXAMINATIONS</b>	
Friday	14:40	15:20	NEUROLOGY		
Friday	15:30	16:10	NEUROLOGY		
Friday	16:20	17:00	NEUROLOGY	<b>FEEDBACK MEETING</b>	



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
NÖROLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 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 / değerlendirme 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 %50'ine devam zorunluluğu vardır. Kısımlı veya kısmen devamsızlık sınavını alan öğrenci mesleki uygulama sonu sınavına alınmaz ve HA notu verilir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve söz konusu mesleki uygulamaları öğrenmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

NÖROLOJİK HASTALIKLAR TEMEL HEKİMLİK UYGULAMALARI	ÖĞRENME DÜZEYİ	PUAN	İZA
1 Genel ve soruna yönelik öykü alabilme	4		
2 Minimal durumu değerlendirilebilir	3		
3 Bilinç değerlendirme	4		
4 Nörolojik muayene	3		
5 Glasgow koma skalasını değerlendirilebilir	4		
6 Minsental durum muayenesi	3		
7 Teorik derslere aktif katılım	4		
8 Pratik derslere aktif katılım	4		
9 Tarzını ve tanısal amaçlı inceleme sonuçlarını yorumlayabilme	3		
10 Sağlık ekibi içindeki devamsız ve tutarsız			
<b>PERFORMANS NOTU</b>			

## NEUROSURGERY CLERKSHIP PROGRAM

NEUROSURGERY		
Türker Kılıç	Prof. M.D.	Head of Department
Ahmet Çolak	Prof. M.D.	
Deniz Konya	Prof. M.D.	
Akın Akakın	Prof. M.D.	
Kemal Yücesoy	Prof. M.D.	
Baran Yılmaz	Assoc. Prof. M.D.	
Aslan Güzel	Prof. M.D.	
Emre Ünal	Assist. Prof. M.D.	
Mehmet Zeki Yıldız	Assist. Prof. M.D.	
Süleyman Şener	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:

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

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

GROUPS	DATES
Group 1	11.09.2023 - 22.09.2023
Group 2	04.12.2023 - 15.12.2023
Group 3	29.01.2024 - 09.02.2024
Group 4	01.04.2024 - 19.04.2024

- 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	TÜRKER KILIÇ
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	NEUROSURGERY	Raised intracranial pressure and cerebrovascular diseases	AKIN AKAKIN
Monday	13:50	14:30	NEUROSURGERY	Glasgow Coma Scale, European Coma Scale	AKIN AKAKIN
Monday	14:40	15:20	NEUROSURGERY	STUDY TIME	
Monday	15:30	16:10	NEUROSURGERY	STUDY TIME	
Monday	16:20	17:00	NEUROSURGERY	STUDY TIME	
Tuesday	8:00	8:40	NEUROSURGERY	STUDY TIME	
Tuesday	8:50	9:30	NEUROSURGERY	Neurocutaneous syndromes	EMRE ÜNAL
Tuesday	9:40	10:20	NEUROSURGERY	Pediatric Brain Tumors	EMRE ÜNAL
Tuesday	10:30	11:10	NEUROSURGERY	Peripheral nerve surgery - Carpal Tunnel Syndrome, Lumbar Puncture	EMRE ÜNAL
Tuesday	11:20	12:00	NEUROSURGERY	Cranial Trauma and Intensive Care for Comatose Patients	EMRE ÜNAL
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	NEUROSURGERY	Degenerative Spinal Disease	DENİZ KONYA
Tuesday	13:50	14:30	NEUROSURGERY	Spinal Tumors	DENİZ KONYA
Tuesday	14:40	15:20	NEUROSURGERY	STUDY TIME	
Tuesday	15:30	16:10	NEUROSURGERY	STUDY TIME	
Tuesday	16:20	17:00	NEUROSURGERY	STUDY TIME	
Wednesday	8:00	8:40	NEUROSURGERY	Clinical practice	
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	
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	
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	AKIN AKAKIN
Thursday	13:50	14:30	NEUROSURGERY	Spinal Deformities	DENİZ KONYA
Thursday	14:40	15:20	NEUROSURGERY	Spinal Cord Compression Syndrome	DENİZ KONYA
Thursday	15:30	16:10	NEUROSURGERY	STUDY TIME	
Thursday	16:20	17:00	NEUROSURGERY	STUDY TIME	
Friday	8:00	8:40	NEUROSURGERY	Clinical practice	
Friday	8:50	9:30	NEUROSURGERY	Clinical practice	
Friday	9:40	10:20	NEUROSURGERY	Clinical practice	
Friday	10:30	11:10	NEUROSURGERY	Clinical practice	
Friday	11:20	12:00	NEUROSURGERY	Clinical practice	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	NEUROSURGERY	Clinical practice	
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	

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	NEUROSURGERY	Microcephaly / Macrocephaly	AHMET ÇOLAK
Monday	8:50	9:30	NEUROSURGERY	Congenital Malformations & Craniosynostosis	AHMET ÇOLAK
Monday	9:40	10:20	NEUROSURGERY	Neural tube defects & Syringomyelia	AHMET ÇOLAK
Monday	10:30	11:10	NEUROSURGERY	Functional anatomy of the spine and spinal cord	EMRE ÜNAL
Monday	11:20	12:00	NEUROSURGERY	<i>STUDY TIME</i>	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	NEUROSURGERY	Herniated Disc (Lumbar, Cervical)	MEHMET ZEKİ YILDIZ
Monday	13:50	14:30	NEUROSURGERY	Intracranial Hemorrhages	MEHMET ZEKİ YILDIZ
Monday	14:40	15:20	NEUROSURGERY	Hydrocephalus	MEHMET ZEKİ YILDIZ
Monday	15:30	16:10	NEUROSURGERY	Approach to a patient with spinal trauma	MEHMET ZEKİ YILDIZ
Monday	16:20	17:00	NEUROSURGERY	<i>STUDY TIME</i>	
Tuesday	8:00	8:40	NEUROSURGERY	<i>Clinical practice</i>	
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>	
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	KEMAL YÜCESOY
Wednesday	8:50	9:30	NEUROSURGERY	<i>Clinical practice</i>	
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>	
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	<i>STUDY TIME</i>	
Thursday	8:50	9:30	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	9:40	10:20	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	10:30	11:10	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	11:20	12:00	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	13:50	14:30	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	14:40	15:20	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	15:30	16:10	NEUROSURGERY	<i>STUDY TIME</i>	
Thursday	16:20	17:00	NEUROSURGERY	<i>STUDY TIME</i>	
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  
2023-2024

Öğrenci Adı-Soyadı :

Öğrenci Numarası :

Medisli Uygulama Başlangıç Tarihi : / /

Medisli 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., Grigorianello, C., Nader, R. (2017) NEUROSURGERY ROUNDS: QUESTIONS AND ANSWERS, Thieme Medical Publishers

#### Değerlendirme :

Teorik Sınav: % 40

Sozial Sınav: % 30

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 sınırı 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 yapıldığına biler ve sonuçlarını hasta ve/veya yakınlarına açıklar.	
2	Acil bir durumda bilgilere / yönergeye uygun biçimde uygulamayı yapar.	
3	Karmaşık olmayan, sık görülen durumlarda / olgularda uygulamayı* yapar.	
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.	

\* Ön değerlendirmeyi / değerlendirme yapıp, gerekli planları oluşturur, uygular ve sonuç ve sonuçlarıyla ilgili hasta ve yakınlarına / topluma bilgilendirir.

TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	İNZA
Genel ve acil tıbbi müdahaleler	4	
Aydınlık ve onar alabilmek	4	
Epilaksi hazırlayabilmek	4	
Neurolojik muayene	3	
Hasta dosyası hazırlayabilmek	4	
Glasgow/şu komaya skalasına değerlendirebilmek	4	
Servikal collar uygulayabilmek	4	
Lomber ponksiyon yapabilmek	1	
PERFORMANS NOTU:		

## OPHTHALMOLOGY CLERKSHIP PROGRAM

OPHTHALMOLOGY		
Okan Toygar	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.	
Emine Savran Elibol	Assist. Prof. M.D.	
Ali Murat Acimustafaoğlu	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:

- LO 1.** Demonstrate general knowledge of the anatomy and physiology of the eye.
- LO 2.** List the symptoms of common eye diseases.
- LO 3.** Describe the meaning of and method to correct the refractive disorders.
- LO 4.** Make the necessary preliminary intervention in mechanical and chemical eye injuries and refer these patients to specialized medical departments appropriately.
- LO 5.** Assess the most common causes of red eye and eye irritation presenting to the primary physician.
- LO 6.** Describe disorders of lacrimation.
- LO 7.** Take precautions against refractive errors and cross-eye in early childhood.
- LO 8.** 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:

- LO 9.** Take an accurate patient history.
- LO 10.** Perform an appropriate physical examination including use of the slit lamp and ophthalmoscope.
- LO 11.** 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 %
TOTAL	100 %

- 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
Group 1	11.09.2023 - 22.09.2023
Group 2	04.12.2023 - 15.12.2023
Group 3	29.01.2024 - 09.02.2024
Group 4	01.04.2024 - 19.04.2024

**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	OKAN TOYGAR
Monday	8:50	9:30	OPHTHALMOLOGY	Anatomy and physiology of the eye	EMİNE SAVRAN
Monday	9:40	10:20	OPHTHALMOLOGY	Anatomy and physiology of the eye	EMİNE SAVRAN
Monday	10:30	11:10	OPHTHALMOLOGY	Eyelid diseases and ptosis	EMİNE SAVRAN
Monday	11:20	12:00	OPHTHALMOLOGY	Basic orbital assessment	EMİNE SAVRAN
Monday	12:00	13:00			
Monday	13:00	13:40	OPHTHALMOLOGY	Nasolacrimal duct obstruction	EMİNE SAVRAN
Monday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical Skills Learning (Taking the history and recording the</i>	EMİNE SAVRAN
Monday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical Skills Learning (Writing a prescription)</i>	EMİNE SAVRAN
Monday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical Skills Learning (Measuring visual acuity, using a</i>	EMİNE SAVRAN
Monday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical Skills Learning (Using a direct ophthalmoscope)</i>	EMİNE SAVRAN
Monday	17:10	18:50	OPHTHALMOLOGY	<i>Clinical Skills Learning (External examination, everting an</i>	EMİNE SAVRAN
Tuesday	8:00	8:40	OPHTHALMOLOGY	Refractive disorders	BAŞAK BOSTANCI
Tuesday	8:50	9:30	OPHTHALMOLOGY	Red Eye	BAŞAK BOSTANCI
Tuesday	9:40	10:20	OPHTHALMOLOGY	Conjunctivitis	BAŞAK BOSTANCI
Tuesday	10:30	11:10	OPHTHALMOLOGY	Neonatal conjunctivitis	BAŞAK BOSTANCI
Tuesday	11:20	12:00	OPHTHALMOLOGY	Dry eye, Sjögren's syndrome, Keratitis	BAŞAK BOSTANCI
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	OPHTHALMOLOGY	Cataract	BAHA TOYGAR
Tuesday	13:50	14:30	OPHTHALMOLOGY	Cataract	BAHA TOYGAR
Tuesday	14:40	15:20	OPHTHALMOLOGY	Glaucoma	ERCÜMENT
Tuesday	15:30	16:10	OPHTHALMOLOGY	Glaucoma	ERCÜMENT
Tuesday	16:20	17:00	OPHTHALMOLOGY	<i>STUDY TIME</i>	
Wednesday	8:00	8:40	OPHTHALMOLOGY	Ophthalmic trauma principles and management of chemical	ALPER HALİL
Wednesday	8:50	9:30	OPHTHALMOLOGY	Ophthalmic trauma principles and management of chemical	ALPER HALİL
Wednesday	9:40	10:20	OPHTHALMOLOGY	Clinical Skills Learning (Removing foreign body)	ALPER HALİL
Wednesday	10:30	11:10	OPHTHALMOLOGY	Pupil abnormalities	ALPER HALİL
Wednesday	11:20	12:00	OPHTHALMOLOGY	Optic neuritis	ALPER HALİL
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	OPHTHALMOLOGY	Diplopia	AHMET ALTUN
Wednesday	13:50	14:30	OPHTHALMOLOGY	Strabismus	AHMET ALTUN
Wednesday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical skills Learning (examination of eye movements,</i>	AHMET ALTUN
Wednesday	15:30	16:10	OPHTHALMOLOGY	Vascular Retinal Diseases	AHMET ALTUN
Wednesday	16:20	17:00	OPHTHALMOLOGY	Vascular Retinal Diseases	AHMET ALTUN
Thursday	8:00	8:40	OPHTHALMOLOGY	Loss of vision	OKAN TOYGAR
Thursday	8:50	9:30	OPHTHALMOLOGY	Loss of vision	OKAN TOYGAR
Thursday	9:40	10:20	OPHTHALMOLOGY	Loss of vision	OKAN TOYGAR
Thursday	10:30	11:10	OPHTHALMOLOGY	Uveitis	OKAN TOYGAR
Thursday	11:20	12:00	OPHTHALMOLOGY	Behçet's disease	OKAN TOYGAR
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	<i>Clinical practice</i>	
Friday	8:50	9:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	9:40	10:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	10:30	11:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Friday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
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>	

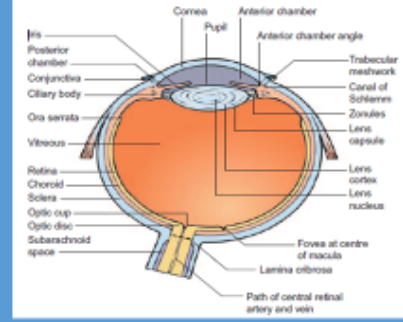
DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	8:50	9:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	9:40	10:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	10:30	11:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Monday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	8:00	8:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	8:50	9:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	9:40	10:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	10:30	11:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Tuesday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
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	<i>Clinical practice</i>	
Wednesday	8:50	9:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	9:40	10:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	10:30	11:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	11:20	12:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	13:50	14:30	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	14:40	15:20	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	15:30	16:10	OPHTHALMOLOGY	<i>Clinical practice</i>	
Wednesday	16:20	17:00	OPHTHALMOLOGY	<i>Clinical practice</i>	
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	<b>EXAMINATIONS</b>	
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		<b>LUNCH</b>	
Friday	13:00	13:40	OPHTHALMOLOGY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	OPHTHALMOLOGY		
Friday	14:40	15:20	OPHTHALMOLOGY		
Friday	15:30	16:10	OPHTHALMOLOGY		
Friday	16:20	17:00	OPHTHALMOLOGY	<b>FEEDBACK MEETING</b>	



**BAU TIP**

BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE

"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
GÖZ HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 and antihistamines	Antibiotics	Cycloplegic, steroids

	ANGLE CLOSURE GLAUCOMA	SUBCONJUNCTIVAL HEMORRHAGE	EPICLERITIS
<b>PUPIL</b>	Mild-dilated	Normal	Normal
<b>CONJUNCTIVA</b>	Vessel dilation around cornea mainly	Patch of hemorrhage	Patch of dilated vessels
<b>PAIN</b>	Mild	Painless	Moderate tenderness
<b>DISCHARGE</b>	N/A	N/A	N/A
<b>OCULAR TENSION</b>	High	High	Normal
<b>CORNEA</b>	Swamy, shallow angle	Normal	Normal
<b>VISION</b>	Decreased (halos)	Normal	Normal
<b>Rx</b>	Beta-blockers, osmotic agents, surgery	None	Steroids, NSAIDs

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

Aydın O'devyer, P. Aydın Akova Y. (2015) Göz Hastalıkları 3. Baskı, Güneş Tıp Kitabevi  
Salmon J. (2019) Kanski's Clinical Ophthalmology / International Edition, 8th Edition, A Systematic Approach, Elsevier  
American Academy of Ophthalmology 2021-2022 Basic and Clinical Science Course

Öğrenme Düzeyi	Temel Hekimlik Uygulanılan Öğrenme Düzeyi
1	Uygulamanın esası yapıldığı bir ve sonuçlarını hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kolunuzu / yolvermeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlarda / olgularda dahil uygulamayı* yapar.

\* Ön değerlendirme / değerlendirme yapılar, gerekli planları oluşturular, sigalar ve sınırsız sonuçlarıyla ilgili hasta ve yakınlarına / topluma bilgilendirir.

GÖZ HASTALIKLARI TEMEL HEKİMLİK UYGULAMALARI	Öğrenme Düzeyi	Sınavın Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik bilgi alabilme ve sonuçları kaydedebilme	4	
Reçete düzenleyebilme	4	
Göz Muayenesi - 1 Görme keskinliği ölçümü, pinhole kullanımı	3	
Göz Muayenesi - 2 Göz dibu muayenesi (direkt oftalmoskopi)	3	
Göz Muayenesi - 3 Lokal gözle göz muayenesi (eksternal muayene)	3	
Göz Muayenesi - 4 Üst göz kapakının çevrilmesi	3	
Göz Muayenesi - 5 Pupillik reaksiyonlarının değerlendirilmesi	3	
Göz Muayenesi - 6 Konfrontasyonla görme alanı değerlendirilmesi	3	
Göz Muayenesi - 7 Göz hareketleri ve gaglık muayenesi	3	
Gözen yabancı cisim çıkarılması	2	
PERFORMANS NOTU		

## ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM

ORTHOPEDICS AND TRAUMATOLOGY		
Merter Yalçinkaya	Prof. M.D.	Head of Department
Kubilay Beng	Prof. M.D	
Mehmet Bekir Ünal	Assoc. Prof. M.D.	
Özgür Korkmaz	Assist. Prof. M.D.	
Rüştü Nuran	Assist. Prof. M.D.	
Uğur Onur Kasman	Assist. Prof. M.D.	
Yakup Alpay	Assist. Prof. M.D.	
Ender Sarıoğlu	Assist. Prof. M.D.	
Atakan Ezici	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:**

<b>LO 10.</b>	Obtain accurate history regarding orthopedic medicine diseases and injuries.
<b>LO 11.</b>	Perform a basic physical examination of the spine, shoulder, elbow, wrist, hand, hip, knee, ankle, and foot.
<b>LO 12.</b>	Apply basic medical interventions for the musculoskeletal system (bandaging, splinting, etc.).

**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>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 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	25.09.2023 - 06.10.2023
Group 2	18.12.2023 - 29.12.2023
Group 3	29.01.2024 - 09.02.2024
Group 4	01.04.2024 -19.04.2024

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	ORTHOPEdic SUR.	Introduction to orthopedic surgery & Basic musculoskeletal radiology	ÖZGÜR KORKMAZ
Monday	8:50	9:30	ORTHOPEdic SUR.	General principles of fracture management and bone healing	ÖZGÜR KORKMAZ
Monday	9:40	10:20	ORTHOPEdic SUR.	Conservative treatment methods for orthopedic trauma patients and casting techniques	ÖZGÜR KORKMAZ
Monday	10:30	11:10	ORTHOPEdic SUR.	Cast & splint techniques for trauma cases - Hands-on Practice	ATAKAN EZİCİ
Monday	11:20	12:00	ORTHOPEdic SUR.	Cast & splint techniques for trauma cases - Hands-on Practice	ATAKAN EZİCİ
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	ORTHOPEdic SUR.	<i>Clinical practice</i>	
Monday	13:50	14:30	ORTHOPEdic SUR.		
Monday	14:40	15:20	ORTHOPEdic SUR.		
Monday	15:30	16:10	ORTHOPEdic SUR.		
Monday	16:20	17:00	ORTHOPEdic SUR.		
Tuesday	8:00	8:40	ORTHOPEdic SUR.		Extremity Trauma: Lower extremity fractures and dislocations 1 (Hip, femur and knee)
Tuesday	8:50	9:30	ORTHOPEdic SUR.	Extremity Trauma: Lower extremity fractures and dislocations 2 (Cruris, ankle and foot)	ENDER SARIOĞLU
Tuesday	9:40	10:20	ORTHOPEdic SUR.	Sports injuries and trauma	ENDER SARIOĞLU
Tuesday	10:30	11:10	ORTHOPEdic SUR.	Open fractures & Compartment syndrome	ATAKAN EZİCİ
Tuesday	11:20	12:00	ORTHOPEdic SUR.	Pelvic fractures & Management of the polytrauma patient	ATAKAN EZİCİ
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	ORTHOPEdic SUR.	<i>Clinical practice</i>	
Tuesday	13:50	14:30	ORTHOPEdic SUR.		
Tuesday	14:40	15:20	ORTHOPEdic SUR.		
Tuesday	15:30	16:10	ORTHOPEdic SUR.		
Tuesday	16:20	17:00	ORTHOPEdic SUR.		
Wednesday	8:00	8:40	ORTHOPEdic SUR.		Extremity Trauma: Upper extremity fractures and dislocations 1 (Hand, wrist and forearm)
Wednesday	8:50	9:30	ORTHOPEdic SUR.	Extremity Trauma: Upper extremity fractures and dislocations 2 (Elbow, humerus and shoulder)	MEHMET BEKİR ÜNAL
Wednesday	9:40	10:20	ORTHOPEdic SUR.	Hand & Wrist Disorders: Fractures & Tenosynovitis & Compressive neuropathies	MEHMET BEKİR ÜNAL
Wednesday	10:30	11:10	ORTHOPEdic SUR.	Foot & Ankle Disorders -1: Hallux Valgus & Hallux Rigidus & Foot deformities	UĞUR ONUR KASMAN
Wednesday	11:20	12:00	ORTHOPEdic SUR.	Foot & Ankle Disorders -2: Tenosynovitis & Compressive Neuropathies & Other foot disorders	UĞUR ONUR KASMAN
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	ORTHOPEdic SUR.	<i>Clinical practice</i>	
Wednesday	13:50	14:30	ORTHOPEdic SUR.		
Wednesday	14:40	15:20	ORTHOPEdic SUR.		
Wednesday	15:30	16:10	ORTHOPEdic SUR.		
Wednesday	16:20	17:00	ORTHOPEdic SUR.		
Thursday	8:00	8:40	ORTHOPEdic SUR.		Pediatric fractures and dislocations
Thursday	8:50	9:30	ORTHOPEdic SUR.	Dislocations and complications of dislocations	RÜŞTÜ NURAN
Thursday	9:40	10:20	ORTHOPEdic SUR.	Osteoarthritis (Etiology, pathomechanism, clinical & radiological evaluation and treatment)	RÜŞTÜ NURAN
Thursday	10:30	11:10	ORTHOPEdic SUR.	Bone and soft tissue tumors: Diagnosis & Treatment - 1	MERTER YALÇINKAYA
Thursday	11:20	12:00	ORTHOPEdic SUR.	Bone and soft tissue tumors: Diagnosis & Treatment - 2	MERTER YALÇINKAYA
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	ORTHOPEdic SUR.	<i>Clinical practice</i>	
Thursday	13:50	14:30	ORTHOPEdic SUR.		
Thursday	14:40	15:20	ORTHOPEdic SUR.		
Thursday	15:30	16:10	ORTHOPEdic SUR.		
Thursday	16:20	17:00	ORTHOPEdic SUR.		
Friday	8:00	8:40	ORTHOPEdic SUR.		Orthopedic infections: Osteomyelitis, septic arthritis, soft tissue infections
Friday	8:50	9:30	ORTHOPEdic SUR.	Osteonecrosis and osteochondrosis	UĞUR ONUR KASMAN
Friday	9:40	10:20	ORTHOPEdic SUR.	Congenital and developmental pediatric anomalies of lower extremity: Developmental Hip Dysplasia & Congenital Club foot	KUBİLAY BENG
Friday	10:30	11:10	ORTHOPEdic SUR.	Congenital and developmental pediatric anomalies of lower extremity: Perthes Disease & Cerebral Palsy	KUBİLAY BENG
Friday	11:20	12:00	ORTHOPEdic SUR.	Congenital and developmental pediatric anomalies of upper extremity: Torticollis & Brachial Plexus Injury & Hemimelia	KUBİLAY BENG



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



**BAU TIP**

BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ

"scientia et amore vitae"



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
ORTOPEDİ VE TRAVMATOLOJİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 klavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlarda / olgularda dahi uygulamayı* yapar.

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

McMahon, P., Skinner, J. H. (2023) 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 uygulamaları teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınavı ajan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bitirilemez sınav hakkı yoktur ve adı konu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

5. SINIF ÖĞRENCİSİNİN ORTOPEDİ VE TRAVMATOLOJİ MESLEKİ UYGULAMASINDA GÖZLEMESİ/NASIL YAPILACAĞINI BİLMESİ GEREKEN BECERİLER

Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Adı-Soyadı ve İMZA
Genel ve soruna yönelik öykü alma	4	
Kas-İskelet sistem muayenesi yapabilmek	4	
Reçete düzenleyebilmek	4	
Doğrudan radyografileri okuma ve değerlendirebilmek	3	
Laboratuvar/görüntüleme inceleme istek formu doldurabilmek	4	
Tarama ve tanısal 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		
Anil Hişmi	Assist. Prof. M.D.	
Hande Senem Deveci	Assoc. 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:

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

### SKILLS:

- LO 16.** 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	28.08.2023 - 08.09.2023
Group 2	20.11.2023 - 01.12.2023
Group 3	15.01.2024 - 26.01.2024
Group 4	18.03.2024 - 29.03.2024

- 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 – 11:00		ORIENTATION SEMINAR	Introduction to Class 5	Sebahat Dilek TORUN
Monday				National Core Education Program	
Monday				Rules to obey in clinical settings	Demet KOÇ
Monday				Program Evaluation	MELİKE YAVUZ
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	8:00	8:40	OTORHINOLARYNGOLOGY	Introduction to otorhinolaryngology / Anatomy of temporal bone; Physiology of hearing	ANIL HIŞMI
Tuesday	8:50	9:30	OTORHINOLARYNGOLOGY	Symptoms related to otology (Ear obstruction, Otorrhea & Otagia; Hearing disorders)	ANIL HIŞMI
Tuesday	9:40	10:20	OTORHINOLARYNGOLOGY	Maxillofacial trauma, Head trauma	ANIL HIŞMI
Tuesday	10:30	11:10	OTORHINOLARYNGOLOGY	Tracheotomy	ANIL HIŞMI
Tuesday	11:20	12:00	OTORHINOLARYNGOLOGY	Foreign Bodies in the ear, nose, and airway	ANIL HIŞMI
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	OTORHINOLARYNGOLOGY	Otitis Externa	ANIL HIŞMI
Tuesday	13:50	14:30	OTORHINOLARYNGOLOGY	Otitis Media; Perforated Ear Drum	ANIL HIŞMI
Tuesday	14:40	15:20	OTORHINOLARYNGOLOGY	Otosclerosis	ANIL HIŞMI
Tuesday	15:30	16:10	OTORHINOLARYNGOLOGY	Tinnitus	ANIL HIŞMI
Tuesday	16:20	17:00	OTORHINOLARYNGOLOGY	Facial paralysis	ANIL HIŞMI
Wednesday	8:00	8:40	OTORHINOLARYNGOLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	8:50	9:30	OTORHINOLARYNGOLOGY		
Wednesday	9:40	10:20	OTORHINOLARYNGOLOGY		
Wednesday	10:30	11:10	OTORHINOLARYNGOLOGY		
Wednesday	11:20	12:00	OTORHINOLARYNGOLOGY		
Wednesday	12:00	13:00			
Wednesday	13:00	13:40	OTORHINOLARYNGOLOGY	<b>National Holiday-Victory Day</b>	
Wednesday	13:50	14:30	OTORHINOLARYNGOLOGY		
Wednesday	14:40	15:20	OTORHINOLARYNGOLOGY		
Wednesday	15:30	16:10	OTORHINOLARYNGOLOGY		
Wednesday	16:20	17:00	OTORHINOLARYNGOLOGY		
Thursday	8:00	8:40	OTORHINOLARYNGOLOGY		Anatomy of head and neck
Thursday	8:50	9:30	OTORHINOLARYNGOLOGY	Head and neck masses	HANDE SENEM DEVECİ
Thursday	9:40	10:20	OTORHINOLARYNGOLOGY	Head and neck cancers	HANDE SENEM DEVECİ
Thursday	10:30	11:10	OTORHINOLARYNGOLOGY	Salivary Gland Diseases, Sjogren Syndrome	HANDE SENEM DEVECİ
Thursday	11:20	12:00	OTORHINOLARYNGOLOGY	STUDY TIME	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	OTORHINOLARYNGOLOGY	Anatomy of the larynx; Voice physiology	HANDE SENEM DEVECİ
Thursday	13:50	14:30	OTORHINOLARYNGOLOGY	Hoarseness	HANDE SENEM DEVECİ
Thursday	14:40	15:20	OTORHINOLARYNGOLOGY	Laryngeal Obstruction	HANDE SENEM DEVECİ
Thursday	15:30	16:10	OTORHINOLARYNGOLOGY	STUDY TIME	
Thursday	16:20	17:00	OTORHINOLARYNGOLOGY	STUDY TIME	
Friday	8:00	8:40	OTORHINOLARYNGOLOGY	Anatomy and physiology of the nose and paranasal sinuses	HANDE SENEM DEVECİ
Friday	8:50	9:30	OTORHINOLARYNGOLOGY	Diseases of the nasal cavity and paranasal sinuses ( Nasal Septal Deviation)	HANDE SENEM DEVECİ
Friday	9:40	10:20	OTORHINOLARYNGOLOGY	Diseases of the nasal cavity and paranasal sinuses (Nasal obstruction & congestion, Rhinorrhea; Allergic Rhinitis)	HANDE SENEM DEVECİ
Friday	10:30	11:10	OTORHINOLARYNGOLOGY	Upper Respiratory Tract Infections	HANDE SENEM DEVECİ
Friday	11:20	12:00	OTORHINOLARYNGOLOGY	Epistaxis	HANDE SENEM DEVECİ
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Taking the history and recording the</i>	
Friday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice: General ear-nose-throat &amp; head and neck</i>	
Friday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Friday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Friday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	OTORHINOLARYNGOLOGY	Sore throat	ANIL HIŞMI
Monday	8:50	9:30	OTORHINOLARYNGOLOGY	Diseases of the oral cavity and pharynx; Oral Lesions	ANIL HIŞMI
Monday	9:40	10:20	OTORHINOLARYNGOLOGY	Diseases of nasopharynx, Postnasal drip	ANIL HIŞMI
Monday	10:30	11:10	OTORHINOLARYNGOLOGY	Adenoid Hypertrophy	ANIL HIŞMI
Monday	11:20	12:00	OTORHINOLARYNGOLOGY	Snoring; Obstructive Sleep Apnea Syndrome	ANIL HIŞMI
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	OTORHINOLARYNGOLOGY	Stomatitis, Halitosis	ANIL HIŞMI
Monday	13:50	14:30	OTORHINOLARYNGOLOGY	Anatomy and physiology of vestibular system	ANIL HIŞMI
Monday	14:40	15:20	OTORHINOLARYNGOLOGY	Perypheric vestibular disorders, Vestibular Neuritis	ANIL HIŞMI
Monday	15:30	16:10	OTORHINOLARYNGOLOGY	Meniere's Disease;	ANIL HIŞMI
Monday	16:20	17:00	OTORHINOLARYNGOLOGY	Benign paroxysmal positional vertigo	ANIL HIŞMI
Tuesday	8:00	8:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice: Rinne, Weber and Schwabach tests</i>	
Tuesday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>A visit to audiology unit</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		<b>LUNCH</b>	
Tuesday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
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</i>	
Wednesday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice</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		<b>LUNCH</b>	
Wednesday	13:00	13:40	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	13:50	14:30	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	14:40	15:20	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	15:30	16:10	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Wednesday	16:20	17:00	OTORHINOLARYNGOLOGY	<i>Clinical Practice</i>	
Thursday	8:00	8:40	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	8:50	9:30	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	9:40	10:20	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	10:30	11:10	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	11:20	12:00	OTORHINOLARYNGOLOGY	<i>STUDY TIME</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
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	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	OTORHINOLARYNGOLOGY		
Friday	9:40	10:20	OTORHINOLARYNGOLOGY		
Friday	10:30	11:10	OTORHINOLARYNGOLOGY		
Friday	11:20	12:00	OTORHINOLARYNGOLOGY		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	OTORHINOLARYNGOLOGY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	OTORHINOLARYNGOLOGY		
Friday	14:40	15:20	OTORHINOLARYNGOLOGY		
Friday	15:30	16:10	OTORHINOLARYNGOLOGY		
Friday	16:20	17:00	OTORHINOLARYNGOLOGY		<b>FEEDBACK MEETING</b>





BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
KULAK BURUN BOĞAZ HASTALIKLARI VE BAŞ  
BOYUN CERRAHİSİ ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 klavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirilmeyi / değerlendirmeyi yapar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumunu 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 sınırı aşan öğrenci mesleki uygulama soru sınavına alınmaz ve NA notu verir. Bu öğrencilerin bitirilmesi sınav haldedir 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 Adı-Soyadı ve İMZA
Genel ve orsana yönelik öykü alabilme	4	
KBB ve Baş-boyun muayenesi	3	
Otoskopik muayene	3	
Rinne, Weber ve Schwabach testleri ile uygulayabilme	3	
Diş-Hallpike ve Epley manevralarını uygulayabilme	3	
Anterior rinoskopik muayene	3	
Burun kanamasına müdahale edebilme	2	
Boğaz kültürü alma	3	
Trakeotomi	1	
Ayıklama ve oram alabilme	4	
Epilöz hazırlayabilme	4	
Hasta dosyası hazırlayabilme	4	
Reçete düzenleyebilme	4	
Laboratuvar incelemeleri için istek formu doldurabilme	4	
<b>PERFORMANS NOTU</b>		

## PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM

PHYSICAL MEDICINE AND REHABILITATION		
Zeynep İyigün	Assoc. Prof. M.D	Head of Department
Göksel Çelebi	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:

<b>LO 1.</b>	Explain the normal structure and function of the musculoskeletal system.
<b>LO 2.</b>	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.
<b>LO 3.</b>	Apply clinical knowledge and laboratory skills to make a diagnosis.
<b>LO 4.</b>	Explain the causes of diseases involving the musculoskeletal system.
<b>LO 5.</b>	Get knowledge for sport injuries and basic rehabilitation principles.
<b>LO 6.</b>	Describe rehabilitation principles in stroke patients.
<b>LO 7.</b>	Describe rehabilitation principles in spinal cord injury.
<b>LO 8.</b>	Explain pathophysiology of pain, pain assessment, and medical treatment of physiotherapy of different types of pain.
<b>LO 9.</b>	Describe neurological rehabilitation in cerebral palsy and spina bifida patients.
<b>LO 10.</b>	Evaluate radiology of spine and joints in musculoskeletal system diseases.
<b>LO 11.</b>	Evaluate risk factors for musculoskeletal system diseases on an individual basis and provide consultancy.
<b>LO 12.</b>	Demonstrate knowledge necessary for long-term follow up and control in primary care.

#### SKILLS:

<b>LO 13.</b>	Take history from the patient for musculoskeletal system diseases.
<b>LO 14.</b>	Make musculoskeletal system and neurologic examination.
<b>LO 15.</b>	Evaluate muscle strength and spasticity.

**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.
<b>LO 19.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 20.</b>	Utilize the library and its resources to research clinical questions that arise during patient care and management.
<b>LO 21.</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.*

**BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ**  
*"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: acute pain-chronic pain(1 hour), 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	Low back pain -Cervical pain (1 hour), Spinal deformities (1 hour)	LO 2, LO 3, LO 8, LO 10, LO 20
<b>Musculoskeletal pain</b>	Trauma and injuries	A	Upper extremity pain syndromes (1 hour), Lower extremity pain syndromes (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-İ	Degenerative arthritis (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, Musculoskeletal pain, cramp, micro-macrocephaly, repetitive falls, tetany</b>	Osteoporosis; Vitamin D deficiency	Ön T; TT-K-İ	Osteoporosis, Vitamin D deficiency (1 hour)	LO 2, LO3, LO 10, LO 11, LO 12, LO 17, LO 20, LO 21
<b>Neuropathic Pain</b>	Neuropathic Pain		Common musculoskeletal pain syndromes acute pain chronic pain and neuropathic pain (1 hour)	LO 4, LO 20

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	Stroke Multipl sclerosis Serebral palsy Spinal cord injury	A-K-i	Common rehabilitation topics : Hemiplegia, SKI, MS, CP (2 hour )Rehabilitation principles and defination (1 hour)	LO 3, LO 4, LO 6, LO 17, LO 19, LO 20
edema	lymphedema	A	Lymphedema (1 hour)	LO 3, LO 4, LO 7, LO 17, LO 19, LO 20

MEASUREMENT & EVALUATION		GROUPS	DATES
Clinical performance assessment	10 %	Group 1	09.10.2023 - 20.10.2023
Oral examination	50 %	Group 2	02.01.2024 - 12.01.2024
Theoretical examination	40 %	Group 3	12.02.2024 - 23.02.2024
TOTAL	100 %	Group 4	22.04.2024 - 06.05.2024

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

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	PHYS. MEDICINE & REHAB.		
Monday	8:50	9:30	PHYS. MEDICINE & REHAB.	Introduction to Physical Medicine and Rehabilitation	ZEYNEP İYİGÜN
Monday	9:40	10:20	PHYS. MEDICINE & REHAB.	Physical Examination for musculoskeletal problems	ZEYNEP İYİGÜN
Monday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Monday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	PHYS. MEDICINE & REHAB.	Clinical practice all groups	ZEYNEP İYİGÜN
Monday	13:50	14:30	PHYS. MEDICINE & REHAB.	Clinical practice all groups	ZEYNEP İYİGÜN
Monday	14:40	15:20	PHYS. MEDICINE & REHAB.	Clinical practice all groups	ZEYNEP İYİGÜN
Monday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Monday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Tuesday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	
Tuesday	8:50	9:30	PHYS. MEDICINE & REHAB.	Low back pain -Cervical pain	GÖKSEL ÇELEBİ
Tuesday	9:40	10:20	PHYS. MEDICINE & REHAB.	Upper extremity pain syndromes	GOKSEL ÇELEBİ
Tuesday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Tuesday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Tuesday	12:00	13:00		LUNCH	
Tuesday	13:00	13:40	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Tuesday	13:50	14:30	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Tuesday	14:40	15:20	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Tuesday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Tuesday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Wednesday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	
Wednesday	8:50	9:30	PHYS. MEDICINE & REHAB.	Lower extremity pain syndromes	GOKSEL ÇELEBİ
Wednesday	9:40	10:20	PHYS. MEDICINE & REHAB.	Spinal deformities	GOKSEL ÇELEBİ
Wednesday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Wednesday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Wednesday	12:00	13:00		LUNCH	
Wednesday	13:00	13:40	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Wednesday	13:50	14:30	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Wednesday	14:40	15:20	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Wednesday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Wednesday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Thursday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	
Thursday	8:50	9:30	PHYS. MEDICINE & REHAB.	Fibromyalgia and Myofascial pain	GOKSEL ÇELEBİ
Thursday	9:40	10:20	PHYS. MEDICINE & REHAB.	Osteoporosis, Vitamin D deficiency	GOKSEL ÇELEBİ
Thursday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Thursday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	GOKSEL ÇELEBİ
Thursday	12:00	13:00		LUNCH	
Thursday	13:00	13:40	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Thursday	13:50	14:30	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Thursday	14:40	15:20	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Thursday	15:30	16:10	PHYS. MEDICINE & REHAB.	Clinical practice	ZEYNEP İYİGÜN- GOKSEL ÇELEBİ
Thursday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Friday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	
Friday	8:50	9:30	PHYS. MEDICINE & REHAB.	Common musculoskeletal pain syndromes acute pain chronic pain and neuropathic pain	ZEYNEP İYİGÜN
Friday	9:40	10:20	PHYS. MEDICINE & REHAB.	Joint pain: Monoarthritis and Polyarthritis -Differential diagnosis	ZEYNEP İYİGÜN
Friday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Friday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Friday	12:00	13:00		LUNCH	

Friday	13:00	13:40	PHYS. MEDICINE & REHAB.	Clinical Practice	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Friday	13:50	14:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Friday	14:40	15:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Friday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Friday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
				<b>WEEK 2</b>	
Monday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	
Monday	8:50	9:30	PHYS. MEDICINE & REHAB.	Spondiloarthropathies	ZEYNEP İYİGÜN
Monday	9:40	10:20	PHYS. MEDICINE & REHAB.	Rheumatoid arthritis and Polimyalgia Rheumatica	ZEYNEP İYİGÜN
Monday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Monday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Monday	13:50	14:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Monday	14:40	15:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Monday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Monday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Tuesday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	ZEYNEP İYİGÜN
Tuesday	8:50	9:30	PHYS. MEDICINE & REHAB.	Degenerative arthritis	ZEYNEP İYİGÜN
Tuesday	9:40	10:20	PHYS. MEDICINE & REHAB.	Degenerative arthritis	ZEYNEP İYİGÜN
Tuesday	10:30	11:10	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Tuesday	11:20	12:00	PHYS. MEDICINE & REHAB.	CLINICAL CASE DISCUSSION	ZEYNEP İYİGÜN
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Tuesday	13:50	14:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Tuesday	14:40	15:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
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Wednesday	8:00	8:40	PHYS. MEDICINE & REHAB.	STUDY TIME	ZEYNEP İYİGÜN
Wednesday	8:50	9:30	PHYS. MEDICINE & REHAB.	Rehabilitation principles and definition	ZEYNEP İYİGÜN
Wednesday	9:40	10:20	PHYS. MEDICINE & REHAB.	Common rehabilitation topics : Hemiplegia, SKI, MS, CP	ZEYNEP İYİGÜN
Wednesday	10:30	11:10	PHYS. MEDICINE & REHAB.	Common rehabilitation topics : Hemiplegia, SKI, MS, CP	ZEYNEP İYİGÜN
Wednesday	11:20	12:00	PHYS. MEDICINE & REHAB.	Lymphedema	ZEYNEP İYİGÜN
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Wednesday	13:50	14:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Wednesday	14:40	15:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	ZEYNEP İYİGÜN-GOKSEL CELEBİ
Wednesday	15:30	16:10	PHYS. MEDICINE & REHAB.	STUDY TIME	
Wednesday	16:20	17:00	PHYS. MEDICINE & REHAB.	STUDY TIME	
Thursday	8:00	8:40	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	8:50	9:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	9:40	10:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	10:30	11:10	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	11:20	12:00	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	13:50	14:30	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Thursday	14:40	15:20	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
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Thursday	16:20	17:00	PHYS. MEDICINE & REHAB.	<i>Clinical practice</i>	
Friday	8:00	8:40	PHYS. MEDICINE & REHAB.		
Friday	8:50	9:30	PHYS. MEDICINE & REHAB.		
Friday	9:40	10:20	PHYS. MEDICINE & REHAB.		
Friday	10:30	11:10	PHYS. MEDICINE & REHAB.		
				<b>EXAMINATIONS</b>	

Friday	11:20	12:00	PHYS. MEDICINE & REHAB.		
Friday	12:00	13:00		LUNCH	
Friday	13:00	13:40	PHYS. MEDICINE & REHAB.	EXAMINATIONS	
Friday	13:50	14:30	PHYS. MEDICINE & REHAB.		
Friday	14:40	15:20	PHYS. MEDICINE & REHAB.		
Friday	15:30	16:10	PHYS. MEDICINE & REHAB.		
Friday	16:20	17:00	PHYS. MEDICINE & REHAB.		FEEDBACK MEETING



**BAU TIP**  
BAHÇEŞEHİR UNIVERSITY SCHOOL OF MEDICINE  
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BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
FİZİKSEL TIP VE REHABİLİTASYON ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

Öğrenci Adı-Soyadı : \_\_\_\_\_  
Öğrenci Numarası : \_\_\_\_\_

Mesleki Uygulama Başlangıç Tarihi : \_\_\_\_\_  
Mesleki Uygulama Bitiş Tarihi : \_\_\_\_\_

## D A L I T İ P

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 değerlendirilmeyi / değerlendirilmeyi yapar, gerekli planları oluşturur, uygular ve sürec 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 uygulamaları teorik ve pratik tüm ders saatlerinin en az %80'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırı aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve adız konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yürütme Yönetmeliği, Madde 26.5)

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 dyküze alabilme ve sonuçları kaydedebilme	4	
Kas-iskelet sistemi muayenesi	3	
Reçete düzenleyebilme	4	
Direkt radyografileri okuma ve değerlendirme	3	
<b>PERFORMANS NOTU</b>		



## 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.	
Burak Sercan Erçin	Assoc. Prof. M. D	
Hasan Mete Aksoy	Assoc. Prof. M.D.	
Cem Öz	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	11.09.2023 - 22.09.2023
Group 2	04.12.2023 - 15.12.2023
Group 3	15.01.2024 - 26.01.2024
Group 4	18.03.2024 - 29.03.2024


  
**BAU TIP**
  
 BAÇEŞEHİR 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	Cleft Lip and Cleft Palate	TONGUÇ İŞKEN
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	STUDY TIME	
Tuesday	8:50	9:30	PLASTIC SURGERY	STUDY TIME	
Tuesday	9:40	10:20	PLASTIC SURGERY	Head Trauma (Maxillofacial bone and soft tissue trauma)	CEM ÖZ
Tuesday	10:30	11:10	PLASTIC SURGERY	Skin Cancers (SCC, BCC)	CEM ÖZ
Tuesday	11:20	12:00	PLASTIC SURGERY	Skin Cancers ( Malignant Melanom)	CEM ÖZ
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	Wound Healing	METE AKSOY
Wednesday	8:50	9:30	PLASTIC SURGERY	Skin and Soft Tissue Infections; abscess	METE AKSOY
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		<b>LUNCH</b>	
Wednesday	13:00	13:40	PLASTIC SURGERY	<i>Clinical practice</i>	
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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	STUDY TIME	
Thursday	8:50	9:30	PLASTIC SURGERY	Grafts	CEM ÖZ
Thursday	9:40	10:20	PLASTIC SURGERY	Flaps	CEM ÖZ
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>	
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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	BURAK SERCAN
Friday	8:50	9:30	PLASTIC SURGERY	Vascular Malformations and Hemangiomas	BURAK SERCAN
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>	
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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>	

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	PLASTIC SURGERY	Chronic Wounds 1 (Pressure Sores)	BURAK SERCAN
Monday	8:50	9:30	PLASTIC SURGERY	Chronic Wounds 1 (Diabetic Foot)	BURAK SERCAN
Monday	9:40	10:20	PLASTIC SURGERY	<i>Clinical practice</i>	
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>	
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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	BURAK SERCAN
Tuesday	8:50	9:30	PLASTIC SURGERY	Cleft Lip and Cleft Palate	BURAK SERCAN
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>	
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Tuesday	16:20	17:00	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	8:00	8:40	PLASTIC SURGERY	Post-traumatic Extremity Amputations (Emergency care, transport)	CEM ÖZ
Wednesday	8:50	9:30	PLASTIC SURGERY	Reconstructive surgery principles and approach for skin injuries	CEM ÖZ
Wednesday	9:40	10:20	PLASTIC SURGERY	Soft tissue injuries of the face and hand.	CEM ÖZ
Wednesday	10:30	11:10	PLASTIC SURGERY	<i>Clinical practice</i>	
Wednesday	11:20	12:00	PLASTIC SURGERY	<i>Clinical practice</i>	
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Friday	8:00	8:40	PLASTIC SURGERY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	PLASTIC SURGERY		
Friday	9:40	10:20	PLASTIC SURGERY		
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BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
PLASTİK, REKONSTRÜKTİF ve ESTETİK CERRAHİ AD  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 bilavuz / yönergeye uygun biçimde uygulamayı yapar.
3	Karmaşık olmayan, sık görülen, durumlarda / olgularda uygulamayı* yapar.
4	Karmaşık durumlar / olgular da dahil uygulamayı* yapar.

\* Ön değerlendirilmeyi / 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 sınırı aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verilir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

5. SINIF ÖĞRENCİSİNİN PLASTİK, REKONSTRÜKTİF VE ESTETİK CERRAHİ MESLEKİ UYGULAMASINDA GÜZLEMLEME/NASIL YAPILACAGINI BİLMESİ GEREKEN BECERİLER		
Temel Hekimlik Uygulamaları	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Genel ve soruna yönelik bkyü alabilme	4	
Yara-yarık bakımı yapabilme	3	
Yüzeysel sızdırı atabilme ve alabilme	4	
Travma sonrası kopan uzuvun uygun olarak taşınmasını sağlayabilme	4	
Deri ve yumuşak doku apsesi açabilme	3	
Ayırıştırma ve onamı alabilme	4	
Epikriz hazırlayabilme	4	
Hasta dosyasını 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
A. Asil Budaklı	Assist. Prof. M. D.	
Adnan Kuşman	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.



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**LO 10.** Demonstrate knowledge necessary for long-term follow up of psychiatric patients in primary care.

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**SKILLS:**

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**LO 11.** Conduct a comprehensive psychiatric history and examination.

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**LO 12.** Interpret and perform the mental status examination.

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**LO 13.** Perform Mini-mental State Examination.

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**LO 14.** Evaluate legal capacity in an emergent situation according to guidelines.

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**ATTITUDES:**

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**LO 15.** Communicate effectively and empathetically with patients and their families.

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**LO 16.** Establish and maintain effective working relationships with colleagues and health care professionals.

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**LO 17.** Display sufficient social skills when forming a patient-doctor relationship.

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**LO 18.** Evaluate the patient as a whole, not only his/her complaint.

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**LO 19.** Utilize the library and its resources to research clinical questions that arise during patient care and management.

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**LO 20.** Describe the legal and ethical issues pertinent to the care of psychiatric patients.

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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*

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

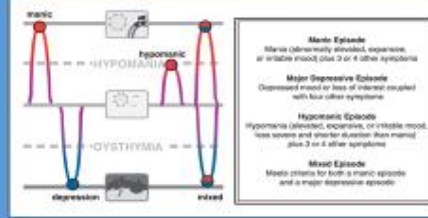
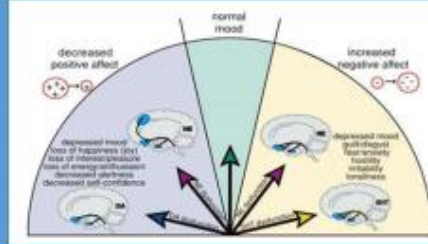
MEASUREMENT & EVALUATION	
Clinical performance assessment	10 %
Oral examination	50 %
Theoretical examination	40 %
TOTAL	100 %

GROUPS	DATES
<b>Group 1</b>	25.09.2023 - 06.10.2023
<b>Group 2</b>	18.12.2023 - 29.12.2023
<b>Group 3</b>	12.02.2024 - 23.02.2024
<b>Group 4</b>	22.04.2024 - 06.05.2024

- 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	ASİL BUDAKLI
Monday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	History taking in Psychiatry	ASİL BUDAKLI
Monday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Psychiatric Interview	ASİL BUDAKLI
Monday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Mental status examination	ASİL BUDAKLI
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Monday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Monday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Depression	SİBEL ÇAKIR
Monday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Bipolar Disorders & Mood State Changes	SİBEL ÇAKIR
Monday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Cognitive Disorders, Delirium, Dementia, Forgetfulness, Judgment impairment	SİBEL ÇAKIR
Tuesday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Tuesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	STUDY TIME	
Tuesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Dissociative Disorder; Conversion Disorder	ADNAN KUSMAN
Tuesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Somatization Disorder; Hypochondriasis, Somatic Symptom Disorder	ASİL BUDAKLI
Tuesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Personality Disorders & Suicide, self mutilation	ASİL BUDAKLI
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Anxiety disorders; Agitation; Obsession; Panic Attacks	ASİL BUDAKLI
Tuesday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Panic Disorder, Phobic Disorders, Agoraphobia, Social Anxiety Disorder	ASİL BUDAKLI
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	Alcoholism and Drug Addiction	ONAT YILMAZ
Wednesday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Eating Disorders; Anorexia; Weight gain; Weight Loss	ONAT YILMAZ
Wednesday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Sexual Impairment Disorders; Sexual Orientation Disorders	ONAT YILMAZ
Wednesday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Acute Stress Disorder & Post Traumatic Stress Disorder	ONAT YILMAZ
Wednesday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Obsessive- Compulsive Disorder, Generalised Anxiety Disorder	ADNAN KUSMAN
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	Attention Deficit Hyperactivity Disorder	ÖZGÜR ÖNER
Thursday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Disruptive, Impulse Control and Conduct Disorders	ÖZGÜR ÖNER
Thursday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Learning Difficulty & Tic Disorders	ÖZGÜR ÖNER
Thursday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Mental Retardation, Intellectual disability	ÖZGÜR ÖNER
Thursday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Communication Disorders, Social Communication Disorder	ÖZGÜR ÖNER
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Pervasive Development Disorders-Autism	ÖZGÜR ÖNER
Thursday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Pervasive Development Disorders-Autism	ÖZGÜR ÖNER
Thursday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Language Disorder, Stuttering, Speech Sound Disorder	ÖZGÜR ÖNER
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	Schizophrenia and other Psychotic Disorders	ADNAN KUSMAN
Friday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Schizophrenia and other Psychotic Disorders	ADNAN KUSMAN
Friday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Friday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	

				WEEK 2	
Monday	8:00	8:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	8:50	9:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	9:40	10:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	10:30	11:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	11:20	12:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	12:00	13:00		LUNCH	
Monday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	13:50	14:30	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	14:40	15:20	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	15:30	16:10	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
Monday	16:20	17:00	PSYCHIATRY & BEHAVIORAL SCIENCES	Clinical practice	
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		LUNCH	
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		LUNCH	
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	EXAMINATIONS	
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		LUNCH	
Friday	13:00	13:40	PSYCHIATRY & BEHAVIORAL SCIENCES	EXAMINATIONS	
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		FEEDBACK MEETING



**RUH SAĞLIĞI ve HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024**

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**

Öğrenciyeğin özet testi 1 puan, toplam 10 puandır

Hangi et işlevler? \_\_\_\_\_  
 Hangi mevsimler? \_\_\_\_\_  
 Hangi aylar? \_\_\_\_\_  
 Bu gün sen kaç? \_\_\_\_\_  
 Hangi günler? \_\_\_\_\_  
 Hangi iller? \_\_\_\_\_  
 Şu an hangi günün bucumuzdur? \_\_\_\_\_  
 Şu an bulunduğumuz saat kaçtır? \_\_\_\_\_  
 Şu an bulunduğumuz ilin adı nedir? \_\_\_\_\_  
 Şu an bu odaya kaç kişi katılmıştır? \_\_\_\_\_

**Kayıtlı Harfler (Toplam puan 3)**

- Siz buharın altına yazdığı her harf okuyarak doğru bir kelimeyi veya kelimeyi yazın. (Musa, Barak, İbrahim) 20 ok. size 2 puan. Her doğru kelime 1 puan.

**Dikkat ve Hesap Yapma (Toplam puan 5)**

- 100'ün yarıya bölünmesi / çarptırarak getir. Çıkararak veya başka işlemle edin. Her doğru işlem 1 puan. (20, 50, 80, 90, 100)

**Hafıza (Toplam puan 3)**

- Yukarıda listede verilen kelimeleri listede (Musa, Barak, İbrahim) olan kelime 1 puan

**Lisan (Toplam puan 9)**

- 50 günde kaç hafta vardığını söyleyin? (2 hafta, 4 hafta) 1'er puan toplam 2 puan (20 doğru veya yan)
- İsmi size okuyarak yazın (Musa, Barak, İbrahim) 10 kelime için her kelime 1 puan "İsmi ve tabii kimliğinizi" (10 kelime için her kelime 1 puan)
- İsmi size okuyarak yazın (Musa, Barak, İbrahim) 10 kelime için her kelime 1 puan "Mevki ve tabii kimliğinizi" (10 kelime için her kelime 1 puan)
- İsmi size okuyarak yazın (Musa, Barak, İbrahim) 10 kelime için her kelime 1 puan "Mevki ve tabii kimliğinizi" (10 kelime için her kelime 1 puan)
- İsmi size okuyarak yazın (Musa, Barak, İbrahim) 10 kelime için her kelime 1 puan "Mevki ve tabii kimliğinizi" (10 kelime için her kelime 1 puan)

**Toplam Puan (0-30)**

KAYNAK: KAPLAN & SADOCK CLINICAL PSYCHIATRY  
STAHL'S ESSENTIAL PSYCHOPHARMACOLOGY

Değerlendirme : Teorik Sınav: % 40, Sözlü Sınav: % 50, Performans Notu: % 30

Öğrenme Düzeyi	Temel Helikistik Uygulamaların Öğrenme Düzeyi
3	Uygulamaları nasıl yaptığını bilir ve sonuçları hasta ve/veya yakınlarına açıklar.
2	Acil bir durumda kolunuzu / yavaş yavaş aygıtı bilmekte uygular yapar.
1	Karışık olmayan, sık görülen durumlarda / şüphelerde aygıtları yapar.
4	Karışık durumlarda / aygıtlar da dahil aygıtları yapar.

\* Üst de gösterilmeyen / değerlendirilmeyen yapılar, gerekli görülen durumda, aygıtlar ve sonuç ve sonuçlarıyla ilgili hasta ve yakınlarına / yakınlarına bildirilir.

Temel Helikistik Uygulamaların	Öğrenme Düzeyi	Sorumlu Öğretim Üyesi Ad-Soyad ve İMZA
Psikiyatrik öykü alabilme	3	
Mental durumu değerlendirebilme	3	
Mini mental durum muayenesi	3	
Biliş değerlendirme	4	
Ruhsal durum muayenesi	3	
Acil psikiyatrik hastanın stabilizasyonunu yapabilme	3	
Hukuki ehliyeti belirleyebilme	2	
İntihar m üdahale	2	
Repete edilebilirlik	4	
Literatür/öğünümün tartışma		
<b>PERFORMANS NOTU</b>		

## PULMONARY MEDICINE CLERKSHIP PROGRAM

PULMONARY MEDICINE		
Merih Kalamanoğlu Balcı	Prof. M.D.	Head of Department
Nazlı Zeynep Uslu	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.
- LO 14. Know how to perform PPD test and interpret the results.
- LO 15. Know how to use a peak-flow meter.



**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.
<b>LO 19.</b>	Evaluate the patient as a whole, not only his/her complaint.
<b>LO 20.</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>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*

**BAU TIP**  
BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
*“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 %

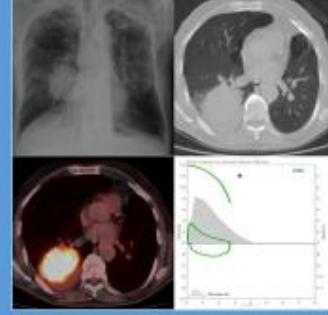
GROUPS	DATES
<b>Group 1</b>	18.09.2023 - 29.09.2023
<b>Group 2</b>	11.12.2023 - 22.12.2023
<b>Group 3</b>	22.01.2024 - 03.02.2024
<b>Group 4</b>	25.03.2024 - 05.04.2024

*"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 NAME	TOPIC	LECTURER
				<b>WEEK 1</b>	
Monday	8:00	8:40	PULMONARY DISEASES	Introduction to the program; Pathophysiology of Lung Disease	MERİH BALCI
Monday	8:50	9:30	PULMONARY DISEASES	Symptoms of Lung Disease (Dyspnea; Hemoptysis; Coughing; Apnea; Nail clubbing)	N.ZEYNEP USLU
Monday	9:40	10:20	PULMONARY DISEASES	History taking and General Examination of Respiratory System	N.ZEYNEP USLU
Monday	10:30	11:10	PULMONARY DISEASES	Tests for Lung Diseases	N.ZEYNEP USLU
Monday	11:20	12:00	PULMONARY DISEASES	Arterial Blood Gases Evaluation	MERİH BALCI
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PULMONARY DISEASES	Lung Diseases: Radiology	MERİH BALCI
Monday	13:50	14:30	PULMONARY DISEASES	Pneumonia	MERİH BALCI
Monday	14:40	15:20	PULMONARY DISEASES	Pneumonia	MERİH BALCI
Monday	15:30	16:10	PULMONARY DISEASES	COVID-19 Lecture	MERİH BALCI
Monday	16:20	17:00	PULMONARY DISEASES	STUDY TIME	
Tuesday	8:00	8:40	PULMONARY DISEASES	Asthma Bronchiale	MERİH BALCI
Tuesday	8:50	9:30	PULMONARY DISEASES	Asthma Bronchiale	MERİH BALCI
Tuesday	9:40	10:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	10:30	11:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	8:00	8:40	PULMONARY DISEASES	Interstitial Lung Disease(ILD) introduction	N.ZEYNEP USLU
Wednesday	8:50	9:30	PULMONARY DISEASES	Interstitial Lung Disease(ILD) introduction	N.ZEYNEP USLU
Wednesday	9:40	10:20	PULMONARY DISEASES	Systemic Diseases and the Lung	N.ZEYNEP USLU
Wednesday	10:30	11:10	PULMONARY DISEASES	Occupational Lung Diseases	N.ZEYNEP USLU
Wednesday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Wednesday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Wednesday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Wednesday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Wednesday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI/
Thursday	8:00	8:40	PULMONARY DISEASES	Smoke Cessation	N.ZEYNEP USLU
Thursday	8:50	9:30	PULMONARY DISEASES	Obstructive Sleep Apnea Syndrome	N.ZEYNEP USLU
Thursday	9:40	10:20	PULMONARY DISEASES	Hypersensitivity Pneumonitis and drug induced lung	N.ZEYNEP USLU
Thursday	10:30	11:10	PULMONARY DISEASES	Chronic Obstructive Pulmonary Disease	MERİH BALCI
Thursday	11:20	12:00	PULMONARY DISEASES	Chronic Obstructive Pulmonary Disease	MERİH BALCI
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	8:00	8:40	PULMONARY DISEASES	Tuberculosis	N.ZEYNEP USLU
Friday	8:50	9:30	PULMONARY DISEASES	Tuberculosis	N.ZEYNEP USLU
Friday	9:40	10:20	PULMONARY DISEASES	Sarcoidosis	N.ZEYNEP USLU
Friday	10:30	11:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Friday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	PULMONARY DISEASES	Pulmonary Embolism	N.ZEYNEP USLU
Monday	8:50	9:30	PULMONARY DISEASES	Pulmonary Embolism	N.ZEYNEP USLU
Monday	9:40	10:20	PULMONARY DISEASES	Pulmonary Hypertension	N.ZEYNEP USLU
Monday	10:30	11:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Monday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	8:00	8:40	PULMONARY DISEASES	Lung Cancer	MERİH BALCI
Tuesday	8:50	9:30	PULMONARY DISEASES	Lung Cancer	MERİH BALCI
Tuesday	9:40	10:20	PULMONARY DISEASES	Pleural Disease (Pleural Effusion; Empyema)	MERİH BALCI
Tuesday	10:30	11:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Tuesday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	8:00	8:40	PULMONARY DISEASES	Acute Respiratory Distress Syndrome	N.ZEYNEP USLU
Wednesday	8:50	9:30	PULMONARY DISEASES	Respiratory Failure	N.ZEYNEP USLU
Wednesday	9:40	10:20	PULMONARY DISEASES	Pulmonary Emergencies	MERİH BALCI
Wednesday	10:30	11:10	PULMONARY DISEASES	Bronchiectasis	MERİH BALCI
Wednesday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	12:00	13:00		<b>LUNCH</b>	
Wednesday	13:00	13:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	13:50	14:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	14:40	15:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	15:30	16:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Wednesday	16:20	17:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	8:00	8:40	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	8:50	9:30	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	9:40	10:20	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	10:30	11:10	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	11:20	12:00	PULMONARY DISEASES	<i>Clinical practice</i>	MERİH BALCI /
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	PULMONARY DISEASES	<i>STUDY TIME</i>	
Thursday	13:50	14:30	PULMONARY DISEASES	<i>STUDY TIME</i>	
Thursday	14:40	15:20	PULMONARY DISEASES	<i>STUDY TIME</i>	
Thursday	15:30	16:10	PULMONARY DISEASES	<i>STUDY TIME</i>	
Thursday	16:20	17:00	PULMONARY DISEASES	<i>STUDY TIME</i>	
Friday	8:00	8:40	PULMONARY DISEASES	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	PULMONARY DISEASES		
Friday	9:40	10:20	PULMONARY DISEASES		
Friday	10:30	11:10	PULMONARY DISEASES		
Friday	11:20	12:00	PULMONARY DISEASES		
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	PULMONARY DISEASES	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	PULMONARY DISEASES		
Friday	14:40	15:20	PULMONARY DISEASES		
Friday	15:30	16:10	PULMONARY DISEASES		
Friday	16:20	17:00	PULMONARY DISEASES	<b>FEEDBACK MEETING</b>	



BAHÇEŞEHİR ÜNİVERSİTESİ TIP FAKÜLTESİ  
GÖĞÜS HASTALIKLARI ANABİLİM DALI  
DÖNEM 5 MESLEKİ UYGULAMA KARNESİ  
2023-2024

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 sonuçları 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.

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

**Değerlendirme Zorunluluğu :**  
Sınıf IV ve V'te her bir mesleki uygulamanın teorik ve pratik tüm ders saatlerinin en az %50'ine devam zorunluluğu vardır. Mazeretli veya mazeretsiz devamsızlık sınırı aşan öğrenci mesleki uygulama sonu sınavına alınmaz ve NA notu verir. Bu öğrencilerin bitirilmesi sınav hakkı yoktur ve adı konusunu mesleki uygulamayı tekerrür etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yürütme Yönetmeliği, Madde 26.5)

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

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

## RADIOLOGY-RADIATION ONCOLOGY CLERKSHIP PROGRAM

RADIOLOGY		
Ali Özgen	Assoc. Prof. M.D.	Head of Department
Yunus Yaşar	Assist. Prof. M.D.	
Abdulbaki Ağaçkiran	Assist. 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.
<b>LO 9.</b>	Identify the importance of cancer prevention and screenings in preventive medicine.
<b>LO.10.</b>	Explain the biological basis of radiotherapy and place of radiotherapy in cancer treatment
<b>LO.11.</b>	Describe the principles of approach to the cancer patient
<b>LO.12</b>	Have a basic understanding of current approach on the principles of cancer treatments

### SKILLS:

<b>LO 13.</b>	Develop an approach for evaluation of plain radiography.
<b>LO 14.</b>	Interpret major findings on Chest X-ray.

**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.

CODES*	LEARNING LEVELS
<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*

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 radiationtherapy
Role of radiotherapy in management of multimodal cancer treatment
Acute and chronic side effects of radiationtherapy
Cancer prevention and cancer screening



Cancer diagnosis and approach to cancer patient

Integrative oncology roles and responsibilities in cancer patient's management

Basis of radiobiology

#### MEASUREMENT & EVALUATION

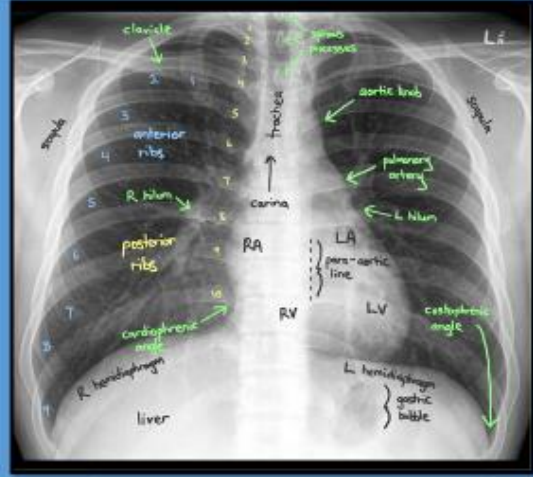
Clinical performance assessment	10 %
Theoretical examination	90 %
TOTAL	100 %

GROUPS	DATES
Group 1	25.09.2023 - 06.10.2023
Group 2	18.12.2023 - 29.12.2023
Group 3	12.02.2024 - 23.02.2024
Group 4	22.04.2024 - 06.05.2024

**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		
Monday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Introduction to Radiology, Radiological Techniques	ALİ ÖZGEN
Monday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Thoracic Radiology-Chest, CVS (Technique,	ALİ ÖZGEN
Monday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Thoracic Radiology (Pathology )	ALİ ÖZGEN
Monday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Neuroradiology	ABDÜLBAKİ AĞAÇKIRAN
Monday	12:00	13:00		<b>LUNCH</b>	
Monday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Monday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	
Tuesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Musculoskeletal Radiology (Technique, Anatomy,	YUNUS YAŞAR
Tuesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Breast Radiology	YUNUS YAŞAR
Tuesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Invasive Neuroimaging	YUNUS YAŞAR
Tuesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Abdominal Radiology (Gastrointestinal Radiology)	ABDÜLBAKİ AĞAÇKIRAN
Tuesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Abdominal Radiology (Genitourinary Radiology)	ABDÜLBAKİ AĞAÇKIRAN
Tuesday	12:00	13:00		<b>LUNCH</b>	
Tuesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
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	
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		<b>LUNCH</b>	
Wednesday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
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	Essentials of radiationtherapy	BERRİN PEHLİVAN
Thursday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Role of radiotherapy in management of multimodal cancer treatment	BERRİN PEHLİVAN
Thursday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Role of radiotherapy in management of multimodal cancer treatment	BERRİN PEHLİVAN
Thursday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Acute and chronic side effects of radiationtherapy	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	Clinical practice	
Thursday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Thursday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Thursday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Thursday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	Clinical practice	
Friday	12:00	13:00		<b>LUNCH</b>	
Friday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	Basis of radiobiology	BERRİN PEHLİVAN
Friday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	Cancer prevention and cancer screening	BERRİN PEHLİVAN
Friday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	Cancer diagnosis and approach to cancer patient	BERRİN PEHLİVAN
Friday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	Integrative oncology roles and responsibilities in cancer patient's management	BERRİN PEHLİVAN
Friday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	STUDY TIME	

DAY	HOURS		COURSE NAME	TOPIC	LECTURER
				<b>WEEK 2</b>	
Monday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
Monday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical practice</i>	
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	<i>Clinical Practice</i>	
Tuesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Tuesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Tuesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Tuesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
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	PSYCHIATRY & BEHAVIORAL	<i>Clinical Practice</i>	
Wednesday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Wednesday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Wednesday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Wednesday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
Wednesday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	<i>Clinical Practice</i>	
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	<i>STUDY TIME</i>	
Thursday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	9:40	10:20	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	10:30	11:10	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	11:20	12:00	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	12:00	13:00		<b>LUNCH</b>	
Thursday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Thursday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<i>STUDY TIME</i>	
Friday	8:00	8:40	RADIOLOGY-RAD ONCOLOGY	<b>EXAMINATIONS</b>	
Friday	8:50	9:30	RADIOLOGY-RAD ONCOLOGY		
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		<b>LUNCH</b>	
Friday	13:00	13:40	RADIOLOGY-RAD ONCOLOGY	<b>EXAMINATIONS</b>	
Friday	13:50	14:30	RADIOLOGY-RAD ONCOLOGY		
Friday	14:40	15:20	RADIOLOGY-RAD ONCOLOGY		
Friday	15:30	16:10	RADIOLOGY-RAD ONCOLOGY		
Friday	16:20	17:00	RADIOLOGY-RAD ONCOLOGY	<b>FEEDBACK MEETING</b>	



**RADYOLOJİ ANABİLİM DALI**  
**DÖNEM 5 MESLEKİ UYGULAMA KARNESİ**  
**2023-2024**

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 klavuz / 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 yapılar, gerekli planları oluşturur, uygular ve süreç ve sonuçlarıyla ilgili hasta ve yakınlarını / toplumu bilgilendirir.

UYGULAMA RADYOLOJİ	Öğrenme Düzeyi
DİREKT RADYOGRAFİLERİ DEĞERLENDİREBİLME	3
TARAMA VE TANISALAMAÇLI İNCELEME SONUÇLARINI YORUMLAYABİLME	3

**Değerlendirme :**  
Teorik Sınav: % 90  
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 bölünülme sınav hakkı yoktur ve söz konusu mesleki uygulamayı tekrar etmesi gerekir. (BAU Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği, Madde 26.5)

	Sorumlu Öğretim Üyesi Adı-Soyadı ve İMZA
ULTRASONOGRAFİ (Gözlem)	
DİREKT RÖNTGEN	
MRI (Gözlem)	
BT (Gözlem)	
GİRİŞİMSEL RADYOLOJİ (Gözlem)	
ULTRASONOGRAFİ (Gözlem)	

PERFORMANS NOTU	