



Atatürk University Faculty of Medicine



Pre-Graduate Medical Education 4th - 5th year Clerkship Guidebook

ATATÜRK ÜNİVERSİTESİ TIP FAKÜLTESİ 2020-2021 ÖĞRETİM YILI AKADEMİK TAKVİMİ

	Temel Tıp Bilimleri Dönemi		Klinik Tıp Bilimleri Dönemi				Aile Hekimliği Dönemi	
	I. II. ve III. SINIF		IV. SINIF		V. SINIF		VI. SINIF	
	Başlangıç	Bitiş	Başlangıç	Bitiş	Başlangıç	Bitiş	Başlangıç	Bitiş
I. Yarıyıl	05.10.2020	29.01.2021	07.09.2020	22.01.2021	31.08.2020	31.12.2020	01.07.2020	30.06.2021
Yarıyıl Tatili	30.01.2021	14.02.2021	23.01.2021	07.02.2021	02.01.2021	17.01.2021		
II. Yarıyıl	15.02.2021	18.06.2021	08.02.2021	02.07.2021	18.01.2021	28.05.2021		
Yılsonu Sınavları	05.07.2021	09.07.2021						
Bütünleme Sınavları	26.07.2021	30.07.2021	26.07.2021	13.08.2021	14.06.2021	25.06.2021	-----	
KURUMLAR ARASI YATAY GEÇİŞ					Başlangıç		Bitiş	
Yatay Geçiş Müracaat					27.07.2020		29.07.2020	
Yatay Geçiş Sonuçların İlanı					14.08.2020			
Asıl Liste Kayıt Tarihi					17.08.2020		19.08.2020	
Yedek Liste Kayıt Tarihi					24.08.2020		26.08.2020	

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NATIONAL COMPETENCIES AND PROFICIENCIES OF POSTGRADUATE STUDENTS OF ATATÜRK UNIVERSITY MEDICAL FACULTY

1. BASIC COMPETENCE AREA / Professional Practices	
COMPETENCE 1. Healthcare Provider	
1.	Integrates the knowledge, skills and attitudes acquired from basic and clinical medical sciences, behavioral sciences and social sciences and uses them in healthcare provision.
2.	Shows a biopsychosocial approach in patient management, which takes into consideration the socio-demographic and socio-cultural background of the individual, regardless of language, religion, race and gender.
3.	In the provision of health care, he/she prioritizes protecting and improving the health of individuals and society.
4.	Taking into account the individual, social, and environmental factors affecting health, he/she performs the necessary studies to maintain and improve the health condition.
5.	By recognizing the characteristics, needs and expectations of the target audience, he/she provides health education to healthy / sick individuals and their relatives and other health professionals.
6.	Demonstrates a safe, rational and effective approach in health service provision, protection, diagnosis, treatment, follow-up and rehabilitation processes.
7.	Performs interventional and / or non-invasive practices safely and effectively for the patient in diagnosis, treatment, follow-up and rehabilitation processes.
8.	Provides health services by considering patient and employee health and safety.
9.	In healthcare delivery, it considers both the regional and global physical and socioeconomic environment changes affecting health, as well as changes in the individual characteristics and behaviors of those applying to it.
2. BASIC COMPETENCE AREA / Professional Values and Approach	
COMPETENCE 2. Adopting Professional Ethics and Professional Principles	
10.	When conducting the profession, he/she considers good medical practices.
11.	Fulfills his/her duties and obligations within the framework of ethical principles and rights and legal responsibilities required by the profession.
12.	Considering the integrity of the patient, he/she shows decisive behaviors in providing high quality health care.
13.	Evaluates the performance, emotions and cognitive characteristics of his professional practices by considering them.
COMPETENCE 3. Health Advocate	
14.	Advocates to improve health service delivery by considering the concepts of social reliability and social responsibility for the protection and development of public health.
15.	Can plan and implement individual and community health service delivery, training and consultancy processes in cooperation with all components for health protection and development.
16.	Evaluates the impact of health policies and practices on individual and community health indicators and advocates improving the quality of health services.
17.	The physician attaches importance to protecting and improving his/her physical, mental and social health and does whatever is necessary for this.
COMPETENCE 4. Leader-Manager	
18.	Demonstrates exemplary behavior and leads within the healthcare team during service delivery.
19.	In the health institution he/she manages and uses resources in the planning, implementation and evaluation processes of health services cost-effectively, in accordance with the benefit of the society and the legislation.
COMPETENCE 5. Team Member	

20.	Communicates positively within the healthcare team with which it provides services and assumes different team roles when necessary.
21.	It is aware of the duties and obligations of the healthcare professionals in the healthcare team and acts accordingly.
22.	Works in harmony and effectively with colleagues and other professional groups in their professional practices.
COMPETENCE 6. Communicator	
23.	Communicates effectively with patients, relatives, healthcare professionals and other professional groups, institutions and organizations.
24.	Communicates effectively with individuals and groups that require special approach and have different sociocultural characteristics.
25.	In the diagnosis, treatment, follow-up and rehabilitation processes, it shows a patient-centered approach that shares the patient with decision-making mechanisms.

3. BASIC COMPETENCE AREA / Professional and Individual Development

COMPETENCE 7. Demonstrating Scientific and Analytical Approach

26.	Plans and implements scientific research, where necessary, for the population he/she serves and uses the results obtained and / or other research results for the benefit of society.
27.	Reaches the current literature information about his profession and evaluates critically
28.	Applies the principles of evidence-based medicine in the clinical decision making process.
29.	Uses information technologies to increase the effectiveness of their studies on healthcare, research and education.

COMPETENCE 8. Lifelong Learning

30.	Effectively manages individual work processes and career development.
31.	Demonstrates the skills to acquire, evaluate, integrate with existing information, apply to professional situations and adapt to changing conditions throughout his professional life.
32.	Selects the right learning resources and organizes his/her own learning process to improve the quality of the health service he/she offers.

Contribution Levels of the English Medicine IV and V Internship Curriculum to the Program Competencies of the 2020-2021 Academic Year

		Program Qualifications																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Class IV	Pediatrics Clerkship	5	4	5	3	4	5	4	5	2	5	3	4	2	3	4	2	5	4	2	4	5	4	4	2	5	3	4	5	5	3	4	5
	General Surgery Clerkship	5	4	5	2	2	3	2	2	1	2	4	2	1	1	1	1	2	1	1	1	1	4	4	1	1	1	2	1	3	3	4	3
	Internal Medicine Clerkship	4	3	4	3	4	4	3	3	3	4	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	Obstetrics and Gynecology Clerkship	4		4		4		3		5	5	5	2	3	2	4	4	5	5	5	5	5	5	5	5	4	5	5	5	5	4	5	
	Physical Medicine and Rehabilitation Clerkship	5	5	5	4	4	4	3	4	4	4	5	4	4	5	4	4	5	4	4	4	4	5	5	4	4	5	3	4	4	5	4	4
	Pediatric Surgery Clerkship	3	5	4	3	4	3	4	4	5	4	5	4	3	5	4	4	3	4	5	4	3	4	3	3	3	3	2	3	4	4	3	4
	Radiology Clerkship	4	4	5	2	5	4	5	3		5	4		3				5	4		4	4	5	3		5	5	5	5	5	4	4	4
	Family Medicine Clerkship	4	5	5	5	4	4	3	3	1	4	4	4		3	3			3	3	4	4	4	4	4	4	4	1	1	1			
	Clinic Pharmacology Clerkship	5	5	5	4	3	5	5	5	3	5	5	5	3	3	3	5	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Class V	Chest Diseases Clerkship	4	5	4	3	3	4	3	4	2	3	4	4	3	3	3	3	4	3	1	3	3	4	3	3	3	1	4	5	4	4	4	4
	Cardiology Clerkship	2	1	5	5		5	4	2	1	5	3	2	1	4	2	1	3	1	3	3	3	4	3	2	5	4	5	5	4	4	5	5
	Thoracic Surgery & Cardiovascular Surgery Clerkship	4	4	5	4	4	4	5	5	3	4	5	4	3	3		3	3	4	4	4	3	4	5	3	4					4	4	4
	Dermatology Clerkship	5	5	4	4	4	5	5	5	5	5	5	5	5	4	4	4	3	5	5	5	5	5	5	5	5	4	5	5	5	4	5	5
	ENT Diseases Clerkship	5	5	4	2	2	3	3	3	3	3	3	4		3	3	3	3	3	4		3	4	3	3	3	3	3	2	3	3	3	3
	Infectious Diseases Clerkship	5	3	5	3	4	5	4	5	2	4	4	4	3	2	3	2	4	4	2	2	3	3	3	2	4	2	2	4		3	3	3
	Orthopedics and Traumatology Clerkship	5	2	3	2	2	4	4	1	1	3	3	3	4	1	2	1	1	4	2	3	4	2	3	1	2	2	2	3	3	2	2	2
	Urology Clerkship	5	3	3		3	1	2	4	1	5	3	4	2		2		1			3	2	4	3	1	1		5	4	5	3	4	2
	Psychiatry Clerkship	4	4	4	4	2	3	4	3	4	5	4	5	5	2	4	1	3	3	2	4	3	5	5	5	5	3	4	5	3	3	3	3
	Neurology Clerkship	5	4	4	3	3	4	3	4	2	4	3	2	2	1	1	2	3	2	2	3	3	3	3	3	3	2	2	2	3	3	2	1
	Neurosurgery Clerkship	5	4	4	3	3	4	3	4	2	4	3	2	2	1	1	2	3	2	2	3	3	3	3	3	3	2	2	2	3	3	2	1
	Eye Diseases Clerkship	4	4	5	4	4	4	5	5	3	4	5	4	3	3	3	3	4	4	4	3	4	5	3	4			4	4	4			
	Child and Adolescent Psychiatry Clerkship	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	3	3	4	4	2	3	2	3	4	4	3
Plastic and Reconstructive Surgery Clerkship	5	5	4	5	5	5	4	4	5	5	5	5	4	3	4	4	4	5	3	4	4	4	4	4	4	5	4	5	5	4	4	4	4

Contribution Level: 1 Very low 2 Low 3 Medium 4 High 5 Very high

2020 - 2021 EDUCATION YEAR 4TH GRADE ACADEMIC CALENDAR

	07.09.2020 - 30.10.2020				02.11.2020 - 25.12.2020				28.12.2020 - 22.01.2021		08.02.2021 - 05.03.2021		08.03.2021 - 30.04.2021				03.05.2021 - 02.07.2021			
Pediatrics	4İ1/A-B, 4İ2/A-B				4T1/A-B, 4T2/A-B				4T3/A-B		4T4/A-B		4T5/A-B, 4T6/A-B				4T7/A-B, 4T8/A-B			
General Surgery	4T7/A-B, 4T8/A-B				4İ1/A-B, 4İ2/A-B				4T1A-B		4T2/A-B		4T3/A-B, 4T4/A-B				4T5/A-B, 4T6/A-B			
Internal Medicine	4T5/A-B, 4T6/A-B				4T7/A-B, 4T8/A-B				4İ1/A-B		4İ2/A-B		4T1/A-B, 4T2/A-B				4T3/A-B, 4T4/A-B			
Gynecology and Obstetrics	4T3/A-B, 4T4/A-B				4T5/A-B, 4T6/A-B				4T7/A-B		4T8/A-B		4İ1/A-B, 4İ2/A-B				4T1/A-B, 4T2/A-B			
	07.09.2020 18.09.2020	21.09.2020 02.10.2020	05.10.2020 16.10.2020	19.10.2020 30.10.2020	02.11.2020 13.11.2020	16.11.2020 27.11.2020	30.11.2020 11.12.2020	14.12.2020 25.12.2020	28.12.2020 08.01.2021	11.01.2021 22.01.2021	08.02.2021 19.02.2021	22.02.2021 05.03.2021	08.03.2021 19.03.2021	22.03.2021 02.04.2021	05.04.2021 16.04.2021	19.04.2021 30.04.2021	03.05.2021 21.05.2021	24.05.2021 04.06.2021	07.06.2021 18.06.2021	21.06.2021 02.07.2021
Physical Medicine and Rehabilitation	4T1A	4T2B	4T2A	4T1B	4T3A	4T4B	4T4A	4T3B	4T5A	4T6B	4T6A	4T5B	4T7A	4T8B	4T8A	4T7B	4İ1A	4İ2B	4İ2A	4İ1B
Pediatric Sur.	4T1B	4T1A	4T2B	4T2A	4T3B	4T3A	4T4B	4T4A	4T5B	4T5A	4T6B	4T6A	4T7B	4T7A	4T8B	4T8A	4İ1B	4İ1A	4İ2B	4İ2A
Radiology	4T2A	4T1B	4T1A	4T2B	4T4A	4T3B	4T3A	4T4B	4T6A	4T5B	4T5A	4T6B	4T8A	4T7B	4T7A	4T8B	4İ2A	4İ1B	4İ1A	4İ2B
Elective	4T2B	4T2A	4T1B	4T1A	4T4B	4T4A	4T3B	4T3A	4T6B	4T6A	4T5B	4T5A	4T8B	4T8A	4T7B	4T7A	4İ2B	4İ2A	4İ1B	4İ1A

23.01.2021 – 07.02.2021 SEMESTER HOLIDAY

Compulsory Clerkships (38 weeks): Pediatrics (8 weeks), General Surgery (8 weeks), Internal Medicine (8 weeks), Gynecology and Obstetrics (8 weeks), Physical Medicine and Rehabilitation (2 weeks), Pediatric Surgery (2 weeks), Radiology (2 weeks).

Elective Clerkships (2 hafta): Family Medicine (2 weeks), Medical Pharmacology (2 weeks)

2020 - 2021 EDUCATION YEAR 5TH GRADE ACADEMIC CALENDAR

	31.08.2020 - 18.09.2020	21.09.2020 - 09.10.2020	12.10.2020 - 30.10.2020	02.11.2020 - 20.11.2020	23.11.2020 - 11.12.2020	14.12.2020 - 31.12.2020	02.01.2021 – 17.01.2021 SEMESTER HOLIDAY											18.01.2021 - 05.02.2021	08.02.2021 - 26.02.2021	01.03.2021 - 19.03.2021	22.03.2021 - 09.04.2021	12.04.2021 - 30.04.2021	03.05.2021 - 28.05.2021															
Chest Diseases	5İ1/A-B-C	5İ1/D-E-F	5İ2/A-B-C	5İ2/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F										
Cardiology	5İ1/D-E-F	5İ1/A-B-C	5İ2/D-E-F	5İ2/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C										
Cardiac-Tho. Sur.	5T4/A-B-C	5T4/D-E-F	5İ1/A-B-C	5İ1/D-E-F	5İ2/A-B-C	5İ2/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F										
Skin and Ven. Dis.	5T4/D-E-F	5T4/A-B-C	5İ1/D-E-F	5İ1/A-B-C	5İ2/D-E-F	5İ2/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C										
E.N.T.	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5İ1/A-B-C	5İ1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F										
Infectious Dis.	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5İ1/D-E-F	5İ1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C										
Ort. and Tra.	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F										
Urology	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C										
Psychiatry	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F	5T3/A-B-C	5T3/D-E-F	5T4/A-B-C	5T4/D-E-F	5T1/A-B-C	5T1/D-E-F	5T2/A-B-C	5T2/D-E-F										
Neurology	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C	5T3/D-E-F	5T3/A-B-C	5T4/D-E-F	5T4/A-B-C	5T1/D-E-F	5T1/A-B-C	5T2/D-E-F	5T2/A-B-C										
	31.08.2020 - 11.09.2020	14.09.2020 - 25.09.2020	28.09.2020 - 09.10.2020	12.10.2020 - 23.10.2020	26.10.2020 - 06.11.2020	09.11.2020 - 20.11.2020	23.11.2020 - 04.12.2020	07.12.2020 - 18.12.2020	25.12.2020 - 31.12.2020	18.01.2021 - 29.01.2021	01.02.2021 - 12.02.2021	15.02.2021 - 26.02.2021	01.03.2021 - 12.03.2021	15.03.2021 - 26.03.2021	29.03.2021 - 09.04.2021	12.04.2021 - 22.04.2021	26.04.2021 - 07.05.2021	17.05.2021 - 28.05.2021	5T3/A-B	5T3/E-F	5T3/C-D	5T4/A-B	5T4/E-F	5T4/C-D	5İ1/A-B	5İ1/E-F	5İ1/C-D	5T3/A-B	5T3/E-F	5T3/C-D	5T4/A-B	5T4/E-F	5T4/C-D	5İ1/C-D	5İ1/E-F	5İ1/E-F	5İ1/C-D	5İ1/A-B
Neurosurgery	5İ2/A-B	5İ2/E-F	5İ2/C-D	5T1/A-B	5T1/E-F	5T1/C-D	5T2/A-B	5T2/E-F	5T2/C-D	5T3/A-B	5T3/E-F	5T3/C-D	5T4/A-B	5T4/E-F	5T4/C-D	5İ1/A-B	5İ1/E-F	5İ1/C-D	5T3/A-B	5T3/E-F	5T3/C-D	5T4/A-B	5T4/E-F	5T4/C-D	5İ1/A-B	5İ1/E-F	5İ1/C-D	5T3/A-B	5T3/E-F	5T3/C-D	5T4/A-B	5T4/E-F	5T4/C-D	5İ1/E-F	5İ1/C-D	5İ1/A-B		
Ophthalmology	5İ2/C-D	5İ2/A-B	5İ2/E-F	5T1/C-D	5T1/A-B	5T1/E-F	5T2/C-D	5T2/A-B	5T2/E-F	5T3/C-D	5T3/A-B	5T3/E-F	5T4/C-D	5T4/A-B	5T4/E-F	5İ1/C-D	5İ1/A-B	5İ1/E-F	5T3/C-D	5T3/A-B	5T3/E-F	5T4/C-D	5T4/A-B	5T4/E-F	5İ1/C-D	5İ1/A-B	5İ1/E-F	5T3/C-D	5T3/A-B	5T3/E-F	5T4/C-D	5T4/A-B	5T4/E-F	5İ1/C-D	5İ1/A-B	5İ1/E-F		
Elective	5İ2/E-F	5İ2/C-D	5İ2/A-B	5T1/E-F	5T1/C-D	5T1/A-B	5T2/E-F	5T2/C-D	5T2/A-B	5T3/E-F	5T3/C-D	5T3/A-B	5T4/E-F	5T4/C-D	5T4/A-B	5İ1/E-F	5İ1/C-D	5İ1/A-B	5T3/E-F	5T3/C-D	5T3/A-B	5T4/E-F	5T4/C-D	5T4/A-B	5İ1/E-F	5İ1/C-D	5İ1/A-B	5T3/E-F	5T3/C-D	5T3/A-B	5T4/E-F	5T4/C-D	5T4/A-B	5İ1/E-F	5İ1/C-D	5İ1/A-B		

Compulsory Clerkships (34 weeks): Skin and Venereal Diseases (3 weeks), Infectious Diseases (3 weeks), Chest Diseases (3 weeks), Cardiology (3 weeks), Ear, Nose and Throat Diseases (3 weeks), Neurology (3 weeks), Orthopedics and Traumatology (3 weeks), Psychiatry (3 weeks), Üroloji (3 weeks), Cardiovascular and Thoracic surgery (3 weeks), Neurosurgery (2 weeks), Ophthalmology (2 weeks).

Elective Clerkships (2 weeks): Child and Adolescent Psychiatry (2 weeks), Plastic, Reconstructive and Aesthetic Surgery (2 weeks)

INTERNSHIP GUIDES ON DEPARTMENTS

SESSION IV PEDIATRICS CLERKSHIP GUIDE

Code	TPT-401
Period	8 weeks

Type	Compulsory
ECTS	12

PEDIATRICS CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Nelson Textbook of pediatrics
2.	Yurdakök Pediatri
3.	Olçay Neyzi Pediatri

PEDIATRICS CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. PEDIATRICS CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE PEDIATRICS CLERKSHIP PROGRAM

1.	To be able to make a preliminary diagnosis / diagnosis by evaluating the anatomy, physiological characteristics of children, the signs and symptoms of the diseases mentioned.
2.	To be able to request the necessary laboratory tests and imaging tests in line with the preliminary diagnosis she has made to pediatric patients.
3.	To be able to evaluate the laboratory tests and imaging tests required in line with the preliminary diagnosis it has made to pediatric patients.
4.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
5.	To be able to perform emergency treatment by defining emergency situations in a child patient and to provide referral when necessary after emergency intervention and treatment.
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship

2. PEDIATRICS CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Program Qualifications	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0	3 1	3 2								
Contribution levels	5	4	4	2	5	3	4	5	5	3	4	5								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE PEDIATRICS CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the pediatrics clerkship period

PEDIATRICS CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Asphyxia	35	Enuresis	69	Suspicious genitalia
2.	Dry mouth	36	Color change in urine	70	Lymphadenopathy
3.	Wound in the mouth	37	bBoating abdominals	71	Melena-hematemez
4.	Low back and back pain	38	Chest pain	72	Micro-macrocephaly
5.	amenorrhea	39	Chest wall anomalies	73	Edema
6.	Anemia	40	Vision impairment / loss	74	Cough
7.	Anorectal pain	41	weakness	75	Paresthesia
8.	Anuria-oliguria	42	Hematoesia / rectal bleeding	76	Paresis, paralysis
9.	Apnea	43	Hematuria	77	Pelvic pain
10.	Fire	44	Hemoptysis	78	Petechia, purpura, ecchymosis
11.	Dizziness	45	Hepatomegaly	79	Polydipsia
12.	Headache	46	Wheezing (wheezing)	80	Polyuria
13.	Consciousness changes	47	Hypertension	81	Pollacuria / Nocturia
14.	Pain throat	48	Hypotension	82	Beginning puberty (early - late)
15.	Mass in neck	49	Hypothermia / Hyperthermia	83	Pupil changes
16.	Nausea and vomiting	50	Hirsutism	84	Jaundice
17.	Runny nose / congestion	51	Urinary retention	85	Syncope
18.	Nose bleeding	52	Chronic pain	86	Hoarseness
19.	Growth - developmental retardation	53	Seizures	87	Cyanosis
20.	Palpitations	54	Gynecomastia	88	splenomegaly
21.	Double vision	55	Constipation	89	Stridor
22.	Clubbing	56	murmur in the heart	90	Tetan
23.	Balance / movement problems	57	Tendency to bleed	91	Tremors
24.	Skin rashes / lesions (maculopapular, bullous, vesicular)	58	Abdominal pain	92	Foreign body ingestion/ aspiration / ear / nose)
25.	Skin and nail changes (dryness, discoloration, etc.)	59	Mass in the abdomen	93	Side pain
26.	Encopresis	60	muscle weakness	94	Swallowing Difficulty
27.	Dyspepsia	61	Eyebrow skeletal pain (waist, neck, back, hip and limb pain)		
28.	Dyspnea	62	Mass in the groin / scrotum		
29.	Diarrhea	63	Red eye (Eye rash)		
30.	Dysuria	64	overweight / excess		
31.	Joint pain / swelling	65	Weight loss		
32.	Movement restriction in joints	66	colic pain (kidney, biliary, intestine)		
33.	Suction difficulties	67	Learning disability		
34.	Movement disorders	68	Ear pain / discharge		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Pediatrics clerkship period.

PEDIATRICS CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
<p>In the clinical problems mentioned in the column next to;</p> <p>Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary</p>	<ol style="list-style-type: none"> 1-Adrenocortical insufficiency 2-Lung Edema 3-Acute pancreatitis 4-Acute kidney damage 5-Acute glomerulonephritis 6-Acute pancreatitis 7-Allergic reaction 8-Anaphylaxis 9-Acid - base is for balance 10-Asthma 11-Food poisoning 12-Pertussis 13. bronchiolitis 14. Dehydration 15-Iron deficiency anemia 16-Diabetes mellitus and its complications 17-Asphyxia at birth 18-Fetal distress at birth 19-Enteric Fever 20-Epilepsy 21-Essential hypertension 22-Facial paralysis 23-Febrile convulsion 24-Gastroenteritis 25-Gastrointestinal congenital anomalies 26-Hepatic coma 27-hypoglycaemia 28-Intracranial hemorrhages 29-Vitamin K deficiency 30-For heart rhythm 31-Heart failure 32-Cardio mon pulmonary arrest 33-Crimea - Congo hemorrhagic fever 34-Koma 35-Chronic kidney disease 36-Laryngeal obstruction 37-Meningococcal diseases 38-Central nervous system infections 39-migraine 40-Oncological emergencies 41-pneumothorax 42-sepsis 43-For liquid and electrolyte balance 44-Respiratory failure 45-Shock 46-Tetanus 47-Urticaria and angioedema 48-Upper gastrointestinal bleeding 49-Common intravascular coagulation 50-Gastrointestinal system malformations in newborns 51-Convulsion in newborn 52-Necrotizing enterocolitis in newborn 53-Sepsis and meningitis in newborn 54-Respiratory difficulty in newborn 55-Hemorrhagic diseases of newborn 56-Poisoning

<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<p>1-Adrenocortical insufficiency 57-Aplastic anemia 58-Ataxic disorders 59-Familial Mediterranean fever 60-Cushing's disease 61-Childhood solid tumors 62-Diabetes insipitus 63-Diaphragmatic hernias 64-diphtheria 65-Birth Trauma 66-Congenital metabolic diseases 67-endocarditis 20-Epilepsy 68-Gastrointestinal tract motility is required 69-Guillain - Barré syndrome 70-hemoglobinopathies 71-Hemolytic anemia 72-Hemolytic uremic syndrome / Thrombotic Thrombocytopenic Purpura 73-hydrocephalus 74-Pituitary 75-Hypoparathyroidism 76-Hypotonic baby 77-Inflammatory bowel disease 78-Intrauterine growth retardation 79-Intrauterine infections 80-Irritable bowel disease 81-Blood conflicts 82- Bleeding profile (hemophilia, thrombocytopenia, etc.) 83-Eyebrow diseases (myopathies) 84-Bone tumors 85-Cystic fibrosis 86-Cholecystitis, Cholelithiasis 87-Congenital adrenal hyperplasia 88-Congenital heart diseases 89-Chromosome diseases (frequent display) 90-Chronic glomerulonephritis 91-Chronic hepatitis 92-Lymphoproliferative diseases 93-Leukemia 94-Malabsorption 95-Myocarditis / cardiomyopathy 96- Pericardial diseases 97-Pleural diseases 98-Portal hypertension 99-Pulmonary hypertension 100-Secondary hypertension 101-Cerebral palsy 102-Systemic Lupus Erythematosus 103-Sjögren's Syndrome 104 scleroderma 105-Vasculitis 106-Metabolic disorders in newborn</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to</p>	<p>4-Acute kidney damage 5-Acute glomerulonephritis 107-Acute hepatitis 108- Acute rheumatic fever 109-Arthritis</p>

<p>direct the specialist by making the necessary preliminary procedures</p>	<p>110 Acid 13. bronchiolitis 111-Congenital structural anomalies 22-Facial paralysis 112-Henoch-Schönlein purpura 30-For heart rhythm 31-Heart failure 113-Participation vigil 33-Crimea - Congo hemorrhagic fever 35-Chronic kidney disease 39-migraine 114-Nephrotic syndrome 115-Diabetic mother baby 116-prematurity 43-For liquid and electrolyte balance 46-Tetanus 48-Upper gastrointestinal bleeding 117-Newborn jaundice</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<p>118-Lung tuberculosis 7-Allergic reaction 10-Asthma 12-Pertussis 119-Brucellosis 120-Functional constipation in the child 121-Vitamin D deficiency 14. Dehydration 15-Iron deficiency anemia 16-Diabetes mellitus and its complications 122-Rash rash infectious diseases 21-Essential hypertension 23-Febrile convulsion 24 gastroenteritis 123-Gastrointestinal system parasitoses 124-Hypothyroidism 125 Mumps 126-Congenital hypothyroidism 127-Malnutrition 128-Megaloblastic anemia 129-moniliasis 130-Water Foam Sprinklers 131-otitis media 132-Pneumonia 133-Urinary system infections 47-Urticaria and angioedema 134-Upper respiratory tract infections 135- Conjunctivitis in newborn</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<p>59-Familial Mediterranean fever 118-Lung tuberculosis 10-Asthma 120-Functional constipation in the child 121-Vitamin D deficiency 15-Iron deficiency anemia 16-Diabetes mellitus and its complications 66-Congenital metabolic diseases 20-Epilepsy 21-Essential hypertension 124-Hypothyroidism 80-Irritable bowel disease 30-For heart rhythm</p>

	31-Heart failure 82- Bleeding profile (hemophilia, thrombocytopenia, etc.) 126-Congenital hypothyroidism 35-Chronic kidney disease 127-Malnutrition 128-Megaloblastic anemia 39-migraine
<p>In the clinical problems mentioned in the column next to;</p> <p>be able to follow up (F) in necessary cases</p>	118-Lung tuberculosis 4-Acute kidney damage 107-Acute hepatitis 108- Acute rheumatic fever 8-Anaphylaxis 10-Asthma 11-Food poisoning 12-Pertussis 119-Brucellosis 120-Functional constipation in the child 121-Vitamin D deficiency 14. Dehydration 15-Iron deficiency anemia 16-Diabetes mellitus and its complications 64-diphtheria 115-Diabetic mother baby 65-Birth Trauma 17-Asphyxia at birth 18-Fetal distress at birth 66-Congenital metabolic diseases 111-Congenital structural anomalies 122-Rash rash infectious diseases 67-endocarditis 19-Enteric Fever 20-Epilepsy 21-Essential hypertension 23-Febrile convulsion 24 gastroenteritis 123-Gastrointestinal system parasitoses 70-hemoglobinopathies 78-Intrauterine growth retardation 79-Intrauterine infections 80-Irritable bowel disease 29-Vitamin K deficiency 125 Mumps 31-Heart failure 81-Blood conflicts 82- Bleeding profile (hemophilia, thrombocytopenia, etc.) 33-Crimea - Congo hemorrhagic fever 85-Cystic fibrosis 126-Congenital hypothyroidism 89-Chromosome diseases (frequent display) 35-Chronic kidney disease 91-Chronic hepatitis 127-Malnutrition 128-Megaloblastic anemia 37-Meningococcal diseases 39-migraine 129-moniliasis 130-Water Foam Sprinklers 131-otitis media

	132-Pneumonia 116-prematurity 43-For liquid and electrolyte balance 46-Tetanus 133-Urinary system infections 47-Urticaria and angioedema 134-Upper respiratory tract infections 117-Newborn jaundice 135- Conjunctivitis in Newborn 51-Convulsion in newborn 106-Metabolic disorders in newborn 56-Poisoning
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C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Pediatrics period.

PEDIATRICS CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	1. Ability to perform lumbar puncture
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	2. Newborn vitalization 3. To be able to measure and evaluate bleeding time
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	4. Head - neck and ENT examination 5. To be able to follow the growth and development in children (percentile curves, Tanner rating) 6. Neurological examination 7. Capturing and evaluating ECG 8. To be able to make and evaluate peripheral smear 9. To interpret the results of screening and diagnostic purposes 10. Measurement and evaluation of transcutaneous bilirubin 11. "Airway" application 12. To be able to take care of the baby after birth 13. Intubation 14. Ability to remove the foreign body in the airway with the appropriate maneuver 15. Ability to insert urinary catheter 16. Being able to take samples for culture 17. Enema making 18. Being able to wash the stomach 19. Minimal status examination 20. To be able to apply nasogastric catheter 21. To be able to apply PPD test 22. To be able to take measures to prevent healthcare related infections
Skills specified in the adjacent column;	23. General and Problem Based History 24. Being able to evaluate your mental state

<p>Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application</p> <p>(LEARNING LEVEL 4)</p>	<ol style="list-style-type: none"> 25. Anthropometric Measurements 26. Abdominal Examination 27. Child and Newborn Examination 28. Skin Inspection 29. General Status and Evaluation of Vital Signs 30. Cardiovascular System Examination 31. Respiratory System Examination 32. Preparing the Patient File 33. Providing Decontamination, Disinfection, Sterilization, Antisepsis 34. Measuring and Evaluating Blood Sugar by Measuring Sugar 35. Rational Drug Use 36. Hand Wash 37. Evaluation of Glasgow Coma Scale 38. Giving the Patient a Coma Position 39. Measuring Blood Pressure 40. Capillary Blood Sample Ability 41. Oxygen and Nebul - Inhaler Treatment Can Be Applied 42. Applying Cervical Collar (Neck Collar) 43. Ability to Provide Proper Protection and Transport for Cold Chain 44. Providing Basic Life Support 45. Heel Blood Collection 46. Execution of Vaccination Services 47. Teaching the Right Breastfeeding Methods 48. Consciousness Evaluation 49. Ability to Apply Defibrillation 50. To be able to apply and evaluate Pulse Oximeter 51. Complete urine analysis (including microscopic examination) and evaluate 52. Newborn metabolic and endocrine disease screening program
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D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Pediatrics clerkship period

PEDIATRICS CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	<ol style="list-style-type: none"> 25. Health situations <ol style="list-style-type: none"> a. Nutrition h. Maternal and child health l. immunization

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Pediatrics clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE PEDIATRICS CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. Patient rights, physician responsibility, patient-physician relationship. 5. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 6. Work culture in coordination with other members of the team and disciplines 7. Being able to share their knowledge and professional experience with other members of the team,

4. PEDIATRICS CLERKSHIP - WEEKLY COURSE PROGRAM

PEDIATRICS CLERKSHIP PROGRAM SESSION IV - WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
	I. Week		
Monday	Information About Internship and Ethical and Professional Values in Clinical Practice	08.30-09.30	Zerrin ORBAK, MD,Proff.
	Medical history and vital findings	09.30-10.15	Cahit KARAKELLEOĞLU,MD,Proff.
	Head and neck diseases	10.30-12.00	Mustafa KARA MD,Assist.Proff.
	Well-child visits	13.30-14.15	Handan ALP,MD,Proff.
	Respiratory System Assessment	14.30-15.15	H.DÖNERAY,MD,Proff.
	Practical course of basic medical practice-1 <ul style="list-style-type: none"> • Respiratory system examination • Monitor growth and development in children (percentile, Tanner) • Making a PPD test 	15.30-16.15	H.DÖNERAY,MD,Proff.
	Independent Working Hour	16.15-17.00	
Tuesday	Communication with pediatric patients and their relatives	08.00-09.00	Zerrin ORBAK, MD,Proff.
	Visit	09.00-10.30	Teaching Staff
	Case-Based Learning (CBL) Session 1	10.30-12.00	Teaching Staff
	Pneumonia	13.30-14.15	Handan ALP,MD,Proff.
	Skin and lymph node Assessment	14.30-15.15	Mustafa KARA MD,Assist.Proff.
	Practical course of basic medical practice -2 <ul style="list-style-type: none"> • Head and neck- Skin and lymph node examination • Measurement of transcutaneous bilirubin • Heel Blood • breastfeeding technique 	15.30-16.15	Mustafa KARA MD,Assist.Proff.
	Independent Working Hour	16.15-17.00	
Wednesda y	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Upper Respiratory Tract Infections	10.30-12.00	Naci CEVIZ,MD,Proff.
	Elective / Freelance Work	13.30-17.00	
Thursday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Obstructive Airway Diseases, Croup syndromes	10.30-12.00	Handan ALP,MD,Proff.
	Neurologic system Assessment	13.30-15.15	Hüseyin TAN,MD,Proff.
	Practical course of basic medical practice -4 <ul style="list-style-type: none"> • Neurologic system examination • Consciousness and mental state assessment • GKS Assesment 	15.30-16.15	Hüseyin TAN,MD,Proff.
	Independent Working Hour	16.15-17.00	
Friday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Rash-causing diseases	10.30-12.00	Cahit KARAKELLEOĞLU,MD,Proff.

	Arrhythmias	13.30-14.15	Naci CEVIZ,MD,Proff.
	Gastrointestinal System Assessment	14.30-15.15	Cahit KARAKELLEOĞLU,MD,Proff.
	Practical course of basic medical practice -5 <ul style="list-style-type: none"> Gastrointestinal system examination Enema application Wash the stomach Nazogastric catheter application 	15.30-16.15	Halil Keskin,MD,Assist.Proff
	Independent Working Hour	16.15-17.00	
	II. Week		
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Rickets	10.30-12.00	Zerrin ORBAK, MD,Proff.
	Newborn	13.30-14.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Cardiovascular System Assessment	14.30-15.15	Naci CEVIZ,MD,Proff.
	Practical course of basic medical practice -6 <ul style="list-style-type: none"> Cardiovascular System Examination ECG shooting and evaluation Defibrillation application 	15.30-16.15	Naci CEVIZ,MD,Proff.
	Independent Working Hour	16.15-17.00	
Tuesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Case-Based Learning (CBL) Session 2	10.30-12.00	Teaching Staff
	NRP(Newborn resuscitation)	13.30-15.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Practical course of basic medical practice -7 <ul style="list-style-type: none"> Examination of newborn Postnatal baby care Application and evaluation of pulse oximetry Newborn resuscitation 	15.30-16.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Independent Working Hour	16.15-17.00	
	Wednesd ay	Clinical studies in service	08.00-09.00
Visit		09.00-10.30	Teaching Staff
Acute Glomerulonephritis		10.30-12.00	Celalettin KOŞAN,MD, MD,Proff.
Elective / Freelance Work		13.30-17.00	
Thursday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Diabetes Mellitus	10.30-12.00	Zerrin ORBAK, MD,Proff.
	DIC+ Oncologic Emergencies	13.30-14.15	Zuhal K. YILDIRIM,MD,Proff.
	Practical course of basic medical practice -9 <ul style="list-style-type: none"> Measurement and evaluation of bleeding time Capillary blood samples Peripheral smear evaluation 	14.30-15.15	Zuhal K. YILDIRIM,MD,Proff.
	A.Bronchiolitis and wheezy child	15.30-16.15	Handan ALP,MD,Proff.
	Independent Working Hour	16.15-17.00	
	Friday	Clinical studies in service	08.00-09.00
Visit		09.00-10.30	Teaching Staff
Salmonellosis –Shigellosis-Brucellosis		10.30-12.00	Cahit KARAKELLEOĞLU,MD,Proff.
Urinary infections		13.30-15.15	Celalettin KOŞAN,MD, MD,Proff.
Practical course of basic medical practice-10 <ul style="list-style-type: none"> Urinary catheterization Blood pressure measurement 		15.30-16.15	M.Akif Güler. MD,Assist.Proff
Independent Working Hour		16.15-17.00	
	III. Week		
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.00	Teaching Staff
	Ethical Children's Rights	10.00-12.00	Ahmet Nezi KÖK,MD,Proff.
	Short Stature	13.30-15.15	Zerrin ORBAK, MD,Proff.
	Practical course of basic medical practice -11 <ul style="list-style-type: none"> Anthropometric measurements blood glucose measurement and evaluation Evaluating screening results 	15.30-16.15	Zerrin ORBAK, MD,Proff.
	Independent Working Hour	16.15-17.00	
Tuesday	Clinical studies in service	08.00-09.00	

	Visit	09.00-10.30	Teaching Staff
	Case-Based Learning (CBL) Session 3	10.30-12.00	Teaching Staff
	Otitis - mumps	13.30-15.15	M.Akif Güler. MD,Assist.Proff
	Practical course of basic medical practice -12 <ul style="list-style-type: none"> Decontamination, disinfection, sterilization, antiseptis take measures to prevent infections Sampling for culture Hand washing 	15.30-16.15	M.Akif Güler. MD,Assist.Proff
	Independent Working Hour	16.15-17.00	
Wednesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Breastfeeding and nutrition	10.30-12.00	Zerrin ORBAK, MD,Proff.
	Elective / Freelance Work	13.30-17.00	
Thursday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Sepsis- shock	10.30-12.00	Halil Keskin,MD,Assist.Proff
	Epilepsia	13.30-15.15	Hüseyin TAN,MD,Proff.
	Kawasaki disease	15.30-16.15	Naci CEVİZ,MD,Proff.
	Independent Working Hour	16.15-17.00	
Friday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Acute Kidney Failure	10.30-12.00	M.Akif Güler. MD,Assist.Proff
	Cystic Fibrosis	13.30-14.15	Handan ALP,MD,Proff.
	Crimean Congo Hemorrhagic Fever	14.30-15.15	M.Akif Güler. MD,Assist.Proff
	Independent Working Hour	15.30-17.00	
IV. Week			
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Convulsions	10.30-12.00	Hüseyin TAN,MD,Proff.
	Pubertal disorders	13.30-15.15	H.DÖNERAY,MD,Proff.
	Practical course of basic medical practice -3 <ul style="list-style-type: none"> Evaluate vital signs Preparing a patient file lumbar puncture 	15.30-16.15	Cahit KARAKELLEOĞLU,MD,Proff.
	Independent Working Hour	16.15-17.00	
Tuesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Case-Based Learning (CBL) Session 1	10.30-12.00	Teaching Staff
	Acute rheumatic fever	13.30-15.15	Fuat LALOĞLU MD, Assist. Proff
	Intrauterine infections	15.30-16.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Independent Working Hour	16.15-17.00	
Wednesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Asthma	10.30-12.00	Handan ALP,MD,Proff.
	Elective / Freelance Work	13.30-17.00	
Thursday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Anemia in children	10.30-12.00	Zuhal K. YILDIRIM,MD,Proff.
	Intrauterine growth reterdation, properties of prematur	13.30-15.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Necrotizan enterocolite	15.30-16.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Independent Working Hour	16.15-17.00	
Friday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Diphtheria-tetanus-Pertusis	10.30-12.00	M.Akif Güler. MD, Assist. Proff
	Neonatal sepsis and meningitis	13.30-15.15	Mustafa KARA MD,Assist.Proff.
	Cerebral palsy	15.30-16.15	Hüseyin TAN,MD,Proff.
	Independent Working Hour	16.15-17.00	
V. Week			
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff

	Solid tumours	10.30-12.00	Zuhal K. YILDIRIM,MD,Proff.	
	Infant of diabetic mother	13.30-15.15	H.DÖNERAY,MD,Proff.	
	Encephalitis	15.30-16.15	Hüseyin TAN,MD,Proff.	
	Independent Working Hour	16.15-17.00		
Tuesday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Case-Based Learning (CBL) Session 2	10.30-12.00	Teaching Staff	
	Neonatal convulsions	13.30-15.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.	
	Anaphylaxis	15.30-16.15	Halil Keskin,MD,Assist.Proff	
	Independent Working Hour	16.15-17.00		
Wednesday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Respiratory disorders in the newborn	10.30-12.00	Mustafa KARA MD,Assist.Proff.	
	Elective / Freelance Work	13.30-17.00		
Thursday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Hemorrhagic diathesis and hemophilia	10.30-12.00	Zuhal K. YILDIRIM,MD,Proff.	
	Fluid and electrolyte regulation, acid-base imbalance	13.30-15.15	Zerrin ORBAK, MD,Proff.	
	Celiac Disease	15.30-16.15	Zuhal K. YILDIRIM,MD,Proff.	
	Independent Working Hour	16.15-17.00		
Friday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Neonatal hyperbilirubinemias	10.30-12.00	Mustafa KARA MD,Assist.Proff.	
	Acute Diarrhea, Dehydration	13.30-15.15	M.Akif Güler. MD,Assist.Proff	
	Lymphoma	15.30-16.15	Zuhal K. YILDIRIM,MD,Proff.	
	Independent Working Hour	16.15-17.00		
VI. Week				
Monday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Newborn Emergency and Metabolic Problems	10.30-12.00	Mustafa KARA MD,Assist.Proff.	
	Connective tissue diseases	13.30-15.15	Celalettin KOŞAN,MD, MD,Proff.	
	Evaluation of growth and examination for adolescences	15.30-16.15	H.DÖNERAY,MD,Proff.	
	Independent Working Hour	16.15-17.00		
Tuesday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Case-Based Learning (CBL) Session 3	10.30-12.00	Teaching Staff	
	Malnutrition	13.30-15.15	H.DÖNERAY,MD,Proff.	
	Intoxication	15.30-17.15	Halil Keskin,MD,Assist.Proff	
	Independent Working Hour	16.15-17.00		
Wednesday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Perinatal asphyxia	10.30-12.00	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.	
	Elective / Freelance Work	13.30-17.00		
Thursday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Nephrotic syndromes	10.30-12.00	Celalettin KOŞAN,MD, MD,Proff.	
	Heart failure	13.30-15.15	Naci CEVİZ,MD,Proff.	
	Practical course of basic medical practice -8 <ul style="list-style-type: none"> • "Airway" Application • Intubation Application • Give the patient a coma position • Removing the foreign body in the airway with the proper maneuver • Cervical collar application • Basic Life Support 	15.30-16.15	Halil Keskin,MD,Assist.Proff	
	Independent Working Hour	16.15-17.00		
Friday	Clinical studies in service	08.00-09.00		
	Visit	09.00-10.30	Teaching Staff	
	Genetic Disorders	10.30-12.00	Cahit KARAKELLEOĞLU,MD,Proff.	
	Familial Mediterranean fever(FMF)	13.30-15.15	Handan ALP,MD,Proff.	
	Kardiyo Pulmoner Arrest	15.30-16.15	Halil Keskin,MD,Assist.Proff	

	Independent Working Hour	16.15-17.00	
	VII. Week		
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Adrenal Gland disorders	10.30-12.00	Zerrin ORBAK, MD,Proff.
	Hepatitis and Hepatic Coma	13.30-15.15	Cahit KARAKELLEOĞLU,MD,Proff.
	Using antibiotics wisely	15.30-16.15	Halil Keskin,MD,Assist.Proff
	Independent Working Hour	16.15-17.00	
Tuesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Case-Based Learning (CBL) Session 3	10.30-12.00	Teaching Staff
	Newborn Anomalies	13.30-15.15	Mustafa KARA MD,Assist.Proff.
	Practical course of basic medical practice -13 <ul style="list-style-type: none"> • Application of oxygen and nebulous inhaler therapy • Cold chain transportation. • Immunization Application 	15.30-16.15	Handan ALP,MD,Proff.
	Independent Working Hour	16.15-17.00	
Wednesday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Birth trauma	10.30-12.00	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Elective / Freelance Work	13.30-17.00	
Thursday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Chronic Kidney Disease	10.30-12.00	M.Akif Güler. MD,Assist.Proff
	Congenital Heart Disease	13.30-15.15	Fuat LALOĞLU MD, Assist. Proff
	Immunization-2	15.30-17.15	Handan ALP,MD,Proff.
	Independent Working Hour	16.15-17.00	
Friday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.30	Teaching Staff
	Vasculitis-Henoch- Schönlein Purpura	10.30-12.00	Handan ALP,MD,Proff.
	Guillain-Barré syndrome and poliomyelitis	13.30-14.15	Hüseyin TAN,MD,Proff.
	Headache- migraine	14.30-15.15	Hüseyin TAN,MD,Proff.
	Coma	13.30-14.15	Hüseyin TAN,MD,Proff.
	Independent Working Hour	16.15-17.00	
	VIII. Week		
Monday	Clinical studies in service	08.00-09.00	
	Visit	09.00-10.00	Teaching Staff
	Carditis	10.00-10.45	Fuat LALOĞLU MD, Assist. Proff
	Leukemia	11.00-12.00	Zuhal K. YILDIRIM,MD,Proff.
	Premature Infant	13.30-14.15	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.
	Menengitis, Meningococemia	14.30-16.15	Cahit KARAKELLEOĞLU,MD,Proff.
		Independent Working Hour	16.15-17.00
Tuesday	Clinical studies in service	08.00-09.00	
	Immunization-1	10.30-12.00	Handan ALP,MD,Proff.
	Parasitosis	13.30-15.15	Cahit KARAKELLEOĞLU,MD,Proff.
	Hypertension	15.30-16.15	Celalettin KOŞAN, MD,Proff.
	Independent Working Hour	16.15-17.00	
Wednesday	Clinical studies in service	08.00-09.00	
	Chronic diarrhea, Cow's milk allergy	09.00-10,30	Fuat LALOĞLU MD, Assist. Proff
	Tuberculosis	10.30-12.00	H.DÖNERAY,MD, Proff.
	Common metabolic diseases	13.30-15.15	Zerrin ORBAK, MD, Proff.
Thursday	Exam (Physical examination and oral examination)	09.00	
Friday	Test examination	09.00	
	Post-internship feedback meeting	15.30	

5. MATCHING PEDIATRICS CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING PEDIATRICS CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical Problem	Basic Medical Practices	Behavioral, Social and Humanities
PED001	Information about internship and ethical and professional values in clinical practice	Zerrin ORBAK, MD, Proff.	1					
PED002	Post-internship feedback meeting	Zerrin ORBAK, MD, Proff	1					
PED003	Diabetes Mellitus	Zerrin ORBAK, MD, Proff.	2		2, 41, 65 79, 80	9, 16, 27		
PED004	Height Shortenings	Zerrin ORBAK, MD, Proff	2		19	74, 75, 124		
PED005	Common Metabolic Diseases	Zerrin ORBAK, MD, Proff.	2		16, 36, 45, 53, 60, 67	66		
PED006	Liquid-Electrolyte and Acid-Base Balance	Zerrin ORBAK, MD, Proff	2		1, 2, 13, 41, 53, 79, 80	1, 9, 16, 43, 63		
PED007	Rickets	Zerrin ORBAK, MD, Proff.	2		34, 39, 53, 61, 90, 91	75, 121		
PED008	Adrenal Diseases	Zerrin ORBAK, MD, Proff	2		10, 13, 16, 41, 48	1, 43, 60, 87		
PED009	Asthma	Handan ALP, MD, Proff	2		1, 28, 74, 87	10, 44		
PED010	Immunization	Handan ALP, MD, Proff	4			124	46	25-l
PED011	Familial Mediterranean Fever (FMF)	Handan ALP, MD, Proff	2		3, 10, 31, 32, 52, 58	59, 109		
PED012	Pneumonia	Handan ALP, MD, Proff	1		1, 4, 10, 28, 46, 74, 87, 93	44, 97, 132		
PED013	Acute Bronchiolitis and Wheezing Child	Handan ALP, MD, Proff	1		1, 9, 10, 28, 46, 74, 87, 92	13, 44		
PED014	Obstructive Respiratory Diseases (Croup Syndrome)	Handan ALP, MD, Proff	2		1, 9, 10, 74, 86, 89, 92	36		
PED015	Vasculitis-Henoch Shönlein Purpura	Handan ALP, MD, Proff	2		8, 10, 16, 31, 32, 36, 41, 43, 58, 78	109, 112		
PED016	Healthy Child Monitoring	Handan ALP, MD, Proff	1		34, 67	124		25-a,h
PED017	Anamnesis and Vital Findings	Cahit KARAKELLEOĞLU, MD, Proff.	1		4, 34, 36, 37, 52, 53, 93, 94	15, 45		
PED018	Meningitis-Meningococemia	Cahit KARAKELLEOĞLU, MD,Proff.	2		9, 10, 12, 13, 16, 53	1, 37, 38		
PED019	Salmonella- Shigella-Brucellosis	Cahit KARAKELLEOĞLU, MD,Proff.	2		10, 16, 29, 31, 32 41, 52, 58, 61	19, 24, 119		
PED020	Parasites	Cahit KARAKELLEOĞLU, MD,Proff.	2		16, 27, 41, 42, 58, 65, 66	123		
PED021	Genetic Diseases	Cahit KARAKELLEOĞLU, MD, Proff.	2		53, 67	89		
PED022	Hepatitis and Hepatic Coma	Cahit KARAKELLEOĞLU, MD,Proff.	2		10, 13, 16, 18, 41, 57, 58, 84	26, 91, 107		

PED023	Rash Diseases	Cahit KARAKELLEOĞLU, MD, Proff.	2		3, 10, 14, 18, 24, 25, 36, 41	122		
PED024	Congenital Heart Diseases	Fuat LALOĞLU MD, Assist. Proff	2		22, 28, 33, 47, 48, 56, 85, 87	30, 31, 88, 99		
PED025	Carditis	Fuat LALOĞLU MD, Assist. Proff	1		28, 38, 41, 56,	30, 31, 67, 95, 96		
PED026	Kawasaki	Naci CEVIZ, MD, Proff.	1		10, 24, 63, 70	105		
PED027	Acute Rheumatic Fever	Fuat LALOĞLU MD, Assist. Proff	1		10, 28, 31, 32, 52	30, 31, 108		
PED028	Arrhythmias	Naci CEVIZ, MD, Proff.	1		20, 28, 38, 85	30, 31		
PED029	Upper respiratory infections	Naci CEVIZ, MD, Proff.	2		10, 14, 74, 94	36, 134		
PED030	Cardiovascular system examination	Naci CEVIZ, MD, Proff.	1		28, 22, 31, 32, 33, 38, 39, 56, 87	30, 31, 45, 67, 95, 99		
PED031	Heart failure	Naci CEVIZ, MD, Proff.	2		20, 28, 33, 38, 41, 45, 46, 47, 48, 73, 74, 87	30, 31, 45, 67, 95		
PED032	Acute Glomerulonephritis	Celalettin KOŞAN, MD, Proff.	2		4, 6, 8, 10, 12, 13, 16, 36, 41, 43, 49, 58, 64, 73, 93	4, 5,		
PED033	Acute Renal Insufficiency	M.Akif Güler. MD, Assist. Proff	2		8, 13, 16, 24, 28, 29, 36, 41, 49, 58, 66, 78, 79, 80, 93	2, 4		
PED034	Chronic Renal Insufficiency	M.Akif Güler. MD, Assist. Proff	2		4, 6, 8, 13, 19, 41, 43, 49, 58, 79, 80, 90, 93	2, 9, 15, 35, 90		
PED035	Hypertension	Celalettin KOŞAN, MD, Proff.	1		11, 12, 13, 20, 49, 53, 58, 85	21, 90, 100		
PED036	Nephrotic Syndromes	Celalettin KOŞAN, MD, Proff.	2		37, 64, 73	2, 110, 114		
PED037	Urinary Infections	Celalettin KOŞAN, MD, Proff.	2		4, 16, 30, 35, 36, 43, 51, 55, 58, 66, 81, 93	133		
PED038	Collagen Tissue Diseases	Celalettin KOŞAN, MD, Proff.	2		4, 31, 32, 52	102, 103, 104, 105, 109		
PED039	Respiratory System Examination	H.DÖNERAY, MD, Proff.	1		1, 17, 38, 44, 46, 74, 86, 87, 94	2, 10, 36, 41, 44		
PED040	Puberty Disorders	H.DÖNERAY, MD, Proff.	2		5, 19, 50, 54, 82	54, 124		
PED041	Diabetic Mother Baby	H.DÖNERAY, MD, Proff.	2		13, 64	16, 27, 115		
PED042	Tuberculosis	H.DÖNERAY, MD, Proff.	2		10, 41, 44, 74	97, 118		
PED043	Malnutrition	H.DÖNERAY, MD, Proff.	2		6, 19, 25, 29, 49, 61, 65, 73	15, 94, 127		
PED044	Growth Assessment and Adolescent Examination	H.DÖNERAY, MD, Proff.	1		5, 6, 19, 34, 41, 65, 67	124		
PED045	Nervous System	Hüseyin TAN, MD,	2		11, 12, 4,	20, 22,		

	Examination	Prof.			21, 23, 34, 40, 53, 60, 91	38, 58, 73, 76, 83, 113		
PED046	Gullian Barre Syndrome-Poliomyelitis	Hüseyin TAN,MD,Prof.	1		41, 51, 60, 61, 75, 76, 94	69		
PED047	Encephalitis	Hüseyin TAN,MD,Prof.	1		10, 41, 53, 60	38		
PED048	Headache- Migraine	Hüseyin TAN,MD,Prof.	1		11, 12, 13, 16, 21, 52	39		
PED049	Convulsions	Hüseyin TAN,MD,Prof.	2		13, 53	23, 38		
PED050	Coma	Hüseyin TAN,MD,Prof.	1		1, 13, 21, 23, 53	28, 34, 73		
PED051	Cerebral Palsy	Hüseyin TAN,MD,Prof.	1		23, 32, 34, 53, 55, 67, 72,	20, 101		
PED052	Epilepsy	Hüseyin TAN,MD,Prof.	2		11, 112, 13, 40,	20, 113		
PED053	Childhood Anemia	Zuhal K. YILDIRIM, MD,Prof.	3		6, 25, 41, 45, 88	15, 57, 70, 71, 128		
PED054	Childhood Solid Tumors	Zuhal K. YILDIRIM, MD,Prof.	2		15, 37, 43, 45, 47, 59, 62, 65, 70, 77, 88	61, 84		
PED055	lymphomas	Zuhal K. YILDIRIM, MD,Prof.	1		37, 45, 59, 65, 70, 88	92		
PED056	Oncological Emergencies-DIK	Zuhal K. YILDIRIM, MD,Prof.	1		10, 16, 57, 78	40, 49		
PED057	Bleeding diathesis - hemophilia	Zuhal K. YILDIRIM, MD,Prof.	2		18, 31, 32, 57, 78,	29, 82,		
PED058	Leukemia	Zuhal K. YILDIRIM, MD,Prof.	1		4, 41, 45, 57, 65, 70, 78,	93		
PED059	Newborn Examination	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	1		2, 19, 24, 33, 69	17, 42, 50, 76, 126, 128, 135		
PED060	Perinatal Asphyxia	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	2		1, 13, 33, 34, 53, 67, 87,	17, 18, 76		
PED061	Preterm Baby's Monitoring	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	1		1, 9, 34, 49, 53	116		
PED062	Intrauterine Infections	K.Ş. TEKGÜNDÜZ,MD, Assoc.Proff.	1		1, 10, 13, 33, 78	79		
PED063	Intrauterine growth retardation and Premature Features	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	2		6, 19, 49	78		
PED064	NRP	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	2		1, 9	17, 18, 54		
PED065	Newborn Convulsions	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	2		1, 53	29, 51, 55		
PED066	Birth Trauma	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	2		1, 33, 13, 48, 53, 78	28, 65		
PED067	NEC	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.	1		9, 37, 42	52		
PED068	Evaluation of the Gastrointestinal System	Cahit KARAKELLEOĞLU, MD, Proff	1		7, 26, 37, 45, 52, 55, 58, 59, 66, 71, 84, 88, 92	3, 6, 11, 14, 19, 25, 48, 68, 80, 86, 98, 110, 120		

PED069	Celiac Disease	Zuhal K. YILDIRIM, MD, Proff.	1		29, 37, 52, 55, 65, 19	24, 29, 94		
PED070	Chronic Diarrhea - Cow's Milk Allergy	Fuat LALOĞLU MD, Assist. Proff	2		29, 37, 42, 52, 65	24, 29, 68, 77, 80, 94		
PED071	Cystic fibrosis	Handan ALP, MD, Proff.	1		65, 29, 19, 74	9, 85, 94		
PED072	Breastfeeding and Nutrition	Zerrin ORBAK, MD, Proff.	2		19, 64, 65,	24, 66		
PED073	Head and Neck Examination	Mustafa KARA MD, Assist.Proff.	1		15, 17, 18, 68, 72, 83, 94	126		
PED074	Skin and Lymph Node Examination	Mustafa KARA MD, Assist.Proff.	1		22, 24, 25, 70, 78,	14		
PED075	Newborn Anomalies	Mustafa KARA MD, Assist.Proff.	2		16, 33, 34, 74, 87	25, 50, 63, 111		
PED076	Emergencies and Metabolic Problems of Newborn	Mustafa KARA MD, Assist.Proff.	2		1, 9, 10, 33, 37, 48, 49, 53, 55, 60, 90	9, 14, 27, 43, 55, 63, 106, 115, 124, 126		
PED077	Sepsis and Meningitis in the Newborn	Mustafa KARA MD, Assist. Proff.	2		9, 10, 33, 48, 49, 53	38, 42, 53		
PED078	Newborn Respiratory Problems	Mustafa KARA MD, Assist.Proff.	2		1, 87, 28	17, 41, 44, 54, 63, 99		
PED079	Newborn Jaundice	Mustafa KARA MD, Assist.Proff.	2		6, 9, 13, 33, 84	81, 117		
PED080	Rational Antibiotic Use	Halil Keskin, MD, Assist.Proff	1				35	
PED081	Cardio Pulmonary Arrest	Halil Keskin, MD, Assist. Proff	1		1, 53	32		
PED082	Acute Gastroenteritis - Dehydration	M.Akif Güler. MD, Assist.Proff	1		10, 13, 16, 29, 41, 58	4, 9, 14, 24, 43, 45, 72		
PED083	Anaphylaxis	M.Akif Güler. MD, Assist.Proff	1		1, 16, 48, 89, 94	7, 8, 36, 45, 47		
PED084	Poisoning	M.Akif Güler. MD, Assist.Proff	2		11, 16, 17, 20, 21, 23	11, 56		
PED085	Shock-sepsis	M.Akif Güler. MD, Assist.Proff	2		9, 10, 13, 33, 41, 48, 49	1, 2, 7, 8, 9, 14, 42, 43, 45		
PED086	Diphtheria-tetanus-Pertusis	M.Akif Güler. MD, Assist.Proff	2		1, 3, 9, 33, 74, 87, 10, 14, 15, 16, 75, 86, 90, 94	12, 46, 64		
PED087	Otitis-Mumps	M.Akif Güler. MD, Assist.Proff	1		10, 15, 68	125, 130, 131		
PED088	Crimean Congo Hemorrhagic Fever	M.Akif Güler. MD, Assist.Proff	1		10, 12, 13, 60, 78	33, 42, 43, 45, 49		
PED089	Anthropometric measurements, To be able to measure and evaluate blood glucose with glucometer. To be able to interpret the results of screening and diagnostic purposes	Zerrin ORBAK, MD, Proff.		1			9, 25, 34	
PED090	To be able to provide decontamination, disinfection, sterilization,	M.Akif Güler. MD, Assist. Proff		1			16, 22, 33, 36	

	antisepsis. To be able to take measures to prevent healthcare related infections. Taking samples for culture, Hand washing							
PED091	Neurological Examination. Consciousness and Mental status, GKS assessment	Hüseyin TAN, MD, Proff.		1			6, 19, 24, 37, 48,	
PED092	Evaluation of vital signs. To be able to take a general and problematic history, to prepare a patient file. Lumbar puncture	Cahit KARAKELLEOĞLU, MD, Proff		1			29, 32, 1, 23,	
PED093	To be able to apply oxygen and nebul - inhaler treatment. To provide proper protection and transportation to the cold chain. To be able to carry out immunization services.	Handan ALP, MD, Proff.		1			41, 43, 46	
PED094	Urinary catheter insertion. Blood pressure measurement, Full urine analysis (including microscopic examination) and evaluation	M.Akif Güler. MD, Assist. Proff		1			15, 39, 51	
PED095	Head - neck, ENT, Skin examination. Measuring and evaluating transcutaneous bilib. Being able to take heel blood. Teaching correct breastfeeding methods. Newborn metabolic and endocrine disease screening program	Mustafa KARA MD, Assist. Proff.		1			4, 10, 28, 45, 47, 52	
PED096	GIS Inspection. Enema. To be able to wash the stomach. To be able to apply nasogastric catheter	Halil Keskin, MD, Assist. Proff		1			17, 18, 20, 26	
PED097	Cardiovascular system examination. Ability to draw and evaluate ECG. Apply defibrillation.	Naci CEVİZ, MD, Proff.		1			7, 30, 49	
PED098	Child and newborn examination. Ability to care for babies after birth. To be able to apply pulse oximeter and evaluate.	K.Ş. TEKGÜNDÜZ, MD, Assoc.Proff.		1			2, 12, 27, 50	
PED099	Respiratory system examination Monitor growth and development in children (percentile, Tanner). Making a PPD test	H.DÖNERAY, MD, Proff.		1			5, 21, 31	
PED0100	To be able to measure and evaluate bleeding time. Capillary blood sample can be taken. To be able to make and evaluate peripheral smear	Zuhal K. YILDIRIM, MD, Proff.		1			3, 8, 40,	
PED101	"Airway" application. To be able to intubate. To be able to give a coma position to the patient. To be able to remove the foreign body on	Halil Keskin, MD, Assist. Proff		1			11, 13, 14, 38, 42, 44	

the airway with appropriate maneuver. To apply cervical collar (neck collar). To provide basic life support.								
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6. LEARNING METHODS OF PEDIATRICS CLERKSHIP PROGRAM

LEARNING METHODS OF PEDIATRICS CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Interdisciplinary learning activities (meetings, panels, forums, group discussions) • Critical situation discussions • Written visual texts readings and interpretations • On-the-job learning and assessment (MiniPET)

7. “STUDENT TRAINEE REPORT” FOR PEDIATRICS CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV PEDIATRICS CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....		Date:...../...../.....	
Student Number:			
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic stories	4	1*	
To evaluate the mental status	4	1	
B. Physical Examination (General and Problem-Oriented)			
Anthropometric measurements	4	1*	
Head - neck and EAR-NOSE-THROAT examination	3	1	
Abdominal examination	4	1	
Consciousness assessment and mental state examination	4	1	
Child and newborn examination	4	1	
Skin examination	4	1	
Evaluation of general condition and vital signs	4	1	
Cardiovascular system examination	4	1	
Neurological examination	3	1	
Respiratory system examination	4	1	
C. Registration, Reporting and Notification			
To prepare patient file	4	1	
D. Laboratory Tests and Other Related Processes			
To be able to provide decontamination, disinfection, sterilization, antisepsis	4	1	
Capturing and evaluating ECG	3	1*	
To be able to measure and evaluate blood glucose with glucometer	4	1*	
To measure and evaluate bleeding time	2	1*	
To be able to make and evaluate peripheral smear	3	1*	
To be able to interpret the results of screening and diagnostic purposes	3	1*	
Measuring and evaluating transcutaneous bilib	3	1*	
Full urine analysis (including microscopic examination) and evaluate	3	1*	
E. Interventional and Non-Interventional Applications			
"Airway" application	3	1*	
Using medicine with care	4	1	
Ability to monitor growth and development in children (percentile curves, Tanner rating)	3	1	
Ability to apply defibrillation	4	1*	
To be able to take care of the baby after birth	3	1	
Hand washing	4	1	
Intubation	3	1*	
Evaluation of Glasgow coma scale	4	1	
To be able to give the patient a coma position	4	1	
Ability to remove the foreign body in the airway with the appropriate maneuver	3	1*	
Urinary catheter insertion	4	1	

Being able to measure blood pressure	4	1*	
Capillary blood sampling	3	1	
Being able to take samples for culture	3	1*	
Enema	1	1*	
Ability to perform lumbar puncture	3	1*	
Stomach washing	3	1*	
Minimetal status examination	3	1	
To be able to apply nasogastric catheter	3	1*	
To be able to apply oxygen and nebul - inhaler treatment	4	1	
To be able to apply PPD test	3	1*	
To be able to apply and evaluate pulse oximetry	4	1	
Being able to apply cervical collar (neck collar)	4	1*	
Providing protection and transportation suitable for cold chain	4	1	
Providing basic life support	4	1	
Ability to take heel blood	4	1*	
Newborn vitalization	2	1*	
I. Scans			
Newborn metabolic and endocrine disease screening program	4	1	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers) Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN PEDIATRICS CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN PEDIATRICS CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70%)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision)• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV GENERAL SURGERY CLERKSHIP GUIDE

Stajın Kodu	TPT-502
Staj Süresi	8 weeks

Stajın Tipi	Compulsory/Elective
AKTS	5

GENERAL SURGERY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Schwartz General Surgery Book
2.	Sabiston General Surgery Book
3.	Basic Surgery Book (Iskender Sayek)

GENERAL SURGERY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship..
4	Students are obliged to keep the "Ataturk University Faculty of Medicine Trainee Report" which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
4	Students will actively participate in lectures given by faculty members, visits, outpatient and endoscopy applications and surgeries.
5	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles"..
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. GENERAL SURGERY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE GENERAL SURGERY CLERKSHIP PROGRAM

7.	To be able to make a preliminary diagnosis and diagnosis of important, common internal diseases by considering the learning objectives specified in the core training program at the end of the General Surgery internship.
8.	To be able to perform emergency treatment by defining emergencies (such as acute abdomen, traumas, shock) for General Surgery
9.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
10.	To be able to provide referral when necessary after emergency intervention and treatment
11.	Comprehend the importance of establishing a good patient-physician and physician-physician communication and develop their skills.
12.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. GENERAL SURGERY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	4	5	2	2	3	2	2	1	2	4	2	1	1	1	1	2	1	1	1
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	1	4	4	1	1	1	2	1	3	3	4	3								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE GENERAL SURGERY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the General Surgery clerkship period

GENERAL SURGERY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Bloating in the abdomen	9	Hemoptysis	17	Weight loss
2.	Anorectal pain	10	Hepatomegaly	18	Colic pains (renal, biliary, intestinal)
3.	Fever	11	Gynecomastia	19	Accidents (Home - work - traffic accidents, electric shock, falling, drowning)
4.	Mass on the neck	12	Constipation	20	Corrosive exposure
5.	Nausea and vomiting	13	Abdominal pain	21	lymphadenopathy
6.	Pelvic Mass	14	Mass in the abdomen	22	Melena-hematemesis
7.	Breast Pain	15	Mass in the groin / scrotum	23	Breast discharge
8.	Hematoecesia / Rectal bleeding	16	Weight gain / excess	24	Mass in the breast
25.	Icterus	26.	Wounds and injuries	27	

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the "Diseases / Clinical Problems" listed below during the General Surgery clerkship period.

GENERAL SURGERY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1.Acute abdominal syndrome 2.Lower gastrointestinal bleeding 3.Acid-base balance disorders 4.Hepatic coma 5.Hypoglycemia 6.Invagination 7.Abdominal wall / Groin hernias 8.Abdominal trauma 9.Compartment syndrome 10.Oncological emergencies 11.Sepsis 12.Fluid and electrolyte (sodium, potassium, calcium, magnesium, phosphorus) balance disorders 13.Shock 14.Upper gastrointestinal bleeding 15.Trauma and injuries 16.Acute pancreatitis

	17. Appendicitis 18. Gas gangrene 19. Ileus 20. Blood and products transfusion complications 21. Common intravascular coagulation
<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	22. Cushing's disease 23. Diaphragmatic hernias 24. Pheochromocytoma 25. Gastrointestinal tract tumors 26. Gastrointestinal tract motility disorders 27. Hepatosteatorrhea 28. Hyperparathyroidism 29. Hypoparathyroidism 30. Inflammatory bowel disease 31. Irritable bowel disease 32. Liver cirrhosis 33. Cystic hydatid disease 34. Cholecystitis, cholelithiasis 35. Colorectal cancers 36. Chronic pancreatitis 37. Lymphedema 38. Malabsorption 39. Breast diseases and tumors 40. Peritonitis 41. Pyloric stenosis 42. Thyroid tumors 43. Wilson disease
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	44. Acute hepatitis 1. Acute abdomen 2. Lower gastrointestinal bleeding 45. Abdominal wall / Groin hernias 1. Compartment syndrome 46. Obesity (endogenous - exogenous) 12. Fluid and electrolyte (sodium, potassium, calcium, magnesium, phosphorus) balance disorders 14. Upper gastrointestinal bleeding 47. Perianal abscess 48. Hyperthyroidism
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	49. Anal fissure 50. Pressure sores 51. Dehydration 52. Iron deficiency anemia 53. Gastro - esophageal reflux 54. Hemorrhoids 55. Hypothyroidism 56. Peptic disease (ulcer) 57. Tuberculosis
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	44. Acute hepatitis 50. Pressure sores 51. Dehydration 52. Iron deficiency anemia 25. Cancers of the gastrointestinal tract 53. Gastro - esophageal reflux 58. Goiter 54. Hemorrhoids 31. Irritable bowel disease 32. Liver cirrhosis

	33.Cyst hydatid disease 35.Colorectal cancers 9. Compartment syndrome 39.Breast diseases and tumors 46.Obesity 56.Peptic disease (ulcer) 12.Fluid and electrolyte (sodium, potassium, calcium, magnesium, phosphorus) balance disorders 57.Tuberculosis
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C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the General Surgery clerkship period.

GENERAL SURGERY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	1. Digital rectal examination 2. To be able to read and evaluate direct radiographs 3. To open vascular access 4. Intubation 5. To be able to take a biological sample from the patient 6. IM, IV, SC, ID injection 7. Ability to insert urine catheter 8. To be able to take samples for culture 9. Enema making 10. To be able to apply nasogastric catheter 11. To be able to perform oral, rectal, vaginal and topical drug applications 12. Ability to throw and remove superficial sutures 13. To be able to provide health education to the society
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	14. To be able to take general and problematic stories 15. To be able to evaluate mental state 16. Head neck, breast and abdomen examination 17. Lighting and obtaining consent 18. To prepare epicrisis 19. To prepare patient file 20. To be able to issue a recipe 21. To be able to prepare refusal of treatment document 22. To apply the principles of working with biological material 23. To be able to provide decontamination, disinfection, sterilization, antisepsis 24. To fill the request form for laboratory examination 25. Ability to take the sample of the laboratory under suitable conditions and deliver it to the laboratory 26. Hand washing 27. To be able to apply oxygen and nebul - inhaler treatment

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the **"Behavioral, Social and Humanities"** listed below during the General Surgery clerkship period

GENERAL SURGERY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	4. Work and health interaction f. Accidents at work
	Environment and health interaction a. Healthy nutrition and food policies

	13. Accidents a. Home accidents b. Traffic accidents c. Accidents at work
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E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of General Surgery clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE GENERAL SURGERY CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,,

4. GENERAL SURGERY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION IV GENEL SURGERY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information About Internship and Ethical and Professional Values in Clinical Practice	08.00-9.00	Proff. Yavuz ALBAYRAK
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	09.00-10.00	Responsible Faculty Member
	Surgical anamnesis, physical examination and diagnostic paths	10.00-12.00	Asst. Prof. Esra DIŞÇI
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-10.00	Responsible Faculty Member
	Wound healing	10.00-12.00	Proff. S.Selçuk ATAMANALP
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Wednesday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-10.00	Responsible Faculty Member
	Surgical diseases of the colon	10.00-12.00	Proff. Yavuz ALBAYRAK
	Elective / Freelance Work	13.00-16.00	Responsible Faculty Member
Thursday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-12.00	Responsible Faculty Member
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	

Friday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-10.00	Responsible Faculty Member
	Abdominal pain, acute abdomen and peritonitis	10.00-12.00	Asst. Prof. Nurhak AKSUNGUR
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	13.00-14.00	Responsible Faculty Member
	Traumatic acute abdomen	14.00-16.00	Asst. Prof. Nurhak AKSUNGUR
	Independent Working Hour	16.15-17.00	
II. Week			
Monday	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	08.00-10.00	Responsible Faculty Member
	General information about transplation and organ transplation	10.00-12.00	Proff. Gürkan ÖZTÜRK
	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 1	08.30-09.30	Asst. Prof. Erdem KARADENİZ
	Metabolic and endocrine response to trauma	10.00-12.00	Asst. Prof. Necip ALTUNDAŞ
	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	13.00-14.00	Responsible Faculty Member
	Asepsis, antisepsis, disinfection	14.00-15.00	Asst. Prof. Esra DIŞÇI
	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	15.00-16.00	Responsible Faculty Member
Independent Working Hour	16.15-17.00		
Wednesday	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	08.00-10.00	Responsible Faculty Member
	Gastrointestinal system bleeding	10.00-12.00	Asst. Prof. Esra DIŞÇI
	Elective / Freelance Work	13.00-17.00	Responsible Faculty Member
Thursday	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	08.00-10.00	Responsible Faculty Member
	Mesenteric vascular diseases	10.00-12.00	Asst. Prof. Erdem KARADENİZ
	Case-Based Learning (CBL) Session 1	13.00-14.00	Asst. Prof. Esra DIŞÇI
	Fluid, electrolyte and acid base balance	14.00-16.00	Asst. Prof. Necip ALTUNDAŞ
	Independent Working Hour	16.15-17.00	
Friday	Group 1 (policlinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopy)	08.00-10.00	Responsible Faculty Member
	Shock and Multi Organ Failure	10.00-12.00	Asst. Prof. Salih KARA
	Case-Based Learning (CBL) Session 1	13.00-14.00	Asst. Prof. Ercan KORKUT
	Case-Based Learning (CBL) Session 1	14.00-16.00	Asst. Prof. Nurhak AKSUNGUR
	Independent Working Hour	16.15-17.00	
III. Week			
Monday	Case-Based Learning (CBL) Session 1	08.30-09.30	Asst. Prof. Necip ALTUNDAŞ
	Surgical diseases of the biliary system	10.00-12.00	Asst. Prof. Nurhak AKSUNGUR
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 1	08.30-09.30	Asst. Prof. Salih KARA
	Post-operative care	10.00-12.00	Proff. Müfide N.AKÇAY
	Nutrition in surgery	14.00-16.00	Proff. Müfide N.AKÇAY
	Independent Working Hour	16.15-17.00	
Wednesday	Case-Based Learning (CBL) Session 2	08.30-09.30	Asst. Prof. Nurhak AKSUNGUR
	Benign and malignant diseases of the anorectal region	10.00-12.00	Proff. M.İlhan YILDIRGAN
	Elective / Freelance Work	13.00-16.00	Responsible Faculty Member
Thursday	Case-Based Learning (CBL) Session 2	08.30-09.30	Asst. Prof. Esra DIŞÇI
	Stomas of gastrointestinal system	10.00-12.00	Proff. Yavuz ALBAYRAK
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Friday	Intestinal obstructions	10.00-12.00	Proff. Yavuz ALBAYRAK
	Blood transfusions	14.00-16.00	Asst. Prof. Necip ALTUNDAŞ
	Independent Working Hour	16.15-17.00	
Monday	IV. Week		

	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	08.00-10.00	Responsible Faculty Member
	Portal hypertension	10.00-12.00	Proff. Gürkan ÖZTÜRK
	Case-Based Learning (CBL) Session 2	13.30-14.30	Asst. Prof. Erdem KARADENİZ
	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	15.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 2	08.30-09.30	Asst. Prof. Ercan KORKUT
	Benign and malignant diseases of the pancreas	10.00-12.00	Asst. Prof. Ercan KORKUT
	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Wednesday	Case-Based Learning (CBL) Session 2	08.30-09.30	Asst. Prof. Necip ALTUNDAŞ
	Endocrine tumors of gastrointestinal system	10.00-12.00	Asst. Prof. Esra DIŞÇI
	Elective / Freelance Work	13.00-17.00	Responsible Faculty Member
Thursday	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	08.00-10.00	Responsible Faculty Member
	Surgical diseases of the diaphragm and reflux disease	10.00-12.00	Asst. Prof. Salih KARA
	Case-Based Learning (CBL) Session 2	14.00-16.00	Asst. Prof. Salih KARA
	Independent Working Hour	16.15-17.00	
Friday	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	08.00-10.00	Responsible Faculty Member
	Midterm exam	10.00-12.00	
	Group 1 (Service), Group 2 (endoscopy) Group 3 (operating room), Group 4 (polyclinic)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
V. Week			
Monday	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	08.00-10.00	Responsible Faculty Member
	Surgical clinical ethics practices	10.00-12.00	Proff. Ahmet Neziğ KÖK
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-14.00	Responsible Faculty Member
	Gastric cancer	14.00-16.00	Proff. Yavuz ALBAYRAK
	Independent Working Hour	16.15-17.00	
Tuesday	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	08.00-10.00	Responsible Faculty Member
	Surgical oncology	10.00-12.00	Proff. S.Selçuk ATAMANALP
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-14.00	Responsible Faculty Member
	Pilonidal sinus and surgical treatment	14.00-16.00	Asst. Prof. Ercan KORKUT
	Independent Working Hour	16.15-17.00	
Wednesday	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	08.00-10.00	Responsible Faculty Member
	Morbid obesity	10.00-12.00	Proff. Müfide N.AKÇAY
	Elective / Freelance Work	13.00-16.00	Responsible Faculty Member
Thursday	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	08.00-10.00	Responsible Faculty Member
	Laparoscopic surgery	10.00-12.00	Proff. M.Ilhan YILDIRGAN
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Friday	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	08.00-10.00	Responsible Faculty Member
	Anamnesis examination and diagnosis ways in breast diseases and surgical diseases of the breast	10.00-12.00	Proff. Müfide N.AKÇAY
	Group 1 (endoscopy), Group 2 (service) Group 3 (polyclinic), Group 4 (operating room)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
VI. Week			
Monday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-10.00	Responsible Faculty Member
	Benign diseases of the liver	10.00-12.00	Proff. Gürkan ÖZTÜRK

	Malignant diseases of the liver	14.00-16.00	Proff. Gürkan ÖZTÜRK
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 3	08.30-09.30	Asst. Prof. Erdem KARADENİZ
	General information about the anterior abdominal wall hernias and Special hernia types	10.00-12.00	Asst. Prof. Salih KARA
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Wednesday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-12.00	Responsible Faculty Member
	Elective / Freelance Work	13.00-17.00	Responsible Faculty Member
Thursday	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	08.00-10.00	Responsible Faculty Member
	Acute Appendicitis	10.00-12.00	Asst. Prof. Erdem KARADENİZ
	Case-Based Learning (CBL) Session 1	13.00-14.00	Asst. Prof. Ercan KORKUT
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	14.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Friday	Case-Based Learning (CBL) Session 1	08.30-09.30	Asst. Prof. Nurhak AKSUNGUR
	Surgical diseases and trauma of the spleen	10.00-12.00	Asst. Prof. Necip ALTUNDAŞ
	Case-Based Learning (CBL) Session 1	13.00-14.00	Asst. Prof. Esra DIŞÇI
	Group 1 (operating room), Group 2 (polyclinic) Group 3 (endoscopy), Group 4 (service)	14.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Monday	VII. Week		
	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	08.00-10.00	Responsible Faculty Member
	Definition of obstructive icterus, etiology, diagnostic routes, differential diagnosis with obstructive icterus and other icterus	10.00-12.00	Asst. Prof. Ercan KORKUT
	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 2	08.30-09.30	Asst. Prof. Necip ALTUNDAŞ
	Adrenal Diseases	10.00-12.00	Proff. Müfide N.AKÇAY
	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Wednesday	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	08.00-10.00	Responsible Faculty Member
	Infections in Surgery	10.00-12.00	Asst. Prof. Salih KARA
	Elective / Freelance Work	13.00-16.00	Responsible Faculty Member
Thursday	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	08.00-10.00	Responsible Faculty Member
	Case-Based Learning (CBL) Session 2	10.00-12.00	Asst. Prof. Salih KARA
	Case-Based Learning (CBL) Session 2	13.00-14.00	Asst. Prof. Nurhak AKSUNGUR
	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	14.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Friday	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	08.00-10.00	Responsible Faculty Member
	Anamnesis, examination, ways of diagnosis and surgical diseases of thyroid in thyroid diseases	10.00-12.00	Proff. Müfide N.AKÇAY
	Case-Based Learning (CBL) Session 4	13.00-14.00	Asst. Prof. Esra DIŞÇI
	Group 1 (polyclinic), Group 2 (operating room) Group 3 (service), Group 4 (endoscopi)	14.00-16.00	Responsible Faculty Member

	Independent Working Hour	16.15-17.00	
	VIII. Week		
Monday	Group 1 (service), Group 2 (endoscopi) Group 3 (operating room), Group 4 (polyclinic)	08.00-12.00	Responsible Faculty Member
	Group 1 (service), Group 2 (endoscopi) Group 3 (operating room), Group 4 (polyclinic)	13.00-16.00	Responsible Faculty Member
	Independent Working Hour	16.15-17.00	
Tuesday	Case-Based Learning (CBL) Session 3	08.30-09.30	Asst. Prof. Ercan KORKUT
	Case-Based Learning (CBL) Session 3	10.00-11.00	Asst. Prof. Erdem KARADENİZ
	Group 1 (service), Group 2 (endoscopi) Group 3 (operating room), Group 4 (polyclinic)	11.00-12.00	Responsible Faculty Member
	Group 1 (service), Group 2 (endoscopi) Group 3 (operating room), Group 4 (polyclinic)	13.00-14.00	Responsible Faculty Member
	Surgical disease of parathyroid.	14.00-16.00	Asst. Prof. Erdem KARADENİZ
	Independent Working Hour	16.15-17.00	
Wednesday	Case-Based Learning (CBL) Session 3	08.30-09.30	Asst. Prof. Necip ALTUNDAŞ
	Case-Based Learning (CBL) Session 3	10.00-12.00	Asst. Prof. Salih KARA
	Elective / Freelance Work	13.00-17.00	Responsible Faculty Member
Thursday	Pratice Exam		
Friday	Theoretical Exam		
	Internship feedback meeting		Proff. Yavuz ALBAYRAK

5. MATCHING GENERAL SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING GENERAL SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES							
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices
GS 001	Surgical anamnesis, physical examination and diagnostic paths		2				15
GS 002	Abdominal pain, acute abdomen and peritonitis		2		1, 13, 18	1, 19, 20	
GS 003	Traumatic acute abdomen		2		1, 13, 19	1, 10, 11	
GS 004	Surgical diseases of the colon		2		8, 17	2, 13, 24, 25, 31, 32, 33, 38, 52, 53, 64, 79, 82	
GS 005	Wound healing		2		26	62	13
GS 006	General information about transplantation and organ transplantation		2		10, 25	6, 35, 50	16, 20
GS 007	Metabolic and endocrine response to trauma		2		19	3, 5, 10, 11, 16	
GS 008	Asepsis, antisepsis, disinfection		1			14	24, 27
GS 009	Gastrointestinal system bleeding		2		8, 9, 22	2, 16, 17, 64	1, 11
GS 010	Mesenteric vascular diseases		2		1, 13	5, 14, 15, 16, 18	
GS 011	Fluid, electrolyte and acid base balance		2		5, 8, 22	2, 5, 15, 16, 17, 46, 53	
GS 012	Shock and Multi Organ Failure		2		8, 19, 22	2, 3, 4, 5, 7, 11, 15, 16, 17	
GS 013	Surgical diseases of the biliary system		2		3, 5, 18, 25	35, 37	
GS 014	Post-operative care		2				4, 7, 8, 9, 10, 11, 12, 13
GS 015	Nutrition in surgery		2			41	
GS 016	Benign and malignant diseases of the anorectal region		2		2, 8, 12, 17, 22	2, 13, 24, 43, 44, 53, 61, 67	
GS 017	Stomas of gastrointestinal system		2			13, 38, 53	

GS 018	Intestinal obstructions		2		1, 5, 13, 14	13, 15, 43, 53	
GS 019	Blood transfusions		2		8, 22, 19	2, 4, 10, 11, 16, 17, 34	
GS 020	Portal hypertension		2		10, 25	6, 35, 48	
GS 021	Benign and malignant diseases of the pancreas		2		1, 5, 13, 14, 17	3, 7, 13, 19, 39	
GS 022	Endocrine tumors of gastrointestinal system		2		1, 5, 13, 14, 17	7, 13, 15, 53	
GS 023	Surgical diseases of the diaphragm and reflux disease		2		5, 6	22, 76	
GS 024	Morbid obesity		2		16	56	
GS 025	Pilonidal sinus and surgical treatment		2				
GS 026	Gastric cancer		2		8, 13, 17, 22	13, 17, 24, 46, 60, 64, 75	
GS 027	Laparoscopic surgery		2				
GS 028	Anamnesis examination and diagnosis ways in breast diseases and surgical diseases of the breast		2		23, 24	40, 42	17
GS 029	Benign diseases of the liver		2		10, 13, 18, 25	6, 27, 35, 36, 48	
GS 030	Malignant diseases of the liver		2		10, 13, 18, 25	35, 50	
GS 031	General information about the anterior abdominal wall hernias and Special hernia types		2		5, 15	9, 53	
GS 032	Acute Appendicitis		2		3, 5, 13	1, 20	
GS 033	Surgical diseases and trauma of the spleen		2				
GS 034	Definition of obstructive icterus, etiology, diagnostic routes, differential diagnosis with obstructive icterus and other icterus		2		3, 13, 25	1, 50	
GS 035	Adrenal Diseases		2			21, 23	
GS 036	Infections In Surgery		2		3	14	
GS 037	Surgical oncology		2		14, 17	13, 24, 38	
GS 038	Anamnesis, examination, ways of diagnosis and surgical diseases of thyroid in thyroid diseases		2		4	29, 47	
GS 039	Surgical disease of parathyroid.		2		4	28, 30	
GS 040	CBE (Case-Based Learning)			24			1, 3, 15, 17

6. LEARNING METHODS OF GENERAL SURGERY CLERKSHIP PROGRAM

LEARNING METHODS OF GENERAL SURGERY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Bedside trainings, visits, structured focused patient visit; service, but operating room and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning

Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Interdisciplinary learning activities (meetings, panels, forums, group discussions) • Critical situation discussions • Reflection sessions • Gamification, psychodrama • Written visual text / readings, interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR GENERAL SURGERY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV GENERAL SURGERY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Data :...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic stories	4	3*	
B. Physical Examination (General and Problem-Oriented)			
Head, neck, breast and abdomen examination	4	3*	
C. Registration, Reporting and Notification			
Writing prescriptions	4	5*	
Preparing a patient file	4		
Preparing epicrises	4	5	
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	3	
Filling the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic purposes	3	5*	
E. Interventional and Non-Interventional Applications			
Digital rectal examination	3	5	
Enema	3	5	
To be able to apply nasogastric catheter	4	3	
Ability to throw and take superficial sutures	4	5	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5)Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN GENERAL SURGERY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN GENERAL SURGERY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (% 5) • Mini-clinical examination: It is done as multiple choice questions evaluating clinical information and case-based multiple choice questions evaluating clinical decision making. (15%) • Oral internship exam: Structured Orař Exam (structured fact-based questions evaluating clinical decision making and questions evaluating clinical information). Contribution to practice-oral exam at the end of internship (70%) • Students who score less than 60 points in total over 100 full points from the practice-oral exam, in which the trainee scorecard is also evaluated, are considered unsuccessful. • Students who fail the practice-oral exam, take the make-up exam. • Students who fail the practical-oral exam cannot take the Theoretical (written-multiple choice) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 50 multiple choice questions. • Multiple choice questions evaluating clinical information and case-based multiple choice questions evaluating clinical decision making. • Students who score less than 60 points out of 100 in the theoretical (written-multiple choice) exam are considered unsuccessful. • Students who fail the theoretical (written-multiple choice) exam take the make-up exam of the internship.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV INTERNAL MEDICINE CLERKSHIP GUIDE

Code	TPT-502
Period	8 weeks

Type	Compulsory/Elective
ECTS	12

INTERNAL MEDICINE CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Up To Date
2.	İç Hastalıkları Semiyoloji Kitabı- Senay Molvalılar-2016-ISBN9789758052837 Alfa Yayıncılık
3.	Harrison's Principles of Internal Medicine, 20e. J. Larry Jameson, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, Dan L. Longo, Joseph Loscalzo. ISBN: 9781259644030.

INTERNAL MEDICINE CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the " Ataturk University Faculty of Medicine Trainee Report " which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles".
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. INTERNAL MEDICINE CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE INTERNAL MEDICINE CLERKSHIP PROGRAM

1.	To be able to make a preliminary diagnosis and diagnosis of important, common internal diseases by considering the learning objectives specified in the core training program at the end of the internal medicine internship.
2.	To be able to perform emergency treatment for internal diseases by defining emergencies (diabetic ketoacidosis, nonketotic hyperosmolar coma, adrenal insufficiency, hypercalcemia, hypocalcemia, oncological emergencies, hyperpotasemia, poisoning, kidney failure, shock, gastrointestinal bleeding)
3.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria.
4.	To be able to provide referral when necessary after emergency intervention and treatment.
5.	Comprehend the importance of establishing a good patient-physician and physician-physician communication and develop their skills.
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. INTERNAL MEDICINE CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	3	4	3	4	4	3	3	3	4	3	4	4	3	3	3	3	4	4	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	4	4	4	4	4	4	4	4	4	4	4								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE INTERNAL MEDICINE CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Internal Medicine clerkship period

INTERNAL MEDICINE CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS			
1.	Abdominal distension	44.	Gynecomastia
2.	Dry mouth	45.	Constipation
3.	Wound in the mouth	46.	Cardiac murmurs
4.	Agitation	47.	Bleeding tendency
5.	Amenorrhea	48.	Abdominal pain
6.	Anemia	49.	Mass in the abdomen
7.	Anxiety	50.	Muscle weakness
8.	Anorectal pain	51.	Pruritis
9.	Anuria-oliguria	52.	Weight gain
10.	Apnea	53.	Weight loss
11.	Fever	54.	Cladication intermittant
12.	Dizziness	55.	Colic pains (renal, biliary, intestinal)
13.	Headache	56.	Convulsions
14.	Changes of consciousness	57.	Suspicious genitalia
15.	Throat pain	58.	Lymphadenopathy
16.	Mass on the neck	59.	Melena /hematemesis
17.	Nausea and vomiting	60.	Breast discharge
18.	Epistaxis	61.	Edema
19.	Growth - developmental retardation	62.	Cough
20.	Sexual function problems	63.	Parasthesia
21.	Palpitations	64.	Petechia, purpura, ecchymosis
22.	Diplopia	65.	Polydipsia
23.	Clubbing	66.	Polyuria
24.	Problems with balance / movement	67.	Pollacuria / Nocturia
25.	Skin and nail changes (dryness, discoloration, etc.)	68.	Puberty disorders (early - late)
26.	Dysphagia	69.	Hair loss
27.	Dyspepsia	70.	Jaundice
28.	Dyspnea	71.	Cyanosis
29.	Diarrhea	72.	Stings (bugs) / Bites
30.	Dysuria	73.	Splenomegaly
31.	Joint pain/swelling	74.	Sweating changes
32.	Movement restriction in joints	75.	Tetani
33.	Fecal incontinence	76.	Tremor
34.	Weakness	77.	Forgetfulness
35.	Hematoecesia / Rectal bleeding	78.	Corrosive exposure
36.	Hematuria	79.	Death
37.	Hemoptysis	80.	Immunization
38.	Hepatomegaly	81.	Exercise and physical activity
39.	Hypertension	82.	Health in different stages of life (Pregnancy, birth, puerperium, newborn, childhood, adolescence,

			adulthood, menopause - andropause, old age, terminal period, death)
40.	Hypotension	83.	Prevention of chronic diseases
41.	Hirsutism	84.	Healthy diet and changing lifestyle
42.	Undesirable effects of drugs / drug interactions	85.	Elderly Health
43.	Loss of appetite		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “**Diseases / Clinical Problems**” listed below during the Internal Medicine clerkship period.

INTERNAL MEDICINE CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
<p>In the clinical problems mentioned in the column next to;</p> <p>Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary</p>	<ol style="list-style-type: none"> 1. Adrenocortical insufficiency 2. Lung edema 3. Acute kidney failure 4. Acute glomerulonephritis 5. Acute abdomen 6. Allergic reaction 7. Lower gastrointestinal bleeding 8. Anaphylaxis 9. Sudden death 10. ARDS 11. Acid-Base balance disorder 12. Crush injury 13. Dehydration 14. Acute complications of diabetes 15. HELLP 16. Hypertensive attack 17. Hepatic coma 18. Hypoglycemia 19. Drug side effects 20. Vitamin K deficiency 21. Cardiopulmonary arrest 22. Cognitive disorders (delirium) 23. Coma 24. Oncological emergencies 25. Sepsis 26. Fluid electrolyte disturbances 27. Shock 28. Urticaria and angioedema 29. Upper gastrointestinal bleeding
<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<ol style="list-style-type: none"> 30. Familial Mediterranean fever 31. Achalasia 32. Lung cancer 33. Acute pancreatitis 34. Amyloidosis 35. Aplastic anemia 36. Avitaminosis 37. Head and neck cancers 38. Behçet's disease 39. Cystic diseases of the kidney 40. Cushing's disease 41. Skin tumors 42. Diverticular disease 43. Diabetes insipidus 44. Pheochromocytoma 45. Cancers of the gastrointestinal tract 46. Gastrointestinal tract motility disorders

	<ol style="list-style-type: none"> 47. Gout disease 48. Hemoglobinopathies 49. Hemochromatosis 50. Hemolytic anemias 51. Hemolytic uremic syndrome-Thrombotic thrombocytopenic purpura 52. Hepatosteatorsis 53. Hyperparathyroidism 54. Hyperthyroidism 55. Pituitary disorders 56. Hypoparathyroidism 57. Irritable bowel disease 58. Intestinal polyposis 59. Inflammatory bowel disease 60. Blood and blood products transfusion complications 61. Bleeding diathesis 62. Liver Cirrhosis 63. Bone tumors 64. Cyst hydatid disease 65. Cholecystitis, Cholelithiasis 66. Colorectal cancers 67. Congenital adrenal hyperplasia 68. Chronic glomerulonephritis 69. Chronic hepatitis 70. Chronic lung disease 71. Chronic pancreatitis 72. Lymphoproliferative diseases 73. Leukemia 74. Malabsorption 75. Bladder cancer 76. Myeloproliferative diseases 77. Osteoporosis 78. Ovarian cancer 79. Paraneoplastic syndromes 80. Peripheral neuropathy 81. Peritonitis 82. Polycystic ovary syndrome 83. Polymyositis and Dermatomyositis 84. Portal hypertension 85. Prostate cancer 86. Reynaud's disease 87. Rheumatoid arthritis 88. Secondary hypertension 89. Cervical cancer 90. Systemic lupus erythematosus 91. Sjögren's syndrome 92. Scleroderma 93. Spondyloarthropathies 94. Testicular tumor 95. Thyroid cancer 96. Thyroiditis 97. Tubulointerstitial diseases 98. Inappropriate ADH 99. Vasculitis 100. Wilson disease 101. Disseminated intravascular coagulation
<p>In the clinical problems mentioned in the column next to;</p>	<ol style="list-style-type: none"> 1. Adrenocortical insufficiency 3. Acute kidney failure 4. Acute glomerulonephritis

<p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<p>102. Acute hepatitis 5. Acute abdomen 103. Acute rheumatic fever 6. Allergic reaction 7. Lower gastrointestinal bleeding 9. Sudden death 104. Arthritis 105. Assit 12. Crush injury 106. Dyslipidemia 14. Acute complications of diabetes 15. Eclampsia / Preeclampsia / HELLP 107. Gestational diabetes 108. Henoch schönlein purpura 22. Cognitive disorders (delirium) 109. Chronic kidney failure 110. Metabolic syndrome 111. Nephrotic syndrome 112. Obesity 113. Polysitemia 25. Sepsis 26. Fluid electrolyte disorders 27. Shock 29. Upper gastrointestinal system bleeding 114. Foreign body aspiration</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<p>115. Decubitis ulcers 13. Dehydration 116. Iron deficiency anemia 117. Diabetes mellitus 118. Essential hypertension 119. Gastroenteritis 120. Gastroesophageal reflux 121. Goiter 122. Hemorrhoids 123. Hypothyroidism 19. Drug side effects 20. Vitamin K deficiency 70. Chronic lung disease 124. Malnutrition 125. Megaloblastic anemia 126. Peptic disease 127. Urinary system infections 28. Urticaria and angioedema 128. Upper respiratory tract infections</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<p>32. Lung cancer 3. Acute kidney failure 102. Acute hepatitis 103. Acute rheumatic fever 34. Amyloidosis 8. Anaphylaxis 115. Decubitis ulcers 37. Head and neck cancers 12. Crush injury 13. Dehydration 116. Iron deficiency anemia 41. Skin tumors 106. Dyslipidemia 117. Diabetes mellitus 118. Essential hypertension</p>

	<ul style="list-style-type: none"> 119. Gastroenteritis 45. Cancers of the gastrointestinal tract 120. Gastroesophageal reflux 121. Goiter 47. Gout disease 48. Hemoglobinopathies 122. Hemorrhoids 19. Drug side effects 57. Irritable bowel disease 20. Vitamin K deficiency 62. Liver cirrhosis 63. Cyst hydatid disease 22. Cognitive disorders 66. Colorectal cancers 109. Chronic kidney failure 70. Chronic lung disease 75. Bladder cancer 110. Metabolic syndrome 112. Obesity 77. Osteoporosis 126. Peptic disease 85. Prostate cancer 89. Cervical cancer 26. Fluid electrolyte balance disorders 94. Testicular tumor 95. Thyroid cancer 127. Urinary system infection 128. Upper respiratory infection
<p>In the clinical problems mentioned in the column next to;</p> <p>be able to follow up (F) in necessary cases</p>	<ul style="list-style-type: none"> 115. Decubitus ulcers 106. Dyslipidemia 117. Diabetes Mellitus 118. Essential hypertension 120. Gastroesophageal reflux 107. Gestational diabetes 121. Goiter 52. Hepatosteatorrhea 123. Hypothyroidism 19. Drug side effects 57. Irritable bowel syndrome 22. Cognitive disorders 109. Chronic kidney failure 70. Chronic obstructive pulmonary disease 124. Malnutrition 125. Megaloblastic anemias 110. Metabolic syndrome 112. Obesity 126. Peptic injury 82. Polycystic ovary syndrome 88. Secondary hypertension

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Internal Medicine clerkship period.

INTERNAL MEDICINE CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
<p>Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)</p>	<ol style="list-style-type: none"> 1. Airway" application 2. Head and neck examination 3. Consciousness assessment and mental state examination 4. Digital rectal examination 5. To be able to read and evaluate direct radiographs 6. ECG capturing and evaluation 7. To be able to intubation 8. Ability to take biological sample from the patient 9. IM / IV / SC / ID injection 10. Ability to insert urine catheter 11. To provide advanced life support 12. Ability to wash the stomach 13. To be able to make a minimal examination 14. To be able to apply nasogastric catheter 15. Neurological examination 16. Peripheral smear and evaluation 17. To be able to apply PPD test 18. Ability to organize reporting and notification 19. To be able to give health education to the society 20. To be able to fight infectious diseases in the society
<p>Skills specified in the adjacent column; In an emergency, performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)</p>	<ol style="list-style-type: none"> 21. Rational drug use 22. Anthropometric measurements 23. Illumination and getting consent 24. Abdominal examination 25. Being able to apply the principles of working with biological material 26. To be able to provide decontamination, disinfection, sterilization, antiseptis 27. Skin examination 28. Hand washing 29. To prepare epicrisis 30. Evaluation of general condition and vital signs 31. To be able to take general and problematic stories 32. Glaskow coma scale evaluation 33. To be able to follow blood sugar with glucometer 34. To prepare patient file 35. To be able to refer patients appropriately 36. To ensure that the patient is properly transported 37. To be able to measure blood pressure 38. To measure and evaluate bleeding time 39. Capillary blood sample collection 40. Cardiovascular system examination 41. To be able to fill the request form for laboratory examination 42. To be able to take the laboratory sample under appropriate conditions and deliver it to the laboratory. 43. Breast and axillary examination 44. To be able to evaluate the mental state 45. To be able to apply oxygen and nebul - inhaler treatment 46. To be able to issue a death certificate 47. To be able to issue a recipe 48. Ability to provide proper protection and transportation for the cold chain 49. Respiratory system examination 50. To be able to analyze and evaluate complete urine 51. To be able to prepare refusal of treatment document 52. Providing basic life support

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Internal Medicine clerkship period

INTERNAL MEDICINE CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	2. Addiction a. Alcohol b. Tobacco c. Drug
	5. Environment and health interaction a. Healthy nutrition and food policies b. Space and health c. Urbanization D. Environmental diseases to. Exposure to harmful environmental factors (air pollution, water pollution, chemicals, biocidal products, endocrine disrupter, wastes, etc.) 14. Chronic / Noncommunicable Diseases a. Monitoring and prevention of risk factors b. Management c. Multimorbidity d. The burden of the caregiver and the giver to. e. Indicators related to chronic diseases and inequalities arising from their distribution in society f. Psycho-social aspects of symptoms and conditions such as chronic pain, dementia, sleep problems and depression
	19. Priority / disadvantaged groups c. Elders 25. Health conditions a. Nutrition b. Physical, mental activity and exercise c. Sedentary life l. Immunization 35. Aging a. The burden of the caregiver and the caregiver b. Elderly neglect and abuse c. Multi-morbidity and polypharmacy d. Improving elderly health e. Maintaining functionality f. Fragility g. Loneliness and social support needs h. Autonomy

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Internal Medicine clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE INTERNAL MEDICINE CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes.

9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. INTERNAL MEDICINE CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION IV INTERNAL MEDICINE CLERKSHIP- WEEKLY COURSE PROGRAM			
DAYS	SUBJECT OF THE LESSON	LESSON TIME	TEACHING STAFF
I. Week			
Monday	Information About Internship and Ethical and Professional Values in Clinical Practice	08:00-09.00	Head of Department
	Taking an anamnesis	09.30-10.00	F. ERDEM
	Clinical Practice **	10.30-12.00	
	Diabetes Mellitus and complications-1(DT-P-F)	13.30-14.30	I. ÇAPOĞLU
	Applied Skills ***	14.30-17.00	
Tuesday	Approach to GIS Bleeding Patient (Pre-D-D)	08:00-09.00	Fatih ALBAYRAK
	General Status Inspection	09:30-10.00	Ömer TOPDAĞI
	Clinical Practice	10.30-12.00	
	Abnormalities in the blood count (Pre-D)	13.30-14.30	F. ERDEM
	Independent Working Hour	14.30-17.00	
Wednesday	Acute and Chronic Complications of Diabetes Mellitus (Pre-D-D)	08:00-09.00	I. ÇAPOĞLU
	Approach to the patient with anemia and differential diagnosis of hypoproliferative anemias (+ Aplastic anemia) (Pre-D)	09.30-10.30	Güliden SINCAN
	Clinical Practice	10.30-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Differential Diagnosis of Acquired Immune Hemolytic Anemias (Pre-D)	08.00-09.00	Güliden SINCAN
	Abdominal Examination	09.30-10.00	B. ALBAYRAK
	Clinical Practice	10.30-12.00	
	Approach to the Patient with Ascites (Pre-D-D)	13.30-14.30	F.ALBAYRAK
	Independent Working Hour	14.30-17.00	
Friday	Liver Cirrhosis – 1 (Pre-D-P)	08:00-09.00	ÖMER YILMAZ
	Gastrointestinal System Semiology	09.30-10.00	B. ALBAYRAK
	Clinical Practice	10.30-12.00	
	Differential diagnoses of Acquired Non-Immune Hemolytic Anemias (Pre-D)	13.30-14.30	İlhami KIKI
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
II. Week			
Monday	Differential diagnosis of macrocytic anemias and Megaloblastic Anemias (DT-P-F)	08:00-09.00	Fuat ERDEM
	Head and Neck Examination	09:30-10:00	Güliden SINCAN
	Clinical Practice	10.30-12.00	
	Liver Cirrhosis – 2 (Pre-D-P)	13.30-14.30	ÖMER YILMAZ
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Functional Gastrointestinal System Diseases (Pre-D)	08:00-9.00	Hakan DURSUN
	Case-Based Learning (CBL) Session 1	09:30-10.30	
	Clinical Practice	10.30-12.00	
	Iron deficiency anemia and differential diagnosis of Microcytic Anemias (Pre-D-P)	13.30-14.30	Güliden SINCAN

	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Wednesday	Approach to the patient with lymphadenopathy and Lymphoproliferative Diseases (Pre-D)	08:00-09.00	Ilhami KIKI
	Peptic Ulcer Disease (DT-P-F)	09:30-10.30	Hakan DURSUN
	Clinical Practice	10:30-12:00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Gastroesophageal Reflux Disease (DT-P-F)	08.00-09.00	Hakan DURSUN
	Case-Based Learning (CBL) Session 2	09.30-10:30	
	Clinical Practice	10:30-12.00	
	Approach to the patient with splenomegaly and Chronic Leukemias (Pre-D)	13.30-14.30	Fuat ERDEM
	Independent Working Hour	14.30-17.00	
Friday	Approach to the patient with splenomegaly and Myeloproliferative Disease (Pre-D)	08:00-09.00	Ilhami KIKI
	Cardiac Semiology	09.30-10.00	Arzu BILEN
	Clinical Practice	10.30-12.00	
	Malabsorption Syndromes - 1 (Pre-D-D)	13.30-14.30	Bülent ALBAYRAK
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	III. Week		
Monday	Malabsorption Syndromes – 2 (Pre-D-D)	08:00-09.00	Bülent ALBAYRAK
	Respiratory System Semiology	09.30-10.00	Ömer TOPDAĞI
	Clinical Practice	10.30-12.00	
	Approach to bleeding diathesis and thrombosis (Pre-D)	13.30-14.30	Ilhami KIKI
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Inflammatory Bowel Diseases (Pre-D-F)	08:00-09.00	Fatih ALBAYRAK
	Case-Based Learning (CBL) Session 3	09.30-10.30	
	Clinical Practice	10.00-10.30	
	Differential diagnosis of ITP (Pre-D)	13.30-14.30	Fuat ERDEM
	Independent Working Hour	14.30-17.00	
Wednesday	Pancreatic Diseases – 1 (Pre-D-D)	08:00-09.00	ÖMER YILMAZ
	Acute Leukemias (Pre-D)	09:30-10:30	Gülden SINCAN
	Clinical Practice	10:30-12:00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Blood and Blood Product transfusion and reactions (Pre-D)	08.00-09.00	Ilhami KIKI
	Case-Based Learning (CBL) Session 1	09.30-10:30	
	Clinical Practice	10.30-12.00	
	Pancreatic Diseases – 2 (Pre-D-D)	13.30-14.30	ÖMER YILMAZ
	Independent Working Hour	14.30-17.00	
Friday	Tumors of the Gastrointestinal Tract (Pre-D-P)	08:00-09.00	Fatih ALBAYRAK
	Endocrine System Semiology	09.30-10.00	Arzu BILEN
	Clinical Practice	10.30-12.00	
	Plasma Cell Diseases (+ Amyloidosis) (Pre-D)	13.30-14.30	Gülden SINCAN

	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	IV. Week		
Monday	Chronic Hepatitis (D-P)	08:00-09.00	Hakan DURSUN
	Urinary System Semiology	09.30-10.00	Can SEVINÇ
	Clinical Practice	10.30-12.00	
	Dyslipidemia (D-P-F)	13.30-14.30	Güngör AKÇAY
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Diabetes Insipitus and Inappropriate ADH Syndrome (Pre-D)	08:00-09.00	Ilyas ÇAPOĞLU
	Case-Based Learning (CBL) Session 2	09.30-10.30	
	Clinical Practice	10.30-12.00	
	Diagnostic Methods Used in Nephrology	13.30-14.30	Can SEVINÇ
	Independent Working Hour	14.30-17.00	
Wednesday	Endocrine Hypertension (Pre-D)	08:00-09.00	G. AKÇAY
	Acute Kidney Injury (E-D-P-F)	09:30-10:00	Can SEVINÇ
	Clinical Practice	10.30-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Calcium Metabolism Disorders - 1 (E-D-P)	08.00-09.00	Habib BILEN
	Case-Based Learning (CBL) Session 3	09.30-10.30	
	Clinical Practice	10:30-12.00	
	Chronic Kidney Disease (E-D-P-F)	13.30-14.30	Can SEVINÇ
	Independent Working Hour	14.30-17.00	
Friday	Calcium Metabolism Disorders - 2 (E-D-P)	08:00-09.00	Habib BILEN
	Locomotor System Semiology	09.30-10.00	Pınar TOSUN TAŞAR
	Clinical Practice	10.30-12.00	
	Approach to Proteinuria -1 (E-Pre-D-D-P)	13.30-14.30	Can SEVINÇ
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	V. Week		
Monday	Approach to Proteinuria -2 (E-Pre-D-D-P)	08:00-09.00	Can SEVINÇ
	Hematopoietic System Semiology	09.30-10.00	Gülden SINCAN
	Clinical Practice	10.30-12.00	
	Hyperthyroidism (Pre-D) + Hypothyroidism (DT-F)	13.30-14.30	Ilyas ÇAPOĞLU
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	MEN VE OPS (Pre-D)	08:00-09.00	Güngör AKÇAY
	Case-Based Learning (CBL) Session 1	09.30-10:30	
	Clinical Practice	10:30-12:00	
	Primary Hypertension and Emergency Hypertension (Pre-D-F)	13.30-14.30	Abdullah UYANIK
	Independent Working Hour	14.30-17.00	
Wednesday	PCOS and Hirsutism (Pre-D)	08:00-09.00	Habib BILEN
	Renovascular Hypertension (Pre-D-F)	09:30-10:30	A. UYANIK
	Clinical Practice	10:30-12:00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Pituitary disorders (Pre-D)	08.00-09.00	Habib BILEN
	Case-Based Learning (CBL) Session 2	09.30-10:30	
	Clinical Practice	10.30-12.00	
	Crush Syndrome (E-D-P)	13.30-14.30	A. UYANIK
	Independent Working Hour	14.30-17.00	
Friday	Tubulointerstitial Diseases (Pre-D)	08:00-09.00	Erdem ÇANKAYA

	Geriatric Semiology	09.30-10.00	Pınar TOSUN TAŞAR
	Clinical Practice	10.30-12.00	
	Obesity and Metabolic Syndrome (D-P-F)	13.30-14.30	Güngör AKÇAY
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	VI. Week		
Monday	Fluid Electrolyte Balance Disorders - 1 (D-E-P)	08:00-09.00	Erdem ÇANKAYA
	Semiology	09.30-10.00	
	Clinical Practice	10.30-12.00	
	Thyroid Nodules and Thyroid Cancers (Pre-D-P)	13.30-14.30	Güngör AKÇAY
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Fluid Electrolyte Balance Disorders - 2 (D-E-P)	08:00-09.00	Erdem ÇANKAYA
	Case-Based Learning (CBL) Session 3	09:30-10:30	
	Clinical Practice	10.30-12.00	
	Renal Replacement Therapies	13.30-14.30	Can SEVINÇ
	Independent Working Hour	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Wednesday	Cancer Formation Mechanisms Carcinogenesis	08:00-09.00	Salim Başol TEKİN
	Diagnostic Methods in Oncology	09:30-10:00	Mehmet BİLİCİ
	Clinical Practice	10:30-12:00	
	Elective / Freelance Work	13:30-17:00	
Thursday	Screening Methods of Risk Factors in Cancer and Prevention	08.00-09.00	Mehmet BİLİCİ
	Case-Based Learning (CBL) Session 1	09.30-10:30	
	Clinical Practice	10:30-12.00	
	Cognitive Disorders in the Elderly (D)	13.30-14.30	Pınar TOSUN TAŞAR
	Independent Working Hour	14.30-17.00	
Friday	Metastatic Tumors Without Primer	08:00-09.00	Salim Başol TEKİN
	Semiology	09.30-10.00	
	Clinical Practice	10.30-12.00	
	Malnutrition in the Elderly (D)	13.30-14.30	Pınar TOSUN TAŞAR
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	VII. Week		
Monday	Basic Principles of Chemotherapy - 1	08:00-09.00	Mehmet BİLİCİ
	Semiology	09.30-10.00	
	Clinical Practice	10.30-12.00	
	Polypharmacy and Drug Side Effects in the Elderly (D)	13.30-14.30	Pınar TOSUN TAŞAR
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Vaccination in the Geriatric Population (D)	08:00-09.00	Pınar TOSUN TAŞAR
	Case-Based Learning (CBL) Session 2	09:30-10:30	
	Clinical Practice	10.30-12.00	
	Basic Principles of Chemotherapy - 2	13.30-14.30	Mehmet BİLİCİ
	Independent Working Hour	14.30-17.00	
Wednesday	Urinary and Fecal Incontinence in the Elderly (D)	08:00-09.00	Pınar TOSUN TAŞAR
	Targeted Treatment in Oncology	09:30-10:00	Salim Başol TEKİN
	Clinical Practice	10:30-12:00	

	Elective / Freelance Work	13:30-17:00	
Thursday	Familial Mediterranean Fever (Pre-D)	08.00-09.00	Ömer TOPDAĞI
	Case-Based Learning (CBL) Session 3	09.30-10:30	
	Clinical Practice	10:30-12.00	
	Oncological Emergencies (E)	13.30-14.30	Mehmet BILICI
	Independent Working Hour	14.30-17.00	
Friday	Arthritis (D)	08:00-09.00	Ömer TOPDAĞI
	Semiology	09.30-10.00	
	Clinical Practice	10.30-12.00	
	Paraneoplastic Syndromes (Pre-D)	13.30-14.30	Mehmet BILICI
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
	VIII. Week		
Monday	Cancer Immunology	08:00-09.00	Salim Başol TEKIN
	Semiology	09.30-10.00	
	Clinical Practice	10.30-12.00	
	Henoch - Schönlein purpura (D)	13.30-14.30	Arzu BILEN
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Palliative Treatment in Oncology	08:00-09.00	Salim Başol TEKIN
	Semiology	10.00-10.30	
	Clinical Practice	10.30-12.00	
	Systemic lupus erythematosus (Pre-D)	13.30-14.30	Arzu BILEN
	Independent Working Hour	14.30-17.00	
Wednesday	Anaphylaxis (Pre-D)	08:00-09.00	Ömer TOPDAĞI
	Common Cancers	09.30-10.30	Salim Başol TEKIN
	Clinical Practice	10.30-12.00	
	Anamnesis (Exam Anamnesis)	13.30-14.30	
	Applied Skills	14.30-16.00	
	Independent Working Hour	16.00-17.00	
Thursday	Oral (Practical) Exam		
Friday	Written (Theoretical) Exam		

* Trainee students will be divided into groups at the beginning of the internship and will receive training in the relevant clinics alternately in the presence of a responsible lecturer and assistant physician.

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5. MATCHING INTERNAL MEDICINE CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING INTERNAL MEDICINE CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
INT 001	Taking an anamnesis	Dr. F. Erdem	1		1-85	1-128	1-52	5a, 14abc, 25abc
INT 002	Diabetes Mellitus and complications-	Dr. I. Çapoğlu	2		2, 17, 25, 34, 53, 63, 65, 66, 81, 84	18, 106, 117	31, 33	5a, 14abc, 25abc
INT 003	Approach to GIS Bleeding Patient	Dr.F Albayrak	1		6, 21, 35, 48, 49, 59	7, 27, 29, 45, 66, 116, 122	4, 24, 30	-
INT 004	General Status Inspection	Dr.Ö. Topdağı	1		1, 2, 3, 11, 25, 31, 32, 37, 38, 39, 40, 41, 43, 45, 46, 51, 62, 83, 84, 85	2, 5, 9, 10, 13, 15, 16, 17, 26	1, 2, 3, 5, 6, 7, 9, 10, 30, 31, 33, 34, 37, 41, 47	5a, 14abc, 25abc
INT 005	Abnormalities in the blood count	Dr. F. Erdem	1		6, 11, 12, 13, 18, 21, 34, 38, 43, 47, 64	35, 50, 61, 73, 116	16, 38	5e
INT 006	Approach to the patient with anemia and differential diagnosis of hypoproliferative anemias (+ Aplastic anemia)	Dr. G.Sincan	1		6, 11, 12, 13, 18, 21, 34, 38, 43, 47, 64	35, 50, 60, 61, 116	16, 38	5e
INT 007	Differential Diagnosis of Acquired Immune Hemolytic Anemias	Dr. G.Sincan	1		6, 21, 34, 70, 73	48, 50, 61	24, 31	-
INT 008	Abdominal Examination	Dr. B. Albayrak	1		1, 8, 9, 17, 26, 27, 29, 30, 33, 35	5, 29, 30, 33, 42, 45, 59, 62, 65, 81, 112	4, 10, 12, 24	-
INT 009	Approach to the Patient with Ascites	Dr. F. Albayrak	1		1, 6, 14, 23, 25, 27, 34, 40, 43, 44, 47, 50, 59, 70, 73, 76	29, 45, 62, 81, 128, 109, 111	15, 24	15, 24
INT 010	Liver Cirrhosis	Dr. Ö. Yılmaz	2		1, 6, 14, 23, 25, 27, 34, 40, 43, 44, 47, 50, 59, 70, 73, 76	20, 29, 61, 62, 81, 100	15, 24	15, 24
INT 011	Differential diagnoses of Acquired Non-Immune Hemolytic Anemias	Dr. I. Kiki	1		6, 21, 34, 70, 73	48, 61	24, 31	-
INT 012	Differential diagnosis of macrocytic anemias and Megaloblastic Anemias	Dr. F. Erdem	1		3, 6, 12, 13, 21, 25, 34, 43, 69, 77	19, 35, 61, 70, 80, 123, 125	16	5a
INT 013	Head and Neck Examination	Dr. G.Sincan	1		3, 15, 16, 18	8, 13, 28, 37, 41, 95, 96, 121, 128	1, 2	-
INT 014	Functional Gastrointestinal System Diseases	Dr. H.Dursun	1		1, 17, 26, 27, 29, 34, 43, 45, 48, 84	5, 31, 42, 45, 46, 57, 59, 66, 74, 92	4, 24, 30	-
INT 015	Iron deficiency anemia and differential diagnosis of Microcytic Anemias	Dr. G.Sincan	1		3, 6, 12, 21, 25, 26, 28, 34, 43, 69	29, 45, 46, 60, 61, 116, 122	16, 31	5a
INT 016	Approach to the patient with lymphadenopathy and Lymphoproliferative Diseases	Dr. I. Kiki			6, 11, 21, 34, 38, 43, 47, 58, 64, 73	61, 72	16, 30	-
INT 017	Peptic Ulcer Disease	Dr. H.Dursun	1		1, 17, 27, 48,	29, 33, 45,	24	-

					55	62, 116, 124		
INT 018	Gastroesophageal Reflux Disease	Dr. H.Dursun	1		1, 17, 27, 48, 55	19, 29, 45, 46, 120, 126	26, 31	-
INT 019	Approach to the patient with splenomegaly and Chronic Leukemias	Dr. F. Erdem	1		6, 11, 21, 34, 38, 43, 47, 58, 64, 73	24, 50, 61, 73, 124	16, 30	-
INT 020	Approach to the patient with splenomegaly and Myeloproliferative Disease	Dr. I. Kiki	1		13, 22, 35, 47, 73	29, 47, 61, 73	24	14abc
INT 021	Cardiac Semiology	Dr. A. Bilen	1		21, 28, 34, 46, 71, 79	2, 3, 9, 16, 21, 26, 103, 105, 106, 110	6, 11, 37, 40, 52	14abc
INT 022	Malabsorption Syndromes	Dr. B. Albayrak	2		1, 3, 6, 11, 17, 27, 29, 34, 35, 43, 48, 49, 53, 59	11, 13, 20, 26, 36, 46, 59, 74, 105, 124	4, 24, 31	14abc
INT 023	Respiratory System Semiology	Dr. Ö. Topdağı	1		21, 28, 34, 46, 71, 79	2, 8, 10, 32, 70, 128	1, 5, 7, 11, 45, 49, 52	14abc
INT 024	Approach to bleeding diathesis and thrombosis	Dr. I. Kiki	1		6, 21, 31, 32, 34, 42, 47	25, 51, 61, 62, 76, 90, 99, 101, 109, 111, 116,	5, 16, 27, 38	14abc
INT 025	Inflammatory Bowel Diseases	Dr. F. Albayrak	1		1, 3, 6, 11, 17, 27, 29, 34, 35, 43, 48, 49, 53, 59	7, 11, 13, 20, 25, 26, 36, 61, 74, 104, 116, 124	4, 24, 31	14abc
INT 026	Differential diagnosis of ITP	Dr. F. Erdem	1		6, 11, 21, 34, 38, 43, 47, 58, 64, 73	19, 25, 29, 61, 90, 101	16, 30	14abc
INT 027	Pancreatic Diseases	Dr. Ö. Yılmaz	1		1, 11, 17, 43, 48, 55	3, 5, 9, 10, 11, 13, 25, 26, 27, 29, 71, 74, 124	24	-
INT 028	Acute Leukemias	Dr. G.Sincan	1		6, 11, 21, 34, 38, 43, 47, 58, 64, 73	61, 73	16, 30	5e
INT 029	Blood and blood product transfusion complications	Dr. I. Kiki	1		11, 17, 21, 42, 51	2, 6, 8, 9, 10, 11, 16, 23, 26, 27, 28, 50, 61	9, 30	-
INT 030	Tumors of the Gastrointestinal Tract	Dr. F. Albayrak	1		1, 6, 17, 23, 26, 27, 34, 35, 43, 48, 49, 53, 59	5, 7, 29, 45, 66, 79, 116, 124	4, 12, 24	5e, 14abc
INT 031	Endocrine System Semiology	Dr. A. Bilen	1		2, 5, 12, 13, 14, 21, 28, 34, 40, 41, 42, 43, 44, 52, 53, 60, 68, 69, 74, 76, 81, 83	1, 14, 18, 40, 43, 44, 53, 54, 55, 56, 67, 77, 82, 95, 96, 98, 112, 117, 123	27, 30, 35, 37	5ae, 14abc, 25abc
INT 032	Plasma Cell Disorders	Dr. G.Sincan	1		6, 11, 21, 34, 38, 43, 47, 58, 64, 73	3, 11, 24, 25, 26, 61, 73, 109	16, 30	-
INT 033	Chronic Hepatitis	H. DURSUN	1		25, 73	20, 23, 29, 61, 62, 69,	24, 30, 31, 32, 34, 35	14abc, 25ı
INT 034	Urinary System Semiology	C. SEVINÇ	1		9, 17, 19, 20, 23, 25, 34, 36, 39, 40, 43, 47, 54, 65, 66, 67, 83, 84	3, 4, 12, 13, 19, 26, 39, 68, 97, 109, 111, 118, 127	10, 34, 37, 47, 50	5a, 14a, 25a, 25c
INT 035	Dyslipidemia	G. Akçay	1		81, 83, 84	14, 19, 106, 111, 112	19, 31, 34, 41, 47	4ae, 14a

INT 036	Diabetes Insipitus and Inappropriate ADH Syndrome	I.ÇAPOĞLU	1		9, 66	11, 13, 26, 43	10, 21, 41, 42	1ae, 14abc, 25abl
INT 037	Diagnostic Methods Used in Nephrology	C. SEVINÇ	1		9, 19, 20, 30, 36, 39, 40, 42, 46, 52, 65, 66, 67, 80, 82, 83	2, 3, 4, 11, 12, 13, 16, 21, 22, 26, 109	10, 41, 42	5ae, 14abc
INT 038	Endocrine Hypertension	G. Akçay	1		4, 21, 22, 39, 40, 46	16, 44, 53, 54, 55	21, 30, 31, 33, 41, 42, 47	4ae, 14abc
INT 039	Acute kidney injury	C. SEVINÇ	1		36, 43, 65, 66, 67	2, 3, 4, 9, 11, 13, 16, 26, 30, 34, 38, 51, 68, 87, 90, 91, 99, 108, 109, 111, 117, 118	3, 4, 11, 12, 13, 15, 19	5ae, 14abc
INT 040	Calcium Metabolism Disorders	H. BILEN	2		4, 14, 19, 34, 45, 50, 55, 66, 67, 75	11, 12, 13, 19, 24, 26, 27, 53, 56, 79	3, 6, 8, 34, 35, 40, 41, 42, 44	5ae, 14abc
INT 041	Chronic Kidney Disease	C. SEVINÇ	1		9, 12, 13, 14, 17, 19, 20, 23, 25, 34, 39, 42, 43, 44, 45, 47, 51, 52, 53, 61, 66, 67, 69, 83, 84	2, 3, 4, 9, 11, 13, 16, 26, 30, 34, 38, 51, 68, 87, 90, 91, 99, 108, 109, 111, 117, 118	29, 30, 34, 35, 37, 41, 42	5ae, 14abc
INT 042	Locomotor System Semiology	P. T. TAŞAR	1		24, 31, 32, 34	30, 38, 47, 53, 56, 63, 77, 79, 83, 86, 87, 90, 91, 92, 123	30, 31, 34, 35, 36, 37, 41, 42, 47	5ae, 14abc
INT 043	Approach to Proteinuria	C. SEVINÇ	2		9, 11, 13, 14, 17, 28, 30, 36, 37, 39, 40, 46, 55, 56, 61, 66, 67, 79, 83, 84,	2, 3, 4, 9, 11, 13, 16, 26, 30, 34, 38, 51, 68, 87, 90, 91, 99, 108, 109, 111, 117, 118	3, 5, 6, 10, 21, 24, 30, 31, 34, 35, 37, 40, 41, 44, 45, 47, 49, 50	5a, 14abc
INT 044	Hematopoietic System Semiology	G. SINCAN	1		4, 5, 11, 12, 13, 14, 16, 21, 28, 34, 38, 43, 46, 49, 53, 58, 64, 70, 73, 77, 79, 80, 84	19, 20, 21, 25, 34, 35, 36, 37, 48, 49, 50, 51, 60, 61, 72, 73, 76, 90, 99, 113, 116, 125	2, 3, 5, 8, 16, 18, 19, 21, 24, 30, 31, 34, 38, 39, 42,	5a, 14abc
INT 045	Hyperthyroidism + Hypothyroidism	I.ÇAPOĞLU	1		3, 4, 5, 6, 7, 11, 12, 13, 14, 16, 19, 20, 21, 22, 24, 25, 26, 28, 34, 39, 40, 41, 43, 44, 45, 46, 50, 51, 52, 53, 61, 68, 69, 74, 76, 77, 79, 81, 84	2, 11, 13, 16, 18, 21, 22, 23, 26, 54, 55, 88, 95, 96, 106, 112	1, 2, 3, 5, 8, 15, 18, 19, 30, 31, 34, 35, 37, 40, 41, 42, 44,	14abc
INT 046	MEN VE OPS	G.AKÇAY	1		2, 5, 7, 12, 13, 14, 19, 20, 34, 39, 41, 50, 52, 53, 57, 65,	1, 11, 18, 26, 40, 43, 44, 53, 54, 55, 56, 77, 88	1, 2, 3, 5, 8, 15, 18, 19, 30, 31, 34, 35, 37, 40, 41, 42, 44	5a, 14abc

					66, 68, 69, 74, 75, 76			
INT 047	Primary Hypertension and Emergency Hypertension	A.UYANIK	1		7, 9, 12, 13, 14, 21, 22, 24, 28, 36, 37, 39, 40, 42, 46, 56, 61, 79, 81, 83, 84	2, 3, 4, 9, 11, 16, 19, 21, 26, 44, 88	3, 5, 6, 7, 10, 11, 15, 19, 21, 30, 31, 34, 35, 37, 40, 44, 45, 47, 49, 50, 52	5a, 14abc
INT 048	PCOS and Hirsutism	H.BILEN	1		5, 19, 20, 41, 52, 53, 57, 68, 69,	82, 106, 110, 112, 117	30, 31, 34, 41,	-5a, 14abc
INT 049	Renovascular Hypertension	A. UYANIK	1		7, 9, 12, 13, 14, 21, 22, 24, 28, 36, 37, 39, 40, 42, 46, 56, 61, 79, 81, 83, 84	2, 3, 4, 9, 11, 16, 19, 21, 26, 40, 44, 54, 68, 88	3, 5, 6, 7, 10, 11, 15, 19, 21, 30, 31, 34, 35, 37, 40, 44, 45, 47, 49, 50, 52	5a, 14abc
INT 050	Pituitary disorders	H.BILEN	1		2, 5, 13, 14, 20, 22, 24, 34, 41, 44, 45, 50, 52, 57, 65, 66, 68, 69, 74, 77,	1, 11, 13, 18, 22, 23, 26, 27, 40, 43, 54, 55, 77, 98	3, 13, 15, 30, 31, 34, 37, 40, 41, 44,	5a, 14abc
INT 051	Crush Syndrome	A. UYANIK	1		9, 14, 34, 39, 40, 46, 50, 56, 61, 66, 79, 83	2, 3, 4, 11, 12, 13, 16, 21, 22, 26, 109	1, 3, 6, 7, 10, 11, 19, 30, 31, 32, 34, 35, 36, 37, 40, 41, 45, 46, 50, 52	5a, 14abc
INT 052	Tubulointerstitial Diseases	E. ÇANKAYA	1		9, 17, 21, 30, 36, 39, 42, 46, 50, 61, 66, 79, 83, 84	2, 3, 4, 11, 12, 13, 16, 21, 22, 26, 109	8, 10, 11, 21, 30, 31, 34, 35, 37, 40, 41, 50	5e, 14abc
INT 053	Geriatric Semiology	P. T. TAŞAR	1		33, 34, 42, 43, 45, 53, 77, 79, 80, 83, 84, 85	13, 19, 22, 26, 77, 124	3, 13, 21, 34,	1b, 14abcdef
INT 054	Obesity and Metabolic Syndrome	G.AKÇAY	1		2, 13, 34, 39, 44	18, 40, 47, 82, 106, 110, 117, 123	6	5ae, 14abc
INT 055	Fluid Electrolyte Balance Disorders	E. ÇANKAYA	2		12, 13, 14, 24, 34, 77, 79	3, 11, 12, 13, 19, 26, 27, 79, 98, 109	3, 10, 15, 21, 30, 31, 37, 40, 41, 49, 50, 52	14abc, 19c, 35abcdeh
INT 056	Renal Replacement Therapies	C. SEVINÇ	1		9, 17, 20, 25, 34, 39, 40, 43, 46, 51, 56, 61, 79, 80, 81, 84	2, 3, 4, 11, 12, 13, 16, 21, 22, 26, 109	5, 6, 10, 30, 31, 37, 40, 44, 49	5e, 14abc
INT 057	Cancer Formation Mechanisms Carcinogenesis	S. B. TEKIN	1		6, 12, 34, 53, 59, 79, 80	19, 24, 26, 32, 37, 41, 45, 61, 66, 75, 85, 89, 94, 95	1, 2, 4, 19, 42, 52	5ae
INT 058	Diagnostic Methods in Oncology	M. BILICI	1		6, 12, 13, 17, 26, 34, 40, 43, 45, 70, 79	19, 24, 26, 32, 37, 41, 45, 61, 66, 75, 85, 89, 94, 95	1, 2, 3, 4, 5, 6, 7, 8, 11, 34, 35, 47	5ae
INT 059	Screening Methods of	M. BILICI	1		6, 12, 13, 17,	19, 24, 26,		5ae, 14abc,

	Risk Factors in Cancer and Prevention				26, 34, 40, 43, 45, 70, 79	32, 37, 41, 45, 61, 66, 75, 85, 89, 94, 95		25abc,
INT 060	Cognitive Disorders in the Elderly	P. T. TAŞAR	1		4, 14, 42, 77, 79, 81, 83, 85,	9, 13, 22, 26, 77, 115, 124	13, 15, 21, 31, 32, 34, 35, 44, 46, 47, 52	5ae, 14abc, 19c
INT 061	Metastatic Tumors Without Primer	S. B. TEKIN			43, 62, 69, 79	19, 24, 26, 32, 41, 45, 61, 66, 75, 85, 89, 94, 95	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 062	Malnutrition in the Elderly	P. T. TAŞAR	1		1, 26, 34, 42, 43, 45, 53, 79, 84, 85,	18, 19, 77, 124, 125	21, 22, 47	5ae, 14abc, 19c, 25abc,
INT 063	Basic Principles of Chemotherapy - 1	M. BILICI	2		43, 62, 69, 79	19, 24, 26, 32, 41, 45, 61, 66, 75, 85, 89, 94, 95, 124	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 064	Polypharmacy and Drug Side Effects in the Elderly	P. T. TAŞAR	1		2, 12, 14, 24, 33, 34, 42, 43, 45, 79, 85	18, 19, 20, 22, 77	3, 21, 30, 31, 44	5ae, 14abc, 19c, 25abc
INT 065	Vaccination in the Geriatric Population	Dr. P .T .TAŞAR	1		80, 83, 85	6, 8, 28	18, 19, 20, 30, 31, 47, 48	5ae, 14abc, 19c, 35abcdefgh
INT 066	Urinary and Fecal Incontinence in the Elderly	Dr. P .T . TAŞAR	1		30, 33, 42, 66, 67	19, 22, 115, 124	15, 34, 35	1b, 5ae, 14abc, 19c, 25abc
INT 067	Targeted Treatment in Oncology	S. B. TEKIN	1		43, 62, 69, 79	24, 37, 41, 75, 78, 79, 89, 94, 95	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 068	Familial Mediterranean Fever	Ö.TOPDAĞI	1		11, 31, 32, 48	5, 30, 34, 111	4, 5, 6, 24, 34, 35, 41, 42,	5ae
INT 069	Oncological Emergencies	M. BILICI	1		43, 62, 69, 79	24, 41, 75, 94, 95	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 070	Arthritis	Ö.TOPDAĞI	1		31	30, 38, 83, 86, 87, 90, 91, 92, 93, 99	21, 27, 34, 35, 47	5ae
INT 071	Paraneoplastic Syndromes	M. BILICI	1		43, 62, 69, 79	24, 41, 45, 75, 94, 95	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 072	Cancer Immunology	S. B. TEKIN	1		43, 62, 69, 79	24, 32, 37, 41, 66, 75, 94, 95,	1, 2, 29, 34, 35, 41, 42, 43, 45, 46, 47, 51, 52	5ae, 14abc, 25abc
INT 073	Henoch - Schönlein purpura	A.BILEN	1		9, 11, 31, 36, 42, 48, 51, 61, 64	3, 4, 5, 7, 50, 99, 111	16, 24, 27, 30, 31, 34, 35, 36, 37, 38, 41, 42, 50, 52	5ae
INT 074	Palliative Treatment in Oncology	S. B. TEKIN	1		3, 14, 16, 25, 26, 42, 43, 45, 48, 49, 69, 70	11, 13, 18, 21, 22, 23, 24, 26, 27, 29, 32, 45, 95, 124	1, 5, 21, 29, 30, 41, 42, 49, 51, 52	5ae, 14abc, 25abc

INT 075	Systemic lupus erythematosus	A.BILEN	1		3, 6, 11, 13, 14, 31, 32, 34, 50, 53, 64	3, 4, 90, 91, 104, 109, 111	2, 5, 15, 24, 30, 31, 34, 41	5ae
INT 076	Anaphylaxis	Ö.TOPDAĞI	1		14, 21, 28, 40, 51, 56, 61, 71, 79	2, 6, 8, 10, 19, 27, 28	1, 11, 12, 30, 31, 37, 40, 45, 49	5ae
INT 077	Common Cancers	S. B. TEKIN	1		1, 6, 8, 11, 12, 13, 16, 17, 23, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 43, 45, 49, 53, 58, 59, 62, 64, 70, 71, 73, 79, 84	7, 13, 18, 21, 24, 25, 26, 29, 32, 37, 41, 45, 63, 66, 75, 78, 89, 94	2, 4, 5, 8, 14, 24, 30, 31, 34, 41, 43, 46, 51	5ae, 14abc, 25abc

6. LEARNING METHODS OF INTERNAL MEDICINE CLERKSHIP PROGRAM

LEARNING METHODS OF INTERNAL MEDICINE CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. “STUDENT TRAINEE REPORT” FOR INTERNAL MEDICINE CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV INTERNAL MEDICINE CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....		Date:...../...../.....	
Student Number:			
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
Genel ve soruna yönelik öykü alabilme	4	5	
B. Physical Examination (General and Problem-Oriented)			
Anthropometric measurements	4	5	
Abdominal examination	3	5	
Consciousness assessment	4	5	
Skin examination	4	5	
Evaluation of general condition and vital signs	4	5	
Cardiovascular system examination	4	5	
Musculoskeletal system examination	3	5	
Respiratory system examination	4	5	
C. Registration, Reporting and Notification			
Enlightenment and consent	4	5	
To prepare patient file	4	5	
D. Laboratory Tests and Other Related Processes			
Reading and evaluating direct radiographs	4	5	
To be able to measure and evaluate blood sugar with a glucometer	4	5	
To be able to interpret the results of screening and diagnostic purposes	3	5	
E. Interventional and Non-Interventional Applications			
Ability to open vascular access	3	5	
Hand washing	4	5	
IM, IV, SC, ID injection	4	5	
Being able to measure blood pressure	4	5	
Capillary blood sampling	4	5	
Minimental status examination	3	5	
To be able to apply oxygen and nebul - inhaler treatment	4	5	
To be able to apply and evaluate pulse oximetry	3	5	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers) Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN INTERNAL MEDICINE CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN INTERNAL MEDICINE CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV OBSTETRICS AND GYNECOLOGY CLERKSHIP GUIDE

Code	
Period	8 weeks

Type	Compulsory
ECTS	12

OBSTETRICS AND GYNECOLOGY CLERKSHIP - Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Williams Obstetrics
2.	Berek & Novak Gynecology
3.	Te Linde Gynecology Surgery

OBSTETRICS AND GYNECOLOGY CLERKSHIP - RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. OBSTETRICS AND GYNECOLOGY CLERKSHIP - OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE OBSTETRICS AND GYNECOLOGY CLERKSHIP PROGRAM

7.	To be able to make a preliminary diagnosis by evaluating the anatomy, physiological features of the female genital organs and the signs and symptoms of the diseases affecting them.
8.	To be able to make emergency treatment by defining emergencies for Obstetrics and Gynecology
9.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
10.	To be able to provide referral in case of emergency after treatment and treatment
11.	To gain the knowledge, skills and professionalism characteristics determined for the clerkship

2. OBSTETRICS AND GYNECOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4		4			4		3		5	5	5	2	3	2	4	4	5	5	5
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	5	5	5	5	4	5	5	5	5	4	4	5								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE OBSTETRICS AND GYNECOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the OBSTETRICS AND GYNECOLOGY CLERKSHIP period

OBSTETRICS AND GYNECOLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS			
1.	amenorrhea	13.	Suspicious genitalia
2.	Nausea and vomiting	14.	Pelvic pain
3.	Sexual function problems	15.	Puberty disorders (early - late)
4.	dysmenorrhea	16.	Urinary incontinence
5.	dysuria	17.	Vaginal discharge
6.	Wound in the genital area	18.	Vaginal bleeding (during pregnancy, postpartum, post menopausal, others)
7.	Hypertension (During Pregnancy)	19.	Healthy sex life
8.	hirsutism	20.	Reproductive health and rights
9.	Infertility (woman)	21.	Combating communicable diseases in the community
10.	Abdominal pain	22.	Gender and health
11.	Mass in the abdomen	23.	Bloating in the abdomen*
12.	Convulsions (During Pregnancy)	24.	Pelvic mass

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the OBSTETRICS AND GYNECOLOGY CLERKSHIP period.

OBSTETRICS AND GYNECOLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1.Labor 2.Postpartum hemorrhage 3.Genito-urinary trauma 4.Abortion 5.Pregnancy-bleeding 6.Fetal distress at birth 7.Eclampsia, preeclampsia, HELLP syndrome 8.Troubled labor
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	9.Labor 10.Postpartum hemorrhage 11.Genito-urinary trauma 12.Abortion 13.Pregnancy-bleeding 14.Fetal distress at birth 15.Sexual function problems 16.Sexual orientation problems 17.Gestational diabetes mellitus

	18.Endometriosis 19.Preeclampsia 20.Ectopic pregnancy 21.Intrauterine infections 22.Osteoporosis 23.Ovarian cancer 24.Pelvic mass 25.Polycystic ovary syndrome 26.Cervical cancer 59. RH incompatibility in pregnancy 60. Pelvic Pain Syndrome 62. Uterus tumors
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	27.Dysmenorrhea 28.Amenorrhea 29.Abnormal uterine bleeding 30.Intrauterine growth retardation 31.Genital infections 32.Birth trauma 33.Fetal distress 34.Eclampsia, preeclampsia, HELLP syndrome 35.Pregnancy standard monitoring 36.Pregnancy Risky Surveillance 37.Menopause 38.Urinary incontinence 39.Menstrual cycle disorder 40.Prenatal diagnosis 41.Gestational diabetes 42.Risky pregnancy 61. Pelvic Inflammatory Disease
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	43.Sexually transmitted infections 44.Dysuria 45.Postpartum hemorrhage 46.Labor 47.Hyperemesis gravidarum 48.Premenstrual syndrome
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	49.Intrauterine growth retardation 50.Genital infections 51.Sexually transmitted infections 52.Genital cancer screening 53.Birth trauma 54.Intrauterine infections 55.Osteoporosis 56.Premenstrual syndrome 57.Cervical cancer 58.Risky pregnancy 59.RH incompatibility in pregnancy 61.Pelvic Inflammatory Disease
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	60. Pelvic Pain syndrome

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the OBSTETRICS AND GYNECOLOGY CLERKSHIP period.

OBSTETRICS AND GYNECOLOGY CLERKSHIP - LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	-----
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	<ol style="list-style-type: none"> 1. Ability to have normal spontaneous delivery 2. Opening and sewing episiotomy
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	<ol style="list-style-type: none"> 3. To be able to take general and problematic stories 4. Abdominal examination 5. Pregnant examination 6. General situation and evaluation of vital signs 7. Gynecological examination 8. Lighting and consent 9. To prepare epicrisis 10. To prepare patient file 11. To be able to refer patients appropriately 12. Prescribing a recipe 13. Filling the request form for laboratory examination 14. Ability to take the laboratory sample under appropriate conditions and deliver it to the laboratory. 15. To be able to interpret the results of screening and diagnostic purposes 16. To be able to examine vaginal discharge sample (urogenital infection screening, fresh preparation preparation and care) and evaluate 17. Ability to open vascular access 18. To be able to take care of the mother after birth 19. Ability to insert urine catheter 20. Ability to teach breast self examination 21. Periodic examination, control (Cardiac risk calculation, adolescent counseling, tobacco counseling, cancer screening etc.) 22. IM, IV, SC, ID injection 23. Ability to insert urinary catheter 24. Being able to take samples for culture 25. To be able to take vaginal and cervical samples 26. Ability to throw and take superficial sutures 27. To be able to apply contraception methods correctly and to follow the users 28. To be able to perform oral, rectal, vaginal and topical drug applications 29. Ability to take biological samples from the patient
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	<ol style="list-style-type: none"> 30. To be able to take measures to stop / limit external bleeding 31. To be able to follow up pregnant and maternity 32. Follow-up and periodic health examinations at different stages of life (pregnancy, birth, puerperium, newborn, childhood, adolescence, adulthood, old age)

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the OBSTETRICS AND GYNECOLOGY CLERKSHIP period

OBSTETRICS AND GYNECOLOGY CLERKSHIP– LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of OBSTETRICS AND GYNECOLOGY CLERKSHIP

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE OBSTETRICS AND GYNECOLOGY CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,

4. OBSTETRICS AND GYNECOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information About Internship and Ethical and Professional Values in Clinical Practice	08 ⁰⁰ -09 ⁰⁰	Assoc. Dr. Ömer Erkan YAPÇA
	Menopause and Osteoporosis	09 ⁰⁰ -10 ⁰⁰	
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Preterm Birth	08 ⁰⁰ -09 ⁰⁰	Proff. Metin İNGEÇ
	Tocolysis	09 ⁰⁰ -10 ⁰⁰	
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Polycystic Ovary Syndrome	08 ⁰⁰ -10 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	Proff. Yakup KUMTEPE
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Postterm Pregnancy	08 ⁰⁰ -09 ⁰⁰	Dr.Faculty Memb.Gamze Nur CIMILLI ŞENOCAK
	Ethics In Obstetrics and Gynecology	09 ⁰⁰ -11 ⁰⁰	Proff. Ragıp Atakan AL
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	

	Diabetes and Pregnancy	13 ⁰⁰ -14 ⁰⁰	Proff. Ragıp Atakan AL
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Postmenopausal Bleeding	08 ⁰⁰ -09 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	09 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
	II. Week		
Monday	Benign Diseases Of Vulva and Vagina	08 ⁰⁰ -10 ⁰⁰	Dr. Faculty Memb.Emsal Pinar TOPDAĞI YILMAZ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Preterm Rupture of Membranes	08 ⁰⁰ -09 ⁰⁰	Dr.Faculty Memb.Gamze Nur CIMILLI ŞENOCAK
	Bedside Visit	09 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Amenorhea	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Evaluation Of Fetal Health	08 ⁰⁰ -10 ⁰⁰	Proff. Ragıp Atakan AL
	Teratology	10 ⁰⁰ -11 ⁰⁰	Dr. Faculty Memb.Emsal Pinar TOPDAĞI YILMAZ
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	Proff. Ragıp Atakan AL
	Clinical Practice	13 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 1	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Endometrium Canser	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
	III. Week		
Monday	Premenstruel Syndrome (PMS)	08 ⁰⁰ -09 ⁰⁰	Assoc. Dr. Ömer Erkan YAPÇA
	Dysmenorrhea	09 ⁰⁰ -10 ⁰⁰	
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Pregnancy and RH Isoimmunisation	08 ⁰⁰ -10 ⁰⁰	Proff. Metin İNGEÇ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Prolapsus of Pelvic Organs	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Pregnancy and Heart Diseases	08 ⁰⁰ -10 ⁰⁰	Proff. Ragıp Atakan AL
	Intrauterine Fetal Death	10 ⁰⁰ -11 ⁰⁰	Dr.Faculty Memb.Gamze Nur CIMILLI ŞENOCAK
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	Proff. Ragıp Atakan AL
	Clinical Practice	13 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 2	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Approach to Pelvic Mass	08 ⁰⁰ -09 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Approach to Infertilite Couple	09 ⁰⁰ -10 ⁰⁰	Dr.Faculty Memb.Gamze Nur CIMILLI ŞENOCAK
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
	IV. Week		
Monday	Chronic Pelvic Pain	08 ⁰⁰ -09 ⁰⁰	Dr.Dr.Ömer Erkan YAPÇA
	Uterine Rupture	09 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Preeclampsia - Eclampsia	08 ⁰⁰ -10 ⁰⁰	Proff. Metin İNGEÇ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	

	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Urinary Incontinans	08 ⁰⁰ -10 ⁰⁰	Dr. Faculty Memb.Emsal Pinar TOPDAĞI YILMAZ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Dystocia	08 ⁰⁰ -10 ⁰⁰	Proff. Ragıp Atakan AL
	Intrauterine Growth Retardation	10 ⁰⁰ -12 ⁰⁰	
	Bedside Visit	13 ⁰⁰ -14 ⁰⁰	
	Clinical Practice	14 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 3	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Ovarian Cancer	08 ⁰⁰ -10 ⁰⁰	Assoc. Dr. Ömer Erkan YAPÇA
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
V. Week			
Monday	Pelvic Inflatuar Diseases	08 ⁰⁰ -10 ⁰⁰	Assoc. Dr. Ömer Erkan YAPÇA
	Antenatal Care	10 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Breech Delivery	08 ⁰⁰ -09 ⁰⁰	Dr. Faculty Memb.Emsal Pinar TOPDAĞI YILMAZ
	Pregnancy and Chronic Hypertension	09 ⁰⁰ -10 ⁰⁰	
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Cervical Intraepitelyal Neoplasia	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Abnormal Vaginal Bleeding	08 ⁰⁰ -10 ⁰⁰	Dr.Faculty Memb.Gamze Nur CIMILLI ŞENOCAK
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 1	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Gestational Trophoblastic Diseases	08 ⁰⁰ -10 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Endometrial Hyperplasia	10 ⁰⁰ -12 ⁰⁰	
	Bedside Visit	13 ⁰⁰ -14 ⁰⁰	
	Clinical Practice	14 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
VI. Week			
Monday	Perinatal Infections	08 ⁰⁰ -09 ⁰⁰	Dr. Faculty Memb.Emsal Pinar TOPDAĞI YILMAZ
	Puerperal Infections	09 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Postpartum Hemorrhage	08 ⁰⁰ -10 ⁰⁰	Proff. Metin İNGEÇ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Cervical Cancer	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Evaluation of High Risk Pregnancy	08 ⁰⁰ -10 ⁰⁰	Proff. Ragıp Atakan AL
	Myoma Uteri	10 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 2	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Assisted Reproductive Techniques	08 ⁰⁰ -10 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	

	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
	VII. Week		
Monday	Malign Diseases of Vulva and Vagen	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	bedside visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Multiple Pregnancy	08 ⁰⁰ -10 ⁰⁰	Dr. Faculty Memb.Emsal Pınar TOPDAĞI YILMAZ
	Hyperemesis Gravidarum	10 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Hirsutism and Hyperandrogenizm	08 ⁰⁰ -10 ⁰⁰	Proff. Yakup KUMTEPE
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Operative Labor	08 ⁰⁰ -10 ⁰⁰	Proff. Ragıp Atakan AL
	Induction of Labor	10 ⁰⁰ -11 ⁰⁰	
	Bedside Visit	11 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -15 ⁰⁰	
	Case-Based Learning (CBL) Session 3	15 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Friday	Ectopic Pregnancy	08 ⁰⁰ -09 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Bedside Visit	09 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
	VIII. Week		
Monday	Third Trimester Bleedings	08 ⁰⁰ -10 ⁰⁰	Assoc. Dr. Ömer Erkan YAPÇA
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Tuesday	Prenatal Diagnosis	08 ⁰⁰ -10 ⁰⁰	Proff. Metin İNGEÇ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Clinical Practice	13 ⁰⁰ -16 ⁰⁰	
	Independent Working Hour	16 ⁰⁰ -17 ⁰⁰	
Wednesday	Endometriosis	08 ⁰⁰ -10 ⁰⁰	Proff. Bünyamin BÖREKÇİ
	Bedside Visit	10 ⁰⁰ -12 ⁰⁰	
	Free Work / Elective Course	13 ⁰⁰ -17 ⁰⁰	
Thursday	Exam		
Friday	Exam		

5. MATCHING OBSTETRICS AND GYNECOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING OBSTETRICS AND GYNECOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical Problem	Basic Medical Practices	Behavioral, Social and Humanities
KHD001	Clerkship Description, Gynecological Examination, Symptom, Findings	Dr. Ömer Erkan YAPÇA	1	3				
KHD002	Menoposis and Osteoporosis	Dr. Ömer Erkan YAPÇA	2	3	1,3	22,28,37	20,21	
KHD003	Early Delivery Threat	Prof.Dr. Metin İNGEÇ	2	3	17	36,42,46	3,5	
KHD004	Tocolysis	Prof.Dr. Metin İNGEÇ	1	3		1,8,46,42,36		
KHD005	Pcos (Polycystic Over Syndrome)	Prof.Dr.Bünyamin BÖREKÇİ	3	3	1,15,4	25,56		
KHD006	Day out	Dr. Gamze Nur CIMILLI ŞENOCAK	3	3		8,17,30,32,36,41,42	5	

KHD007	Diabetes and Pregnancy	Prof.Dr.Ragıp Atakan AL	1	3		1,2,3,8,9,10	1,2	
KHD008	Postmenoposal Bleeding	Prof.Dr.Yakup KUMTEPE	3	3	1,10,18	28,29,37		
KHD009	Benefit Diseases of Vulva And Vagen	Dr. Emsal Pınar TOPDAĞI YILMAZ	3	3	6,14,17	50,51,31	24,25,28,16	
KHD010	Early Membrane Rupture	Dr. Gamze Nur CIMILLI ŞENOCAK	3	3	5,17	5,8,13	3,5,16	
KHD011	Amenorrhea	Prof.Dr.Yakup KUMTEPE	3	3	1,4,8	27,28,29,37	7	
KHD012	Evaluation of Fetal Health	Prof.Dr.Ragıp Atakan AL	3	3		35,36,40	5,6	
KHD013	Teratology	Dr. Emsal Pınar TOPDAĞI YILMAZ	1	3		42		
KHD014	Endometrium Cancer	Prof.Dr.Yakup KUMTEPE	3	3	1,10,18	24,28,29	29,21,7,8	
KHD015	Premenstrual Syndrome	Dr.Ömer Erkan YAPÇA	2	3	4,8	56		
KHD016	Dysmenorrhea	Dr.Ömer Erkan YAPÇA	1	3	4	27		
KHD017	Pregnancy and Rh Isoimmunization	Prof.Dr. Metin INGEÇ	3	3		36,8		
KHD018	Prolapy of Pelvic Organs	Prof.Dr.Yakup KUMTEPE	3	3	16	11,38	7	
KHD019	Pregnancy and Heart Diseases	Prof.Dr.Ragıp Atakan AL	3	3		36,42	5	
KHD020	Intrauterin Dead Fetus	Prof.Dr.Ragıp Atakan AL	1	3		8,9,10	31	
KHD021	Approach to Pelvic Mass	Prof.Dr.Bünyamin BÖREKÇİ	2	3	10,11,14	23,24,26,29,52,57	4,7,15,25	
KHD022	Infertil Double Approach	Dr. Gamze Nur CIMILLI ŞENOCAK	1	3	9	15,25,39		
KHD023	Chronic Pelvic Pain	Dr.Ömer Erkan YAPÇA	3	3	10,14			
KHD024	Uterine Rupture	Dr.Ömer Erkan YAPÇA	1	3	18	5,2,10,13	30	
KHD025	Preeklampsi - Eklampsi	Prof.Dr. Metin INGEÇ	3	3	7	7,19,34	6,3	
KHD026	Urinary Incontinence	Dr. Emsal Pınar TOPDAĞI YILMAZ	3	3	5,16	38		
KHD027	Dystonia	Prof.Dr.Ragıp Atakan AL	3	3	8	1,3,8,9,11		
KHD028	Development of The Intrauter	Prof.Dr.Ragıp Atakan AL	1	3		49		
KHD029	Over Cancer	Prof.Dr.Yakup KUMTEPE	3	3	10,11	23	21	
KHD030	Pelvic Inflammatory Diseases	Dr.Ömer Erkan YAPÇA	3	3	5,17	43		
KHD031	Antenatal Care	Dr.Ömer Erkan YAPÇA	1	3	19	35		
KHD032	Breech Birth	Dr. Emsal Pınar TOPDAĞI YILMAZ	2	3	1	1,42	5	
KHD033	Pregnancy And Chronic Hypertension	Prof.Dr. Metin INGEÇ	1	3	7	7,14,19,30,34	6,11	
KHD034	Servical Intraepitelial Neoplasia	Prof.Dr.Bünyamin BÖREKÇİ	3	3	17,18	26,52	25,24,29	
KHD035	Abnormal Vaginal Bleeding	Dr. Gamze Nur CIMILLI ŞENOCAK	3	3	18,19	2,5,4,13		
KHD036	Gestational Trofoblastic Diseases	Prof.Dr.Yakup KUMTEPE	3	3	1,18	13		
KHD037	Endometrial Hyperplasils	Prof.Dr.Yakup KUMTEPE	1	3	1,18	29,39,52	15,16	
KHD038	Perinatal Infections	Dr. Emsal Pınar TOPDAĞI YILMAZ	3	3	6	21		
KHD039	Puerperal Infections	Dr. Emsal Pınar TOPDAĞI YILMAZ	2	3	6	21		
KHD040	Postpartum Bleedings	Prof.Dr. Metin	3	3	18	2,10,32,45		

		İNGEÇ						
KHD041	Cervical Cancer	Prof.Dr.Yakup KUMTEPE	3	3	18,17	57	21	
KHD042	Evaluation Of High Risk Pregnancy	Dr. Gamze Nur CIMILLI ŞENOCAK	3	3	7	36,42	3,4,5	
KHD043	Myoma Uteri	Prof.Dr.Ragıp Atakan AL	1	3	11,14,18	24	7	
KHD044	Auxiliary Reproductive Techniques	Prof.Dr.Bünyamin BÖREKÇİ	3	3	9			
KHD045	Malignant Diseases Of Vulva And Vagen	Prof.Dr.Yakup KUMTEPE	3	3	5,10,13			
KHD046	Multiple Pregnancy	Prof.Dr. Metin İNGEÇ	2	3	1	36,42		
KHD047	Hyperemesis Gravidarum	Dr. Emsal Pınar TOPDAĞI YILMAZ	1	3	2	47	17,5	
KHD048	Hirsutism And Hyperandrogenism	Prof.Dr.Yakup KUMTEPE	3	3	8	27,28,25		
KHD049	Operative Birth	Prof.Dr.Ragıp Atakan AL	3	3		1,10,53		
KHD050	Birth Induction	Prof.Dr.Ragıp Atakan AL	1	3		1,10,53,8		
KHD051	Ectopic Pregnancy	Prof.Dr.Bünyamin BÖREKÇİ	3	3	1	20		
KHD052	Third Trimester Hemorrhage	Yrd.Dr.Dr.Ömer Erkan YAPÇA	3	3	18	5,13		
KHD053	Prenatal Diagnosis	Prof.Dr. Metin İNGEÇ	3	3		35,40		
KHD054	Endometriosis	Prof.Dr.Bünyamin BÖREKÇİ	3	3	4,10,14	27,18		

6. LEARNING METHODS OF OBSTETRICS AND GYNECOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF OBSTETRICS AND GYNECOLOGY CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussionsı • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. "STUDENT TRAINEE REPORT" FOR OBSTETRICS AND GYNECOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV OBSTETRICS AND GYNECOLOGY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....		Date:...../...../.....	
Student Number:			
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic stories	4	5	
B. Physical Examination (General and Problem-Oriented)			
Abdominal examination	3	5	
Pregnant examination	3	5	
Evaluation of general condition and vital signs	3	5	
Gynecological examination	3	5	
C. Registration, Reporting and Notification			
Lighting and and get approval	3	5	
Preparing epicrisis	3	5	
To prepare patient file	3	5	
Ability to organize reporting and notification	3	5	
Ability to edit a recipe	3	5	
D. Laboratory Tests and Other Related Processes			
To be able to take the laboratory sample under appropriate conditions and to deliver it to the laboratory	3	5	
To be able to interpret the results of screening and diagnostic purposes	4	5	
To be able to examine the vaginal discharge sample (urogenital infection screening, preparation and care of fresh preparation) and evaluate	4	5	
E. Interventional and Non-Interventional Applications			
Ability to open vascular access	3	5	
To be able to take care of the mother after birth	4	5	
Hand washing	4	5	
Opening and sewing episiotomy	2	1	
To be able to follow up pregnant and maternity	3	5	
IM, IV, SC, ID injection	4	5	
Urinary catheter insertion	4	5	
Being able to take samples for culture	4	5	
Ability to have normal spontaneous delivery	2	2	
To be able to perform oral, rectal, vaginal and topical drug applications	3	5	
To be able to take vaginal and cervical samples	3	5	
Ability to throw and take superficial sutures	3	5	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN OBSTETRICS AND GYNECOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN OBSTETRICS AND GYNECOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 50 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP GUIDE

Code	TPT-505
Period	2 weeks

Type	Compulsory
ECTS	5

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	PHYSICAL MEDICINE AND REHABILITATION / Mehmet Beyazova-Yeşim Gökçe Kutsal
2.	Medical Rehabilitation / Hasan Oğuz
3.	Rheumatology / Şebnem Ataman-Peyman Yalçın

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM

12.	To be able to make a preliminary diagnosis or diagnosis by evaluating the anatomy, physiological features of the muscles and skeletal system, the signs and symptoms of the diseases affecting them.
13.	To demonstrate protective and rehabilitative approaches in situations that may cause musculoskeletal disability
14.	To learn and be able to apply the necessary treatment for pathologies of the musculoskeletal system
15.	To be able to make a preliminary diagnosis / diagnosis by evaluating the signs and symptoms of rheumatological diseases with a general approach
16.	To define emergencies for physical medicine and rehabilitation related with pathologies (including rheumatological diseases), to perform the necessary emergency treatment and to provide referral when necessary.
17.	To recognize the physical therapy modalities used in the treatment of diseases and to explain how to use in which disease
18.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
19.	To provide gaining the knowledge, skills and professionalism characteristics determined for the clerkship.

2. PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	5	5	4	4	4	3	4	4	4	5	4	4	5	4	4	5	4	4	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	5	5	4	4	5	3	4	4	5	4	4	4								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the physical medicine and rehabilitation clerkship period

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Dry mouth	12.	Dry eyes	23.	Chronic pain
2.	Wound in the mouth	13.	Weakness, fatigue	24.	Neuropathic pain
3.	Anemia	14.	Movement disorders	25.	Shoulder pain
4.	Fever	15.	Immobilization	26.	Paresthesia
5.	Low back and back pain	16.	Abdominal pain	27.	Paralysis
6.	Neck pain	17.	Muscle weakness	28.	Pelvic pain
7.	Problems with balance / movement	18.	Musculoskeletal pain (lower back, neck, back, hip and limb pain)	29.	Morning stiffness
8.	Skin rashes / lesions	19.	Weight loss	30.	Hair loss
9.	Changes in the skin and its appendages	20.	Cladication intermittant	31.	Recurrent falls
10.	Joint pain / swelling	21.	Speech disorders (aphasia, dysphasia, dysarthria, stuttering, etc.)	32.	Tetany
11.	Movement restriction in joints	22.	Cramp	33.	Difficulty in swallowing

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the physical medicine and rehabilitation clerkship period.

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1.Limb trauma / fractures 2.Facial paralysis 3.Drug side effects 4.Spine injuries 5.Cauda equina syndrome 6.Rheumatological emergencies
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations	1.Adhesive capsulitis 2.Familial Mediterranean fever 3.Alopecia 4.Amyloidosis 5.Ataxic disorders

<p>and direct it to the expert</p>	<ol style="list-style-type: none"> 6.Behçet's disease 7.Gout disease 8.Inflammatory bowel disease 9.Muscular diseases (myopathies) 10.Bone tumors 11.Complex regional pain syndrome 12.Speech disorders 13.Lymphedema / lipoma 14.Meniscus lesions 15.Shoulder impingement syndrome 16.Osteoporosis 17.Peripheral neuropathy 18.Polymyalgia rheumatica 19.Polymyositis and dermatomyositis 20.Reynaud's disease 21.Romatid arthritis 22.Sarcoidosis 23.Cervical myelopathy 24.Systemic lupus erythematosus 25.Sjogren's Syndrome 26.Scleroderma 27.Spinal cord compression syndrome 28.Spondyloarthropathies 29.Sleep disorder 30.Uveitis 31.Vasculitis
<p>In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<ol style="list-style-type: none"> 1.Acute rheumatic fever 2.Arthritis 3.Disc hernias 4.Limb trauma / fractures 5.Facial paralysis 6.Fibromyalgia 7.Medication side effects 8.Speech disorders 9.Torticollis 10.Spinal deformities
<p>In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)</p>	<ol style="list-style-type: none"> 1..Pressure ulcers 2.Vitamin D deficiency 3.Osteoarthritis 4.Tenosynovitis 5.Myofascial pain syndrome
<p>In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<ol style="list-style-type: none"> 1.Acute rheumatic fever 2.Pressure ulcers 3.Vitamin D deficiency 4.Disc herniation 5.Gout disease 6.Medication side effects 7.Lymphedema / Lipoedema 8.Spinal deformities 9.Osteoarthritis 10.Osteoporosis
<p>In the clinical problems mentioned in the column next to; Be able to follow up (F) in necessary cases</p>	<ol style="list-style-type: none"> 1.Familial Mediterranean Fire 2.Pressure ulcers 3.Vitamin D deficiency 4 Drug side effects 5.Lymphedema / Lipoedema 6.Osteoarthritis

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the PHYSICAL MEDICINE AND REHABILITATION clerkship period.

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	----
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	----
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	1.To be able to evaluate direct radiographs 2.Musculoskeletal system examination 3.Neurological examination 4.To be able to interpret the results of screening and diagnostic purposes
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	1. To apply the principles of rational drug use 2. Exercise and physical activity 3. Evaluation of general status and vital signs 4. To be able to take a general and problematic anamnesis 5. To prepare patient file 6. To apply IM, IV, SC, injection 7. To fill the request form for laboratory examination 8. Prescribe

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the **"Behavioral, Social and Humanities"** listed below during the physical medicine and rehabilitation clerkship period

PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES
2.Bağımlılık a. Alcohol b. Tobacco
4. Work and health interaction a. Occupational diseases b. Work-related diseases c. The effect of the disease on work and return to work after the disease (rehabilitation)
8. Difficulties in patient interaction e. malingering g. Frequent patient

14. Chronic / non-communicable diseases a. Monitoring and prevention of risk factors b. Management of risk factors c. Multimorbidity
19. Priority / disadvantaged groups a. Children with special needs (chronic health problems, neuro-developmental disorders) / disabled people c. Elders e. Pregnant women
25. Physical, mental activity and exercise a. Nutrition b. Physical, mental activity and exercise c. Sedentary life
30. Medical errors and unprofessional behavior a. Malpractice
35. Aging c. Multi-morbidity and polypharmacy

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of physical medicine and rehabilitation clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,

4. PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP - WEEKLY COURSE PROGRAM

Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Department staff in charge of practical training
	Taking an anamnesis, physical examination at the bedside in the clinic	09.00-10.00	Proff. Akın ERDAL
	The term of rehabilitation and methods of Physical medicine	10.00-11.00	Proff. Akın ERDAL
	Low back pain	11.00-12.00	
	Clinic (Group 1) Polyclinic (Group 2)	13.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
Tuesday	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Neck pain and rehabilitation	10.00-11.00	Assoc. Prof. Hülya UZKESER
	Spinal cord injury and rehabilitation	11.00-12.00	Assoc. Prof. Hülya UZKESER

	Clinic (Group 1) Polyclinic (Group 2)	13.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
Wednesday	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Rheumatoid arthritis and rehabilitation	10.00-11.00	Proff. Meltem A. Melikoğlu
	Spondyloarthropathies	11.00-12.00	Proff. Meltem A. Melikoğlu
	Elective / Freelance Work	13.00-17.00	
Thursday	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Soft tissue rheumatism	10.00-11.00	Assist. Prof. Fatih Baygutaalp
	Degenerative osteoarthritis and rehabilitation	11.00-12.00	Assist. Prof. Fatih Baygutaalp
	Case-Based Learning (CBL) Session 1	13.00-14.00	Department staff in charge of practical training
Friday	Clinic (Group 1) Polyclinic (Group 2)	13.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
	Physical examination practices at the clinic	08.00-12.00	Department staff in charge of practical training
	The term of pain and classification Metabolic bone diseases and rehabilitation		Assist. Prof. Fatih Baygutaalp Assist. Prof. Ayhan KUL
II. Week			
Monday	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Fibromyalgia	10.00-11.00	Proff. Akın ERDAL
	Ankylosing spondylitis	11.00-12.00	Proff. Akın ERDAL
	Case-Based Learning (CBL) Session 2	13.00-14.00	Department staff in charge of practical training
	Clinic (Group 1) Polyclinic (Group 2)	14.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
Tuesday	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Diseases of Collagen Tissue	10.00-11.00	Prof. Meltem A. Melikoğlu
	Crystal arthropathies	11.00-12.00	Prof. Meltem A. Melikoğlu
	Case-Based Learning (CBL) Session 3	13.00-14.00	Department staff in charge of practical training
Wednesday	Clinic (Group 1) Polyclinic (Group 2)	14.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Cerebral palsy and rehabilitation	10.00-11.00	Assoc. Prof. Hülya UZKESER
	Normal and pathologic gait	11.00-12.00	Assoc. Prof. Hülya UZKESER
Thursday	Elective / Freelance Work	13.00-17.00	
	Physical examination practices at the clinic	08.00-10.00	Department staff in charge of practical training
	Hemiplegia and rehabilitation	10.00-11.00	Assist. Prof. Ayhan KUL
	Sports injuries and rehabilitation	11.00-12.00	Assist. Prof. Bilgehan Öztop
Friday	Clinic (Group 1) Polyclinic (Group 2)	13.00-17.00	Proff. ERDAL, MELIKOGLU, Assoc. Prof. UZKESER, Assist. Prof. KUL and BAYGUTALP will work alternately.
	Practical exam	09.00-12.00	
	Theoretical exam	13.30-14.30	
	End of internship feedback meeting	14.30-15.00	

5. MATCHING PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	BSH Behavioral Social and Humanities
PMR 001	Information on internship and ethical and professional values in clinical practice	Department staff in charge of practical training	1					
PMR 002	Taking an anamnesis and physical examination	Department staff in charge of practical training	1	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2a, 2b, 4a, 4b, 4c, 8e, 8g, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c

PMR 003	The term of rehabilitation and methods of physical medicine	Dr. A. Erdal	1		3, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 22, 23, 24, 25, 26, 27, 29,	1, 2, 3, 4, 5, 6	1, 2, 3, 5, 6, 7	4a, 4b, 4c, 8e, 8g, 19a, 19c, 19e, 30a
PMR 004	Low back pain and rehabilitation	Dr. A. Erdal	1		3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 31	3, 5	1, 2, 3, 4, 5, 6, 7, 12	2a, 4a, 4b, 4c, 8e, 8g, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 005	Neck pain and rehabilitation	Dr. H. Uzkeser	1		3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 19, 23, 24, 25, 26, 27, 28, 29, 31	3, 5	1, 2, 3, 4, 5, 6, 7, 12	2a, 4a, 4b, 4c, 8e, 8g, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 006	Spinal Cord injury and rehabilitation	Dr. H. Uzkeser	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31	1	1, 2, 3, 4, 5, 6, 7	2b, 4a, 4b, 4c, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 007	Rheumatoid arthritis and rehabilitation	Dr. M.A. Melikoğlu	1		1, 2, 3, 4, 5, 6, 10, 11, 12, 13, 15, 17, 18, 19, 20, 22, 23, 24, 25, 28, 29, 31	2	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 008	Spondyloarthropathies	Dr. M.A. Melikoğlu	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 28, 29, 31	2	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 009	Soft tissue rheumatism	Dr. F. Baygatalp	1		1, 2, 3, 4, 7, 10, 11, 12, 13, 14, 15, 17, 18, 23, 24, 25, 29, 31	4	1, 2, 3, 4, 5, 6, 7	4a, 4b, 4c, 14a, 14b, 14c, 25b, 25c, 35c
PMR 010	Degenerative osteoarthritis and rehabilitation	Dr. F. Baygatalp	1		5, 6, 10, 11, 14, 15, 17, 18, 23, 25, 29, 31	4, 5	1, 3, 4, 5, 10, 11, 14	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 011	The term of pain and classification	Dr. F. Baygatalp	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6, 7, 11, 12, 14	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 012	Metabolic bone diseases and rehabilitation	Dr. A. Kul	1		1, 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22, 23, 24, 27, 29, 30, 31, 33	4, 5	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 013	Fibromyalgia	Dr. A. Erdal	1		1, 2, 3, 4, 5, 6, 10, 11, 12, 13, 14, 15, 17, 16, 17, 18, 19, 26, 27, 22, 23, 24, 25, 26, 27, 28, 29, 31	3	1, 3, 4, 5, 6, 7, 11, 14	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 014	Ankylosing spondylitis and rehabilitation	Dr. A. Erdal	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 28, 29, 31	2	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 015	Diseases of collagen tissue	Dr. M.A. Melikoğlu	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33	2	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c,
PMR 016	Crystal arthropathies	Dr. M.A. Melikoğlu	1		3, 4, 5, 6, 8, 10, 11, 13, 15, 16, 18,	2, 5	1, 2, 3, 4, 5, 6, 7	2b, 4c, 8e, 14a, 14b, 14c, 19a, 19c, 19e, 25a,

					23, 29			25b, 25c,
PMR 017	Cerebral palsy and rehabilitation	Dr. H. Uzkeser	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 20, 21, 22, 23, 25, 27, 31, 32, 33	2	1, 2, 3, 5, 6,	2b, 4a, 4b, 4c, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 018	Normal and pathological gaits	Dr. H. Uzkeser	1		3, 5, 7, 10, 11, 13, 14, 15, 17, 18, 20, 22, 23, 24, 26, 27, 29, 31, 32	2	1, 2, 3, 4, 5, 6,	2b, 4a, 4b, 4c, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 019	Hemiplegia and rehabilitation	Dr. A. Kul	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 31, 33	1, 5, 6	1, 2, 5, 6, 12, 13	2b, 4a, 4b, 4c, 14a, 14b, 14c, 19a, 19c, 19e, 25a, 25b, 25c, 30a, 35c
PMR 020	Sports injuries and rehabilitation	Dr. B.Öztop	1		5, 6, 7, 8, 10, 11, 14, 17, 18, 20, 22, 25, 28, 31	1, 3	1, 2, 3, 4, 5, 6, 7, 10, 12, 13	14a, 14b, 14c, 25b, 25c, 35c
PMR 021	Service visit		1	1				
PMR 022	Notification of the aims and objectives of the internship meeting	Head of internship commission	1					
PMR 023	Post-internship feedback meeting	Head of internship commission	1					

6. LEARNING METHODS OF PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM

LEARNING METHODS OF PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. “STUDENT TRAINEE REPORT” FOR PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic anamnesis	4	2*	
B. Physical Examination (General and Problem-Oriented)			
Evaluation of general status and vital signs	4	2*	
Musculoskeletal system examination	3	2*	
Neurological examination	3	2*	
C. Registration, Reporting and Notification			
Preparing a patient file	4	2*	
Prescribe	4	10*	
D. Laboratory Tests and Other Related Processes			
To be able to evaluate direct radiographs	3	2*	
Filling the request form for laboratory examination	4	2*	
To be able to interpret the results of screening and diagnostic purposes	3	2*	
E. Interventional and Non-Interventional Applications			
To be able to apply rational drug use principles	4	2*	
Applying IM, IV, SC, injections	4	1*	
H. Healthiness			
Exercise and physical activity	4	2*	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (practice exam) (out of 5 point) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical/interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70%) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the practical-oral and theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV PEDIATRIC SURGERY CLERKSHIP GUIDE

Code	T-1 SÇL
Period	2 WEEKS

Type	Compulsory/Elective
ECTS	5

PEDIATRIC SURGERY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

PEDIATRIC SURGERY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. PEDIATRIC SURGERY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE PEDIATRIC SURGERY CLERKSHIP PROGRAM

1	To be able to make a preliminary diagnosis and diagnosis of important, common diseases by considering the learning objectives specified in the core training program at the end of the pediatric surgery clerkship.
1	To be able to make a preliminary diagnosis by evaluating the anatomy, physiological features of the abdomen, thorax and urogenital organs, the signs and symptoms of the diseases affecting them.
1	To be able to perform emergency treatment by defining emergencies (acute abdomen, emergency approach to trauma, pneumothorax) for pediatric surgery.
1	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
1	To be able to provide the referral of the patient in appropriate conditions after emergency intervention and treatment
1	To gain the knowledge, skills and professionalism provided for the clerkship.

2. PEDIATRIC SURGERY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	3	5	4	3	4	3	4	4	5	4	5	4	3	5	4	4	3	4	5	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	4	3	3	3	3	2	3	4	4	3	4								

Contribution levels: no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE PEDIATRIC SURGERY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Pediatric Surgery clerkship period

PEDIATRIC SURGERY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Apnea	11	Hematuria	21	Corrosive exposure
2.	Fever	12	Urinary retention	22	Ambiguous genitalia
3.	Encopresis	13	Undescended testis	23	Colic pains (renal, biliary, intestinal)
4.	Mass on the neck	14	Constipation	24	Problems with height and diving (pressure change)
5.	Nausea and vomiting	15	Accidents (Home-work-traffic accidents, falling, drowning)	25	Melena-Hematemesis
6.	dysphagia	16	Abdominal pain	26	Pelvic pain
7.	Dyspnea	17	Mass in the abdomen	27	Icterus
8.	Dysuria	18	Mass in the groin / scrotum	28	Urinary incontinence
9.	Enuresis	19	Lymphadenopathy		
10.	Hematoecesia / Rectal bleeding	20	Foreign body (swallowing / aspiration)		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Pediatric Surgery clerkship period.

PEDIATRIC SURGERY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Acute abdominal Syndrom 2. Appendicitis 3. Ileus 4. Pneumothorax 5. Lower gastrointestinal bleeding 6. Foreign body / aspiration 7. Abdominal wall / Groin hernias 8. Obstructive uropathy 9. Stone disease of the urinary system 10. Upper gastrointestinal bleeding 11. Trauma and injuries 12. Intussusception 13. Testicular torsion 14. Intestinal obstruction in newborn 15. Diaphragmatic hernias 16. Gastro - esophageal reflux 17. Genito-urinary trauma 18. Intussusception
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	19. Congenital structural anomalies (anorectal malformations, biliary atresia, branchial anomalies, Hirschspung's disease, malrotation) Head and neck cancers 20. Achalasia

	<ul style="list-style-type: none"> 21. Enuresis, encopresis 22. Diaphragmatic hernias 23. Esophageal atresia 24. Cholecystitis, Cholelithiasis 25. Neuroblastoma 26. Pyloric stenosis 27. Thyroglossal cyst 28. Wilms' tumor 29. Necrotizing enterocolitis in newborn 30. Hydrocele 31. Abdominal wall / Groin hernias 32. Perianal abscess 33. Pyloric stenosis
<p>In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<ul style="list-style-type: none"> 34. Acute Abdominal Syndrome 35. Lower gastrointestinal bleeding 36. Abdominal wall / Groin hernias 37. Obstructive uropathy 38. Stone disease of the urinary system 39. Upper gastrointestinal bleeding 40. Foreign body aspiration 41. Phimosis and paraphimosis 42. Hydrocele 43. Hypospadias, epispadias 44. Ileus 45. Esophageal atresia 46. Torticollis 47. Foreign body aspiration
<p>In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)</p>	<ul style="list-style-type: none"> 48. Gastro - esophageal reflux 49. Anal fissure 50. Perianal abscess 51. Fluid and electrolyte (sodium, potassium, calcium, magnesium, phosphorus) balance disorders 52. Urinary system infections
<p>In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<ul style="list-style-type: none"> 53. Gastro - esophageal reflux 54. The liquid electrolyte (Na, K, Ca, Mg, P) imbalance 55. Congenital structural anomalies (anorectal malformations, biliary atresia, branchial anomalies, Hirschspung's disease, malrotation)

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Pediatric Surgery clerkship period.

PEDIATRIC SURGERY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	<ol style="list-style-type: none"> 1. To be able to take general and problematic anamnesis 2. Abdominal examination 3. Child and newborn examination 4. Inguinal hernia examination 5. Testicular examination 6. Urological examination 7. Forensic case examination 8. Digital rectal examination
Skills specified in the adjacent column; In an emergency, performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	<ol style="list-style-type: none"> 9. To be able to take general and problematic anamnesis 10. Respiratory system examination 11. Abdominal examination 12. Urogenital examination 13. Preparing epicrises 14. To prepare patient file 15. Prescribing a recipe 16. To be able to prepare treatment refusal document 17. To be able to apply the principles of working with biological material 18. To be able to provide decontamination, disinfection, sterilization, antisepsis 19. To be able to filling the request form for laboratory examination 20. To be able to take the laboratory sample properly and deliver it to the laboratory 21. Hand washing

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Pediatric Surgery clerkship period

PEDIATRIC SURGERY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	<ol style="list-style-type: none"> 3. Accidents <ol style="list-style-type: none"> a. Home accidents b. Traffic accidents 4. Child Neglect and Abuse <ol style="list-style-type: none"> a. Abuse (physical, emotional, sexual)

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Pediatric Surgery clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE PEDIATRIC SURGERY CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes.

8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. PEDIATRIC SURGERY CLERKSHIP - WEEKLY COURSE PROGRAM

PEDIATRIC SURGERY CLERKSHIP - WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information About Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Prof Dr. Murat YİĞİTER
	Embryology	09.00-10.00	Proff. A. Bedii SALMAN
	Intussiseption	10.00-11.00	Proff. Murat YİĞİTER
	Liquid-Electrolit Therapy	11.00-12.00	Asst. Prof. Binali FIRINCI
	Clinical Trial	13.00-16.00	
	Visit	16:00-17:00	Asst. Prof. Özgür ÇAĞLAR
Tuesday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Solid Tumors of Childhood (Wilms, Neuroblastoma, Teratoma)	09.00-10.00	Proff. A. Bedii SALMAN
	VUR and Urinary Anomalies	10:00-11:00	Proff. Murat YİĞİTER
	Hirschsprung Disease	13:00-15:00	Asst. Prof. Özgür ÇAĞLAR
	Abdominal Traumas	15:00-16:00	Asst. Prof. Özgür ÇAĞLAR
Visit	16:00-17:00	Asst. Prof. Binali FIRINCI	
Wednesday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Intestinal Atresia	09.00-10.00	Proff. Murat YİĞİTER
	Thoracal Traumas	10:30-11:30	Asst. Prof. Özgür ÇAĞLAR
	Free Work / Elective Course	14:00-17:00	
Thursday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Undescended Testis, Acute Scrotum	10.00-11.00	Asst. Prof. Binali FIRINCI
	Patient Presentation	13:00-14:00	Asst. Prof. Özgür ÇAĞLAR/ Asst. Prof. Binali FIRINCI
	Case-Based Learning (CBL) Session 1	14:00-16:00	Asst. Prof. Özgür ÇAĞLAR/ Asst. Prof. Binali FIRINCI
	Polyclinic practice	15.00-16.00	Proff. Murat YİĞİTER
Friday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Diaphragmatic Hernias	10.00-11.00	Proff. A. Bedii SALMAN
	Masses of Head and Neck	11.00-12.00	Proff. A. Bedii SALMAN
	Corrosive Esophagus Damages	13:00-14:00	Asst. Prof. Özgür ÇAĞLAR
	Surgical Diseases of Inguinal Region	14:00-15:00	Asst. Prof. Binali FIRINCI
	Visit	16:00-17:00	Asst. Prof. Binali FIRINCI
II. Week			
Monday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Anorectal Malformations	09.00-10.00	Proff. A. Bedii SALMAN
	Esophageal Atresia	10:00-11:00	Prof Dr. Murat YİĞİTER
	Polyclinic practice	11:00-12:00	Asst. Prof. Binali FIRINCI
	Omphalocele + Gastroschisis	14:00-15:00	Asst. Prof. Binali FIRINCI
	Visit	16:00-16:30	Asst. Prof. Özgür ÇAĞLAR
Tuesday	Visit	08.00-09.00	Proff. A. Bedii SALMAN/ Proff. Murat YİĞİTER
	Congenital Hypertrophic Pyloric Stenosis	09:00-10:00	Prof Dr. Murat YİĞİTER
	Surgical Practice	10:00-12:00	Asst. Prof. Özgür ÇAĞLAR
	Case-Based Learning (CBL) Session 3	13:00-14:00	Asst. Prof. Özgür ÇAĞLAR/ Asst. Prof. Binali FIRINCI
	Urinary System Traumas	14:00-15:00	Asst. Prof. Özgür ÇAĞLAR
	Visit	16:00-17:00	Asst. Prof. Binali FIRINCI

Wednesday	Visit	08.00-09.00	Prof. A. Bedii SALMAN/ Prof. Murat YIĞİTER
	Abdominal Pain in Childhood, Appendicitis	09:00-10:00	Asst. Prof. Özgür ÇAĞLAR
	Congenital urogenitally Anomalies	10.00-11.00	Asst. Prof. Binali FIRINCI
	Free Work / Elective Course	14:00-17:00	
Thursday	Visit	08.00-09.00	
	Vitellin Channel Residues, Meckel Diverticulum, Umbilical Hernias	09.00-10:00	Asst. Prof. Binali FIRINCI
	Polyclinic practice	13:00-15:00	Asst. Prof. Binali FIRINCI
	Surgical Practice	15:00-16:00	Asst. Prof. Özgür ÇAĞLAR
	Visit	16:00-17:00	Asst. Prof. Binali FIRINCI
Friday	Visit	09.00-09.00	Prof. A. Bedii SALMAN/ Prof. Murat YIĞİTER
	EXAM (Practical – Theoric)	09.30	Prof. A. Bedii SALMAN Prof. Murat YIĞİTER Asst. Prof. Özgür ÇAĞLAR Asst. Prof. Binali FIRINCI
	Post-Internship Evaluation		

5. MATCHING PEDIATRIC SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING PEDIATRIC SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES							
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices
CCER01	Embryology	Prof. Dr. A. Bedii SALMAN	1			11,12,	1
CCER02	Liquid-Electrolit Therapy	Dr. Öğr. Üyesi Binali FIRINCI	2	2		1,2,5,7,8,40	3
CCER05	Solid Tumors of Childhood (Wilms , Neuroblastoma, Teratoma)	Prof. Dr. A. Bedii SALMAN	3	1	1,2	12,18,21	1,9,11,12
CCER06	Omphalocele + Gastroschisis	Asst. Prof. Binali FIRINCI	1	1	17	1,12,41	1,2,9,11,
CCER07	Childhood Tumors (Neuroblastoma)	Prof. Dr. A. Bedii SALMAN	1		1,2		1,9,11
CCER08	Congenital urogenitally Anomalies (Epispadias, Hypospadias)	Asst. Prof. Binali FIRINCI	1	1	8,9,11,20,22	5,12	
CCER11	Undescended Testis/ Acute Scrotum	Asst. Prof. Binali FIRINCI	1	1	18,26	4,10	2,4,5
CCER12	Diaphragmatic Hernias	Prof. Dr. A. Bedii SALMAN	1	1	7	12	
CCER13	Corrosive Esophagus Damages	Asst. Prof. Özgür ÇAĞLAR	1		5,6,23,29	3,	
CCER14	Masses of Head and Neck	Prof. Dr. A. Bedii SALMAN	1	1	4	12	3
CCER15	Surgical Diseases of Inguinal Region	Asst. Prof. Binali FIRINCI	1	2	18	4,25	4
CCER16	Esophageal Atresia	Prof. Dr. Murat YIĞİTER	1	1	16,17	34	3
CCER17	Posterior Urethral valve and urethral anomalies	Asst. Prof. Binali FIRINCI	1	1	8,9,11,20,22	5,12	
CCER18	Anorectal Malformations	Asst. Prof. Binali FIRINCI	1	1	1,14,26	12,15	9,10
CCER19	Congenital Hypertrophic Pyloric Stenosis	Prof. Dr. Murat YIĞİTER	1		5	19	2
CCER20	Genito - Urinary System Traumas	Asst. Prof. Özgür ÇAĞLAR	1	2	8,11,12	8	10
CCER21	Necrotizan Enterocolitis	Prof. Dr. Murat YIĞİTER	1		1,5	1,2,11,22	3

CCER22	Intussusception	Prof. Murat YIĞİTER	1		1,5	1,2,7,23,28,40	1,2,9
CCER23	Vitellin Channel Residues, Meckel Diverticulum	Asst. Prof. Binali FIRINCI	1		1,5	1,2,7,23,28,40	1,2,9
CCER24	Intestinal Atresia	Prof. Murat YIĞİTER	1	1	1,5,17	1,11	1,2
CCER25	Ovarian Torsion and Ovarian Masses	Asst. Prof. Özgür ÇAĞLAR	1	1	16,	1,23	2
CCER26	Approaches to Abdominal Pain in Childhood	Prof. Murat YIĞİTER	1	1	1,5	1,2,7,23,28,40	1,2,9
CCER27	Hirschsprung Disease	Asst. Prof. Özgür ÇAĞLAR	1		1,5,16	1,15,23	1,2,9,12
CCER28	Abdominal Traumas	Asst. Prof. Özgür ÇAĞLAR	1	1	1,5,6,16,26,25	1,2,23,24	1,2,3,7,8,9,13
CCER29	VUR and Ureter Anomalies	Prof. Murat YIĞİTER	1		8,9,11,26	5,6,26,27	1,6,13

6. LEARNING METHODS OF PEDIATRIC SURGERY CLERKSHIP PROGRAM

LEARNING METHODS OF PEDIATRIC SURGERY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> Structured learning activities in clinical skill laboratories and simulated patient centers Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences On-the-job learning and assessment Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures Interdisciplinary learning activities (meetings, panels, group discussions) Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) CBL (Case-based learning) Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> Critical situation discussions Reflection sessions Written visual texts readings and interpretations Student development file (portfolio) application On-the-job learning and assessment (MiniPET)

7. “STUDENT TRAINEE REPORT” FOR PEDIATRIC SURGERY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV PEDIATRIC SURGERY CLERKSHIP
STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking an Anamnesis			
To be able to take general and problematic anamnesis	4	1*	
B. General and Problem-Oriented Physical Examination			
Abdominal Examination	3	1,2,3,*	
Genitourinary System Examination	3	1*	
C. Record Keeping, Reporting and Notification			
Writing prescriptions	4	1*	
Preparing a patient file	4		
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	3	
Filling the request form for laboratory examination	4	3	
To be able to interpret the results of scanning and diagnostic purposes	3	3*	
E. Interventional and Non-Interventional Applications			
Inguinal Hernia Reduction (*)	3	1,2	
Follow-up of the Patient After Surgery (with Assistant)	3	1,3	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			

**Teaching Staff
Date and Sign**

**Head of Department
Date and Sign**

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN PEDIATRIC SURGERY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN PEDIATRIC SURGERY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85 %)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 20 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision)• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION VI RADIOLOGY CLERKSHIP GUIDE

Code	TPT-405
Period	2 weeks

Type	Compulsory
ECTS	3

RADIOLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	E.Tuncel Clinically Radiology 2012
2.	Michael Y.M. Chen, Thomas L. Pope, David J. Ott, Lange Basic Radiology, Second edition, 2011, The McGraw-Hill Companies
3.	Mukesh Harisinghani John Chen Ralph Weissleder, Primer of Diagnostic Imaging, 6th Edition, 2018, Elsevier

RADIOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “Ataturk University Faculty of Medicine Trainee Report” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles” .
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “http://anket.atauni.edu.tr” . The participation link to the survey will be sent to the students by the dean’s management.

1. RADIOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE RADIOLOGY CLERKSHIP PROGRAM

1.	General radiology knowledge, choosing appropriate radiological methods, typical radiological diseases to gain the skills of recognizing the findings and making differential diagnosis.
2.	To be able to make a preliminary diagnosis / diagnosis by identifying emergency radiological conditions
3.	To gain the ability to explain what should be considered in the selection of imaging methods to be requested for diagnosis, the sensitivity and limitations of examination methods.
4.	To gain the ability to evaluate radiographs
5.	To learn the basic indications of ultrasonography, Doppler ultrasonography, computed tomography and magnetic resonance imaging indications and advanced imaging methods
6.	To be able to gain the knowledge, skills and professionalism characteristics determined for the internship

2. RADIOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	4	5	2	5	4	5	3		5	4		3				5	4		4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	5	3		5	5	5	5	5	4	4	4								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE RADIOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: During the Term VI Radiology Internship, the list could not be arranged separately for the Radiology internship, since the faculty may include a significant portion of the symptoms / conditions included in the core training program.

B. In terms of knowledge: : As the faculty may cover a significant portion of the diseases / clinical problems in the core training program during the Term VI Radiology Internship, no list was drawn up for the Radiology internship.

C. In terms of skill: It is expected to gain the ability to practice at the level determined in "Basic Medicine Practices" listed below during the Radiology clerkship period.

RADIOLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	"-----"
Skills specified in the adjacent column; In an emergency, performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	"-----"
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	1. To recognize radiological anatomy 2. To be able to explain the biological effects of radiation 3. Explaining the side effects of contrast agents used in radiology and planning their treatment 4. To determine the priority radiological examination according to clinical findings 5. To distinguish the radiological views normally and pathologically 6. To be able to interpret the pathological radiological findings in basic systems (central nervous system, thorax, cardiovascular system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological) 7. To explain radiological emergencies according to the systems 8. To associate radiological findings with clinical information
Skills specified in the adjacent column;	9. To be able to explain the pathological radiological findings in basic systems (central nervous system, thorax, cardiovascular

<p>Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application</p> <p>(LEARNING LEVEL 4)</p>	<p>system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological) within cause-effect relationships</p> <p>10. To be able to read and evaluate direct radiographs</p> <p>11. To be able to interpret the radiological examination results for screening and diagnostic purposes</p> <p>12. Informing the patient and getting patient approval form</p> <p>13. To apply the principles of working with biological material</p> <p>14. To be able to provide decontamination, disinfection, sterilization, antiseptics.</p> <p>15. Hand washing</p>
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D. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Radiology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE RADIOLOGY CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Adequate illumination of the patient on radiological imaging modalities 15. To obtain informed consent in terms of interventional radiological procedures to be applied to the patient,

4. RADIOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

SECTION VI RADIOLOGY INTERNSHIP PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.30-09.00	Lecturer in charge of internship
	Basic Radiology Physics	09.00-11.00	Asst. Prof. BAYRAKTUTAN
	Elective / Freelance Work	11.00-12.00	
	Obstetrics and Genital Radiology	13.30-15.30	Dr. F. GÜVEN
Tuesday	Radiology practice	15.30-17.00	Lecturer in charge of internship
	Respiratory System Radiology	09.00-11.00	Dr. A. KARAMAN
	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Case-Based Learning (CBL) Session 1	13.30-15.30	Dr. B. ÇANKAYA
Wednesday	Uroradiology I-II	15.30-17.00	Dr. G.POLAT
	Gastrointestinal System Radiology I-II	09.00-11.00	Dr. R. SADE
	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Non-Vascular Interventional Radiology	13.30-15.00	Dr. S.EREN
Thursday	Neuroradiology I-II	15.00-17.00	Dr. H. OĞUL
	Elective / Freelance Work	16.30-17.00	
	Forensic Radiology and Algorithm of Emergency Radiology	09.00-11.00	Dr. A. KANTARCI
	Vascular Interventional Radiology	11.00-12.00	Dr. S. EREN
Friday	Radiology and Radiological Algorithm of Acute Abdomen	13.30-15.30	Asst. Prof. BAYRAKTUTAN
	Radiology practice	15.30-17.00	Lecturer in charge of internship
	Vascular System Radiology I-II	09.00-11.00	Dr. B. ÇANKAYA

	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Case-Based Learning (CBL) Session 2	13.30-15.30	Dr. B. PIRIMOĞLU
	Independent Working Hour	15.30-17.00	
	II. Week		
Monday	Musculoskeletal Radiology I-II	09.00-11.00	Dr. H. OĞUL
	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Pediatric Radiology	13.30-15.30	Dr. B. PIRIMOĞLU
	Independent Working Hour	15.30-17.00	
Tuesday	Abdomen Radiology	09.00-11.00	Dr. F. ALPER
	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Breast Radiology	13.30-15.30	Dr. F. ALPER
	The diagnosis and management of acute ischemic stroke	15.30-16.30	Dr. R. SADE
	Independent Working Hour	16.30-17.00	
Wednesday	Case-Based Learning (CBL) Session 3	09.00-11.00	Dr. E. GÖZGEÇ
	Radiology practice	11.00-12.00	Lecturer in charge of internship
	Head and Neck Radiology	13.30-15.30	Dr. E. GÖZGEÇ
	Radiology practice	15.30-17.00	Lecturer in charge of internship
Thursday	Genito-urinary System Radiology	09.00-10.00	Dr. F. GUVEN
	Cardiac Vascular Anatomy and Radiologic Imaging	10.00-12.00	Dr. A.KANTARCI
	Independent Working Hour	13.30-17.00	
Friday	Exam	09.30	
	The feedback meeting after internship program		Seminar Room

5. MATCHING RADIOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Basic Medical Practices
RAD001	Basic Radiology Physics	Dr. U. Bayraktutan	1		2,3
RAD002	Female Genital System and Pregnancy Radiology	Dr. F. GUVEN	1,5		1,4-9
RAD003	Respiratory System Radiology	Dr. A. KARAMAN	2		1,4-9
RAD004	CBL (Case-based learning), 1st seance)	Dr. B. ÇANKAYA		2	1,6,8, 9,10
RAD005	Uroradiology I-II	Dr. G. POLAT	1,5		1,4-9
RAD006	Gastrointestinal System Radiology I-II	Dr. R. SADE	2		1,4-9
RAD007	Vascular Interventional Radiological Procedures	Dr. S.EREN	1		1,12-15
RAD008	Neuroradiology	Dr. H. OĞUL	1		1,4-9,11
RAD009	Radiological Approach and Emergency Radiological Approach in Forensic Cases	Dr. A. KANTARCI	2		1,7-9,11
RAD010	Non-Vascular Interventional Radiological Procedures	Dr. S.EREN	1,5		1,12-15
RAD011	Emergency Abdominal Radiology and Radiological Algorithm	Dr. U. Bayraktutan	2		1,4-9
RAD012	Circulatory System Radiology	Dr. B. ÇANKAYA	2		1,4-9
RAD013	CBL (Case-based learning), 2st seance)	Dr. B. PIRIMOĞLU		2	1,6,8,9,10
RAD014	Musculoskeletal System Radiology	Dr. H. OĞUL	2		1,4-9
RAD015	Pediatric Radiology	Dr. B. PIRIMOĞLU	1		1,4-9,10,11
RAD016	Abdominal Radiology	Dr. F. ALPER	2		1,4-9,10
RAD017	Breast Radiology	Dr. F. ALPER	2		1,4-9,10,11
RAD018	Acute Stroke Diagnosis and Treatment	Dr. R. SADE	1		1,6-9
RAD019	CBL (Case-based learning), 3st seance)	Dr. E. GÖZGEÇ		2	1,6,8,9,10
RAD020	Head and Neck Radiology	Dr. E. GÖZGEÇ	1		1,4-9

RAD021	Genitourinary System Radiology	Dr. F. GUVEN	1		1,4-9
RAD022	Cardiac Vascular Anatomy and Radiological Imaging	Dr. A. KANTARCI	2		1,4-9
RAD023	Radiography, IVP, Fluoroscopy, Mammography Practice			6	1,4-11
RAD024	US and Doppler US Practice			5	1,4-9,11
RAD025	Practice of CT and MRI evaluation			6	1,4-9,11
RAD026	Interventional Radiology Practice			5	1,4-11
RAD027	Notification meeting of the aims and objectives of the internship	Head of internship commission	1		
RAD028	Post-internship feedback meeting	Head of internship commission	1		

6. LEARNING METHODS OF RADIOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF RADIOLOGY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Gamification, psychodrama • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR RADIOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV RADIOLOGY CLERKSHIP
STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level **	Number of Applications	Teaching Staff Approve (Date)
1.Radiological anatomy recognition	1	5	
2. To explain the biological effects of radiation	1	1	
3. Describing the side effects of contrast agents used in radiology and planning their treatment	3	1*	
4. To determine the priority radiological examination according to clinical findings	3	1*	
5. To be able to distinguish the radiological views normally and pathologically	2	5*	
6.To be able to interpret the pathological radiological findings in basic systems (central nervous system, thorax, cardiovascular system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological)	2	5*	
7. To explain radiological emergencies according to the systems	3	5	
8. To be able to associate radiological findings with clinical information	3	5	
9. To be able to explain the pathological radiological findings in basic systems (central nervous system, thorax, cardiovascular system, abdomen, musculoskeletal system, breast, pediatric, obstetric and gynecological) within cause-effect relationships.	2	5*	
10. To be able to read and evaluate direct radiographs	3	10	
11. To be able to interpret the radiological examination results for screening and diagnostic purposes	3	10	
12. Informing the patient and getting patient approval form	1	3*	
13. To apply the principles of working with biological material	2	3	
14. To be able to provide decontamination, disinfection, sterilization, antiseptis.	2	3	
15. Hand washing	4	5	

I-Total Basic Medicine Practice score (out of 10 point)

II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)

Total Professionalism score (out of 10 point)

TOTAL SCORE FROM TRAINEE REPORT (out of 20 point)

Teaching Staff
Date and Sign

Head of Department
Date and Sign

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN RADIOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN RADIOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (20%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (10 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration. Contribution to the practice-oral exam at the end of the internship (10%). • Practical and Oral Examination: It is carried out in the form of direct observation and evaluation of practical / observational and interventional skills. Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating radiological information). Total contribution to the Practical-Oral Examination (80 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 50 multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV FAMILY MEDICINE CLERKSHIP GUIDE

Code	TPT-402
Period	2 weeks

Type	Elective
ECTS	6

FAMILY MEDICINE CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Rakel Family Medicine Textbook
2.	McWhinney Essential of Family Medicine

FAMILY MEDICINE CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. FAMILY MEDICINE CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE FAMILY MEDICINE CLERKSHIP PROGRAM

7.	To teach the definition, characteristics, history and functioning of Family Medicine
8.	To teach biopsychosocial approach in Family Medicine
9.	To teach medical history and physical examination in Family Medicine
10.	To teach the necessity of keeping records, and reporting in Family Medicine
11.	To teach laboratory tests and other related procedures in Family Medicine
12.	To teach the management of common diseases in Family Medicine
13.	To teach preventive medicine applications in Family Medicine
14.	To teach health services to improve general health in family medicine
15.	To teach emergency response at primary level and to provide patient referral under appropriate conditions.
16.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. FAMILY MEDICINE CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program

Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	5	5	5	4	4	3	3	1	4	4	4		3	3			3	3	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	4	4	4	4	1	1	1												

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE FAMILY MEDICINE CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Family Medicine clerkship period

FAMILY MEDICINE CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS		
1. Dry mouth	7. Runny nose / congestion	13. Breast lumps
2. Anemia	8. Growth-developmental retardation	14. Polydipsia
3. Anxiety	9. Mood changes	15. Polyuria
4. Fever	10. Hypertension	16. Postnasal discharge
5. Headache	11. Suicide (Thought, attempt) / Self-harm	17. Tobacco use
6. Sore throat	12. Weight gain / excess	18. Halsizlik/yorgunluk

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Family Medicine clerkship period.

FAMILY MEDICINE CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Appendicitis 2. Hemorrhagic diseases of the newborn 3. Cardiopulmonary arrest
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	1. Sexual dysfunctions 2. Physical symptom disorders 3. Cystic fibrosis 4. Chromosome diseases (common) 5. Breast diseases and tumors 6. Secondary hypertension 7. Sleeping disorders 8. Attention deficit and hyperactivity disorder 9. Pheochromocytoma 10. Panic disorder 11. Sleep - apnea syndrome
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	1. RH incompatibility during pregnancy 2. Depression 3. Hyperemesis gravidarum 4. Metabolic syndrome 5. Obesity 6. Newborn jaundice

In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	<ol style="list-style-type: none"> 1. Vitamin D deficiency 2. Iron deficiency anemia 3. Diabetes mellitus and complications 4. Essential hypertension 5. Conjunctivitis in newborns 6. Upper respiratory infections 7. influenza
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	<ol style="list-style-type: none"> 1. RH incompatibility during pregnancy 2. Risky pregnancy 3. Cervical tumors 4. Metabolic disorders in newborn 5. Upper respiratory tract infections
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	<ol style="list-style-type: none"> 1. Iron deficiency anemia 2. Depression 3. Diabetes mellitus and its complications 4. Essential hypertension 5. Metabolic syndrome 6. Obesity 7. Gestational diabetes

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Family Medicine clerkship period.

FAMILY MEDICINE CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	To be able to identify risk groups in the society
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients	<ol style="list-style-type: none"> 1. Immunization-in childhood and adults 2. Healthy Infant Monitoring 3. Exercise and physical activity 4. Follow-up and periodic health examinations at different stages of life (pregnancy, birth, puerperium, newborn, childhood, adolescence, adulthood, old age)

<p>and their relatives and does the application</p> <p>(LEARNING LEVEL 4)</p>	<ul style="list-style-type: none"> 5. Healthy eating 6. Pre-marriage screening program 7. Developmental hip dysplasia screening program 8. Vision screening programs 9. Hearing screening programs 10. Newborn metabolic and endocrine disease screening program 11. Periodic health examination (vision, hearing, metabolic diseases, vaccination of risky groups, cancer screening) 12. Ability to teach breast self-examination 13. Immunization counseling 14. To be able to carry out immunization services 15. To teach the correct breastfeeding methods
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D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Family Medicine clerkship period

FAMILY MEDICINE CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	<p>2. Addiction</p> <ul style="list-style-type: none"> b. Tobacco
	<p>5. Environment and health interaction</p> <ul style="list-style-type: none"> a. Healthy nutrition and food policies
	<p>8. Difficulties in physician-patient interaction</p> <ul style="list-style-type: none"> a. Incompatibility / rejection to preventive and therapeutic applications (eg vaccine instability) g. Bodily symptoms triggered by somatization / psycho-social factors
	<p>9. Priority / disadvantaged groups</p> <ul style="list-style-type: none"> a. to. pregnant women
	<p>10. Legal and ethical situations</p> <ul style="list-style-type: none"> a. Professional duties and obligations b. Legal and ethical differences and dilemmas in medical practices d. The legal nature and ethical dimension of the physician-patient relationship g. Ethical situations in medical record, prescription and report writing
	<p>12. Unemployment and poverty</p> <ul style="list-style-type: none"> c. Individual's psycho-social well-being d. Community and family health
	<p>20. Psychological and social well-being</p> <ul style="list-style-type: none"> a. Health in different stages of life b. Family health, family support
	<p>25. Health conditions</p> <ul style="list-style-type: none"> a. Nutrition b. Physical, mental activity and exercise c. Sedentary life h. Maternal and child health j. Health promotion l. immunization p. Health scans
	<p>31. Professionalism in Medicine</p> <ul style="list-style-type: none"> c. Professional values, professional identity development and historical perspective, being open to professional and individual development

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Family Medicine clerkship

**ATTITUDES THAT SHOULD BE GAINED FOR *PROFESSIONALITY* DURING THE FAMILY
MEDICINE CLERKSHIP**

1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Rights-based health approach
3. Communication skills, communication in difficult situations, interpersonal relations and teamwork
4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism / ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. FAMILY MEDICINE CLERKSHIP - WEEKLY COURSE PROGRAM

Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.50	Asst. Prof. M. BAYRAKTAR
	ÇEP Teaching Targets	10.00-11.50	Asst. Prof. M. BAYRAKTAR
	Family Medicine and Management of ASM	13.30-15.20	Asst. Prof. M. BAYRAKTAR
	Independent Working Hour	15.30-17.00	
Tuesday	Pediatric physical examination and medical history	08.00-08.50	Assoc. Prof. Y. ÇAYIR
	Healthy Children Follow-up-1	09.00-09.50	Assoc. Prof. Y. ÇAYIR
	Healthy Children Follow-up-2	10.00-10.50	Assoc. Prof. Y. ÇAYIR
	Vaccines-1	11.00-11.50	Assoc. Prof. Y. ÇAYIR
	Vaccines-2	13.30-14.20	Assoc. Prof. Y. ÇAYIR
	Newborn Care in Family Medicine	14.30-15.20	Assoc. Prof. Y. ÇAYIR
Wednesday	Independent Working Hour	15.30-17.00	
	Practices of prescription in the area	08.00-11.50	
Thursday	Elective / Freelance Work	13.30-17.00	
	Physical Examination in Primary Care	08.00-09.50	Asst. Prof. S.SINCAN
	Upper Respiratory Tract Infections in Primary care	10.00-11.50	Asst. Prof. S.SINCAN
	Periodical Physical Examination	13.30-14.20	Asst. Prof. S.SINCAN
	Cancer screenings in Primary Care	14.30-15.20	Asst. Prof. S.SINCAN
Friday	Independent Working Hour	15.30-17.00	
	Management of Diabetes in Primary Care	08.00-09.50	Assoc. Prof. K. TAŞTAN
	Management of Hypertension in Primary Care	10.00-11.50	Assoc. Prof. K. TAŞTAN
	Management of Depression in Primary Care	13.30-15.20	Assoc. Prof. K. TAŞTAN
II. Week			
Monday	Independent Working Hour	15.30-17.00	
	Pregnant follow up in Primary care	08.00-09.50	Asst. Prof. M. BAYRAKTAR
	Interpreting Lab tests in Primary care	10.00-11.50	Asst. Prof. M. BAYRAKTAR
	ECG in Primary care	13.30-15.20	Asst. Prof. M. BAYRAKTAR
Tuesday	Independent Working Hour	15.30-17.00	
	Obesity and metabolic syndrome in Primary care -1	08.00-08.50	Assoc. Prof. Y. ÇAYIR
	Obesity and metabolic syndrome in Primary care -2	09.00-09.50	Assoc. Prof. Y. ÇAYIR
	Tobacco Cessation Counseling -1	10.00-10.50	Assoc. Prof. Y. ÇAYIR
	Tobacco Cessation Counseling -2	11.00-11.50	Assoc. Prof. Y. ÇAYIR
	Complementary feeding-1	13.30-14.20	Assoc. Prof. Y. ÇAYIR
	Complementary feeding-2	14.30-15.20	Assoc. Prof. Y. ÇAYIR
Independent Working Hour	15.30-17.00		

Wednesday	Practices of prescription in the area	08.00-11.50	
	Elective / Freelance Work	13.00-17.00	
Thursday	Family Medicine Description and the History	08.00-08.50	Asst. Prof. S.SINCAN
	Medical Law in Primary care	09.00-09.50	Asst. Prof. S.SINCAN
	Frequent prescriptions in Primary care-1	10.00-11.50	Asst. Prof. S.SINCAN
	Independent Working Hour	13.30-17.00	
Friday	Practical Examination	08.00-12.00	Assoc. Prof. Y. ÇAYIR Assoc. Prof. K. TAŞTAN
	Written Examination	13.30-15.30	Asst. Prof. M. BAYRAKTAR Asst. Prof. S.SINCAN
	Feedbacks	15.30-17.00	Asst. Prof. M. BAYRAKTAR

5. MATCHING FAMILY MEDICINE CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING FAMILY MEDICINE CLERKSHIP LESSONS WITH EDUCATIONAL OBJECTIVES							
Lesson Code	Lesson Topic	LECTURER	Teoretocical hour	Practical Hour	Symptoms/ situations	Clinical problem	Basic Physical practice
AH4001	Information about Internship and Ethical and Professional Values in Clinical Practice	Asst.Prof. M. BAYRAKTAR	2				
AH4002	ÇEP Teaching Targets	Asst.Prof. M. BAYRAKTAR	2				
AH4003	Family Medicine and Management of ASM	Asst.Prof. M. BAYRAKTAR	2				A1,C1,C2,C3,C4,C6,C7
AH4004	Pediatric physical examination and anamnesis	Assoc.Prof. Y. ÇAYIR	2		11,15,17,20,23,29,40,54,63,92,99,100	5,12,14,30,61,62,74,91	B5,B9,B3,B9,E8,E11,E40
AH4005	Physical Examination in Primary Care	Dr.. Öğr. Üyesi S.SINCAN	2		1,5,18,25,31,43,44,52,73,115,132	19,23,39,42,50,63,7581,95	A1,B3,B11,D5,D6,D7E3,E6,E8,E11,F5
AH4006	Management of Diabetes in Primary Care	Asst.Prof. K. TAŞTAN	2		3,46,48,112,113	76,118,144,146	A1,B10,D7,D9,D10,E6
AH4007	Management of Hypertension in Primary Care	Asst.Prof. K. TAŞTAN	2		12,22,25,44	1,8,11,29,164,196	B13,D5,D9,E6,E40
AH4008	ECG in Primary care	Asst.Prof. M. BAYRAKTAR	2		25,44,56,71	14,28,167,168,174	D5,D8,E40
AH4009	Family Medicine Description and the History	Dr.. Öğr. Üyesi S.SINCAN	1				A1,B1,B20,C1,C2,C4C6,C11
AH4010	Medical Law in Primary care	Asst.Prof S.SINCAN	1				B18,B19,B20,C1,C2C3,C6,C10,C11
AH4011	Management of Depression in Primary Care	Asst.Prof. K. TAŞTAN	2		6,16,37,48,67,68,98	68	A1,A3,B4,B20
AH4012	Vaccines	Assoc.Prof. Y. ÇAYIR	2		11,15,21,29	21,47,91	A1,B9,E56,E60,E63,F4
AH4013	Healthy Children Follow-up	Assoc.Prof. Y. ÇAYIR	2				B5,E11,F3,F11,H1,H2
AH4014	Newborn Care in Family Medicine	Assoc.Prof. Y. ÇAYIR	1				B5,D18,E20,E69,F3,F11,H1,H2,I5
AH4015	Obesity and metabolic syndrome in Primary care	Assoc.Prof. Y. ÇAYIR	2		3,9,14,24,30,56,62,69,112,113	15,76,81,101,219	B13,D5,D7,D,10,H3,H5
AH4016	Upper Respiratory Tract Infections in Primary care	Asst.Prof. S.SINCAN	2		11,13,17,20,21,48	316	A1,B15,B21

AH4017	Frequent prescriptions in Primary care	Asst.Prof. S.SINCAN	2			108,316,312	B3,B15,B21,E4
AH4018	Periodical Physical Examination	Asst.Prof. S.SINCAN	1				B3,B8,B11,B13,B16,B21,D7,E40
AH4019	Cancer screenings in Primary Care	Asst.Prof. S.SINCAN	1		5,11,14,48,77,92,94,95,96,141	7,39,50,110,180,213,230	A1,B16,D18
AH4020	Pregnant follow up in Primary care	Asst.Prof. M. BAYRAKTAR	2		13,14,20,37,48,56,72,102	67,115,121,92	B8,D17,E25
AH4021	Interpreting Lab tests in Primary care	Asst.Prof. M. BAYRAKTAR	2				D3,D6,D8,D9,D13,D17
AH4022	Tobacco Cessation Counseling	Assoc.Prof. Y. ÇAYIR	2				D4,E40,E57,H3
AH4023	Complementary feeding	Assoc.Prof. Y. ÇAYIR	2				H3,H5
AH4024	Feedbacks	Asst.Prof. M. BAYRAKTAR	1				

6. LEARNING METHODS OF FAMILY MEDICINE CLERKSHIP PROGRAM

LEARNING METHODS OF FAMILY MEDICINE CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> Structured learning activities in clinical skill laboratories and simulated patient centers Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences On-the-job learning and assessment Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures Interdisciplinary learning activities (meetings, panels, group discussions) Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> Interdisciplinary learning activities Critical situation discussions Reflection sessions Written visual texts readings and interpretations 	

7. "STUDENT TRAINEE REPORT" FOR FAMILY MEDICINE CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV FAMILY MEDICINE CLERKSHIP
STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic medical history	4	3*	
B. Physical Examination (General and Problem-Oriented)			
To make general system examination	3	3*	
Ability to perform detailed physical examination specific to the problem	3	3*	
C. Registration, Reporting and Notification			
Writing prescriptions	4	3*	
Record keeping in AHBS	4	3	
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	3	
Filling the request form for laboratory examination	4	3	
Scanning and interpreting laboratory results	3	3*	
E. Interventional and Non-Interventional Applications			
Injection	4	1*	
Venous blood collection	4	1	
Ability to take heel blood	4	2	
Vaccine application	4	1	
To be able to follow pregnant-puerperant-baby	4	1	
Cancer screening	4	1	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			

**Teaching Staff
Date and Sign**

**Head of Department
Date and Sign**

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.

4	Performs the application* including complex situations / cases.
*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.	

8. ASSESSMENT AND EVALUATION METHODS IN FAMILY MEDICINE CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN FAMILY MEDICINE CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (10%). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85%) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION IV CLINICAL PHARMACOLOGY CLERKSHIP GUIDE

Code	STJ-452
Period	2 weeks

Type	Elective
ECTS	3

CLINICAL PHARMACOLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committees in session 2 and 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Oğuz Kayaalp Medical Pharmacology Book (volumes 1 and 2)
2.	Goodman Gilman Pharmacology Book
3.	Lippincott's Illustrated Reviews Pharmacology Book
4.	Katzung and Trevor Pharmacology Book

CLINICAL PHARMACOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. CLINICAL PHARMACOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE CLINICAL PHARMACOLOGY CLERKSHIP PROGRAM

1.	To gain awareness and skill of rational drug and personal drug selection
2.	To gain rational prescribing skills
3.	To raise awareness about drug interactions and adverse effects of drugs
4.	To inform about drug application methods
5.	To raise awareness about drug poisoning and its treatment
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. CLINICAL PHARMACOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	5	5	4	3	5	5	5	3	5	5	5	3	3	3	5	3	3	5	5
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levelsvbc	5	5	5	5	5	5	5	5	5	5	5	5								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE CLINICAL PHARMACOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Clinical Pharmacology clerkship period

CLINICAL PHARMACOLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Fever	12	Movement restriction in joints	23	Immobilization
2.	Headache	13	Cough	24	Suicidal ideation / attempt
3.	Nausea-vomiting	14	Weight gain	25	Fatigue and tiredness
4.	Joint pain / swelling	15	Weight loss	26	Cognitive impairment and forgetfulness
5.	Mood changes	16	Runny nose / congestion	27	Problems with sleep
6.	Fatigue	17	Legal situations / responsibilities	28	Tobacco use
7.	Abdominal pain	18	provision of health services in Turkey	29	Learning difficulties
8.	Hypertension	19	Health systems and economy	30	Decreased reasoning ability
9.	Polyuria	20	Neuropathic pain	31	Sexual dysfunction
10.	Polydipsia	21	Risk management and malpractice	32	Dizziness
11.	Sore throat	22	Appetite disorder	33	Hypotension

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Clinical Pharmacology clerkship period.

CLINICAL PHARMACOLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Schizophrenia and other psychotic disorders 2. Nausea and Vomiting 3. Essential hypertension 4. Drug side effects 5. Diabetes mellitus and its complications 6. Iron deficiency anemia
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	7. Schizophrenia and other psychotic disorders 8. Secondary hypertension
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to	9. Depression 10. Drug side effects

direct the specialist by making the necessary preliminary procedures	
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	11 Nausea and Vomiting 12. Essential hypertension 13. Upper respiratory tract infections 14. Osteoarthritis 15. Diabetes mellitus and its complications 16. Iron deficiency anemia
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	17 Nausea and Vomiting 18. Diabetes mellitus and its complications 19. Upper respiratory tract infections 20. Essential hypertension 21. Depression 22. Drug side effects 23. Osteoarthritis 24. Iron deficiency anemia 25. Schizophrenia and other psychotic disorders
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	26. Nausea and vomiting 27. Essential hypertension 28. Medication side effects 29. Depression 30. Osteoarthritis 31. Diabetes mellitus and its complications 32. Iron deficiency anemia

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Clinical Pharmacology clerkship period.

CLINICAL PHARMACOLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	1. To be able to prepare the drugs to be applied correctly 2. To be able to perform oral, rectal, vaginal and topical drug applications 3. To be able to reach current literature information and to read it critically 4. Ability to take psychiatric history 5. Consciousness assessment and mental state examination
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	6. General situation and evaluation of vital signs 7. To be able to take general and problematic stories 8. To be able to issue a recipe 9. Rational drug use 10. To be able to evaluate mental state

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the **"Behavioral, Social and Humanities"** listed below during the Clinical Pharmacology clerkship period

CLINICAL PHARMACOLOGY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	2. Addiction a. Alcohol b. Tobacco c. Matter d. Behavioral addiction (gambling, shopping, technological, internet addiction) e. Familial and social burden due to addiction
	3. Scientific research methods and ethics e. Research ethics, violations and legal aspects
	8. Difficulties in physician-patient interaction b. Overly demanding patient d. Resistant patient e. Failure (use of health service by acting as a patient to gain interest)
	11. Legal and ethical situations a. Professional duties and obligations g. Ethical situations in medical record, prescription and report writing
	12. Unemployment and poverty c. Individual's psycho-social well-being
	23. Health practices require self-criticism g. Extreme medical practices
	24. Health management c. Health economy

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Clinical Pharmacology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE CLINICAL PHARMACOLOGY CLERKSHIP
<p>1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.</p> <p>2. Rights-based health approach</p> <p>3. Communication skills, communication in difficult situations, interpersonal relations and teamwork</p> <p>4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.</p> <p>5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.</p> <p>6. Patient rights, physician responsibility, patient-physician relationship.</p> <p>7. Problems and dilemmas for professionalism / ethics in health processes.</p> <p>8. Legal problems in health processes.</p> <p>9. Research and publication ethics.</p> <p>10. Determinants of health, inequality in health, social gender and health.</p> <p>11. Health systems, health policies.</p> <p>12. Health economics and management.</p> <p>13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.</p>

4. CLINICAL PHARMACOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION IV CLINICAL PHARMACOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice. Ethical and professional values in clinical practice	08.00-08.50 09.00-09.50	Asst. Prof. Ufuk OKKAY
	Rational Drug Use and Prescription Information	10.00-11.50	Asst. Prof. Ufuk OKKAY
	K (personal) Drug selection and K table construction	13.00-13.50 14.00-14.50	Asst. Prof. Duygu KÖSE
	Clinical Pharmacology	15.00-16.50	Asst. Prof. Duygu KÖSE
Tuesday	Rational Antibiotic Use	08.00-11.50	Proff. Zekai HALICI
	Autonomic Nervous System Pharmacology	13.00-16.50	Proff. Ahmet HACİMÜFTÜOĞLU
Wednesday	Prescription Writing Practices of Common Diseases in the Field	08.00-11.50	
	Elective / Freelance Work	13.00-16.50	
Thursday	Nausea-Vomiting Treatment (Case-based learning session)	08.00-11.50	Proff. Elif ÇADIRCI
	Treatment of Osteoarthritis (Case-based learning session)	13.00-16.50	Proff. Abdülmecit ALBAYRAK
Friday	Diabetes Mellitus Treatment and Complications (Case-based learning session)	08.00-11.50	Assoc. Prof. Erol AKPINAR
	Major Depression Treatment (Case-based learning session)	13.00-16.50	Asst. Prof. Ufuk OKKAY
II. Week			
Monday	Acute Tonsillitis Treatment (Case-based learning session)	08.00-11.50	Asst. Prof. Duygu KÖSE
	Anemia Treatment (Case-based learning session)	13.00-16.50	Proff. Elif ÇADIRCI
Tuesday	Peptic Ulcer Treatment (Case-based learning session)	08.00-11.50	Proff. Abdülmecit ALBAYRAK
	Sinusitis Treatment (Case-based learning session)	13.00-16.50	Proff. Zekai HALICI
Wednesday	Prescription Writing Practices of Common Diseases in the Field	08.00-11.50	
	Elective / Freelance Work	13.00-16.50	
Thursday	Psychosis Treatment (Case-based learning session)	08.00-11.50	Proff. Ahmet HACİMÜFTÜOĞLU

5. MATCHING CLINICAL PHARMACOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING CLINICAL PHARMACOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
CP001	Information About Internship and Ethical and Professional Values in Clinical Practices	Dr. Öğretim Üyesi Ufuk Okkay	2		17,18,19,2,21	4	1,2,3,6,7,8,9	3e,8b, 8d, 8e, 11.a,11g,24c
CP002	Rational Drug Use and Prescription Information	Dr. Öğretim Üyesi Ufuk Okkay	2		17,18,19,2,21	4	1,2,3,6,7,8,9	11a,11g,23g,24c
CP003	K (personal) Drug selection and K table construction	Dr. Öğretim Üyesi Duygu Köse	2		17,18,19,2,21	4	1,2,3,6,7,8,9	11a,11g,23g,24c
CP004	Clinical Pharmacology	Dr. Öğretim Üyesi Duygu Köse	2		17,18,19,2,21	4	1,2,3,6,7,8,9	11a,11g,23g,24c
CP005	Rational Antibiotic Use	Prof.Dr. Zekai Halıcı	4		17,18,19,2,21	4,10	1,6,7,8,9	23g,24c
CP006	Autonomic Nervous System Pharmacology	Prof.Dr. Ahmet Hacımüftüoğlu	4		2,5	4	1,6,7,8,9	
CP007	Nausea-Vomiting Treatment (Case-based learning session)	Prof.Dr. Elif Çadırcı	4		3	2	1,6,7,8,9	
CP008	Treatment of Osteoarthritis (Case-based learning session)	Prof.Dr. Abdülmecit Albayrak	4		4,12	11	1,6,7,8,9	
CP009	Diabetes Mellitus Treatment and Complications (Case-based learning session)	Doç.Dr. Erol Akpınar	4		9,10,20	5	1,6,7,8,9	
CP 10	Major depression (Case-based learning session)	Dr. Öğretim Üyesi Ufuk Okkay	4		5,6,14,15,22,23,24,25	9	1,4,5,6,7,8,9,10	2a,2b,2c,2d,2e,12c
CP011	Acute Tonsillitis Treatment (Case-based learning session)	Dr. Öğretim Üyesi Duygu Köse	4		1,2,6,11	10	1,6,7,8,9	
CP012	Anemia Treatment (Case-based learning session)	Prof.Dr. Elif Çadırcı	4		2,6,32,33	6	1,6,7,8,9	
CP013	Peptic Ulcer Treatment (Case-based learning session)	Prof.Dr. Abdülmecit Albayrak	4		3,7,15	2	1,6,7,8,9	
CP014	Sinusitis Treatment (Case-based learning session)	Prof.Dr. Dr. Zekai Halıcı	4		1,2,13,16	10	1,6,7,8,9	
CP015	Psychosis Treatment (Case-based learning session)	Prof.Dr. Ahmet Hacımüftüoğlu	4		5,22,23,24,25,26,27,28,29,30,31	1	1,4,5,6,7,8,9,10	2a,2b,2c,2d,2e,12c
CP016	Hypertension Treatment (Case-based learning session)	Doç.Dr. Erol Akpınar	4		2,6,8	3	1,6,7,8,9	
CP17	Feedback meeting after clerkship	Head of Clerkship	2					

6. LEARNING METHODS OF CLINICAL PHARMACOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF CLINICAL PHARMACOLOGY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none">• Classroom lecture / presentation: Lecture, tutorial presentation, interactive lecture / classroom lectures• Interdisciplinary learning activities (meetings, panels, group discussions)• Case / problem-based interactive learning activities carried out with small groups (problem-based learning, case discussion, clinical tutorials, etc.)• Independent learning• Multidisciplinary laboratory practices• Project / research based learningCommunity based learning activities (observing health risks in the service provision in primary health care institutions, home, visits, etc)
Learning Methods Related with Medical practices:
<ul style="list-style-type: none">• Multidisciplinary laboratory practices• On-the-job learning and assessment• Structured case discussion
Learning Methods Related with Professionalism
<ul style="list-style-type: none">• Interdisciplinary learning activities (meetings, panels, forums, group discussions)• Critical situation discussions• Gamification, psychodrama• Written visual text / readings, interpretations

7. "STUDENT TRAINEE REPORT" FOR CLINICAL PHARMACOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV CLINICAL PHARMACOLOGY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. To organize a recipe	4	5	
B. Rational drug selection	4	5	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Adaptation to team work			
Compliance with internship rules			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN CLINICAL PHARMACOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN CLINICAL PHARMACOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Practical Exam: It is carried out in the form of direct observation and evaluation of the construction of the personal medicine table. Contribution to practice-oral exam at the end of the internship (15%)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 50 multiple choice and 10 written questions.• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V PULMONARY DISEASES CLERKSHIP GUIDE

Code of Trainee	TPT-507
Trainee Duration	Three weeks

Type of Trainee	Compulsory
ECTS	5

YEAR V- PULMONARY DISEASE PRACTICE PRE-CONDITIONS

1	Having taken pre-clinical courses
2	Having taken the courses in the relevant board(s) in year 3

RESOURCES (COURSE BOOK-AUXILIARY RESOURCES)

1	Orhan Arseven, Basic Lung Health and Diseases
2	Richard A. Bordow, Manual of Clinical Problems in Pulmonary Medicine
3	

RULES THAT MUST BE FOLLOWED BY THE TRAINEES

1	Training hours are between 8.00 AM and 5.00 PM in weekdays
2	Students require to attend trainee program and exams in a clean and well-groomed manner, wearing white gowns and badges.
3	The first lecture includes introduction of the program. The instructor in charge of the program informs the students about the purpose of the program, learning objectives, scope (symptoms / findings, core diseases/clinical problems, basic medical practices, attitudes and behaviors), the curriculum, assessment-evaluation methods and the rules to be followed in the program.
4	Trainees must keep the records of knowledge, skills and attitudes of the trainee prepared in accordance with the objectives and qualifications of the trainee program and approve the trainee manager and deliver them to the Department for the purpose of evaluation at the end of the program.
5	Students should attend the main scientific events organized by the Pulmonary Disease Department.
6	In order to be successful at the end of the program; trainee students requires a score at least 60 from each exams (including practice/oral exam and written exam) The necessary conditions for the success of the exam are stated in the "Atatürk University Faculty of Medicine Teaching and Exam Application Principles" .
7	At the end of the program, feedback will be received from all students verbally and written. Verbal feedback is given to the department; but written feedback will be made on following web address " http://anket.atauni.edu.tr ". The link for participation in the survey will be sent to the students by the Dean's Office.

1. PULMONARY DISEASES CLERKSHIP- OBJECTIVE OF THE PROGRAM

THE AIM OF PULMONARY DISEASES TRAINEE PROGRAM

1.	To be able to make a pre-diagnosis / diagnosis by evaluating the anatomy, physiological characteristics of the respiratory system, the symptoms and signs of the diseases that affect them
2.	To be able to define emergencies for chest diseases and make their emergency treatment
3.	To create and apply a treatment plan in clinical situations required within the scope of education level criteria
4.	To be able to provide referral in necessary cases after emergency intervention and treatment
5.	To be able to demonstrate protective and rehabilitative approaches in respiratory system diseases
6.	To gain knowledge, skills and professionalism characteristics determined for the program.

2. PULMONARY DISEASES CLERKSHIP- LEARNING OUTCOMES

Levels of Contribution to Atatürk University Faculty of Medicine Undergraduate Medical Education Program Qualifications

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11th	12	13	14	15	16	17	18	19	20
Contribution Level	4	5	4	5	4	4	4	4	3			4		4			3	3	5	5

Contribution Level: 1 Very low 2 Low 3 Medium 4 High 5 Very high

3. LEARNING OBJECTIVES OF THE PULMONARY DISEASES CLERKSHIP PROGRAM

A. Common presentations: Year V-Pulmonary Diseases Trainee Program in which given the list below symptoms/clinical conditions, forensic/psychosocial conditions, wellness situation and environmental/global competencies related to global conditions are expected to be recovered.

PULMONARY DISEASES TRAINEE PROGRAM SYMPTOMS/FINDINGS LIST					
9.	Apnea	52.	Hemoptysis *	102	Edema*
11.	Fever*	54.	Wheezing (wheezing) *	105	Cough / sputum production *
25.	Palpitation*	57.	Hypotension*	121	Syncope *
27.	Clubbing	58.	Hypothermia / hyperthermia	122	Hoarseness *
33.	Dyspnea *	60.	Snore	123	Cyanosis
44.	Chest pain *	66.	Immobilization	132	Tobacco use
45	Chest wall anomalies	83	Weight loss	133	Sleep problems *
48	Asthenia / fatigue *	92	Lymphadenopathy *	139	(Left/Right) sided chest pain *

B. Gaining Knowledge: During the Year V-Pulmonary Diseases Trainee Program, it is expected to **have** knowledge at **the levels specified in** the "**Diseases / Clinical Problems** " listed below .

LEARNING LEVELS OF CLINICAL PROBLEM DURING THE PULMONARY DISEASES TRAINEE PROGRAM	
LEARNING LEVELS	CLINICAL PROBLEM
In clinical problems specified in the adjacent column ; They should be able to define the emergency (A) and make the emergency treatment, and refer them to a specialist when necessary	<ol style="list-style-type: none"> 1. Acid-Base Balance Disorders 2. Asthma 3. COPD 4. Pulmonary Embolism 5. Respiratory Failure 6. ARDS
In clinical problems specified in the adjacent column ; He / she should be able to make the necessary preliminary procedures and refer them to the specialist	<ol style="list-style-type: none"> 1 Lung tumors 2.Bronchiectasis Abscess 3.Interstitial Lung Diseases 4.Hydatid Disease (Parasitic Lung Diseases) 5.Occupational Lung Diseases 6.Pleural Diseases 7.Pulmonary Hypertension 8.Sleep Apnea Syndrome
In clinical problems specified in the adjacent column ; He / she should be able to diagnose (T) and have knowledge about treatment,	

make the necessary preliminary procedures and direct them to the specialist	
In clinical problems specified in the adjacent column; It should be able to diagnose and treat (TT)	<ol style="list-style-type: none"> 1. Pulmonary Tuberculosis 2. Asthma 3. COPD 4. Pneumonic on
In clinical problems specified in the adjacent column; Must be able to apply protection measures (K) (which is / are suitable from primary, secondary and tertiary protection)	<ol style="list-style-type: none"> 1. Lung Tumors 2. Pulmonary Tuberculosis 3. Asthma 4. Bronchiectasis and Abscess 5. COPD 6. Occupational Lung Diseases 7. Pneumonic on 8. Pulmonary Embolism
The problems in the adjacent column should be able to monitor the necessary cases (I)	<ol style="list-style-type: none"> 1. Pulmonary tuberculosis 2. Asthma 3. Bronchiectasis and Abscess 4. COPD 5. Occupational Lung Diseases 6. Pulmonary Embolism

C. Skills: During year V-Pulmonary Diseases Trainee Program, it is expected to acquire the capability to implement on given the list below "**Basic medicine practices**" in the **designated level**.

LEARNING LEVEL OF BASIC MEDICAL PRACTICES DURING THE PULMONARY DISEASES TRAINEE PROGRAM	
LEARNING LEVEL	BASIC MEDICAL PRACTICES DURING THE PULMONARY DISEASES TRAINEE PROGRAM
In the skills specified in the adjacent column; Knows how the application is done and explains the results to the patients and / or their relatives (Learning Level 1)	<ol style="list-style-type: none"> 1. Bronchoscopy
In the skills specified in the adjacent column ; In an emergency, he / she applies in accordance with the guide / instruction (Learning Level 2) .	<ol style="list-style-type: none"> 1. Pleural puncture (Thoracentesis) 2. To be able to perform respiratory function test
The skills specified in the adjacent column; uncomplicated , common, cases / preliminary assessment of cases / assessment is done, you will create the necessary plans and patients to inform their relatives and makes the application (Learning Level 3) .	<ol style="list-style-type: none"> 1. Arterial Blood gas interpretation 2. Taking arterial blood gas 3. To be able to deliver oxygen and nebulizer and inhaler therapy 4. Ability to apply and evaluate pulse oximetry 5. To be able to apply and evaluate the PPD test
The skills specified in the adjacent column; Makes the preliminary assessment / evaluation of the application including complex situations / cases, creates the necessary plans, informs the patients and their relatives and makes the application (Learning Level 4) .	<ol style="list-style-type: none"> 1. Taking general and problem-oriented stories 2. Respiratory system examination 3. Writing a prescription 4. Preparing a patient file 5. Using and evaluating the peak-flow meter 6. Interpreting chest x-ray

D. In terms of Behavioral and Social Sciences and Humanities: During year V-Pulmonary Diseases Trainee Program, on given the list below covering "**Behavioral and Social Sciences and Humanities**", having sensibility, knowledge and skills is expected.

Pulmonary Diseases Trainee Program Behavioral, Social and Human Sciences Situations List	
2. Addiction	b . Tobacco
3. Scientific research methods and ethics	b . Evidence-based medicine practices
4. Work and health interaction	a . Occupational diseases
5. Environment and health interaction	d . Environmental diseases e . Exposure to harmful environmental factors (air pollution, chemicals, etc.) k . Fight against communicable diseases in the community
8. Difficulties in physician-patient interaction	a . Non-compliance / rejection of preventive and therapeutic practices (e.g. vaccine instability) b . The extremely demanding patient c . Manipulative patient d . Resistant patient e . Malingering (using healthcare by pretending to be a patient to gain benefit) g . Somatization / somatic symptoms triggered by psycho- social factors i . Challenges with intercultural communication
9. Physician's well-being	d . Sense of belonging e . Durability f . Physical and mental health
10. Legal and ethical situations	a . Professional duties and obligations e . Informed consent and specific cases b . Patient rights and responsibilities c . Physician rights and responsibilities

E . In terms of Professionalism : During year V-Pulmonary Diseases Trainee Program, acquisition of the list given below is expected.

THE ATTITUDES TO BE ACHIEVED IN TERMS OF PROFESSIONALITY DURING THE PULMONARY DISEASES TRAINEE PROGRAM
<ol style="list-style-type: none"> 1. Holistic approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights based health approach. 3. Communication skills, communication in difficult situations, interpersonal relationships and teamwork. 4. Medicine and history of thought / values, physician identity and consciousness, medical roles and limits. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient - physician relationship. 7. Professional / ethical problems and dilemmas in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, health inequality, gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous personal and professional development, education and consultancy. 14. A culture of working in coordination with healthcare professionals, other members of the team and disciplines" 15. To be able to share knowledge and professional experience with other members of the team,

4. PULMONARY DISEASES CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V CARDIOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	09:00-10:00	
	Normal Lung Radiography	13:30-15:30	Proff. Mehmet MERAL Proff. Ömer ARAZ
	Case-Based Learning (CBL) Session 1	15.30-16.30	
	Tuesday	Visit	09:00-10:00
Respiratory Function Test	10:00-12:00		
Pathological Lung Graphs	13:30-14:30		
Arterial Blood Gas	14:30-16:30		
Wednesday	VISIT	09:00-10:00	
	Independent Working Hour	10:00-12:00	
	Elective / Freelance Work	13:30-16:30	
Thursday	Occupational Lung Diseases	09:00-10:00	Proff. Metin AKGÜN Dr. Lecturer . Bugra KERGET Proff. Metin AKGÜN
	Tuberculosis-I	10:00-12:00	
	Occupational Lung Diseases	13:30-16:30	
Friday	Business	09:00-10:00	Dr. Lecturer Bugra KERGET Proff. Elif Y. UÇAR
	Tuberculosis- II	10.00-11.00	
	Application	11:00-12:00	
	Chest Diseases Emergencies	13:30-16:30	
II. Week			
Monday	Visit	09:00-10:00	Proff. Metin AKGÜN
	Case-Based Learning (CBL) Session 2	10:00-12:00	
	Diffuse Parenchymal Lung Diseases and Sarcoidosis	13:30-15:30	
	Independent Working Hour	15:30-16:30	
Tuesday	Visit	09:00-10:00	Proff. Leyla SAĞLAM Proff. Ömer ARAZ
	Lung Tumors	10:00-12:00	
	Sleep Respiratory Disorders	13:30-16:30	
Wednesday	VISIT	09:00-10:00	
	Case-Based Learning (CBL) Session 3	10:00-12:00	
	Elective / Freelance Work	13:30-17:00	
Thursday	Parasitic Lung Diseases	09:00-10:00	Proff. Mehmet MERAL Dr. Lecturer . Bugra KERGET Proff. Elif Y. UÇAR
	ARDS	10:00-12:00	
	Pulmonary Hypertension	13:30-16:30	
Friday	Visit	09:00-10:00	Proff. Mehmet MERAL Proff. Elif Y. UÇAR
	Lung Abscess and Bronchiectasis	10:00-12:00	
	Asthma	13:30-16:30	
III. Week			
Monday	Visit	09:00-10:00	Proff. Metin AKGÜN Proff. Mehmet MERAL
	COPD	10:00-12:00	
	Acute Respiratory Failure	13.30-14:30	
	Independent Working Hour	14:30-16:30	
Tuesday	Visit	09:00-10:00	Proff. Ömer ARAZ Proff. Elif Y. UÇAR Dr. Lecturer . Bugra KERGET
	Pleural Diseases	10:00-12:00	
	Pulmonary Thromboembolism	13:30-14:30	
	Community Developing Pneumonia	14:30-16:30	
Wednesday	Visit	09:00-10:00	Proff. Mehmet MERAL Proff. Leyla SAĞLAM
	Smoking and Lung	10:00-12:00	
	Elective / Freelance Work	13:30-16:30	
Thursday	Practical exam		
Friday	Oral and written exam		

5. MATCHING PULMONARY DISEASES CLERKSHIP COURSES WITH LEARNING OBJECTIVES

PULMONARY DISEASES TRAINEE PROGRAM LEARNING OBJECTIVES PAIRING							
Lesson code	The subject of the lecture	Faculty	Theoretical Hours	Practical Hours	Clinical problem	Clinical Symptom / Finding / Condition	Basic Medical Practices
GH 1	Lung Tumors	Prof. Leyla SAĞLAM	2		PreD, C	33, 44, 48, 52, 83, 92, 105, 122, 132, 7	A1, B21, C7, D4
GH 2	Arterial Blood Gas Assessment (Acid-Base Balance Disorders)	Prof. Leyla SAĞLAM	2		E	25, 33, 48, 57, 102, 123, 34	A1, B21, C7, D10, E6
GH 3	Tobacco Use and Lung	Prof. Leyla SAĞLAM	2		C	25, 33, 48, 60, 83, 105, 122, 132, 7, 155, 200	A1, B21, C7, C9, D4
GH 4	Bronchiectasis and Lung Abscess	Prof. Mehmet MERAL	2	-	Pre-D, C, F	11, 27, 33, 48, 52, 54, 83, 105, 123	A1, B21, C5, C7, C9, D4, D10, D18, E6, E21, E40, E50, E57, E61
GH 5	Hydatid Cyst and Parasitic Lung Diseases	Prof.Dr. Mehmet MERAL	1	-	Pre-D, C	33, 44, 48, 83, 105, 123	A1, B21, C5, C7, C9, D4, D18, E21, E55
GH 6	Respiratory Failure	Prof. Mehmet MERAL	1	-	E	9, 25, 33, 54, 57, 121, 123	A1, B21, C5, C7, D4, E6, E35, E36, E40, E50, E57
GH 7	Pulmonary Embolism	Prof. Elif Y. UÇAR	1	-	E, C, F	33, 44, 52, 121, 57	A1, B9, B21, C7, C9, E50, E57
GH 8	Pulmonary Hypertension	Prof. Elif Y. UÇAR	3	-	Pre-D	33, 44, 48	A1, B13, B21, C7, D4, D5, E6, E57
GH 8	Asthma	Prof. Elif Y. UÇAR	3	-	D&T, E, C, F	33, 54, 105	A1, B21, C7, C9, D4, D12, D6, E50, E57, E61
GH 9	Chest Diseases Emergencies / Poisoning / Foreign body aspiration	Prof. Elif Y. UÇAR	3	-	E, C	44, 33, 15, 33, 123, 33, 123	A1, B21, C7, D4, E32, E50, E57, A1, B21, C7, C9, D4, E6, E22, E50, E57, A1, B21, C7, C9, D4, E6, E12, E50, E57
GH 12	Interstitial Lung Diseases	Prof. Metin AKGÜN	1	-	Pre-D, C	27, 33, 105, 123	A1, B21, C7, D4, E6, E61
GH 13	COPD	Prof. Metin AKGÜN	3	-	D&T, C, F	30, 33, 48, 54, 105, 123, 132	A1, B21, C7, C9, D4, D46, E50, E57, E61
GH 14	Occupational Lung Diseases	Prof. Metin AKGÜN	3	-	PRE-D, C, F	33.105	A1, B21, C11, D4, E61, F9
GH 15	PFTS	Prof. Metin AKGÜN	2	1	Level 3	33.105	E61, F9
GH 16	Pleural Diseases	Prof. Ömer ARAZ	2		Pre-Diagnosis	33, 44, 105, 139	A1, B21, C7, D4, E55, E56
GH 17	Sleep Apnea Syndrome	Prof. Ömer ARAZ	3		Pre-Diagnosis	9, 48, 60, 133	A1 B21
GH 18	Chest X-	Prof. Ömer	3	1	Level 3	11, 27, 33,	A1, D4

	ray Evaluation	ARAZ				44, 45, 52, 83, 92, 02, 105, 121, 122, 139	
GH 19	Pneumonias	Assistant Professor Buğra KERGET	2	-		11, 25, 44, 33, 54, 48, 105	A4, B21, C5, C7, C9, D2, D4, D10, D18, E6, E29, E50, E57
GH 20	ARDS	Assistant Professor Buğra KERGET	2	-		33, 44, 54, 105, 123	A4, B21, D4, E6, E36, E40, E50, E57
GH 20	Pulmonary Tuberculosis	Assistant Professor Buğra KERGET	3	-	D&T, C, F	11, 48, 52, 83, 92	A1, C7, C11, D2, D4, D10, D18, E29, E56

6. LEARNING METHODS OF PULMONARY DISEASES CLERKSHIP PROGRAM

LEARNING METHODS OF PULMONARY DISEASES CLERKSHIP PROGRAM
Information for training:
<ul style="list-style-type: none"> • Structured learning activities carried out in clinical skills laboratories and simulated patient centers • Multidisciplinary laboratory practices • Bedside trainings, visits, structured focused patient visit ; service and polyclinic experiences • Community-based learning activities (Observing health risks in the workplace and schools, evaluating the services provided, service delivery in primary health care institutions, home visits, etc.) • In charge learning and assessment • Structured case discussion
Training for medical practice
<ul style="list-style-type: none"> • Class lecture / presentation: Lecture, instructor presentation, interactive lecture / classroom lectures • Interdisciplinary learning events (meetings, panels, group discussions) • Case / problem-based interactive learning activities carried out with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • Independent learning • Multidisciplinary laboratory applications, anatomy laboratory applications • Project / research based learning
Professionalism for education
<ul style="list-style-type: none"> • Interdisciplinary learning events (meetings, panels, forums, group discussions) • Critical case discussions • Reflection sessions • Gamification, psychodrama • Written visual text / work readings, interpretations • Student development file (portfolio) application • In charge learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR PULMONARY DISEASES CLERKSHIP

"Atatürk University Faculty of Medicine Trainee Competence Report" is filled in accordance with the educational goals and levels. Trainee students are expected their report filled and approved when they do their practice and deliver it on the last day to the responsible Faculty.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V PULMONARY DISEASES CLERKSHIP STUDENT TRAINEE REPORT			
NAME AND SURNAME:		Number:	
Date :			
I- Basic Medical Practices	Learning Level i **	Number	Internship Supervisor Approval (Date)
Patient File number:			
A. Obtaining History			
Ability to take general and problem- oriented stories	4	3	
B. General and Problem- Oriented Physical Examination			
Respiratory system examination	4	3	
C. Record Keeping, Reporting and Notification			
Write a prescription	4	10	
Preparing a patient file	4	3	
D. Laboratory Tests and Other Related Operations			
Using and evaluating the peak-flow meter	4	3	
Interpreting lung film	4	3	
Interpreting arterial blood gas	3	3	
E. Interventional and Non- Interventional Practices			
Bronchoscopy	1	3	
Pleural puncture / thoracentesis ability	2	1	
To be able to perform respiratory function test	2	3	
Taking arterial blood gas	3	1	
To be able to apply oxygen and nebulizer& inhaler therapy	3	3	
Ability to apply and evaluate pulse oximetry	3	10	
To be able to apply and evaluate the PPD test	3	2	
II- Clinical Problem Solving (case-based and sessions-Performance			
Total Basic Medicine Practices score (out of 10 points)			
III Impression of trainee- Medicine related professionalism (Evaluated by all the Faculties)			
Compliance with the program rules			
Compliance to teamwork			
Total Professionalism score (out of 10 points)			
TRAINEE TOTAL SCORE (out of 20 points)			
Responsible Faculty Date and Signature		Head of the Department Date and Signature	

* TTA: Teaching Staff at accompaniment

** Learning Levels

Learning Level	Explanation
1	Knows how the application is done and explains the results to patients and / or their relatives .
1	In an emergency, he / she applies in accordance with the guide / instruction .
3	The complex not frequently seen , cases / cases it makes application *.
4	Makes the application * including complex situations / facts .

* Makes the pre- evaluation / evaluation , creates and implements the necessary plans and informs the patients and their relatives / society about the process and its results .

8. ASSESSMENT AND EVALUATION METHODS IN PULMONARY DISEASES CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN PULMONARY DISEASES CLERKSHIP

PRACTICAL-ORAL EXAM AT THE END OF THE INTERNSHIP

- **Trainee report card** : Total contribution to practical-oral exam at the end of the internship (15 %)
 - **Basic Medical Practices** (5%)
 - **Features of Professionalism Suitable for Medicine** : It is evaluated by faculty members . In the assessment, trainee physicians Internship rules and to work in team harmony u and full attendance of the eye are taken into. Contribution to practical-oral exam at the end of the internship (5 %)
 - **Clinical Problem Solving**: It is given according to the performance shown in case -based learning sessions. (5%)
- **Practice Exams** : Practice directed / entrepreneurial skills direct observation and evaluation form is done. Contribution to practical-oral exam at the end of the internship (15 %)
- **The refreshingly frank” internship exam I** : Structured oral exam (structured questions and evaluating clinical information based on patients evaluating the clinical decision-making questions) form is done. Contribution to practical-oral exam at the end of the internship (70 %)
- Trainee report of the assessment taken practical-oral exam 100 points out of the total grade
- Students who score below 60, considered to have failed
- Students who fail the practical-oral exam take the make-up exam of the internship .
- Students who fail the practical-oral exam cannot take the theoretical (written-multiple choice) exam.

THEORETICAL EXAM AT THE END OF THE TRAINEE PROGRAM

- It consists of 20 or 25 multiple choice questions in total . Up to five classic questions can be asked.
- Clinical information assessing multiple -choice questions and clinical decision making in assessing patients ayala of multiple -choice questions as done .
- Students who score less than 60 out of 100 points in the theoretical (written-multiple choice) exam are considered unsuccessful.
- Students who fail the theoretical (written-multiple choice) exam take the make-up exam of the internship.

CALCULATION OF THE TRAINEE SUCCESS

- Internship success grade is calculated by taking the average of the scores from the Practical-Oral and Theoretical (written - multiple choice) exam.

MAKE-UP EXAM

- If a student who fails or fails the practical-oral or theoretical (written-multiple-choice) exam does not take the make-up exams at the end of the trainee program or fails the exam, he / she is deemed unsuccessful in that internship and repeats that program.

SESSION V CARDIOLOGY CLERKSHIP GUIDE

Code	STJ507
Period	4 weeks

Type	Compulsory
ECTS	5

CARDIOLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Manuel of Cardiovascular Medicine. Brian P. Griffin (Editor); Lippincott Williams & Wilkins.
2.	UpToDate (http://www.uptodate.com).
3.	Lecturer's Notes.

CARDIOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. CARDIOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE CARDIOLOGY CLERKSHIP PROGRAM	
All students who are trained in cardiology internship can have all of the following qualifications;	
1.	Taking medical history and suitable physical examination for the diagnosis of heart diseases,
2.	Diagnosing heart diseases using electrocardiogram, chest x-ray and biochemical tests and applying suitable intervention and treatments,
3.	Diagnosing coronary artery disease, or transfer to top institutions of patients with cardiovascular risk factors for advanced examination and treatment
4.	Diagnosing acute coronary syndrome and management of this condition,
5.	Recognizing acute pulmonary edema which is one of the cardiac emergencies and fulfilling the basic elements in emergency treatment,
6.	Fulfilling basic elements about common cardiac arrhythmias, especially life-threatening arrhythmias,
7.	Basic electrocardiogram interpretation,
8.	Diagnosing heart failure, differential diagnosis of dyspnea and treatment of these conditions,
9.	Having adequate information about pathophysiology, symptoms and physical examination of valvular heart diseases; recommending advanced examination and treatment to patients with suspected valve disease,
10.	Having basic information about patients with hypertension, treatment of patients with hypertension, choosing appropriate drugs for treatment and having adequate information about possible complications,
11.	Adequate information about management of cardiopulmonary arrest and cardiopulmonary resuscitation,
12.	Approach to congenital heart diseases (i.e. symptoms, physical examination, diagnostic tests),
13.	Making differential diagnosis of heart diseases like infective endocarditis and pericarditis and having adequate information about treatment and prevention of these diseases,
14.	Choosing appropriate drugs that using in treatment of basic heart diseases and having information about side effect and contraindications of these drugs,
15.	Prescribing for basic heart diseases,
16.	Drawing electrocardiography, interpreting electrocardiogram and using defibrillator.

2. CARDIOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	2	1	5	5		5	4	2	1	5	3	2	1	4	2	1	3	1	3	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	4	3	2	5	4	5	5	4	4	5	5								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE CARDIOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the session V Cardiology clerkship period

CARDIOLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Fever	10	Chest Pain	19	Cladication intermittant
2.	Dizziness	11	Weakness	20	Edema
3.	Headache	12	Hemoptysis	21	Cough
4.	Consciousness changes	13	Hepatomegaly	22	Syncope
5.	Epistaxis	14	Hypertension	23	Cyanosis
6.	Palpitation	15	Hypotension	24	Prevention of chronic diseases
7.	Clubbing	16	Murmur in the heart	25	Healthy diet and lifestyle changes
8.	Dyspnoea	17	Abdominal bloating	26	Problems with tobacco, drug and alcohol use
9.	Joint Pain / Swelling	18	Weight loss		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Cardiology clerkship period.

CARDIOLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
<p>In the clinical problems mentioned in the column next to;</p> <p>Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary</p>	<p>1. Pulmonary edema 2. Acute coronary syndromes 4. Aortic dissection 7. Essential hypertension 8. Drug side effects 10. Heart rhythm disorders 11. Heart failure 12. Cardio-pulmonary arrest 18. Peripheral artery disease 19. Pericardial diseases 20. Pulmonary embolism 23. Disorders of fluid and electrolyte balance 24. Shock 26. Poisoning</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<p>6. Endocarditis 9. Valvular heart disease 13. Congenital heart diseases 14. Chronic Coronary Artery disease 16. Myocarditis / cardiomyopathy 18. Peripheral artery disease 19. Pericardial diseases 21. Pulmonary hypertension 22. Secondary hypertension 25. Vasovagal syncope</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<p>2. Acute coronary syndromes 3. Acute rheumatic fever 8. Drug side effects 10. Heart rhythm disorders 11. Heart failure 15. Metabolic syndrome 17. Obesity 20. Pulmonary embolism</p>

	23. Disorders of fluid and electrolyte balance
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	5. Dyslipidemia 7. Essential hypertension
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	2. Acute coronary syndromes 3. Acute rheumatic fever 5. Dyslipidemia 6. Endocarditis 7. Essential hypertension 8. Drug side effects 9. Valvular heart disease 11. Heart failure 14. Chronic Coronary Artery disease 15. Metabolic syndrome 17. Obesity 20. Pulmonary embolism 23. Disorders of fluid and electrolyte balance 25. Vasovagal syncope 26. Poisoning
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	5. Dyslipidemia 7. Essential hypertension 8. Drug side effects 10. Heart rhythm disorders 11. Heart failure 14. Chronic Coronary Artery disease 15. Metabolic syndrome 17. Obesity 20. Pulmonary embolism

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Cardiology clerkship period.

CARDIOLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	1. Performing pericardiocentesis 2. Accompanying echocardiography application 3. Accompanying exercise stress test 4. Participating in diagnostic and interventional procedures in the cardiac catheterization laboratory
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	-----

<p>Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated, frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)</p>	<ol style="list-style-type: none"> 5. Evaluating mental state 6. To be able to evaluate chest x-ray 7. Taking electrocardiography and evaluating electrocardiogram 8. Airway plugging 9. Be able to intubate 10. Advanced life support 11. Preparing medicine properly 12. Identify people at risk 13. Accessing current information and reading it critically 14. Applying principles of evidence-based medicine while making clinical decision
<p>Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)</p>	<ol style="list-style-type: none"> 15. To be able to take general and problematic medical history 16. Evaluating consciousness 17. Evaluating general state and vital findings 18. Examination of cardiovascular system 19. Examination of respiratory system 20. Information and getting consent 21. Preparing epicrisis 22. Preparing patient file 23. Prescribing 24. Preparing treatment refusal document 25. Providing decontamination, disinfection, sterilization and antisepsis 26. Creating a laboratory request form 27. Taking and transferring laboratory samples properly 28. Fulfilling rational drug use principles 29. Requesting proper laboratory and imaging methods 30. Using balloon mask (bag) 31. Be able to apply defibrillation 32. Washing hands 33. Transferring patients properly 34. Measuring blood pressure 35. To be able to apply oxygen and nebul-inhaler therapy 36. Applying pulse oximeter and evaluating results 37. Applying basic life support 38. Exercise and physical activity 39. Healthy nutrition

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Cardiology clerkship period

CARDIOLOGY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	<p>2.Abuse Alcohol Tobacco Drugs</p>
	<p>5. Environment and health interaction Healthy nutrition and food strategies</p>
	<p>14. Chronic/non-communicable diseases Monitoring and prevention of risk factors Management Multimorbidity</p>

	25. Health conditions Nutrition Physical, mental activity and exercise Sedentary life
	29. Technology and health interaction Artificial intelligence Current diagnostic and treatment tools Technological communication tools and channels Management of media and excessive information Use of advanced technology and ethical issues

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Cardiology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE CARDIOLOGY CLERKSHIP	
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,	

4. CARDIOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V CARDIOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM				
WEEK 1				
DAY 1	08:00-09:20		Information about the clerkship- Ethical and professional values in clinical practice	Dr. O. Birdal
	09:30-10:20	Theoretical Course	Symptoms and signs in heart diseases- Cardiac anamnesis	Dr. H. Şenocak
	10:30-12:00	Theoretical Course	Examination of cardiovascular system	Dr. H. Şenocak
	13:30-14:20	Theoretical Course	Cardiac anatomy and physiology	Dr. O. Birdal
	14:30-15:20	Theoretical Course	Dyslipidemias	Dr. O. Birdal
	15:20-17:00	FREE PRACTICAL EDUCATION		
DAY 2	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Stable Coronary Heart Disease- Patogenesis and Diagnosis	Dr. Ş. Karakkelleoğlu
	10:30-12:00	Theoretical Course	Stable Coronary Heart Disease- Treatment	Dr. Ş. Karakkelleoğlu

	13:30-14:20	Theoretical Course	Basic ECG principles	Dr. G. Ceyhun
	14:30-15:20	Theoretical Course	Basic ECG principles	Dr. G. Ceyhun
	15:20-17:00		FREE PRACTICAL EDUCATION	
DAY 3	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Acute coronary syndromes-Patogenesis and diagnosis	Dr. H. Şenocak
	10:30-12:00	Theoretical Course	Acute coronary syndromes-Patogenesis and diagnosis	Dr. H. Şenocak
	13:30-17:00		ELECTIVE / FREELANCE	
DAY 4	8:40-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Chronic heart failure	Dr. Ş. Karakkelleoğlu
	10:30-12:00	Theoretical Course	Chronic heart failure	Dr. Ş. Karakkelleoğlu
	13:30-14:20	Theoretical Course	Pathological ECG interpretation with examples	Dr. G. Ceyhun
	14:30-15:20	Theoretical Course	Pathological ECG interpretation with examples	Dr. G. Ceyhun
	15:20-17:00		Practical education	Lecturer
DAY 5	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Practical Course	Bedside education- Cardiac anamnesis and physical examination	Dr. Y. Koza
	10:30-12:00	Practical Course	Bedside education- Defibrillator education	Dr. G. Ceyhun
	13:30-14:20	Theoretical Course	Myocardial diseases	Dr. M. Hakan Taş
	14:30-15:20		CBL (Case-based learning) (1st seance)	Lecturer
	15:20-17:00		CBL (Case-based learning) (1st seance)	Lecturer
WEEK 2				
DAY 6	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Supraventricular arrhythmias	Dr. S. Sevimli
	10:30-12:00	Theoretical Course	Supraventricular arrhythmias	Dr. S. Sevimli
	13:30-14:20	Theoretical Course	Ventricular arrhythmias	Dr. O. Birdal
	14:30-15:20	Theoretical Course	Pulmonary hypertension	Dr. O. Birdal
	15:20-17:00		Practical education	Lecturer
DAY 7	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Acute coronary syndromes-Treatment	Dr. H. Şenocak
	10:30-12:00	Practical Course	Bedside education- Cardiac risk assessment	Dr. H. Şenocak
	13:30-14:20	Theoretical Course	Aortic valve diseases	Dr. Y. Koza
	14:30-15:20	Theoretical Course	Aortic valve diseases	Dr. Y. Koza
	15:20-17:00		FREE PRACTICAL EDUCATION	

DAY 8	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Acute rheumatic fever	Dr. E. Bayram
	10:30-12:00	Theoretical Course	Infective endocarditis	Dr. E. Bayram
	13:30-17:00		ELECTIVE / FREELANCE	
DAY 9	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Pericardial diseases	Dr. Ş. Karakelleoğlu
	10:30-12:00	Practical Course	Bedside education-Assesment of the patient with heart failure	Dr. Ş. Karakelleoğlu
	13:30-14:20	Theoretical Course	Mitral valve diseases	Dr. M. Hakan Taş
	14:30-15:20	Theoretical Course	Mitral valve diseases	Dr. M. Hakan Taş
	15:20-17:00		FREE PRACTICAL EDUCATION	
DAY 10	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Theoretical Course	Arterial hypertension- Diagnosis and treatment	Dr. E. Bayram
	10:30-12:00	Theoretical Course	Branch blocks	Dr. F. Gündoğdu
	13:30-14:20	Theoretical Course	Pulmonary embolism	Dr. Y. Koza
	14:30-15:20		CBL (Case-based learning) (2st seance)	Lecturer
	15:20-17:00		CBL (Case-based learning) (2st seance)	Lecturer
WEEK 3				
DAY 11	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Practical Course	Bedside education-Basic echocardiography	Dr. O. Birdal
	10:30-12:00	Practical Course	Bedside education-Acute coronary syndromes	Dr. M. Hakan Taş
	13:30-14:20	Theoretical Course	Acute heart failure	Dr. S. Sevimli
	14:30-15:20	Theoretical Course	Congenital heart diseases	Dr. S. Sevimli
	15:20-17:00		FREE PRACTICAL EDUCATION	
DAY 12	08:00-09:20		Practical education	Lecturer
	09:30-10:20	Practical Course	Bedside education- Approach to the patient with arrhythmia	Dr. E. Bayram
	10:30-12:00	Practical Course	Bedside education- Basic coronary angiography	Dr. S. Sevimli
	13:30-14:20	Theoretical Course	Bradycardias and AV blocks	Dr. F. Gündoğdu
	14:30-15:20	Theoretical Course	Bradycardias and AV blocks	Dr. F. Gündoğdu
	15:20-17:00		Practical education	
DAY 13	08:00-09:20		Practical education	Lecturer
	09:30-10:20		CBL (Case-based learning) (3st seance)	Lecturer
	10:30-12:00		CBL (Case-based learning) (3st seance)	Lecturer
DAY 14	08:00-17:00		Practical education	Lecturer
DAY 15	08:00-12:00		ORAL EXAMINATION	
	13:30-17:00		THEORETICAL EXAM	

5. MATCHING CARDIOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING CARDIOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
CARD001	Bradycardias and AV blocks	DR. FUAT GÜNDOĞDU	2		2, 4, 10, 11, 15, 22	2, 8, 10, 11, 12, 23, 24, 26,	5, 7, 10, 11, 15, 16, 17, 18, 33, 34, 38	3, 12, 13
CARD002	Branch blocks	DR. FUAT GÜNDOĞDU	1		6, 10	2, 10	7, 15, 17, 18	12, 13
CARD003	Symptoms and signs in heart diseases-Cardiac anamnesis	DR. HÜSEYİN ŞENOCAK	1	1	1, 2, 6, 8, 9, 10, 11, 12, 17, 19, 20, 21, 22	2, 4, 9, 10, 11, 13, 19, 20, 22	15	
CARD004	Examination of cardiovascular system	DR. HÜSEYİN ŞENOCAK	1	1	7, 13, 14, 15, 16, 20, 23	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26	5, 16, 17, 18, 19, 34, 36	15
CARD005	Acute coronary syndromes-Patogenesis, diagnosis and treatment	DR. HÜSEYİN ŞENOCAK	3		4, 8, 10, 15, 16, 22, 24, 25, 26	1, 2, 10, 11, 12, 24	7, 8, 9, 10, 11, 15, 16, 17, 18, 19, 20, 22, 23, 24, 28, 30, 31, 33, 34, 35, 36, 37, 38, 39	2, 3, 5, 6, 7, 8, 9, 10, 12, 13
CARD006	Bedside education-Cardiac risk assessment	DR. HÜSEYİN ŞENOCAK		1	24, 25, 26	5, 14, 15, 17,	12	1, 2, 7
CARD007	Stable Coronary Heart Disease-Patogenesis, diagnosis and treatment	DR. ŞULE KARAKELLEOĞLU	2		8, 10, 16, 24, 25, 26	5, 14	7, 12, 15, 18, 19, 23, 28, 29, 38, 39	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12
CARD008	Chronic heart failure	DR. ŞULE KARAKELLEOĞLU	2	1	2, 4, 8, 10, 11, 13, 15, 16, 17, 18, 20, 22, 24, 25, 26	1, 2, 8, 11, 23, 24	6, 7, 12, 15, 17, 18, 19, 28, 38, 39	4, 5, 6, 7, 8, 9, 10, 12
CARD009	Pericardial diseases	DR. ŞULE KARAKELLEOĞLU	1		1, 10	19, 24	1, 7, 17, 18, 19	12
CARD010	Supraventricular arrhythmias	DR. SERDAR SEVİMLİ	2	1	4, 6, 10, 15	10, 24	5, 7, 11, 16, 17, 18, 31	12, 13
CARD011	Congenital heart diseases	DR. SERDAR SEVİMLİ	1		7, 8, 16, 23	11, 13	6, 7, 15, 18, 19	12
CARD012	Acute heart failure	DR. SERDAR SEVİMLİ	1		4, 8, 10, 14, 15, 20	1, 2, 10, 11, 24	5, 6, 7, 8, 9, 10, 11, 16, 17, 18, 19, 30, 31, 34, 35, 36, 37	12
CARD013	Bedside education- Basic coronary angiography	DR. SERDAR SEVİMLİ		1	10		20, 24, 25, 29, 32	12
CARD014	Arterial hypertension-Diagnosis and treatment	DR. EDNAN BAYRAM	1		2, 3, 5, 6, 8, 10, 14	7	6, 7, 12, 13, 14, 17, 18, 28, 34, 38, 39	4, 5, 6, 7
CARD015	Acute rheumatic fever	DR. EDNAN BAYRAM	1		1, 8, 9, 16, 24	3, 11	12, 15, 17, 18	5
CARD016	Infective endocarditis	DR. EDNAN BAYRAM	1		1, 16, 24	6, 9, 11	12, 17, 18, 27, 28	5
CARD017	Bedside education - Approach to the patient with arrhythmia	DR. EDNAN BAYRAM		1	6	10	7, 16, 17, 18, 20, 31	12
CARD018	Mitral valve diseases	DR. M. HAKAN TAŞ	2		6, 8, 10, 12, 16, 24	2, 6, 9	6, 7, 12, 18	12
CARD019	Myocardial diseases	DR. M. HAKAN TAŞ	1		1, 8, 10, 14	16	18, 29	
CARD020	Bedside education-Acute coronary syndromes	DR. M. HAKAN TAŞ		1	10	2	7, 8, 9, 10, 11, 16, 17, 18, 20, 22,	12, 13

							31, 33, 34, 35, 36, 37	
CARD022	Aortic valve diseases	DR. YAVUZER KOZA	2		2, 8, 10, 11, 16, 22	9, 11	6, 7, 18	12
CARD023	Pulmonary embolism	DR. YAVUZER KOZA	1		4, 8, 10, 15, 22	20, 24	5, 6, 7, 10, 11, 12, 16, 17, 18, 19, 20, 22, 29, 36, 37	12
CARD024	Bedside education-Cardiac anamnesis and physical examination	DR. YAVUZER KOZA		1	1, 2, 6, 8, 9, 10, 11, 12, 17, 19, 20, 21, 22	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26	5, 16, 17, 18, 19, 34, 36	15
CARD025	Cardiac anatomy and physiology	DR. OĞUZHAN BIRDAL	1					
CARD026	Dyslipidemias	DR. OĞUZHAN BIRDAL	1		24, 25, 26	14, 15, 17	12, 13, 14, 28, 38, 39	1, 2, 4, 5, 6, 7, 8, 9, 10, 14
CARD027	Ventricular arrhythmias	DR. OĞUZHAN BIRDAL	1	1	2, 4, 6, 8, 10, 15, 22	2, 10, 11, 12, 24	5, 7, 10, 11, 16, 17, 18, 19, 31, 33, 34, 37	12, 13
CARD028	Pulmonary hypertension	DR. OĞUZHAN BIRDAL	1		7, 8, 13, 20, 25	11, 21	6, 7, 15, 17, 18, 19	5, 6, 7, 12
CARD029	Bedside education-Basic echocardiography	DR. OĞUZHAN BIRDAL		1				12
CARD030	Basic ekg principles	DR. GÖKHAN CEYHUN	2				7	12
CARD031	Pathological ECG interpretation with examples	DR. GÖKHAN CEYHUN	2	1		2, 8	7	12
CARD032	Bedside education-Defibrillator education	DR. GÖKHAN CEYHUN		1			31, 37	12

6. LEARNING METHODS OF CARDIOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF CARDIOLOGY CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • On-the-job learning and assessment (MiniPET) 	

7. "STUDENT TRAINEE REPORT" FOR CARDIOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V CARDIOLOGY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic medical history	4	3*	
B. Physical Examination (General and Problem-Oriented)			
Examination of cardiovascular system	4	5*	
Examination of respiratory system	4	5*	
C. Registration, Reporting and Notification			
Preparing patient file	4	2	
Prescribing	4	3*	
D. Laboratory Tests and Other Related Processes			
Taking electrocardiography and evaluating electrocardiogram	3	10	
Creating a laboratory request form	4	5	
E. Interventional and Non-Interventional Applications			
Measuring blood pressure	4	10	
Acompanying echocardiography application	1	10*	
Acompanying exercise stress test	1	3*	
Participating in diagnostic and interventional procedures in the cardiac catheterization laboratory	1	5*	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN CARDIOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN CARDIOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85 %)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 40 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision)• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP GUIDE

Code	TPT-516 / TPT-502
Period	3 weeks

Type	Compulsory
ECTS	5

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Up To Date
2.	
3.	

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “Ataturk University Faculty of Medicine Trainee Report” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles” .
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “http://anket.atauni.edu.tr” . The participation link to the survey will be sent to the students by the dean's management.

1. THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP PROGRAM

7.	To be able to make a pre-diagnosis / diagnosis by evaluating the anatomy, physiological features of the thoracic related organs, and the symptoms and signs of the diseases that affect them
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8.	To be able to define emergencies for Thoracic Surgery - Cardiovascular Surgery and make emergency treatment
9.	Creating and applying a treatment plan in clinical situations required within the scope of education level criteria
10.	To be able to provide referral when necessary after emergency intervention and treatment
11.	To be able to gain the knowledge, skills and professionalism characteristics determined for internship.

2. THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	5	4	4	4	5	5	5	5	5	5	5	5	4	4	4	3	5	5	5
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	5	5	5	5	5	4	5	5	5	4	5	5								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Thoracic Surgery and Cardiovascular Surgery clerkship period

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
12.	Abdominal distension	14	Abdominal pain	27	Problems with altitude and plunge (pressure changes)
13.	Apnea	15	Mass in the abdomen	28	Legal situations / responsibilities
14.	Fever Dysphagia	16	Claudication intermittent	29	Accidents (Home-work-traffic accidents, falls, drowning)
15.	Palpitation	17	Lymphadenopathy	30	Corrosive exposure
16.	Skin and nail changes (dryness, discoloration, etc.)	18	Edema	31	Death
17.	Dysphagia	19	Cough	32	Violence (Domestic violence, violence against children, women, healthcare personnel, violence at work, mobing)
18.	Dyspnoea	20	Parasthesia	33	Disabilit
19.	Chest pain	21	Paresis, paralysis	34	Risk management and malpractice
20.	Chest wall anomalies	22	Syncope	35	Wounds and injuries
10.	Hemoptysis	23	Cyanosis	36	Prevention of chronic diseases
11.	Hypertension	24	Stridor	37	Health promotion
12.	Hypotension	25	Sweating changes	38	Problems with tobacco, alcohol and substance use
13.	Cardiac murmur	26	Foreign body (swallowing / aspiration / ear / nose)		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “**Diseases / Clinical Problems**” listed below during the Thoracic Surgery and Cardiovascular Surgery clerkship period.

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
<p>In the clinical problems mentioned in the column next to;</p> <p>Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary</p>	<ol style="list-style-type: none"> 1. Pulmonary edema 2. Acute coronary syndrome 3. Anaphylaxis 4. ARDS 5. Artery and vein injury 6. Cardio - pulmonary arrest 7. Accidents (Home-work-traffic accidents, falls etc.) 8. Compartment syndrome 9. Pneumothorax 10. Respiratory failure 11. Thoracic traumas 12. Foreign body / aspiration 13. Laryngeal obstruction
<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<ol style="list-style-type: none"> 14. Achalasia 15. Lung Cancer 16. Acute artery occlusion 17. Aortic aneurysm / rupture 18. Aortic dissection 19. Bronchiectasis 20. Diaphragmatic hernias 21. Deep vein thrombosis 22. Varicose veins in the extremity 23. Gastrointestinal system motility disorders 24. Interstitial lung diseases 25. Heart valve diseases 26. Heart rhythm disorders 27. Bone tumors 28. Cyst hydatid disease 29. Coronary artery disease 30. Pleural effusion, empyema 31. Pneumothorax
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<ol style="list-style-type: none"> 32. Acute coronary syndrome 33. Sudden death 34. Congenital structural anomalies 35. Gastrointestinal system cancers 36. Heart failure 37. Compartment syndrome 38. Foreign body / aspiration
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<ol style="list-style-type: none"> 39. Gastro - esophageal reflux
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<ol style="list-style-type: none"> 40. Lung Cancer 41. Acute coronary syndrome 42. Anaphylaxis 43. Sudden death 44. Bronchiectasis 45. Deep vein thrombosis 46. Congenital structural anomalies 47. Varicose veins in the limb 48. Gastrointestinal system cancers

	49. Gastro - esophageal reflux 50. Heart valve diseases 51.Heart failure 52. Accidents (Home-work-traffic accidents, falls etc.) 53.Compartment syndrome 54.Cyst hydatid disease

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Thoracic Surgery and Cardiovascular Surgery clerkship period.

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	1. To be able to pleural puncture
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 2)	2. Forensic case examination 3. Consciousness assessment and mental state examination 4. Musculoskeletal examination 5. To be able to prepare a forensic report 6. Ability to establish vascular access 7. Ability to apply defibrillation 8. To be able to take and evaluate ECG 9. Ability to edit reporting and notification 10. Periodic examination, control (Cardiac risk calculation, adolescent counseling, tobacco counseling, cancer screening, etc.) 11. Reading and evaluating direct radiographs 12. To be able to distinguish / manage forensic cases 13. "Airway" application 14. Rational drug use 15. Ability to open skin and soft tissue abscess 16. Being able to intubate 17. Ability to take biological samples from the patient 18. Ability to remove the foreign body in the airway with appropriate maneuvers 19. To be able to apply and evaluate pulse oximetry 20. Evaluating respiratory function tests 21. To be able to take and take superficial sutures 22. Providing health education to the society 23. Ability to combat communicable diseases in the community
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 3)	24. To be able to take general and problem-oriented stories 25. To be able to evaluate the mental state 26. Cardiovascular system examination 27. Respiratory system examination 28. Clarification and consent 29. Ability to prepare an epicrisis 30. Ability to prepare a patient file 31. Ability to refer patients appropriately 32. Ability to issue death certificate 33. Prepare recipe

	34. Ability to prepare a treatment rejection document 35. To be able to apply the principles of working with biological material 36. Providing decontamination, disinfection, sterilization, antisepsis 37. Ability to fill the request form for laboratory examination 38. Ability to take the laboratory sample under suitable conditions and deliver it to the laboratory. 39. Ability to take measures to stop / limit external bleeding 40. Hand washing 41. Provide basic life support 42. Evaluating the disease / trauma severity scoring
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D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Chest Surgery and Cardiovascular Surgery period

THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Thoracic Surgery and Cardiovascular Surgery clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP
1. Holistic approach to health (bio - psycho social and cultural approach), patient centered approach, community oriented medicine. 2. Rights-based health approach. 3. Communication skills, communication in difficult situations, interpersonal relationships and teamwork. 4. History of medicine and thought / values, physician identity and consciousness, physician roles and limits. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Professionalism / ethical problems, dilemmas in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, health inequality, gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous personal and professional development, training and consultancy.

4. THORACIC SURGERY - CARDIOVASCULAR SURGERY CLERKSHIP - WEEKLY COURSE PROGRAM

PHASE V THORACIC SURGERY – CARDIOVASCULAR SURGERY INTERNSHIP WEEKLY TRAINING PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08:00-08:50	Asst. Prof. Ali Bilal ULAS/ Asst. Prof. Ferhat BORULU
	Thoracic Surgery Case-Based Learning (CBL) Session 1	09:00-09:50	Proff. Atila EROGLU, Proff. Yener AYDIN, Asst. Prof. Ali Bilal ULAS
	General Thoracic Surgery	10:00-10:50	Asst. Prof. Ali Bilal ULAS
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-17:00	
Tuesday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-09:50	
	Cardiovascular Surgery Case-Based Learning (CBL) Session 1	10:00-10:50	Proff. Yahya ÜNLÜ, Proff. Bilgehan ERKUT, Assoc. Prof. Ugur KAYA Assoc. Prof. Eyup Serhat CALIK
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Clinical Case Presentation + ASD +VSD	13.30-14:20	Proff. Munacettin CEVİZ
	Abdominal Aortic Aneurysms	14.30-15:20	Assoc. Prof. Abdurrahim COLAK
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	15:30-17:00	
Wednesday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Thorax Radiology	09:00-09:50	Asst. Prof. Ali Bilal ULAS
	Pneumothorax	10.00-10:50	Asst. Prof. Ali Bilal ULAS
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Elective / Freelance Work	13:30-17:00	
Thursday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08.00-09:50	
	Peripheral Arterial Disease	10.00-10:50	Assoc. Prof. Eyup Serhat CALIK
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11.00-12:00	
	Aortic Dissection	13.30-14:20	Proff. Yahya ÜNLÜ
	Lower Extremity Venous System Diseases Venous Thromboembolism – Tetralogy of Fallot	14.30-15:20	Assoc. Prof. Umit ARSLAN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	15:30-17:00	
Friday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Pleural Effusions	09:00-09:50	Asst. Prof. Ali Bilal ULAS
	Hyperhidrosis	10.00-10:50	Asst. Prof. Ali Bilal ULAS
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-17:00	
II. Week			
Monday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08.00-09:50	
	Cardiovascular Surgery Case-Based Learning (CBL) Session 2	10.00-10:50	Proff. Hikmet KOCAK, Assoc. Prof. Abdurrahim COLAK Assoc. Prof. Umit ARSLAN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Varices	13:30-14:20	Assoc. Prof. Umit ARSLAN

	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	14:30-17:00	
Tuesday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Thoracic Surgery Case-Based Learning (CBL) Session 2	09.00-09:50	Proff. Atila EROGLU, Proff. Yener AYDIN, Asst. Prof. Ali Bilal ULAS
	Hydatic Cyst	10.00-10:50	Proff. Yener AYDIN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Foreign Bodies	13:30-14:20	Proff. Yener AYDIN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	14:30-17:00	
Wednesday	In the relevant clinic Information on Internship and Ethical and Professional Values in Clinical Practices	08.00-08:50	Asst. Prof. Ali Bilal ULAS/ Asst. Prof. Ferhat BORULU
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	09:00-09:50	
	Surgical Treatment of Coronary Artery Disease	10.00-10:50	Proff. Hikmet KOCAK
	Acute Artery Embolism + ASD	11:00-12:00	Assoc. Prof. Ugur KAYA
	Elective / Freelance Work	13:30-17:00	
Thursday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Congenital Chest Wall Deformities	09.00-09:50	Proff. Yener AYDIN
	Congenital Lung Malformations	10.00-10:50	Proff. Yener AYDIN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Bronchiectases	13:30-14:20	Proff. Yener AYDIN
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	14:30-17:00	
Friday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08.00-09:50	
	Peripheral Vascular Injuries	10.00-10:50	Proff. Bilgehan ERKUT
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-12:00	
	Surgical Treatment of Mitral Valve Diseases	13:30-14:20	Assoc. Prof. Abdurrahim ÇOLAK
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	14:30-17:00	
	III. Week		
Monday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Thoracic traumas	09.00-09:50	Proff. Atila EROGLU
	Diaphragmatic hernias	10.00-10:50	Proff. Atila EROGLU
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-17:00	
Tuesday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08.00-08:50	
	Cardiovascular Surgery Case-Based Learning (CBL) Session 3	09:00-09:50	Proff. Munacettin CEViZ, Asst. Prof. Ferhat BORULU
	Surgical Treatment of Aortic Valve Diseases + PDA	10:00-10:50	Assoc. Prof. Eyup Serhat CALIK
	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	11:00-17:00	
Wednesday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08:00-08:50	
	Lung cancer	09.00-09:50	Proff. Atila EROGLU

	Esophageal Diseases	10.00-11:30	Proff. Atila EROGLU
	Thoracic Surgery Case-Based Learning (CBL) Session 3	11:30-12:00	Proff. Atila EROGLU, Proff. Yener AYDIN, Asst. Prof. Ali Bilal ULAS
	Elective / Freelance Work	13:30-17:00	
Thursday	Practical applications in the related clinic (Operating room, Outpatient clinic, Service)	08.00-08:50	
	Cardiopulmonary Bypass	09:00-09:50	Proff. Yahya ÜNLÜ
	Pericardial Effusion and Tamponade + VSD	10:00-10:50	Asst. Prof. Ferhat BORULU
	Independent Working Time	11:00-17:00	
Friday	EXAM (Practical-Oral)	09:00-10:50	Department of Thoracic Surgery – Cardiovascular Surgery
	EXAM (Multiple-Choice)		
	Post-internship feedback meeting	11.00-11:50	

5. MATCHING THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING INTERNAL MEDICINE CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical Problem	Basic Medical Practices	Behavioral, Social and Humanities
TS 001	Thoracic Anatomy	Assistant Professor Ali Bilal ULAS	1					
TS 002	Thoracic Radiology	Assistant Professor Ali Bilal ULAS	1				11	
TS 003	Pleural effusions, Hemothorax	Assistant Professor Ali Bilal ULAS	1		7, 8, 30, 35	10	1, 11, 1517, 19, 21, 24, 25, 27, 28, 29, 31	
TS 004	Pneumothorax	Assistant Professor Ali Bilal ULAS	1		7, 8, 27, 35	9, 10, 31	1, 11, 19, 21, 24, 25, 27, 28, 29, 31	
TS 005	Bronchiectasis	Assistant Professor Ali Bilal ULAS	1		3, 17, 19	19, 44	11, 24, 25, 27, 28, 29	
TS 006	Congenital structural anomalies	Prof. Dr. Yener AYDIN	1		9, 34, 46	34, 46	10, 11, 24, 25, 27, 28, 29	
TS 007	Cyst Hydatid	Prof. Dr. Yener AYDIN	1		3, 8, 10, 19	3, 10, 28, 42	10, 11, 23, 24, 25, 27, 28, 29	
TS 008	Foreign object aspiration	Prof. Dr. Yener AYDIN	1		2, 24, 26	10, 12, 13, 38	11, 18, 24, 25, 27, 28, 29, 31	
ts 009	Esophageal foreign objects	Prof. Dr. Yener AYDIN	1		6, 8, 26, 30	38	11, 24, 25, 27, 28, 29, 31	
TS 010	Hyperhidrosis	Prof. Dr. Yener AYDIN	1		25		22, 24, 25, 27, 28, 29	
TS 011	Lung cancer	Prof. Dr. Atila EROĞLU	1		8, 10, 24, 27, 33, 36, 37, 38, 40	15, 40	10, 11, 20, 22, 24, 25, 27, 28, 29	
TS 012	Esophageal Diseases	Prof. Dr. Atila EROĞLU	1		6, 33, 48	14, 23, 35, 39, 48	10, 11, 24, 25, 27, 28, 29	
TS 013	Diaphragmatic Hernias	Prof. Dr. Atila EROĞLU			7, 8	20	11, 24, 25, 27, 28, 29	
TS 014	Thoracic Traumas	Prof. Dr. Atila EROĞLU			8, 18, 28, 29, 31, 32, 34, 35	1, 4, 5, 6, 7, 9, 10, 11, 33, 43	2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 19,	

							24, 25, 27, 28, 29, 30, 31, 32, 33, 34	
TS 015	Differentiation of forensic cases	Dep.Faculty Members		1				
TS 016	Hand washing	Dep.Faculty Members		1				
TS 017	To be able to pleural puncture	Dep.Faculty Members		1				
TS 018	Provide basic life support	Dep.Faculty Members		1				
TS 019	Ability to take and take superficial sutures	Dep.Faculty Members		1				
TS 020	Service Visit	Dep.Faculty Members		42				
TS 021	Polyclinic / Operating Room Applications	Dep.Faculty Members		22				
TS 022	Meeting to inform internship goals and objectives	Head of internship commission	1					
TS 023	Post-internship feedback meeting	Head of internship commission	1					
CVS 001	Abdominal Aortic Aneurysms	Associate Professor Abdurrahim COLAK	1		1, 14, 15	17, 18	24, 26, 28.29, 31	
CVS 002	Congenital Heart Diseases and Surgical Treatment ASD, VSD, PDA	Prof. Dr. Münacettin CEVİZ	1		4, 7, 8, 13, 23, 31	1, 10, 25, 26, 33, 34, 46	8, 10, 11, 24, 26, 27, 28.29, 31	
CVS 003	Peripheral Artery Diseases	Prof. Dr. Azman ATEŞ	1		16, 20, 21	16	24, 26, 28.29, 31	
CVS 004	Aortic Dissection	Prof. Dr. Yahya ÜNLÜ	1		7, 8, 12, 22	18, 33	24, 26, 28.29, 31	
CVS 005	Lower Extremity Venous System Diseases Venous Thromboembolism	Associate Professor Ümit ARSLAN	1		5, 18, 23	21, 45	24, 26, 28.29, 31	
CVS 006	Varicose veins	Associate Professor Ümit ARSLAN	1		5, 18	22, 47	24, 26, 28.29	
CVS 007	Surgical Treatment in Coronary Artery Diseases	Prof. Dr. Hikmet KOÇAK	1		4, 8, 11	2, 26, 32, 33	7, 8, 10, 26, 31	
CVS 008	Acute Artery Embolism	Associate Professor.Uğur KAYA	1		20, 21, 23	16	24, 26, 28.29, 31	
CVS 009	Peripheral Vascular Injuries	Prof.Dr.Bilgehan ERKUT	1		12, 23	5, 8, 37	24, 26, 28.29, 31	
CVS 010	Surgical Treatment of Mitral Valve Diseases	Associate Professor.Uğur KAYA	1		4, 7, 13, 23	25	8, 11, 24, 26, 28.29, 31	
CVS 011	Surgical Treatment of Aortic Valve Diseases	Associate Professor Eyüpserhat ÇALIK	1		4, 7, 13, 22, 23	25	8, 11, 24, 26, 28.29, 31	
CVS 012	Tetralogy of Fallot	Associate Professor Ümit ARSLAN	1		7, 22, 23	34	11, 24, 26, 28.29, 31	

CVS 013	Cardiopulmonary Bypass	Prof.Dr.Yahya ÜNLÜ	1		8	2, 6, 32, 33, 41, 43	24, 26, 28.29, 31	
CVS 014	Pericardial Effusion and Tamponade	Assistant Professor Ferhat BORULU	1		7, 8, 12, 18	30, 33	8, 11, 24, 26, 28.29, 31	

6. LEARNING METHODS OF THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP PROGRAM

LEARNING METHODS OF THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none">• Structured learning activities carried out in clinical skills laboratories and simulated patient centers• Multidisciplinary laboratory practices• • Bedside trainings, visits, structured focused patient visit; service and polyclinic experiences• • Community-based learning activities (observing health risks in the workplace and schools, evaluating the services provided, service delivery in primary health care institutions, home visits, etc.)• • On-the-job learning and assessment• • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none">• Classroom lesson / presentation: Lecture, instructor presentation, interactive lecture / classroom lessons• Interdisciplinary learning events (meetings, panels, group discussions)• • Case / problem-based interactive learning activities conducted with small groups (case-based evaluation, case discussion, clinical tutorials, etc.)• Case-based learning• Independent learning• Multidisciplinary laboratory applications, anatomy laboratory applications• • Project / research based learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none">• Interdisciplinary learning events (meetings, panels, forums, group discussions)• Critical case discussions• Reflection sessions• • Student development file (portfolio) application• • On-the-job learning and assessment (MiniPET)Critical situation discussionsı• Reflection sessions• Written visual texts readings and interpretations• Student development file (portfolio) application• On-the-job learning and assessment (MiniPET)

7. “STUDENT TRAINEE REPORT” FOR THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V THORACIC SURGERY –
CARDIOVASCULAR SURGERY CLERKSHIP
STUDENT TRAINEE REPORT**

Name:..... Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
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A. Taking Anamnesis

Taking general and problem-oriented stories	3	1*	

B. Physical Examination (General and Problem-Oriented)

Cardiovascular system examination	3	1*	
UBI measurement	3	1*	

C. Registration, Reporting and Notification

Write a prescription	3	1*	
Preparing a patient file	3	1	

D. Laboratory Tests and Other Related Processes

Ability to take the laboratory sample under suitable conditions and send it to the laboratory under suitable conditions	3	3	
Ability to fill the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic examinations	2	3*	

E. Interventional and Non-Interventional Applications

Ability to open a central venous catheter	2	1*	
Ability to suture / suture primary incision	2	1	

I-Total Basic Medicine Practice score (out of 5 point)

II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)

Total Professionalism score (out of 5 point)

III- Clinical Problem Solving (out of 5)
(Given from the performance shown in **Case Based Learning sessions**)

TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)

Teaching Staff Date and Sign	Head of Department Date and Sign
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* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN THORACIC SURGERY – CARDIOVASCULAR SURGERY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V DERMATOLOGY AND VENEREOLOGY CLERKSHIP GUIDE

Code	TPT-501
Period	3 weeks

Type	Compulsory
ECTS	5

DERMATOLOGY CLERKSHIP-Prerequisite Courses

1	the pre-clinical courses
2	courses in the relevant committee (s) in session 3

REFERENCES(RESOURCE BOOK -OTHERS)

1.	Dermatology. Jean L. Bologna, Julie V. Schaffer, Lorenzo Cerroni, Jeffrey P. Callen, Edward W. Cowen, George J. Hruza, Joseph L. Jorizzo, Harvey Lui, Luis Requena, Thomas Schwarz, Antonio Torrelo.2018
2.	Dermatoloji. Yalçın Tüzün, Mehmet Ali Gürer, Server Serdaroğlu, Oya Oğuz, Varol Aksungur (Editörler); Nobel Tıp Kitabevi.
3.	Dermatoloji (Jean L Bologna). Hayriye Sarıcaoğlu, Emel Bülbül Başkan (Çeviri editörleri); Nobel Tıp Kitabevleri.
4.	Fitzpatrick's Dermatology in General Medicine. Lowell A. Goldsmith, Stephen I. Katz, Barbara A. Gilchrest, Amy S. Palle, David J. Leffell, Klaus Wolff (Editors); McGraw-Hill.
5.	Fitzpatrick'in Renkli Klinik Dermatoloji Atlası ve Özeti. Neslihan Şendur, Göksun Karaman, Ekin Şavk (Çeviri editörleri); Güneş Tıp Kitabevleri.
6.	UpToDate (http://www.uptodate.com).
7.	Andrews' Diseases Of The Skin: Clinical Dermatology, William D. James, Timothy G. Berger, Dirk M. Elston 2016

DERMATOLOGY AND VENEREOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Training starts on 08.00 in the morning and ends at 17.00 in the evening.
2	Students are expected to attend lectures, clinics and exams in a clean and well-maintained manner, with white coat and ID card.
3	The first course is planned as introduction to Dermatology and venereology clerkship. The students will be informed by the instructor about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medical practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are expected to attend grand rounds every morning at 8.30 on weekdays
5	Students are required to keep the "Atatürk University Faculty of Medicine Trainee Report" which includes the knowledge, skills and attitudes expected to be gained during the clerkship prepared in accordance with the learning objectives and competencies. At the end of the clerkship, the Trainee Card must be approved by the director of the clerkship and delivered to the Department.
6	80% attendance is compulsory for the clerkship (in theoretical-practical sessions and grand rounds) and failure to attend with more than 20% of sessions leads to loss of the right to take the exam at the end of the clerkship.
7	Students will participate in scientific meetings, case presentations and seminars organized by the Department.
8	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles".
9	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. DERMATOLOGY AND VENEREOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVES OF THE DERMATOLOGY AND VENEREOLOGY CLERKSHIP	
The students are expected to gain following achievements at the end of the clerkship	
1.	To gain the necessary knowledge, skills and attitudes to diagnose and treat the most common dermatological diseases in our country and region in accordance with the learning objectives specified in the National Core Education Program.
2.	To be able to define and manage dermatological emergencies
3.	To be able to create and apply treatment plan for certain clinical conditions within the scope of expected learning level
4.	To be able to refer the patient when necessary after emergency intervention and treatment
5.	To grow up as physicians who are questioning and open-minded, and enthusiastic for research, who practice their profession within ethical rules, and who can approach the patient and their family in a holistic manner and empathize.
6.	To gain the knowledge, skills and professionalism characteristics identified for Dermatology clerkship.

2. DERMATOLOGY AND VENEREOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Level of contribution	5	5	4	2	2	3	3	3	3	3	3	4		3	3	3	3	3	3	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Level of contribution	3	4	3	3	3	3	3	2	3	3	3	3								

Level of contribution: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 veryhigh

3. LEARNING OBJECTIVES OF THE DERMATOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: During the Dermatology clerkship, it is expected to gain competence in following symptom / clinical conditions, forensic / psychosocial conditions, health conditions and environmental / global conditions.

1.	Oral sores,	4.	Genital sores	7.	Hair loss
2.	Rashes/skin lesions (maculopapular, bullous, vesicular, ulcerative etc)	5.	Pruritus	8.	Insect bites
3.	Skin and nail changes (dryness, color change etc)	6.	Petechiae, purpura, ecchymosis		

B. KNOWLEDGE: During the Dermatology and Venereology clerkship, students are expected to get knowledge at the levels identified in the "Learning levels of Diseases / Clinical Problems" listed below.

DERMATOLOGY CLERKSHIP- CLINICAL PROBLEMS LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems stated in the next column; To be able to define the Emergency situation (E) and manage emergency treatment and refer the patient to the specialist when necessary	1.Anaphylaxis 2.Allergic reaction 12.Erythroderma 14. Drug side effects 21.Urticaria and angioedema
In the clinical problems stated in the next column; To be able to put a preliminary diagnosis (PreD) and refer the patient to the specialist by making the necessary arrangements	7.Skin tumors 15.Leishmaniasis (cutaneous) 16.Autoimmune bullous dermatoses (pemphigus, Bullous pemphigoid, dermatitis herpetiformis) 20.Sarcoidosis 19.Systemic lupus erythematosus 23.Vasculitis 13.Tuberculosis (cutaneous)
In the clinical problems stated in the next column; To be able to make a Diagnosis (D) and have information about treatment, to be able to refer the patient to the specialist by making the necessary preliminary procedures	3.Alopecia 5.Behçet's Disease 12.Erythroderma 14.Drug side effects 17.Psoriasis, lichen planus, pityriasis rosea 18.Reactive dermatoses (erythema nodosum, erythema multiforme) 22.Vitiligo
In the clinical problems stated in the next column; To be able to Diagnose and Treat (DT)	2.Allergic reaction 4.Acne vulgaris/rosacea 6.Sexually transmitted infections 8.Skin and soft tissue infections (bacterial, fungal, viral) 9.Parasitic diseases of the skin 10.Dermatitis (atopic, contact, seborheic, diaper) 11.Infectious diseases with rash 21.Urticaria and angioedema
In the clinical problems stated in the next column; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	1.Anaphylaxis 6.Sexually transmitted infections 8.skin and soft tissue infections (bacterial, fungal, viral) 7.Skin tumors 9.Parasitic diseases of the skin 10.Dermatitis (atopic, contact, seborheic, diaper) 11. Infectious diseases with rash 14. Drug side effects 15.Leishmaniasis (cutaneous) 21.Urticaria and angioedema

C. SKILLS: During the Dermatology and Venereology clerkship, it is expected to gain ability to practice at the levels identified in the “**Basic Medical Practices**” listed below.

LEARNING LEVELS OF BASIC MEDICAL PRACTICES IN DERMATOLOGY AND VENEREOLOGY CLERKSHIP	
LEARNING LEVEL	BASIC MEDICAL PRACTICES IN THE DERMATOLOGY CLERKSHIP
For the skills specified in the next column; make pre-assessment/evaluation in uncomplicated , frequent situations/cases, create necessary plans, inform patients and their relatives and does the practice (Learning level 3) .	<ol style="list-style-type: none"> 1. Drainage of soft tissue abscesses 2. Fight against infectious diseases in the community
For the skills specified in the next column; preevaluate the practice including complex situations/cases, creates necessary plans, informs the patient and relatives does the practice (Learning Level 4)	<ol style="list-style-type: none"> 3. Following the principles of rational drug use 4. Taking an informed consent 5. Skin examination 6. Decontamination, disinfection, sterilisation, antisepsis 7. Preparing medical records 8. General and problem based history taking 9. Preparing patient file 10. Using light microscope 11. Prescribing 12. Reporting legally notifiable diseases and conditions

D. BEHAVIORAL, SOCIAL SCIENCES AND HUMANITIES (BSSH)- LIST OF CONDITIONS: It is expected to have sensitivity, knowledge and skills in the conditions related with “**Behavioral, Social sciences and Humanities**” listed below during the Dermatology and Venereology clerkship.

DERMATOLOGY AND VENEREOLOGY CLERKSHIP–BEHAVIORAL, SOCIAL SCIENCES AND HUMANITIES- LIST OF CONDITIONS	
	1. Work and Health Interaction Occupational Diseases
	2. Environment and Health Interaction Environmental diseases
	3. Child neglect and abuse Abuse (physical, emotional, sexual)
	4. Chronic Noninfectious Diseases Multimorbidity
	5. Global climate crisis Epidemic diseases
	6. Reproductive Health /Sexual Health Sexually transmitted diseases and ways of prevention

E. Professionalism: The attitudes listed below are expected to be gained during the Dermatology and Venereology clerkship.

DERMATOLOGY AND VENEREOLOGY CLERKSHIP- ATTITUDES TO BE GAINED IN TERMS OF PROFESSIONALITY	
1.	A holistic approach to health (bio - psycho - social and cultural), patient - centered, community oriented medicine
2.	Right-based health approach
3.	Communication skills, communication in difficult situations, interpersonal relations and teamwork.
4.	History of Medicine and thought/values, physician identity and awareness, roles and limits in medicine
5.	Medical ethics, ethical and professional values and responsibilities; humanitarian, social and cultural values and responsibilities
6.	Patient rights, physician responsibility, patient-physician relationship
7.	Problems and dilemmas for professionalism / ethics in health processes
8.	Legal problems in health processes
9.	Research and publication ethics
10.	Determinants of health, inequality in health, gender and health.
11.	Health systems, health policies.
12.	Health economics and management.

4. SESSION V DERMATOLOGY AND VENEREOLOGY CLERKSHIP EDUCATION PROGRAM

SESSION V DERMATOLOGY AND VENEREOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Dr. ErKayman, Melikoğlu, Bilen, Pala will attend alternately
	Grand rounds	09.00-10.00	
	Elementary lesions (2)	10.00-12.00	Asst. Prof. Merve Hatun ERKAYMAN
	Cutaneous tuberculosis (2)	13.00-15.00	Asst. Prof. Handan BILEN
	Inpatient- Outpatient clinics	15.00-16.00 Inpatient clinics (Group 1) Outpatient clinics (Group 2)	Dr. Melikoğlu, Bilen, Pala, ErKayman will attend alternately
	Independent Working Hour	16.00-17.00	
Tuesday	Grand rounds	08.00-09.30	
	Dermatitis (2)	10.00-12.00	Assoc. Prof. Mehmet MELIKOĞLU
	Urticaria (2)	13.00-15.00	Asst. Prof. Erdal PALA
	Inpatient- Outpatient clinics	15.00-16.00	
	Independent Working Hour	16.00-17.00	
Wednesday	Case-Based Learning (CBL) Session 1	08.00-10.00	Asst. Prof. Erdal PALA
	Pigment Disorders (1)	10.00-11.00	Asst. Prof. Handan BILEN
	Syphilis (1)	11.00-12.00	Asst. Prof. Handan BILEN
	Elective / Freelance Work	13.00-17.00	
Thursday	Inpatient- Outpatient clinics	08.00-14.00	
	Superficial fungal Infections (2)	15.00-17.00	Asst. Prof. Merve Hatun ERKAYMAN
Friday	Grand rounds	08.00-09.30	
	Inpatient- Outpatient clinics	10.00-16.00	
	Independent Working Hour	16.00-17.00	
II. Week			
Monday	Grand rounds	08.00-09.30	
	Mycosis Fungoides (1)	10.00-11.00	Assoc. Prof. Mehmet MELIKOĞLU
	Leishmaniasis (1)	11.00-12.00	Assoc. Prof. Mehmet MELIKOĞLU
	Skin and soft Tissue Infections (2)	13.00-15.00	Asst. Prof. Handan BILEN
	Inpatient- Outpatient clinics	15.00-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Grand rounds	08.00-09.30	
	Viral Diseases (2)	10.00-12.00	Asst. Prof. Merve Hatun ERKAYMAN
	Papulosquamous Diseases (2)	13.00-15.00	Asst. Prof. Erdal PALA
	Inpatient- Outpatient clinics	15.00-16.00	
	Independent Working Hour	16.00-17.00	

Wednesday	Case-Based Learning (CBL) Session 2	08.00-09.00 09.00-10.00	Asst. Prof. Merve Hatun ERKAYMAN (1) Assoc. Prof. Mehmet MELIKOĞLU Asst. Prof. Erdal PALA
	Connective Tissue Diseases (2)	10.00-12.00	
	Elective / Freelance Work	13.00-17.00	
Thursday	Grand rounds	08.00-09.30	
	Inpatient- Outpatient clinics	10.00-14.00	
	Bullous Diseases (2)	14.00-16.00	Asst. Prof. Handan BILEN
	Independent Working Hour	16.00-17.00	
Friday	Grand rounds	08.00-09.30	
	Inpatient- Outpatient clinics	10.00-14.00	
	Independent Working Hour	14.00-16.00	
III. Week			
Monday	Grand rounds	08.00-09.30	
	Alopecia (2)	10.00-12.00	Asst. Prof. Erdal PALA
	Acne Vulgaris and Rocasea (1)	13.00-14.00	Asst. Prof. Handan BILEN
	Reactive Dermatoses (1)	14.00-15.00	Asst. Prof. Handan BILEN
	Inpatient- Outpatient clinics	15.00-16.00	
	Independent Working Hour	16.00-17.00	
Tuesday	Grand rounds	08.00-09.30	
	Sexually Transmitted Diseases (2)	10.00-12.00	Assoc. Prof. Mehmet MELIKOĞLU
	Parasitic Diseases of the skin (1)	13.00-15.00	Asst. Prof. Merve Hatun ERKAYMAN
	Behçet's Disease (1)		Asst. Prof. Erdal PALA
	Precancerous Lesions and Skin Tumors(2)	15.00-17.00	Assoc. Prof. Mehmet MELIKOĞLU
Wednesday	Case-Based Learning (CBL) Session 3	08.00-10.00	Assoc. Prof. Mehmet MELIKOĞLU Asst. Prof. Handan BILEN
	UV Lights and Sun Protection(1)	10.00-11.00	Asst. Prof. Merve Hatun ERKAYMAN
	Cutaneous Drug Reactions (1)	11.00-12.00	Asst. Prof. Merve Hatun ERKAYMAN
	Elective / Freelance Work	13.00-17.00	
	Grand rounds	08.00-09.30	
Thursday	Inpatient- Outpatient clinics	09.30-14.00	
	Independent Working Hour	14.00-16.00	
	Friday	Structured Practical (Oral) Examination	08.00-12.00
Theoretical (multiple choice) Examination		13.00-15.00	
Post-clerkship feedback meeting		15.00-16.00	

5. MATCHING DERMATOLOGY AND VENEREOLOGY CLERKSHIP LECTURES WITH LEARNING OBJECTIVES

MATCHING DERMATOLOGY AND VENEREOLOGY CLERKSHIP LECTURES WITH LEARNING OBJECTIVES								
Code	Lecture	Teaching Staff	Theoretical (hours)	Practical (hours)	Symptoms/ conditions	Clinical problem	Basic medical practices	BSSH
DERM001	Skin examination and Morphological Terminology	Asst. Prof. Merve H. ERKAYMAN		2	1, 2, 3, 6, 7		4, 5, 8, 9	----
DERM002	Elementary Lesions	Asst. Prof. Merve H. ERKAYMAN	2		1, 2, 6	4, 7, 16, 17, 18, 21, 22, 23	5, 10	---
DERM003	Cutaneous Tuberculosis	Asst. Prof. Handan BILEN	2		1, 2	8, 24	2, 3, 5, 8, 10, 12	4, 5
DERM004	Superficial Fungal Infections	Asst. Prof. Merve H. ERKAYMAN	2	1	2, 3, 5, 7	8, 11	2, 3, 5, 6, 8, 10, 11	1, 2
DERM005	Urticaria	Asst. Prof. Erdal PALA	2	1	2, 5, 8	1, 2, 14, 21	3, 5, 8, 11	--
DERM006	Pigment Disorders	Asst. Prof. Handan BILEN	1		2	8, 22	5, 8	--
DERM007	Syphilis	Asst. Prof.	1		1, 2, 3, 4, 7	3, 6, 8, 11	2, 3, 5, 8,	5, 6

		Handan BILEN					11, 12	
DERM008	Dermatitis	Assoc. Prof. Mehmet MELIKOĞLU	2	1	2, 3, 5	2, 10,	3, 4, 5, 8, 11	1, 2
DERM009	Bullous Diseases	Asst. Prof. Handan BILEN	2	1	1, 2, 4, 5, 7	16	3, 4, 5, 7, 8, 9, 10	2
DERM010	Skin and Soft Tissue Infections	Asst. Prof. Handan BILEN	2	1	2, 3	8	1, 3, 5, 6, 7, 8, 9, 11	2
DERM011	Mycosis Fungoides	Assoc. Prof. Mehmet MELIKOĞLU	1	1	2, 5	7, 12	5	---
DERM012	Precancerous Lesions and Skin Tumors	Assoc. Prof. Mehmet MELIKOĞLU	2	1	2	7	5, 8	2
DERM013	Viral Diseases	Asst. Prof. Merve H. ERKAYMAN	2	1	1, 2	6, 8, 11	2, 3, 5, 8, 10, 11	2, 3, 6
DERM014	Papulosquamous Diseases	Asst. Prof. Erdal PALA	2	1	2, 3, 5, 7	12, 17, 19	4, 5, 7, 8, 9	4
DERM015	Dermatological Emergencies	Asst. Prof. Erdal PALA		2	2, 5	1, 2, 3, 4, 16, 24	5	---
DERM016	Connective Tissue Diseases	Asst. Prof. Erdal PALA	2		1, 2, 5, 6, 7	3, 19, 20, 23	5, 8	2, 4
DERM017	Drug Reactions	Asst. Prof. Merve H. ERKAYMAN	1	1	1, 2, 3, 4, 5, 6, 7	1, 2, 12, 14, 21, 23	3, 5	4
DERM018	Leishmaniasis	Assoc. Prof. Mehmet MELIKOĞLU	1	1	2, 8	9, 15	2, 5, 10	2, 5
DERM019	Alopecia	Asst. Prof. Erdal PALA	2	1	7	3, 19, 17, 8	5, 8	---
DERM020	Acne vulgaris and Rosacea	Asst. Prof. Handan BILEN	1	1	2	4	1, 3, 5, 8	2, 4
DERM021	Reactive Dermatoses	Asst. Prof. Handan BILEN	1	1	1, 2, 4, 7	14, 18	3, 4, 5, 8, 9	2, 4
DERM022	Sexually Transmitted Diseases	Assoc. Prof. Mehmet MELIKOĞLU	2	1	1, 2, 4	6, 8, 11,	2, 4, 5, 8, 10	1, 3, 5, 6
DERM023	Parasitic Diseases of the skin	Asst. Prof. Merve H. ERKAYMAN	1	1	2, 3, 5	9	2, 3, 5, 6, 8, 10	2, 3, 6
DERM024	Behçet's Disease	Asst. Prof. Erdal PALA	1	1	1, 2, 4	5	5, 7, 8, 9	2, 4
DERM025	UV Lights and Sun Protection	Asst. Prof. Merve H. ERKAYMAN	1		2, 5	2, 7	5, 8	2
DERM028	Grand rounds	Director of inpatient clinic						
DERM029	Inpatient- Outpatient clinics	Responsible trainer						
DERM030	Purpose and objectives of the clerkship meeting	Director of Clerkship commission	1					
DERM031	Post-clerkship feedback meeting	Director of Clerkship commission	1					

6. LEARNING METHODS OF DERMATOLOGY AND VENEREOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF DERMATOLOGY AND VENEREOLOGY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none">• Multidisciplined laboratory practices• Bedside education, grand rounds, patient centered structured visits; outpatient and inpatient clinic experiences• On-the-job learning and assessment• Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none">• Interdisciplinary learning activities (meetings, panels, group discussions)• Case/problem-based interactive learning activities conducted with small groups (problem based learning, case discussion, clinical tutorials etc)• Independent learning• Multidisciplined laboratory practices
Learning Methods Related with Professionalism:
<ul style="list-style-type: none">• Multidisciplined laboratory practices• Critical condition discussions• Student development file (portfolio)• On-the-job learning and assessment

7. SESSION V DERMATOLOGY AND VENEREOLOGY TRAINEE REPORT

Basic medical practical skills of the students will be evaluated by “**Atatürk University Faculty of Medicine Trainee Report**” which is prepared in accordance with learning levels and objectives. After the student has completed basic medical practices, they should get an approval from the responsible trainer and then deliver the Trainee card to the Department.

**ATATÜRK UNIVERSITY SESSION V
DERMATOLOGY AND VENEREOLOGY TRAINEE REPORT**

NAME-SURNAME:

NUMBER:

DATE:...../...../.....

I-Basic Medical Practices	Learning Level**	Number	Approval of Trainer (Date)
Patient File :			
A. History Taking			
13. General and problem-oriented history taking	4	5*	
B. General and Problem-Oriented Physical Examination			
Skin examination	4	10*	
C. Medical Recording, Reporting ve Notification			
Obtaining informed consent	4	4	
Preparing medical records	4	3	
Prescribing	4	5*	
Preparing patient file	4	5*	
Reporting legally notifiable diseases and condititons	4	1	
D. Laboratuvar Testleri ve İlgili Diğer İşlemler			
Dekontaminasyon, dezenfeksiyon, sterilizasyon, antisepsi sağlayabilme	4	3	
Mikroskop kullanabilme	4	3	
E. Interventional and noninterventional Practices			
Rational drug use	3	1	
Drainage of soft tissue abscesses	3	1*	
I-Total Score of Basic Medical Practices (out of 5 points)			
II-Impression about student- Professional Features appropriate for Physician (out of 5 points)			
(Evaluated by the Department trainers)			
III-Clinical Problem Solving (out of 5 points)			
(Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 points)			
Director of The Clerkship Date and signature		Head of Department Date and signature	

*: accompanied by teaching staff

**Learning Level

8. ASSESSMENT AND EVALUATION METHODS IN DERMATOLOGY AND VENERELOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN DERMATOLOGY AND VENERELOGY CLERKSHIP
PRACTICAL –ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to Practical-oral examination: % 15<ul style="list-style-type: none">➤ Basic Medical Practices(% 5)➤ Professionalism in Medical practices: Evaluated by faculty members. Trainee's compliance with the clerkship rules and team work is taken into consideration. Contribution to Practical examination: % 5➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5 points)• Practical examination: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination: (% 15)•• Oral Examination: Structured oral Exam (case-based structured questions evaluating clinical decision making and questions evaluating clinical information). Total contribution to Practical-Oral examination(% 70)• Students who score less then 60 points out of 100 from the practical-oral examination, in which the trainee card is also evaluated, are considered failed• Students who fail the practical-oral examination take the make-up exam• Student who fail the practical-oral examination can not take the theoretical (multiple choice) examination
THEORETICAL EXAMINATION
<ul style="list-style-type: none">• It consists of 50 multiple choice questions in total.<ul style="list-style-type: none">- Case-based questions evaluating clinical decision making and questions evaluating clinical information.• Students who score less then 60 points out of 100 from the theoretical (multiple choice) examination are considered failed.• Students who fail the theoretical (multiple choice) examination takes the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• It is calculated by taking the average of the scores from the theoretical and practical examinations.
MAKE-UP EXAM
<ul style="list-style-type: none">• If students who didn't take the practical-oral or theoretical examination or failed, does not take the make-up exam too or failed again, he/she is considered as failed from the clerkship. They should take Dermatology clerkship again.

SESSION V EAR NOSE AND THROAT DISEASES CLERKSHIP GUIDE

Code	TPT-502
Period	3 weeks

Type	Compulsory/Elective
ECTS	5

EAR NOSE AND THROAT DISEASES CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Up To Date
2.	Handbook of Otolaryngology ISBN 9781626234086
3.	

EAR NOSE AND THROAT DISEASES CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE EAR NOSE AND THROAT DISEASES CLERKSHIP PROGRAM

1.	By considering the learning objectives stated in the core training program at the end of the ear, nose and throat diseases internship; to be able to preliminary diagnose and diagnose important, common Ear, nose and throat diseases.
2.	To be able to perform emergency treatment for ENT by defining Emergencies (such as epistaxis, peripheral facial paralysis, abscess, deep neck infection, sudden hearing loss, nasal fracture, temporal bone fracture, vertigo, foreign body aspiration)
3.	Within the scope of the education level criteria; to be able to create and apply a treatment plan in necessary clinical situations.
4.	To ensure the referral of patients when necessary after emergency intervention and treatment.
5.	To be able to develop communication skills by understanding the importance of establishing patient-physician and physician-physician communication.
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. THE EAR NOSE AND THROAT DISEASES CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	4	5	4	4	4	5	5	3	4	5	4	3	3		3	3	4	4	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	4	5	3	4					4	4	4								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE THE EAR NOSE AND THROAT DISEASES CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the The Ear Nose And Throat Diseases clerkship period

INTERNAL MEDICINE CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Halitosis	10	Runny nose / congestion	19	Ear pain / discharge
2.	Dry mouth,	11	Nose bleeding	20	Lymphadenopathy
3.	Wound in the mout	12	Balance problems	21	Cough
4.	Apnea	13	Dysphagia	22	Postnasal drip
5.	Fever	14	Dyspnea	23	Hoarseness
6.	Headache	15	Snoring	24	Stridor
7.	Dizziness	16	Hearing impairments	25	Tobacco use
8.	Sore throat	17	Speech disorders (aphasia, dysphasia, dysarthria, stuttering, etc.)	26	Foreign body (swallowing / aspiration / ear / nose)
9.	Mass of the neck	18	Corrosive exposure	27	Swallowing difficulties

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the "Diseases / Clinical Problems" listed below during the Internal Medicine clerkship period.

THE EAR NOSE AND THROAT DISEASES CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Laryngeal obstruction 2. Facial paralysis 3. Foreign body related problems 4. Nose bleeding 5. Tracheotomy
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	6. Meniere's diseases 7. Head and neck tumors 8. Adenoid hypertrophy 9. Otosclerosis 10. Sleep-Apnea syndrome 11. Vestibular neuritis 12. Septum deviation
In the clinical problems mentioned in the column next to;	13. Perforation of the eardrum 14. Foreign body related problems

<p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<p>15. Sudden hearing loss 16. Facial paralysis 17. Salivary Gland Diseases</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<p>18. Allergic rhinitis 19. Diphtheria 20. Mumps 21. Moniliyasis 22. Vehicle motion sickness 23. Upper respiratory infections 24. Benign paroxysmal positional vertigo 25. Otitis externa 26. Otitis media 27. Sinusitis</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<p>28. Allergic rhinitis 29. Diphtheria 30. Mumps 31. Moniliyasis 32. Otitis externa 33. Otitis media 34. Upper respiratory infections 35. Head and neck tumors</p>

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the ear nose and throat diseases Clerkship period.

EAR NOSE AND THROAT DISEASES CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
<p>Skills specified in the adjacent column;</p> <p>Knows how to practice and explains the results to patients and / or relatives</p> <p>(LEARNING LEVEL 1)</p>	<p>-----</p>
<p>Skills specified in the adjacent column;</p> <p>In an emergency, performs the application in accordance with the guide / instruction</p> <p>(LEARNING LEVEL 2)</p>	<p>-----</p>
<p>Skills specified in the adjacent column;</p> <p>performs pre-assessment / evaluation in uncomplicated, frequent, cases creates necessary plans and informs patients and their relatives and does the application</p> <p>(LEARNING LEVEL 3)</p>	<p>1. Head - neck and ENT examination 2. "Airway" application 3. Ability to put and take anterior nasal tampon 4. Opening a skin and soft tissue abscess 5. To be able to take a biological sample from the patient 6. Ability to remove the foreign body in the airway with the appropriate maneuver 7. To be able to apply Rinne - Weber and Schwabach tests 8. To be able to provide health education to the society 9. To be able to fight infectious diseases in the society 10. To be able to evaluate nystagmus examination and vestibular system 11. To be able to read and evaluate direct radiographs</p>

	12. To be able to evaluate audiological tests 13. To be able to apply Dix Hallpike test and Epley maneuver
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	14. To be able to take an anamnesis for general and disease 15. To evaluate mental state 16. Respiratory system examination 17. To be able to inform the patient, to get consent 18. Being able to prepare epicrisis 19. To prepare patient file 20. To be able to issue a recipe 21. To be able to prepare refusal of treatment document 22. Being able to apply the principles of working with biological material 23. To be able to provide decontamination, disinfection, sterilization, antiseptis. 24. Filling out the request form for laboratory examination 25. Ability to take the laboratory sample under appropriate conditions and deliver it to the laboratory. 26. Hand washing 27. To be able to apply oxygen and nebul - inhaler treatment 28. To be able to use rational laboratory and imaging method

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the ear nose and throat diseases clerkship period

EAR NOSE AND THROAT DISEASES CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	2. Addiction a. Alcohol b. Tobacco
	4. Work and health interaction a. Occupational diseases b. Work-related diseases f. Accidents at work
	Environment and health interaction b. Space and health e. Exposure to harmful environmental factors (air pollution, water pollution, chemicals, biocidal products, endocrine disrupter, wastes, etc.)
	13. Accidents a. Home accidents b. Traffic accidents c. Accidents at work
	25. Health conditions a. Nutrition b. Physical, mental activity and exercise c. Sedentary life k. Mouth-dental health
	1. Technology and health interaction d. Current diagnostic-treatment tools

1. Professionalism in Medicine a. Social accountability b. Honesty, respect for privacy, truth telling, respect for privacy c. Professional values, professional identity development and historical perspective, being open to professional and individual development D. Professional domination / organization / autonomy to. Defending health and profession

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Internal Medicine clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE EAR NOSE AND THROAT DISEASES CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.

4. INTERNAL MEDICINE CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V EAR NOSE AND THROAT DISEASES CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Proff. B. AKTAN
	Semiology	09.00-10.00	Assoc. Prof. M.S. GÖZELER
	Bedside practices in the clinic	10.00-11.00	Assoc. Prof. M.S. GÖZELER
	Independent Working Hour	11.00-12.00	
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
Tuesday	Visiting	08.00-11.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya görev alacaktır.
	Case-Based Learning (CBL) Session 1	11.00-12.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-15.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya dönüşümlü görev alacaktır.
	Tonsillopharyngeal Infections	15.00-16.00	Proff. B. AKTAN
	Tinnitus	16.00-17.00	Assoc. Prof. A.TATAR
Wednesday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Head-Neck Congenital Anomalies	09.00-10.00	Assoc. Prof. M.S. SAKAT
	Independent Working Hour	10.00-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya görev alacaktır.

	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	09.00-10.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	ENT Emergencies-I	10.00-11.00	Op. Dr. Abdulkadir Şahin
	Independent Working Hour	11.00-12.00	
	Independent Working Hour Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-16.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Secretary Otitis Media	16.00-17.00	Proff. Ö. YÖRÜK
Friday	Visit-Seminar Presentation-Case Presentation-Discussion (Group 1-2)	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Thyroid Council (Group 3)	09.00-10.00	
	Nasopharyngeal Tumors	10.00-11.00	Assoc. Prof. V. MUTLU
	Deep Neck Infections	11.00-12.00	Assoc. Prof. A. TATAR
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	II. Week		
Monday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Approach to Head and Neck Masses	09.00-10.00	Assoc. Prof. K. KILIÇ
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	10.00-12.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Lip and Oral Cavity Cancers	14.00-15.00	Assoc. Prof. Z. KAYA
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	15.00-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
Tuesday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Case-Based Learning (CBL) Session 2	09.00-12.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Audiology	14.00-15.00	Assoc. Prof. V. MUTLU
	Meniere's Disease	15.00-16.00	Proff. B. AKTAN
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	16.00-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
Wednesday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Acute and Chronic Sinusitis	09.00-10.00	Assoc. Prof. M.S. SAKAT
	Laryngeal Diseases	10.00-11.00	Proff. Ö. YÖRÜK
	Independent Working Hour	11.00-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Independent Working Hour	09.00-10.00	
	Salivary Gland Diseases	10.00-11.00	Proff. B. AKTAN
	Sleep Apnea Syndrome	11.00-12.00	Assoc. Prof. Z. KAYA
	Independent Working Hour Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
Friday	Visit-Seminar Presentation-Case Presentation-Discussion (Group 3)	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Thyroid Council (Group 1-2)	09.00-10.00	

	Otosclerosis	10.00-11.00	Assoc. Prof. A.TATAR
	Hearing Loss	11.00-12.00	
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	III. Week		
Monday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Independent Working Hour	09.00-10.00	Assoc. Prof. K. KILIÇ
	External ear diseases	10.00-11.00	Assoc. Prof. M.S. GÖZELER
	ENT Emergencies-II	11.00-12.00	
	Facial Nerve Diseases	14.00-15.00	
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	15.00-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
Tuesday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Acute and Chronic Otitis Media	09.00-10.00	Assoc. Prof. K.KILIÇ
	Nasal Cavity and Paranasal Sinus Tumors	10.00-11.00	Assoc. Prof. V. MUTLU
	Independent Working Hour	11.00-12.00	
	Clinic (Group 1) Polyclinic (Group 2) Operating Theater (Group 3)	13.30-15.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately .
	Case-Based Learning (CBL) Session 3	15.00-17.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
Wednesday	Visiting	08.00-09.00	Dr. Aktan, Yörük, Tatar, Mutlu, Gözeler, Sakat, Kılıç, Kaya will work alternately.
	Vertigo	09.00-10.00	Assoc. Prof. M.S. SAKAT
	Causes of Nasal Obstruction	10.00-11.00	Proff. Ö. YÖRÜK
	Independent Working Hour	11.00-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Independent Working Hour	08.00-09.00	
Friday	Oral examination	09.30-12.00	ENT Department Seminar Room
	Written examination	13.30-14.30	ENT Department Seminar Room
	Post-internship feedback meeting	15.00-17.00	ENT Department Seminar Room

5. MATCHING EAR NOSE AND THROAT DISEASES CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING EAR NOSE AND THROAT DISEASES CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
KBB001	ENT Examination and Semiology	Doç. Dr. M.S. GÖZELER	1	1	1, 3, 4, 9, 10, 11, 19, 20, 23, 26	All	1, 18, 20, 28	25k, 29d, 30a, 30b, 30c, 30d, 30e
KBB002	Nasopharyngeal Tumors	Doç. Dr. V. MUTLU	1		1, 9, 10, 11, 16, 17, 20, 22, 25	4, 7	1, 5, 16, 18, 19, 24, 28	2a, 2b, 5e, 25a, 25k, 29d
KBB003	Audiology	Doç. Dr. V. MUTLU	1		12, 16	6, 9, 11, 15	1, 7, 10, 12, 18, 19	4a, 4b, 5b, 29d, 30a, 30b, 30c, 30d, 30e
KBB004	Tonsillopharyngeal Infections	Proff. B. AKTAN	1		1, 3, 5, 8, 9, 13, 14, 15, 17, 18, 25, 27	8, 10, 19, 23	1, 5, 8, 9, 18, 19, 20, 24, 26, 28	2a, 2b, 4a, 4b, 5b, 25a, 25k, 30a, 30b, 30c, 30e
KBB005	Nasal and Paranasal Sinus Tumors	Doç. Dr. V. MUTLU	1		2, 10, 11, 14, 15, 22, 25	4, 7, 12, 18, 27	1, 5, 11, 14, 16, 18, 19, 20, 24, 28	2a, 2b, 4a, 4b, 5b, 5e, 29d
KBB006	Salivary Gland Diseases	Proff. B. AKTAN	1		1, 2, 5, 9, 20	2, 7, 16, 17, 20	1, 5, 8, 9, 11, 18, 19, 20, 21, 23, 24, 25, 28	2a, 2b, 5e, 25a, 25b, 25c, 25k, 29d, 30b, 30c
KBB007	Facial Nerve	Doç. Dr. Z.	1		19	2, 16, 20,	1, 11, 12, 14, 15,	4f, 5b, 13a, 13b,

	Diseases	KAYA				26, 33	17, 18, 19, 20, 28	13c, 25b, 29d
KBB008	vertigo	Doç. Dr. M.S. SAKAT	1		7, 12	6, 11, 24, 33	1, 8, 10, 12, 13, 14, 15, 17, 18, 19, 20, 21	5b, 13a, 13b, 13c, 25a, 25b, 25c, 29d, 30c, 30d
KBB009	Lip and Oral Cavity Cancers	Doç. Dr. Z. KAYA	1		1, 3, 13, 14, 15, 17, 20, 25, 27	7, 10, 35	1, 2, 5, 8, 14, 16, 17, 18, 19, 20, 21, 26, 28	2a, 2b, 4a, 4b, 5b, 5e, 25k, 29d, 30a, 30b, 30c
KBB010	Outer Ear Diseases	Doç. Dr. M.S. GÖZELER	1		16, 19, 26	3, 25, 32	1, 5, 8, 18, 19, 20, 22, 23, 24, 25, 26	4a, 4b, 5b, 5e, 25b
KBB011	Acute and Chronic Otitis Media	Doç. Dr. K.KILIÇ	1		5, 7, 12, 16, 19	2, 13, 26, 33	1, 5, 8, 12, 14, 17, 18, 19, 20, 22, 23, 24, 25, 26, 28	29d
KBB012	Meniere's Disease	Proff. B. AKTAN	1		7, 12, 16	6, 9, 11, 15, 24	1, 7, 10, 12, 14, 15, 17, 18, 19, 20, 21	25a, 25b, 29d, 30a, 30b, 30c, 30d, 30e
KBB013	Laryngeal Diseases	Proff. Ö. YÖRÜK	1		1, 4, 5, 8, 9, 13, 14, 17, 18, 20, 21, 23, 24, 25, 27	1, 5, 7, 10, 19, 21, 23, 35	1, 5, 8, 14, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 28	2a, 2b, 4a, 4b, 4e, 29d, 30b, 30c
KBB014	Obstructive Sleep Apnea Syndrome	Doç. Dr. Z. KAYA	1		4, 15	5, 8, 10, 14	1, 8, 11, 14, 16, 17, 18, 19, 20, 21	2a, 2b, 4f, 5b, 13a, 13b, 13c, 25a, 25b, 25c, 29d
KBB015	Acute and Chronic Sinusitis	Doç. Dr. M.S. SAKAT	1		1, 5, 6, 10, 21, 22, 25, 26	3, 4, 14, 27	1, 3, 5, 8, 11, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 28	5b, 29d
KBB016	ENT Emergencies-I	Op. Dr. Abdulkadir Şahin	1		4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 16, 18, 19, 24, 26, 27	1, 2, 3, 4, 5, 13, 14, 15, 16, 32, 33	all	4f, 5e, 13a, 13b, 13c, 29d, 30a, 30b, 30c, 30d, 30e
KBB017	Head-Neck Congenital Anomalies	Doç. Dr. M.S. SAKAT	1		4, 8, 9, 13, 14, 15, 17, 23, 24, 27	1, 2, 5, 7, 10, 19, 23	1, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28	5e, 29, d, 30a, 30b, 30c, 30d, 30e
KBB018	Deep Neck Infections	Doç. Dr. A.TATAR	1		5, 8, 9, 13, 14, 17, 20, 27	5, 7, 17, 19, 20, 23, 35	1, 4, 8, 9, 11, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28	4f, 5e, 13a, 13b, 13c, 25k, 29d
KBB019	otosclerosis	Doç. Dr. A.TATAR	1		16	9, 33	1, 7, 12, 14, 18, 19	29d
KBB020	ENT Emergencies-II	Op. Dr. Abdulkadir Şahin	1		4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 16, 18, 19, 24, 26, 27	1, 2, 3, 4, 5, 13, 14, 15, 16, 32, 33	All	4f, 5e, 13a, 13b, 13c, 29d, 30a, 30b, 30c, 30d, 30e
KBB021	Hearing Loss	Doç. Dr. K. KILIÇ	1		16, 17, 19	3, 6, 9, 13, 15, 20, 25, 26, 30, 32, 33	1, 7, 8, 9, 11, 12, 14, 17, 18, 19, 20	4a, 4b, 4f, 5b, 5e, 13a, 13b, 13c, 29d, 30a, 30b, 30c, 30d, 30e
KBB022	Approach to Head and Neck Masses	Doç. Dr. K. KILIÇ	1		5, 8, 9, 19, 20, 23, 24, 27	5, 7, 10, 23, 29, 30, 34, 35	1, 4, 5, 11, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28	25k, 29d, 30a, 30b, 30c, 30d, 30e
KBB023	Tinnitus	Doç. Dr. A.TATAR	1		7, 12, 16	6, 9, 33	1, 7, 8, 12, 14, 15, 18, 19, 20, 21	2a, 2b, 4a, 4b, 4f, 5b, 5e, 25a, 29d
KBB024	Causes of Nasal Obstruction	Proff. Ö. YÖRÜK	1		1, 2, 3, 6, 8, 10, 11, 14, 15, 17, 22	3, 4, 8, 10, 12, 18, 34	1, 3, 5, 6, 8, 11, 14, 16, 17, 18, 19, 2, 21, 22, 23, 24,	4a, 4b, 5b, 13a, 13b, 13c, 29d

							25, 26, 28	
KBB025	Secretary Otitis Media	Proff. Ö. YÖRÜK	1		16, 17	7, 8, 12, 18, 23, 32	1, 7, 11, 12, 14, 17, 18, 19, 20	2a, 2b, 29d
KBB026	Service Visit	ENT teaching members						
KBB027	Polyclinic / Operating Room Applications	ENT teaching members						
KBB028	Information about internship and Ethical and Professional Values meeting in Clinical Practices	Proff. B. AKTAN	1					
KBB029	Post-internship feedback meeting		1					

6. LEARNING METHODS OF EAR NOSE AND THROAT DISEASES CLERKSHIP PROGRAM

LEARNING METHODS OF INTERNAL MEDICINE CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application

7. "STUDENT TRAINEE REPORT" FOR EAR NOSE AND THROAT DISEASES CLERKSHIP

The skills in the field of basic medicine practices expected in the Term V Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V EAR NOSE AND THROAT DISEASES
CLERKSHIP
STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
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A. Taking Anamnesis

To be able to take general and problematic stories	4	3*	

B. Physical Examination (General and Problem-Oriented)

Head - neck and ENT examination	3	3*	
To be able to apply Rinne - Weber and Schwabach tests	3	3*	
To be able to interpret the results of screening and diagnostic purposes			

C. Registration, Reporting and Notification

Writing prescriptions	4	3*	
Preparing a patient file	4	3	

D. Laboratory Tests and Other Related Processes

Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	3	
Filling the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic purposes	3	3*	

E. Interventional and Non-Interventional Applications

Be able to put and receive anterior nasal packing	3	1°	
Ability to remove the foreign body in the airway with the appropriate maneuver	3	1°	
To be able to apply oxygen and nebul - inhaler treatment	4	2°	
Removal of the plugs and foreign bodies in the outer ear canal by appropriate intervention	3	1°	

I-Total Basic Medicine Practice score (out of 5 point)

**II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)
Total Professionalism score (out of 5 point)**

**III- Clinical Problem Solving (out of 5)
(Given from the performance shown in Case Based Learning sessions)**

TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)

Teaching Staff Date and Sign	Head of Department Date and Sign
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* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN EAR NOSE AND THROAT DISEASES CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN EAR NOSE AND THROAT DISEASES CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 40 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V INFECTION DISEASES CLERKSHIP GUIDE

Code	
Period	8 weeks

Type	Compulsory/Elective
ECTS	12

INFECTION DISEASES CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Infectious Diseases Book
2.	Infectious Diseases and Microbiology Book
3.	Internal Diseases Semiology Book
4.	UptoDate

INFECTION DISEASES CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. INFECTION DISEASES CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE INFECTION DISEASES CLERKSHIP PROGRAM

7.	To be able to make a preliminary diagnosis and diagnosis of important and common infectious diseases by considering the learning objectives specified in the core education program at the end of the infectious diseases internship.
8.	To be able to perform emergency treatment by identifying emergency situations (sepsis, meningitis, etc.) for infectious diseases and to provide referral when necessary.
9.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
10.	To be able to provide referral when necessary after emergency intervention and treatment
11.	Comprehend the importance of establishing a good patient-physician and physician-physician communication and develop their skills.
12.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

13.	To gain ability to interpret biological and serological markers in infectious diseases and evaluate routine laboratory results.
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2. INFECTION DISEASES CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	3	5	3	4	5	4	5	2	4	4	4	3	2	3	2	4	4	2	2
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	3	3	2	4	2	2	4		3	3	3								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE INFECTION DISEASES CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Infection Diseases clerkship period

INFECTION DISEASES CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
10.	Fever	12	Diarrhea	23	Colic pains (renal, biliary, intestinal)
11.	Dizziness	13	dysuria	24	lymphadenopathy
12.	Headache	14	Joint pain / swelling	25	Petechia, purpura, ecchymosis
13.	consciousness changes	15	Movement restriction in joints	26	Pollacuria / Nocturia hepatomegaly
14.	Throat ache	16	Weakness	27	Jaundice
15.	Mass on the neck	17	hematuria	28	splenomegaly
16.	Nausea and vomiting	18	hepatomegaly Colic pains (renal, biliary, intestinal)	29	Tetani
17.	Runny nose / congestion	19	Hypothermia /Hyperthermia	30	Flank pain
18.	Nose bleeding	20	Abdominal pain tetany	31	ptosis
19.	Double vision	21	Musculoskeletal pain (waist, neck, back, hip and limb pain)		
20.	Skin rashes / lesions (maculopapular, bullous, vesicular)	22	Weight loss		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Infection Diseases clerkship period.

INFECTION DISEASES CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM

<p>In the clinical problems mentioned in the column next to;</p> <p>Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary</p>	<p>3. Food Poisoning 5. Dehydration 8. Gastroenteritis 11. Central nervous system infections 13. Crimean Congo hemorrhagic fever 17. Sepsis 19. Tetanus</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<p>18. Malaria 16. Anthrax 15. Rabies 14. Chronic hepatitis 1. HIV infection</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<p>2. Acute hepatitis 19. Tetanus 13. Crimean Congo hemorrhagic fever</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<p>21. Upper respiratory infections 20. Urinary system infections 8. Gastroenteritis 7. Rash rash infectious diseases 6. Skin soft tissue infections, abscesses 5. Dehydration 4. Brucellosis 9. Gastrointestinal system parasitoses 10. Influenza</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<p>21. Upper respiratory infections 1. HIV infection 3. Food poisoning 4. Brucellosis 5. Dehydration 6. Skin soft tissue infections, abscesses 7. Rash rash infectious diseases 8. Gastroenteritis 9. Gastrointestinal system parasitoses 10. Influenza 13. Crimean Congo hemorrhagic fever 14. Chronic hepatitis 15. Rabies 16. Anthrax 18. Malaria 21. Upper respiratory infections</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>be able to follow up (F) in necessary cases</p>	<p>-</p>

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Infection Diseases clerkship period.

INFECTION DISEASES CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	16. Ability to perform lumbar puncture
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	-----
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	3. Head-neck and ENT examination 11. To interpret the results of screening and diagnostic purposes 15. Removal of ticks Combating communicable diseases in society 19. Being able to apply the principles of evidence-based medicine in the clinical decision making process. 20. Immunity in childhood and adults immunization
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	1. To be able to take general and problematic stories 2. To be able to evaluate mental state 3. Head-neck and ENT examination 4. Abdominal examination 5. Skin examination 6. General situation and evaluation of vital signs 7. To prepare patient file 8. Reporting and reporting legally notifiable diseases and conditions 9. To be able to prepare a recipe 10. Filling the request form for laboratory examination 11. To interpret the results of screening and diagnostic purposes 12. Rational drug use 13. Hand washing 14. To be able to request rational laboratory and imaging examination

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Infection Diseases period

INFECTION DISEASES CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	1. Combating infectious diseases in the community

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Infection Diseases clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE INFECTION DISEASES CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Rights-based health approach
3. Communication skills, communication in difficult situations, interpersonal relations and teamwork
4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism / ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. INFECTION DISEASES CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V INFECTION DISEASES CLERKSHIP- WEEKLY COURSE PROGRAM			
IST WEEK			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Head of Department or Responsible Trainer of Clerkship
	Overview of Infectious Diseases and ways of transmission	09.00-10.00	Asst. Prof. Fatma KESMEZ CAN
	Visiting and training on patient	10.00-12.00	Asst. Prof. Handan ALAY
	Laboratory diagnosis of Infectious Diseases	13.30-14.30	Assoc. Prof. Emine PARLAK
	Fever, fever of unknown origine, approach to the patient with fever	14.45-15.45	
	Independent Working Hour	15.45-17.00	
Tuesday	Service work	08.00-09.00	
	Upper respiratory tract infections	09.00-10.00	Proff. Ayşe ALBAYRAK

	Head and neck examination (practice)	10.15-11.15	Asst. Prof. Fatma KESMEZ CAN
	Visiting and training on patient	11.30-12.00	
	Case-Based Learning (CBL) Session 1	13.30-14.30	
	The principles of taking anamnesis	14.45-15.45	Assoc. Prof. Emine PARLAK
	Independent Working Hour	15.45-17.00	
Wednesday	Service work	08.00-09.00	
	Hepatitis (1)	09.00-10.00	Proff. Mehmet PARLAK
	Hepatitis (2)	10.15-11.15	Proff. Mehmet PARLAK
	Visiting and training on patient	11.30-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Service work	08.00-09.00	
	Approach to the patient with skin eruptions	09.00-10.00	Proff. Ayşe ALBAYRAK
	Visiting and training on patient	10.00-12.00	
	Sepsis-1	13.30-14.30	Asst. Prof. Handan ALAY
	Sepsis-2	14.45-15.45	Asst. Prof. Handan ALAY
Friday	Independent Working Hour	15.45-17.00	
	Service work	08.00-09.00	
	The principle of the use of antibiotics	09.00-10.00	Proff. Mehmet PARLAK
	Visiting and training on patient	10.00-12.00	
	Rabies-1	13.30-14.30	Proff. Ayşe ALBAYRAK
Rabies-2	14.45-15.45	Proff. Ayşe ALBAYRAK	
Independent Working Hour	15.45-17.00		
II. Week			
Monday	Service work	08.00-09.00	
	Dysenteries	09.00-10.00	Proff. Ayşe ALBAYRAK
	Visiting and training on patient	10.00-12.00	
	Typhoid and paratyphoid fever	13.30-14.30	Proff. Zülal ÖZKURT
	The importance of hospital infection and prevention	14.45-15.45	Proff. Ayşe ALBAYRAK
	Independent Working Hour	15.45-17.00	
Tuesday	Service work	08.00-09.00	
	Tetanus	09.00-10.00	Proff. Kemalettin ÖZDEN
	Intestinal parasites	10.15-11.15	Proff. Zülal ÖZKURT
	Visiting and training on patient	11.30-12.00	
	AIDS (HIV infections)-1	13.30-14.30	Assoc. Prof. Emine PARLAK
	AIDS (HIV infections)-2	14.45-15.45	Assoc. Prof. Emine PARLAK
Independent Working Hour	15.45-17.00		
Wednesday	Service work	08.00-09.00	
	Food poisonings	09.00-10.00	Proff. Zülal ÖZKURT
	Case-Based Learning (CBL) Session 2	10.15-11.15	
	Visiting and training on patient	10.00-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Service work	08.00-09.00	
	Abdominal examination (practice)	09.00-10.00	Asst. Prof. Fatma KESMEZ CAN
	Visiting and training on patient	10.00-12.00	
	Brucellosis	13.30-14.30	Proff. Kemalettin ÖZDEN
	Urinary tract infections	14.45-15.45	Proff. Kemalettin ÖZDEN
	Independent Working Hour	15.45-17.00	
Friday	Service work	08.00-09.00	
	Malaria	09.00-10.00	Asst. Prof. Fatma KESMEZ CAN
	Visiting and training on patient	10.00-12.00	
	Approach to the patient with meningitis	13.30-14.30	Asst. Prof. Handan ALAY
	Approach to the patient with jaundice	14.45-15.45	Proff. Kemalettin ÖZDEN
	Independent Working Hour	15.45-17.00	
III. Week			
Monday	Service work	08.00-09.00	
	Crimean-Congo Hemorrhagic Fever	09.00-10.00	Proff. Zülal ÖZKURT

	Approach to the patient with lymphadenopathy (Practice)	10.15-11.15	Asst. Prof. Fatma KESMEZ CAN
	Visiting and training on patient	11.30-12.00	
	Viral infectious skin disorders, mumps-1	13.30-14.30	Proff. Kemalettin ÖZDEN
	Viral infectious skin disorders, mumps-2	14.45-15.45	Proff. Kemalettin ÖZDEN
	Independent Working Hour	15.45-17.00	
Tuesday	Service work	08.00-09.00	
	Diabetic foot infections	09.00-10.00	Assoc. Prof. Emine PARLAK
	Visiting and training on patient	10.00-12.00	
	Anthrax, tularemia and biological warfare-1	13.30-14.30	Proff. Zülal ÖZKURT
	Anthrax, tularemia and biological warfare-2	14.45-15.45	Proff. Zülal ÖZKURT
	Independent Working Hour	15.45-17.00	
Wednesday	Service work	08.00-09.00	
	Meningitis and meningoencephalitis 1	09.00-10.00	Proff. Mehmet PARLAK
	Meningitis and meningoencephalitis 2	10.15-11.15	Proff. Mehmet PARLAK
	Visiting and training on patient	11.30-12.00	
	Elective / Freelance Work	13.30-17.00	
Thursday	Service work	08.00-09.00	
	Chemoprophylaxis and immunoprophylaxis	09.00-10.00	Proff. Mehmet PARLAK
	Visiting and training on patient	10.00-11.00	
	Case-Based Learning (CBL) Session 3	13.30-14.30	
	Approach to the patient with diarrhea	14.45-15.45	Asst. Prof. Handan ALAY
	Independent Working Hour	15.45-17.00	
Friday	Practical Exam	09.00-10.00	
	Theoretical Exam	13.30-14.30	

5. MATCHING INFECTION DISEASES CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING INTERNAL MEDICINE CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
EH001	Overview of Infectious Diseases and ways of transmission	Fatma Can	1		1, 8, 9, 11, 12, 27,	1, 2, 4, 7, 10, 12, 13, 14, 15, 16, 18, 21	1, 6, 13, 17, 18	
EH002	Fever, fever of unknown origine, approach to the patient with fever	Emine Parlak	1		1, 2, 3, 4, 11, 14, 15, 19, 30	1, 4, 7, 10, 17	1, 2, 6	
EH003	Upper respiratory tract infections	Ayşe Albayrak	1		1, 3, 8, 14, 21	10, 21	1, 2, 3, 6, 7, 9, 11, 20	1
EH004	Laboratory diagnosis of Infectious Diseases	Handan Alay	1		1, 4, 17, 23, 27, 30	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	19, 20, 10, 11	
EH005	Sepsis	Handan Alay	2		1, 4, 23, 25, 30	17	1, 2, 3, 4, 5, 6, 7, 12, 19	
EH006	Hepatitis	Mehmet Parlak	2		7, 16, 27	2, 14	17, 19	
EH007	Head and neck examination	Fatma Can		1	1, 6, 24	7, 10, 12, 13, 21	3	
EH008	Approach to the patient with lymphadenopathy	Fatma Can		1	1, 6, 24	1, 4, 13	3	
EH009	Viral infectious skin disorders, mumps	Kemalettin Özden	2		1, 11, 25	7	5	1
EH010	Rabies	Ayşe Albayrak	2		19, 4	15	1, 8, 19, 20	1
EH011	Approach to the patient with skin	Ayşe Albayrak		1	1, 11, 25	7	5	1

	eruptions							
EH012	The principle of the use of antibiotics	Mehmet Parlak	1		4, 13, 17, 23, 30	3, 4, 8, 9, 11, 16, 17, 20, 21	9	
EH013	Dysenteries	Ayşe Albayrak	1		1, 12, 23	5, 8	4, 6, 9	1
EH014	Typhoid and paratyphoid fever	Zülal Özkurt	1		1, 12, 18, 28		4, 6	
EH015	Importance and Prevention of Nosocomial Infections	Ayşe Albayrak	1				13, 17	
EH016	Approach to the patient with diarrhea and Dehydration Treatment	Handan Alay	1		1, 7, 12, 20, 23,	5, 8	1, 2, 6, 14, 9	
EH017	Intestinal Parasites	Zülal Özkurt	1		12, 20	9	9	
EH018	Food Poisoning	Zülal Özkurt	1		1, 32, 3, 7, 12, 20	3	1, 2, 6, 14, 9	1
EH019	Abdominal examination	Fatma Can		1	1, 32, 3, 7, 12, 20	2, 14	4	
EH020	Anamnesis principles	Emine Parlak		1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 6	
EH021	Urinary Tract Infections	Kemalettin Özden	1		1, 13, 17, 23, 26, 30	20,	1, 6, 9, 12	
EH022	AIDS (HIV infections)	Emine Parlak	2		1, 24, 16	1	311, 14, 18	1
EH023	Approach to the patient with meningitis	Handan Alay		1	1, 2, 3, 4, 10,	11	1, 2, 3, 6, 7, 12, 16	
EH024	Approach to the patient with icterus	Kemalettin Özden	1		27	2, 14	1, 6, 11, 17	
EH025	Crimean Congo Hemorrhagic Fever	Zülal Özkurt	1	1	1, 2, 3, 5, 7, 8, 9, 11, 12, 16, 17, 20, 21, 25	13	1, 6, 11, 17	1
EH026	Malaria	Fatma Can	1		1, 12, 20, 25	18	1, 6, 11, 17	1
EH027	Diabetic foot infections	Emine Parlak	1		11	6	1, 6, 7, 10, 11	
EH028	Tetanus	Kemalettin Özden	1		29	19	1, 3, 6, 20	
EH029	Anthrax and tularemia and biological warfare	Zülal Özkurt	2		11	16	1, 6, 14, 17, 18	1
EH030	Meningitis and Meningoencephalitis	Mehmet Parlak	2		1, 2, 3, 4, 10	11	1, 2, 3, 6, 7, 9, 10, 11, 12, 14, 16, 19	
EH031	Chemoprophylaxis and immunoprophylaxis	Mehmet Parlak	1		1, 4, 11, 30	10, 11, 19	20	
EH032	Brucellosis	Kemalettin Özden	1		1, 14, 15, 21, 18, 28	4	1, 4, 9	1
EH033	Service Visit	Servis sorumlu öğretim		28				

		üyesi						
EH034	Information about Internship and Ethical and Professional Values in Clinical Practice	Pdö sorumlu öğretim üyesi	1					
EH035	Information about Internship and Ethical and Professional Values in Clinical Practice	Pdö sorumlu öğretim üyesi	1					

6. LEARNING METHODS OF INFECTION DISEASES CLERKSHIP PROGRAM

LEARNING METHODS OF INFECTION DISEASES CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussionsı • Written visual texts readings and interpretations 	

7. "STUDENT TRAINEE REPORT" FOR INFECTION DISEASES CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V INFECTION DISEASES CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic stories	4	3*	
To evaluate the mental situation	4	3	
B. Physical Examination (General and Problem-Oriented)			
Head - neck and ENT examination	3	3*	
Abdominal examination	4	3*	
Skin examination	4	3	
Evaluation of general condition and vital signs	4		
C. Registration, Reporting and Notification			
Writing prescriptions	4	3*	
Preparing a patient file	4	3	
D. Laboratory Tests and Other Related Processes			
Filling the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic purposes	3	3*	
E. Interventional and Non-Interventional Applications			
Using medicine with care	4	3*	
Hand washing	4	3	
Ability to request rational laboratory and imaging examination	4	3	
Tick removal	3	1	
Ability to perform lumbar puncture	1	1	
F. Preventive Medicine and Community Medicine Practices			
Taking measures to prevent infections in public areas	4	3	
To be able to fight infectious diseases in the society	3	3	
G. Scientific research principles and practices			
To be able to apply the principles of evidence-based medicine in the clinical decision making process	3	3	
H. Health			
Bağışıklama-çocukluk çağı ve erişkinlerde	4	3	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN INFECTION DISEASES CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN INFECTION DISEASES CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 5 written and 30 multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP GUIDE

Code	TPT-506
Period	3 weeks

Type	Compulsory
ECTS	5

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	<i>Ortopedi ve Travmatoloji</i> Istanbul Tıp Fakültesi 185. Yıl Ders Kitapları Serisi Yazar : Proff. Cengiz Şen, Proff. Mehmet Çakmak, Proff. Irfan Öztürk Nobel Tıp Kitabevi
2.	<i>Ortopedi Notları Klinik Muayene Rehberi</i> Yazar : Dawn Gulick Çeviri Editörü: Proff. Uğur Şaylı, Yrd. Doç. Dr. Hakan Atalar Güneş Tıp Kitabevi
3.	<i>Ortopedik Alçı ve Atel Uygulamaları</i> Yazar : Hasan Hüseyin Ceylan Güneş Tıp Kitabevi

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “Ataturk University Faculty of Medicine Trainee Report” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles” .
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “http://anket.atauni.edu.tr” . The participation link to the survey will be sent to the students by the dean's management.

1. ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM

1.	To be able to make a preliminary diagnosis and diagnosis of important, common internal diseases by considering the learning objectives specified in the core training program at the end of the internal medicine internship.
2.	To be able to perform emergency treatment for internal diseases by defining emergencies (diabetic ketoacidosis, nonketotic hyperosmolar coma, adrenal insufficiency, hypercalcemia, hypocalcemia, oncological emergencies, hyperpotasemia, poisoning, kidney failure, shock, gastrointestinal bleeding)
3.	To be able to create and apply treatment plan in necessary clinical situations within the scope

	of education level criteria.
4.	To be able to provide referral when necessary after emergency intervention and treatment.
5.	Comprehend the importance of establishing a good patient-physician and physician-physician communication and develop their skills.
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	2	3	2	2	4	4	1	1	3	3	3	4	1	2	1	1	4	2	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	2	3	1	2	2	2	3	3	2	2	2								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Orthopedics And Traumatology clerkship period

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS			
1.	Low back and back pain	5.	Muscle weakness
2.	Neck pain	6.	Musculoskeletal pain (extremity and soft tissue)
3.	Joint pain / swelling	7.	Cramp
4.	Limitation of movement		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the "Diseases / Clinical Problems" listed below during the Internal Medicine clerkship period.

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	58.Crush Injury 60. Dislocation 80.Disc Hernia 89.Congenital structural anomalies 94. Limb trauma / fractures 114. Gas Gangrene 117. Developmental hip dysplasia (hip dislocation) 180. Bone tumors 190. Compartment Syndrome 212. Mechanical back pain 233. Spine Deformities 237. Osteoarthritis 238 Osteomyelitis 262.Poliomyelitis 297.Shock 298.Tenosynovitis
In the clinical problems mentioned in the column next to;	114. Gas Gangrene 117. Developmental hip dysplasia (hip dislocation) 180. Bone tumors

Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	190. Compartment Syndrome 233. Spine Deformities 237. Osteoarthritis 238. Osteomyelitis 62. Poliomyelitis
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	58. Crush Injury 60. Dislocation 297. Shock 98. Tenosynovitis
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	297. Shock 12. Mechanical back pain
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	80. Disc Hernia 17. Developmental hip dysplasia (hip dislocation)
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	237. Osteoarthritis 98. Tenosynovitis

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Orthopedics And Traumatology clerkship period.

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	C.4. Ability to consult on disability report E.16 Ability to open skin-soft tissue abscess
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	D.18. To be able to interpret the results of screening and diagnostic examinations E.5. To be able to request rational laboratory and imaging examination E.65. Ability to carry the severed limb after trauma properly

<p>Skills specified in the adjacent column;</p> <p>Makes the preliminary assessment/evaluation of uncomplicated, frequent, situations / cases, creates the necessary plans, informs the patients and their relatives and makes the application</p> <p>(LEARNING LEVEL 3)</p>	<p>C.5. To prepare an epicrisis D.4. Evaluating direct radiographs E.6 Arterial blood gas collection E.44. To take example for culture</p>
<p>Skills specified in the adjacent column;</p> <p>Makes the preliminary assessment / evaluation of the application, including complex situations / cases, creates the necessary plans and informs the patients and their relatives and makes the application.</p> <p>LEARNING LEVEL 4)</p>	<p>A.1. Taking a general and problem-oriented story B.1.Forensic case examination B.2.Anthropometric measurements B.14.Musculoskeletal system examination C.3. Clarification and consent C.9. Arrangement of prescriptions E.7. Ability to prepare and apply a splint E.9. Ability to apply bandage, tourniquet E.29. To be able to take biological samples from the patient E.30 Ability to ensure proper transportation of the patient E.59. Ability to apply a cervical collar E.68.Ability to care for wounds and burns E.70. Ability to take and take superficial sutures</p>

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Orthopedics And Traumatology clerkship period

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	2.Work and health interaction c. The effect of illness on work and return to work after illness (rehabilitation) f. work accidents
	6.Child neglect and abuse a. Abuse (physical, emotional, sexual)
	8.Difficulties in physician-patient interaction compatibility / rejection of preventive and therapeutic practices (e.g. vaccine)
	10. Legal and ethical issues a. Professional duties and obligations
	13. Accidents a.home accidents b.Traffic accidents c.work accidents d. Nuclear and industrial accidents
	17. Unusual circumstances / disasters b. Natural disasters c. Unusual circumstances (civil actions, terrorism, conflict, wars, mass injuries, etc.)

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Orthopedics And Traumatology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR *PROFESSIONALITY* DURING THE ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP

1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Rights-based health approach
3. Communication skills, communication in difficult situations, interpersonal relations and teamwork
4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism / ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08:00-09.00	Proff. Orhan KARSAN
	Orthopedic examitaion of a patient-1	09.15-10.15	Assoc. Prof. Ali AYDIN
	Orthopedic examitaion of a patient-2	10.30-11.30	Assoc. Prof. Ali AYDIN
	Orthopedic terminology	13.00-14.00	Asst. Prof. Kutsi TUNCER
	Musculoskeletal Anatomy Overwiev-1	14.15-15.15	Asst. Prof. Muhammed Çağatay ENGIN
	Musculoskeletal Anatomy Overwiev-2	15.30-16.30	Asst. Prof. Muhammed Çağatay ENGIN
Tuesday	Polio and cerebral palsy	08.30-09.30	Asst. Prof. Mehmet KÖSE
	Orthopedic radiological evaluation-1	09.45-10.45	Asst. Prof. Mehmet KÖSE
	Orthopedic radiological evaluation-2	11.00-12.00	Asst. Prof. Mehmet KÖSE
	Orthopedic radiological evaluation-3	13.30-14.30	Asst. Prof. Mehmet KÖSE
	Open fractures	14.45-15.45	Proff. Naci EZIRMIK
Wednesday	Wound Care	08.30-09.30	Proff. Naci EZIRMIK
	Fat embolism	09:45-10.45	Proff. Naci EZIRMIK
	Elective / Freelance Work	13.30-17.00	
Thursday	Spondyloarthropathy and spinal disc herniation	08.30-09.30	Asst. Prof. Sinan YILAR
	Torticollis	09.45-10.45	Asst. Prof. Sinan YILAR
	Case-Based Learning (CBL) Session 1	10.30-12.00	Proff. Orhan KARSAN
	Case-Based Learning (CBL) Session 2	13.30-14.30	Proff. Ömer Selim YILDIRIM
	Case-Based Learning (CBL) Session 3	14.30-16.00	Proff. Naci EZIRMIK
Friday	Plaster, Splint and Traction-1	08.30-09.30	Proff. Ömer Selim YILDIRIM
	Plaster, Splint and Traction-2	09:45-10.45	Proff. Ömer Selim YILDIRIM
	Joint Dislocations and Treatment-1	13.30-14.30	Asst. Prof. Muhammed Çağatay ENGIN
	Joint Dislocations and Treatment-2	14.45-15.45	Asst. Prof. Muhammed Çağatay ENGIN
II. Week			
Monday	Talipes Equinovarus and other congenital foot deformities-1	08:30-09.30	Assoc. Prof. Ali AYDIN
	Talipes Equinovarus and other congenital foot deformities-2	09.45-10.45	Assoc. Prof. Ali AYDIN
	Osteomyelitis and Septic Arthritis	11.00-12.00	Proff. Orhan KARSAN
	Traumatic Shock	13.30-14.30	Asst. Prof. Muhammed Çağatay ENGIN
Tuesday	Spine Injuries	08.30-09.30	Asst. Prof. Sinan YILAR
	First aid in musculoskeletal injuries, ambulation of the patient -1	09.45-10.45	Proff. Orhan KARSAN

	First aid in musculoskeletal injuries, ambulation of the patient-2	11.00-12.00	Proff. Orhan KARSAN
Wednesday	Injuries of the extremities (upper and lower extremities)	08.30-09.30	Proff. Ömer Selim YILDIRIM
	Elective / Freelance Work	13.30-17.00	
Thursday	Gas gangrene	08.30-09.30	Proff. Naci EZIRMIK
	Compartment syndrome	09.45-10.45	Proff. Naci EZIRMIK
	Case-Based Learning (CBL) Session 1	10.30-12.00	Assoc. Prof. Ali AYDIN
	Case-Based Learning (CBL) Session 2	13.30-14.30	Asst. Prof. Sinan YILAR
	Case-Based Learning (CBL) Session 3	14.30-16.00	Asst. Prof. Mehmet KÖSE
Friday	Malign Bone Cancers-1	08.30-09.30	Asst. Prof. Kutsi TUNCER
	Malign Bone Cancers-2	09:45-10.45	Asst. Prof. Kutsi TUNCER
	Developmental Dysplasia of The Hip-1	13.30-14.30	Asst. Prof. Mehmet KÖSE
	Developmental Dysplasia of The Hip-2	14.45-15.45	Asst. Prof. Mehmet KÖSE
Monday	III. Week		
	Scoliosis and kyphosis -1	08:30-09.30	Asst. Prof. Sinan YILAR
	Scoliosis and kyphosis -2	09.45-10.45	Asst. Prof. Sinan YILAR
Tuesday	Tracking of the Plaster Limb	08.30-09.30	Proff. Naci EZIRMIK
	Abscess Drainage, Nail Pulling and Minor Interventions	09.45-10.45	Proff. Orhan KARSAN
	Injuries of the extremities (hip and pelvis)	11.00-12.00	Assoc. Prof. Ali AYDIN
	Dysplasias of the bone and joints-1	13.30-14.30	Asst. Prof. Kutsi TUNCER
	Dysplasias of the bone and joints-2	14.45-15.45	Asst. Prof. Kutsi TUNCER
Wednesday	Joint and Cartilage Dysplasias-1	08.30-09.30	Proff. Ömer Selim YILDIRIM
	Joint and Cartilage Dysplasias-2	09:45-10.45	Proff. Ömer Selim YILDIRIM
	Elective / Freelance Work	13.30-17.00	
Thursday	(Practical Exam)	10.30-12.00	
Friday	(Theoretical exam)	10.00-12.00	

* Trainee students will be divided into groups at the beginning of the internship and will receive training in the relevant clinics alternately in the presence of a responsible lecturer and assistant physician.

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5. MATCHING ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
	Orthopedic examination of a patient	Assoc. Prof. Ali AYDIN	2		1,2,3,4,5,6,7	58, 60, 80, 89, 94, 114, 117, 180, 190, 212, 233, 237, 238, 262, 297, 298	A.1, B.1, B.14,	2.f, 6.a, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
	Orthopedic terminology	Asst. Prof. Kutsi TUNCER	1		1,2,3,4,5,6,7	58, 60, 80, 89, 94, 114, 117, 180, 190, 212, 233, 237, 238, 262, 297, 298	A.1, C.5	2.f, 6.a, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
	Musculoskeletal Anatomy Overview	Asst. Prof. Muhammed Çağatay ENGIN	2		4,5,6	58, 60, 80, 89, 94, 114, 117, 180, 190, 212, 233, 237, 238, 262, 297, 298	B.14, E.7, E.59, D.4	2.f, 6.a, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
	Polio and cerebral palsy	Asst. Prof. Mehmet KÖSE	1		5,6,7	262	A.1, B.14	2.c, 2.f

Orthopedic radiological evaluation	Asst. Prof. Mehmet KÖSE	3	6	58, 60, 80, 89, 94, 114, 117, 180, 190, 212, 233, 237, 238, 262, 297, 298	D.4, E.5	2.f, 6.a, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
Open fractures	Prof. Naci EZIRMIK	1	4,6	58, 114, 238	A.1, B.14, D.4, E.7, E.9, E.30, E.68	2.f, 6.a, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
Wound Care	Prof. Naci EZIRMIK	1	6	58, 114, 238	E.44, E.68	2.f, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
Fat embolism	Prof. Naci EZIRMIK	1	1	58, 94	A.1, B.14, D.4	2.f, 13.a, 13.b, 13.c, 13.d, 17.b, 17.c
Spondyloarthropathy and spinal disc herniation	Asst. Prof. Sinan YILAR	1	1	80, 233	A.1, B.14, D.4, E.59	2.c, 8.a, 13.a, 13.b, 13.c, 17.b
Torticollis	Asst. Prof. Sinan YILAR	1	2,4	89	A.1, B.14, D.4	8.a
Plaster, Splint and Traction	Prof. Ömer Selim YILDIRIM	2	4,6	60, 89, 94	B.14, D.4, E.30	2.f, 10.a, 13.a, 13.b, 13.c, 17.b, 17.c
Joint Dislocations and Treatment	Asst. Prof. Muhammed Çağatay ENGIN	2	3,4,6	60	A.1, B.14, D.4, E.9	2.c, 2.f, 13.a, 13.b, 13.c, 17.b, 17.c
Talipes Equinovarus and other congenital foot deformities	Assoc. Prof. Ali AYDIN	2	4	89	A.1, B.14, D.4, E.9	8.a
Osteomyelitis and Septic Arthritis	Prof. Orhan KARSAN	1	3,4	238	A.1, B.14, D.4, E.68, E.44	13.b, 13.c, 13.d
Traumatic Shock	Asst. Prof. Muhammed Çağatay ENGIN	1	5	297	A.1, E.6, E.65, E.5, E, 30	10.a, 13.b, 13.c
Spine Injuries	Asst. Prof. Sinan YILAR	1	1,6	80	E.30, E.59	13.b, 13.c, 17.b, 17.c
First aid in musculoskeletal injuries, ambulation of the patient	Prof. Orhan KARSAN	2	4,6	58, 60, 94	E.30, E.59, E.65	13.a, 13.b, 13.c, 17.b, 17.c
Injuries of the extremities (upper and lower extremities)	Prof. Ömer Selim YILDIRIM	1	3,4,6	58, 60, 94	A.1, B.14, E.7, E.30	2.f, 6.a, 13.a, 13.b, 13.c, 17.b
Gas gangrene	Prof. Naci EZIRMIK	1	6	114	A.1, B.14, C.9, E.5, E.29, E.44	10.a, 13.b, 13.c, 13.d
Compartment syndrome	Prof. Naci EZIRMIK	1	6	190	A.1, B.1, B.14, E.7	2.f, 13.b, 13.c, 17.b
Malign Bone Cancers	Asst. Prof. Kutsi TUNCER	2	3	180	A.1, C.3, D.4	10.a
Developmental Dysplasia of The Hip	Asst. Prof. Mehmet KÖSE	2	3,4	117	A.1, B.2, D.4, D.18	8.a, 10.a
Scoliosis and kyphosis	Asst. Prof. Sinan YILAR	2	1,2,7	233	A.1, B.14, D.4	8.a, 10.a
Tracking of the Plaster Limb	Prof. Naci EZIRMIK	1	7	190	B.14, E.7, D.4	8.a, 10.a, 13.a, 13.b,

								13.c, 17.b, 17.c
	Abscess Drainage, Nail Pulling and Minor	Prof. Orhan KARSAN	1		6	114, 238	E.68, E.70	10.a, 13.b, 13.c
	Injuries of the extremities (hip and pelvis)	Assoc. Prof. Ali AYDIN	1		3,4,6	60, 94	A.1, B.1, B.14, D.4, E.30	2.f, 6.a, 13.a, 13.b, 13.c, 17.b
	Benign Bone Tumors	Asst. Prof. Kutsi TUNCER	2		6	180	A.1, C.3, D.4	10.a
	Joint and Cartilage Dysplasias	Prof. Ömer Selim YILDIRIM	2		6	89	B.2, B.14, D.4	8.a, 10.a

6. LEARNING METHODS OF ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. "STUDENT TRAINEE REPORT" FOR ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV ORTHOPEDICS AND
TRAUMATOLOGY CLERKSHIP STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
Hasta Dosya numarası:			
A. Taking Anamnesis			
Get information from the patient	4	1	
B. Physical Examination (General and Problem-Oriented)			
Examination of the limbs, pelvis and spine	3	5	
C. Registration, Reporting and Notification			
Prescription	4	1	
Preparing a patient file	4	1	
D. Laboratory Tests and Other Related Processes			
Ability to take the laboratory sample and send it to the laboratory under suitable conditions	4	3	
Ability to fill the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic examinations	3	3	
E. Interventional and Non-Interventional Applications			
Ability to apply plaster, splint and bandage	3	3	
Open wound debridement and suturing	3	1	
Abscess drainage and / or infected wound care	4	1	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			

**Teaching Staff
Date and Sign**

**Head of Department
Date and Sign**

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 100 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V UROLOGY CLERKSHIP GUIDE

Code	TPT-510
Period	3 weeks

Type	Compulsory/Elective
ECTS	5

UROLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Campbelle&Walsh Urology
2.	BASIC UROLOGY
3.	European Association of Urology Guidelines

UROLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. UROLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE UROLOGY CLERKSHIP PROGRAM

1.	To evaluate the etiopathogenesis and clinical findings of surgical diseases related to the genitourinary system encountered in adult and pediatric patients; to gain the skills to diagnose, treat and refer to genitourinary system diseases at primary level
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2. UROLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	3	3		3	1	2	4	1	5	3	4	2		2		1			3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	2	4	3	1	1		5	4	5	3	4	2								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE UROLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Urology clerkship period

Urology CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Anüri-Oligüri	10	Impotans	18	Poliüri
2.	Fire	11	Infertilite	19	Pollaküri / Noktüri
3.	Nausea-vomiting	12	Undescended testicle	20	Puberty disorders (early - late)
4.	Sexual Disfonksion	13	Mass in the groin / scrotum	21	Urethral discharge
5.	Dizüri	14	Undescended testicle(renal, bilier, intestinal)	22	Üriner inkontinans
6.	Enürezis	15	Suspicious genitalia	23	Healthy sex life
7.	Change of color change in urine	16	Pelvic pain/ Pelvic mass	24	Reproductive health and rights
8.	Hematüri	17	Polidipsi	25	Scrotal pain
9.	Urinary retention			26	Flank pain

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Urology clerkship period.

UROLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Genito-urinary trauma 2. Testicular torsion 3. Acute kidney injury 4. Acute glomerulonephritis 5. Obstructive uropathy 6. Chronic kidney damage 7. Urinary system stone disease
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	8. Benign prostatic hyperplasia 9. Genito-urinary trauma 10. Gas gangrene 11. Cystic diseases of kidney 12. Kidney anomalies 13. Kidney tumors 14. Sexual dysfunctions 15. Export disorders (Enuresis, encopresis) 16. Pheochromocytoma 17. varicocele 18. Testicular tumor 19. Prostate cancer 20. Bladder cancer
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	21. hydrocele 22. Congenital structural anomalies 23. Hypospadias, epispadias 24. cryptorchidism 25. Urinary system stone disease 26. Acute kidney failure 27. Chronic kidney failure 28. Acute glomerulonephritis 29. Phimosis and parafimosis 30. Genital infections 31. Urinary system infections
In the clinical problems mentioned in the column	32. Sexually transmitted infections

next to; Be able to Diagnose and Treat (DT)	33. Tuberculosis 34. Urinary system infections 35. Genital infections
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	36. Tuberculosis 37. Chronic kidney failure 38. Acute kidney failure 39. Sexually transmitted infections 40. Congenital structural anomalies 41. Bladder cancer 42. Prostate cancer 43. Urinary system stone disease

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Urology clerkship period.

UROLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	-----
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	1. Ability to puncture suprapubic bladder
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	2. Urological examination 3. General situation and evaluation of vital signs 4. Digital rectal examination 5. Gynecological examination 6. Ability to insert urine catheter 7. Forensic case examination 8. Child and newborn examination 9. To be able to read and evaluate direct radiographs
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	10. Ability to take general and problematic stories 11. To be able to evaluate mental state 12. Lighting and obtaining consent 13. To prepare epicrisis 14. To prepare patient file 15. Prescribing a recipe 16. Rational drug use 17. To be able to prepare refusal of treatment document 18. Ability to fill the request form for laboratory examination 19. To be able to take the laboratory sample under appropriate conditions and deliver it to the laboratory. 20. Hand washing 21. To be able to request rational laboratory and imaging examination

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Urology clerkship period

UROLOGY INTERNSHIP - BEHAVIORAL, SOCIAL AND HUMANITIES	
2.	Addiction
	b.Cigarette
29.	Technology and health interaction
	d. Current diagnostic-treatment tools
34.	Reproductive health / Sexual health
	a. Healthy sex life and counseling
	e. Sexually transmitted diseases and prevention ways

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Urology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE UROLOGY CLERKSHIP
<ol style="list-style-type: none"> Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. Rights-based health approach Communication skills, communication in difficult situations, interpersonal relations and teamwork History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. Patient rights, physician responsibility, patient-physician relationship. Problems and dilemmas for professionalism / ethics in health processes. Legal problems in health processes. Research and publication ethics. Determinants of health, inequality in health, social gender and health. Health systems, health policies. Health economics and management. Reflective thinking and practice, continuous individual and professional development, education and consultancy. Work culture in coordination with other members of the team and disciplines Being able to share their knowledge and professional experience with other members of the team,

4. UROLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

TERM V UROLOGY INTERNSHIP WEEKLY TRAINING PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Urinary System Imaging Methods	13. ³⁰ - 14. ³⁰	Asst. Prof. Fatih ÖZKAYA
	Specific Infections of the Urinary System-I	14. ³⁰ - 15. ³⁰	Asst. Prof. Fatih ÖZKAYA
Tuesday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Specific Infections of the Urinary System-1	13. ³⁰ - 14. ³⁰	Assoc. Prof. Şenol ADANUR
	Urogenital System Tumors-I	14. ³⁰ - 15. ³⁰	Assoc. Prof. Şenol ADANUR
Wednesday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Overactive Bladder	13. ³⁰ - 14. ³⁰	Proff. Yılmaz AKSOY
	Urinary Tract Trauma-II	13. ³⁰ - 14. ³⁰	Assoc. Prof. Şenol ADANUR
Thursday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Urogenital System Tumors-II	13. ³⁰ - 14. ³⁰	Proff. Turgut YAPANOĞLU
	Benign Prostatic Hyperplasia (BPH)	14. ³⁰ - 15. ³⁰	Proff. Özkan POLAT
Friday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Council+ Case-Based Learning (CBL) Session 1	09. ³⁰ - 10. ³⁰	
	Urogenital System Tumors-III	13. ³⁰ - 14. ³⁰	Assoc. Prof. Şenol ADANUR
	Intrascrotal Masses	14. ³⁰ - 15. ³⁰	Proff. Özkan POLAT
II. Week			
Monday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Male infertility	13. ³⁰ - 14. ³⁰	Proff. İsa ÖZBEY

Tuesday	Male sexual dysfunction	14. ³⁰ - 15. ³⁰	Proff. Isa ÖZBEY
	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Female Sexual Function and Dysfunction	13. ³⁰ - 14. ³⁰	Proff. Isa ÖZBEY
	Specific Infections of the Urinary System-2	14. ³⁰ - 15. ³⁰	Proff. Isa ÖZBEY
Wednesday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Undescended Testis	13. ³⁰ - 14. ³⁰	Proff. Yılmaz AKSOY
	Konjental Urinary Obstruction	14. ³⁰ - 15. ³⁰	Proff. Yılmaz AKSOY
Thursday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Vesico Ureteral Reflux	13. ³⁰ - 14. ³⁰	Proff. Yılmaz AKSOY
	Obstructive uropathy	14. ³⁰ - 15. ³⁰	Proff. Turgut YAPANOĞLU
Friday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Council+ Case-Based Learning (CBL) Session 2	09. ³⁰ - 10. ³⁰	
	Urological emergency	13. ³⁰ - 14. ³⁰	Asst. Prof. Fatih ÖZKAYA
	Urogenital System Tumors-IV	14. ³⁰ - 15. ³⁰	Proff. Turgut YAPANOĞLU
III. Week			
Monday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Urogenital System Tumors-V	13. ³⁰ - 14. ³⁰	Proff. Turgut YAPANOĞLU
	Urolithiasis-I	14. ³⁰ - 15. ³⁰	Asst. Prof. Fatih ÖZKAYA
Tuesday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Urolithiasis-II	13. ³⁰ - 14. ³⁰	Asst. Prof. Fatih ÖZKAYA
	ESWL in the Treatment of Urolithiasis	14. ³⁰ - 15. ³⁰	Asst. Prof. Fatih ÖZKAYA
Wednesday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Endourologic Interventions of Urinary Tract Stone Disease	13. ³⁰ - 14. ³⁰	Assoc. Prof. Şenol ADANUR
	Urinary system trauma-I	14. ³⁰ - 15. ³⁰	Assoc. Prof. Şenol ADANUR
Thursday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Practice Exam (Oral)	10. ⁰⁰ - 12. ⁰⁰	
Friday	Visit	08. ⁴⁵ - 09. ³⁰	Together
	Council	09. ³⁰ - 10. ⁰⁰	
	Theoretical Examination (Written)	10. ³⁰ - 11. ³⁰	Theoretical Examination (Written)

5. MATCHING UROLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

TERM V UROLOGY INTERNSHIP COURSES PAIRING WITH LEARNING OBJECTIVES							
Lesson code	The subject of the lecture	Faculty members	Theoretical Clock	Practical Clock	With symptoms / conditionr	Clinical problem	Basic medical practices
ÜRO001	Urinary System Imaging Methods	Doç.Dr.Fatih ÖZKAYA	1	2			11
ÜRO002	Urinary System Infections 2	Doç.Dr.Şenol ADANUR	1	1	2, 5, 8, 16	31, 34, 37	1, 2, 10, 21, 22
ÜRO003	Urinary System Infections -I	Dr.Öğrt.Üyesi. Fatih ÖZKAYA	1	1	2, 5, 8, 16	33	1, 2, 10, 21, 22
ÜRO004	Urogenital System Tumors- I	Doç.Dr.Şenol ADANUR	1	1	8, 14	11, 13	1, 2, 10, 11, 15, 16, 17, 20, 21, 22
ÜRO005	Overactive Bladder	Prof.Dr.Yılmaz AKSOY	2	1	22		1, 2, 10, 12, 13, 19, 21
ÜRO007	Urogenital System Tumors - II	Prof.Dr.Turgut YAPANOĞLU	1	2	8, 14	21	1, 2, 3, 5, 10, 11, 12, 14, 21, 22
ÜRO008	Benign Prostate Hyperplasia (BPH)	Prof.Dr.Özkan POLAT	1	2	1, 5, 8, 9, 16, 19, 22	8	1, 2, 3, 5, 6, 10, 18, 21
ÜRO009	Urogenital System Tumors - III	Prof.Dr.Turgut YAPANOĞLU	1	2	8, 9, 16, 24	20	1, 2, 3, 5, 10, 11, 12, 14, 21, 22
ÜRO010	Intrachrotal Masses	Prof.Dr.Özkan POLAT	1	2	11, 13, 24	19, 22	1, 2, 3, 10, 11, 12, 14, 21, 22
ÜRO011	Male Infertility	Prof.Dr.Isa	1	2	10, 11, 12, 13,	14, 18, 19	1, 2, 3, 10, 11,

		ÖZBEY			23, 24		12, 14, 21, 22
ÜRO012	Male Sexual Dysfunctions	Prof.Dr.Isa ÖZBEY	1	1	4, 10, 11, 23, 24	14, 18, 20, 21	7, 9, 12, 13, 18, 19, 20
ÜRO013	Female Sexual Function and Dysfunction	Prof.Dr.Isa ÖZBEY	1		4, 5, 11, 20, 22, 23, 24	14, 17, 21, 34, 27, 31, 33	7, 9, 10, 12, 13, 18, 19, 20, 21
ÜRO014	Urinary System Infections -III	Prof.Dr.Isa ÖZBEY	1		4, 10, 11, 23, 24	14, 31, 34	7, 9, 12, 13, 18, 19, 20
ÜRO015	Urological Emergencies	Doç.Dr.Fatih ÖZKAYA	1	2	12, 13	23, 25, 30	1, 8
ÜRO016	Congenital Urinary System Obstruction	Prof.Dr.Yılmaz AKSOY	1	1	3, 14	5, 12, 23	8, 10, 11, 17, 21
ÜRO017	Vesico Urethral Reflux	Prof.Dr.Yılmaz AKSOY	1	1	2, 3, 5, 6, 22	4, 6, 15, 33	8, 10, 11, 18
ÜRO018	Obstructive Uropathy	Prof.Dr.Turgut YAPANOĞLU	2	1	3, 14	5, 12, 23	8, 10, 11, 17, 21
ÜRO020	Urinary System Tumors-IV	Prof.Dr.Turgut YAPANOĞLU	1	1	8, 14, 16	13	1, 2, 10, 11, 12, 17, 21,
ÜRO022	Urolithiasis-I	Doç.Dr.Fatih ÖZKAYA	1	1	1, 2, 3, 5, 8, 14	3, 4, 5, 7, 33	1, 2, 10, 11, 17, 18
ÜRO023	ESWL in Urolithiasis Treatment	Doç.Dr.Fatih ÖZKAYA	1	1	1, 2, 3, 5, 8, 14	3, 4, 5, 7, 33	1, 2, 10, 11, 17, 18
ÜRO024	Endourological Interventions in Urinary System Stone Disease	Doç.Dr.Şenol ADANUR	1	1	1, 2, 3, 5, 8, 14	3, 4, 5, 7, 33	1, 2, 10, 11, 17, 18
ÜRO025	Urinary Traumas-I	Doç.Dr.Şenol ADANUR	1	1	8, 9, 14, 16,	1	1, 2, 7, 9, 10, 11, 13, 14,
ÜRO026	Urinary Traumas -II	Doç.Dr.Şenol ADANUR	1		8, 9, 14, 16,	1	1, 2, 7, 9, 10, 11, 13, 14,
	Polyclinic / Operating Room Applications	Faculty Members		22			
	Notification of the aims and objectives of the internship meeting	Head of internship commission	1				
	Post-internship feedback meeting	Head of internship commission	1				

6. LEARNING METHODS OF UROLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF UROLOGY CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. "STUDENT TRAINEE REPORT" FOR UROLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY MEDICAL FACULTY PERIOD V UROLOGY INTERNSHIP STUDENT SCORE			
ADI-SOYADI:		DATE:...../...../.....	
No:			
I-Basic Medicine Practices	Learning Level **	Number	Internship Officer Approval (Date)
A. Taking Story			
To be able to take a history for the general and urogenital system	4	2	
B. General and Problem-Oriented Physical Examination			
Genitourinary system examination	3	3	
Digital rectal examination	3	3	
Abdominal examination	3	3	
C. Record Keeping, Reporting and Notification			
Writing prescriptions	4	5	
Preparing a patient file	4	2	
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	2	
Filling the request form for laboratory examination	4	5	
To be able to interpret the results of screening and diagnostic purposes	3	5	
E. Interventional and Non-Interventional Applications			
Reading and evaluating direct radiographs	3	5	
Urinary catheter insertion	3	2	
Total Basic Medicine Practice score (out of 10 points)			
II-Student's impression- Professionalism appropriate for Medicine (Assessed by Faculty Members) (out of 5 points)			
Compliance with internship rules			
Adaptation to team work			
III- Clinical Problem Solving (out of 5)			
(Given from the performance shown in Case Based Learning sessions)			
Internship Responsible		Head of department	
Doç. Dr. Fatih ÖZKAYA		Prof.Dr. Isa ÖZBEY	
.../.../.....		.../.../.....	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN UROLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN UROLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (20%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (10 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (80 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 25 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V PSYCHIATRY CLERKSHIP GUIDE

Code	TPT-508
Period	3weeks

Type	Compulsory/Elective
ECTS	5

PSYCHIATRY CLERKSHIP-Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES(RESOURCE BOOK -OTHERS)

1.	Comprehensive Textbook of Psychiatry
2.	DSM-5 Diagnostic and Statistical Manual of Mental Disorders (American Psychiatric Association-2013)
3.	Essentials of Clinical Psychiatry

PSYCHIATRY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical-Oral and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. PSYCHIATRY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE PSYCHIATRY CLERKSHIP PROGRAM

2.	To be able to make a preliminary diagnosis by evaluating the etiology, pathophysiological and clinical features, signs and symptoms of mental health and diseases
3.	To be able to perform emergency treatment by defining emergencies for mental health and diseases
4.	To be able to create and apply a treatment plan in necessary clinical situations within the scope of education level criteria
5.	To be able to provide referral when necessary after emergency intervention and treatment
6.	To have basic knowledge about psychopharmacological and psychotherapeutic methods used
7.	To gain the knowledge, skills and professionalism characteristics determined for the internship

2. PSYCHIATRY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	4	4	4	2	3	4	3	4	5	4	5	5	2	4	1	3	3	2	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	5	5	5	5	3	4	5	3	3	3	3								

Contribution levels: - :no contribution 1very low 2 low 3 intermediate 4 high 5 veryhigh

3. LEARNING OBJECTIVES OF THE PSYCHIATRY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Psychiatry clerkship period

PSYCHIATRY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS			
1.	Anxiety	10	Fury and hostility
2.	Cognitive disorders/forgetfulness	11	Learning disorder
3.	Sexual function disorders	12	Sleep and disorders
4.	Mood varities		
5.	Assessment of reality		
6.	Hyperactivity		
7.	Suicide/homicide		
8.	Reasoning and disorders		
9.	Psychiatric seizure		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Psychiatry clerkship period.

PSYCHIATRY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	19.Situations about alcohol and substance use disorder 4.Bipolar disorder 18.Medication side effects 12.Schizophrenia and other psychotic diseases 21.Acute and posttraumatic stress disorder 22.Delirium
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	1.Alcohol and substance use disorder 2.Somatoform disorders (somatization/conversion) 3.Cognitive disorders (dementia) 4.Bipolar disorder 5.Sexual function disorder 6.Sexual identity disorder 7.Dissociative disorder 8.Personality disorder 9.Obsessive-compulsive disorder 10.Panic disorder 11.Schizophrenia and other psychotic disorders 12.Sleep disorders 13.Generalized anxiety disorder 14.Eating disorder 15.Intellectual disabilities 21.Acute and posttraumatic stress disorder 23.Disruptive disorder/impulse control disorder 24.Agoraphobia/spesific phobias
In the clinical problems mentioned in the column next to;	1.Depression 2.Medication side effects

To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	3.Delirium
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	36. Alcohol and substance use disorder 37. Emergencies about alcohol and substance use disorder 38. Cognitive disorders, dementias 39. Bipolar disorder 40. Depression 41. Medication side effects 42. Delirium
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	1.Cognitive disorders, dementia 2.Alzheimer's disease 3.Bipolar disorder 4.Depression 5.Medication side effects 6.Schizophrenia and other psychotic disorders 7.Delirium

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Psychiatry Clerkship period.

PSYCHIATRY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	1.Evaluation of disability
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	2.Intervention to suicide 3.Determining legal capacity
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	4.Taking psychiatric anamnesis 5.Psychiatric examination 6.Mental evaluation 7.Minimental state examination 8.Using evidence based medical interventions during giving clinical decision 9.Stabilizing emergent situations 10.Disability report consultation 11.Preparing medical reports

Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	12. Taking medical history 13. Examination of consciousness 14. Reasonable choice of laboratory and imaging technics 15. Patient transfer 16. Fulfilment of the patient file 17. Writing appropriate prescription 18. Fulfilment of laboratory forms 19. Taking patient consent 20. Treatment refusal 21. Reasonable medication use 22. Preparing patient epicrisis
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D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the Psychiatry Clerkship period

PSYCHIATRY CLERKSHIP–LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	1. Discrimination, bias, stigmatization a. Immigrants b. Sensitive and vulnerable groups (olds, disableds, convicts and detainees) c. Gender
	2. Dependency a. Alcohol b. Nicotine c. Substance d. Behavioral addictions (gambling, shopping, technology, internet) e. Familial and individual burden of dependency
	4. Work and health relation c. Effect of disease on worklife and rehabilitation for getting back to work d. Work stress and psychosocial risks, mobbing, burnout syndrome e. Vulnerable and sensitive groups (children, immigrants, olds, child workers)
	5. Environment and health relation a. Healthy nutrition and food politics j. Social environment and social wellbeing 6. Child neglect and abuse a. Neglect (emotional, physical, medical, educational) f. b. Abuse (physical, emotional, sexual) Child marriages 7. Migration a. War, terror and migration, immigrants
	8. Difficulties on patient-clinician relation a. Treatment maladaptment on preventive and treatment interventions (vaccination denial) b. Wishfull and insistive patient c. Manipulative patient d. Treatment resistant patient e. Simulation (making patient role to have benefit) f. Mourning patient g. Somatization/somatic symptoms associated with psychosocial factors h. Frequent applicant patient i. Difficulties between cultural relationship
	9. Clinicians wellness f. Physical and mental health
	10. Legal and ethical issues e. Informed consent g. Medical records, prescript, ethical issues on writing medical reports i. Compulsory treatment

	11.Human rights and health d.Psychosocial burden caused by violations of rights in social life
	12.Unemployment and poverty c.Individual's psychosocial wellness d.Public and family health
	14.Chronic/non infectious diseases a.Prevention and follow-up of risk factors b.Management c.Multimorbidity d.Burden of caretaking and caregiving e.Situations about chronic diseases and inequalities of public distribution of diseases f.Psychosocial aspects of symptoms of chronic pain, dementia, sleep disorders and depression
	18.Death, neardeath patient and mourning a.Mourning, prolonged mourning process
	20.Psychological and social wellbeing a.Health during different stages of life b.Family health, family support c.Social/public funds, social support d.Culture and health beliefs/attitudes h.Flexibility/durability, embracing uncertainties and dilemmas i.Power and control: patients intervention about him/herself j.Stress and stress management
	23.Critics of health interventions c.Medicalization of daily life e.Body-mind dilemma and reductionist approaches f.Commercializing healthy living habits g.Extreme medical practices h.Wrong practices on traditional and complementary medicine
	25. Healthiness issued a.Nutrition b.Physical, mental activity and exercises c.Sedentary life d.Participating in social life
	27.Stress a.Burden of daily life b.Major life events c.Office stress d.Stress management e.Physical and mental complaints related with stress
	29.Interaction between technology and health f.Technology addiction, technology misuse and abuse
	30.Medical errors and unprofessional attitudes a.Malpractice b.Unprofessional behaviors to the patient and relatives of the patient c.Misuse of the power on health and education e.Communication problems
	31.Professionalism on medicine b.Honesty, telling the truth to the patient and respect for the privacy of the patient c.Vocational values, vocational identity and historical perspective, being open to vocational and vocational progress
	34.Reproductive health/sexual health a.Healthy sexual life and consultancy

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Psychiatry clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE PSYCHIATRY CLERKSHIP

1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Rights-based health approach
3. Communication skills, communication in difficult situations, interpersonal relations and teamwork
4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism / ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.

4. PSYCHIATRY CLERKSHIP - WEEKLY COURSE PROGRAM

Days	COURSE SUBJECT	COURSE TIME	Lecturer
WEEK 1			
Monday	Information about Internship program and professional and ethical issues in clinical practice	08.00-08.30	Dr. Özcan, Okutucu , Ceyhun, Sari, Aydın will take a rotating task
	Assistant Seminar	08.30-09.30	Dr. Özcan, Okutucu , Ceyhun, Sari, Aydın will take a rotating task
	Signs and symptoms in psychiatry	9.30-12.00	Assoc.Proff. Halil Özcan
	Psychiatry interview	13.30-15.00	Assoc.Proff. Halil Özcan
	Schizophrenia	15.00-17.00	Assoc.Proff. Halil Özcan
Tuesday	Major depressive disorder	08.00-10.30	Dr. Hacer Akgul Ceyhun
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Özcan, Okutucu, Ceyhun, Sari, Aydın will take a rotating task
	Other depressive disorders	13.30-15.00	Dr. Hacer Akgul Ceyhun
	Main neurocognitive disorders	15.00-17.00	Dr. Hacer Akgul Ceyhun
Wednesday	Assistant Seminar	08.00-09.30	Dr. Özcan, Okutucu , Ceyhun, Sari, Aydın will take a rotating task
	Bipolar disorder	09.30-12.00	Dr. Serap Sari
	Free/Optional working	13.30-17.00	
Thursday	Student Seminar-A psychotic case presentaiton	08.00-09.30	Assoc.Proff. Halil Özcan
	Other psychotic disorders	09.30-10.30	Assoc.Proff. Halil Özcan
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Özcan, Okutucu, Ceyhun, Sari, Aydın will take the task alternately.
	Forensic psychiatry	13.30-15.00	Assoc.Proff. Halil Özcan
	CBE(Case based evaluation) First session	15.00-17.00	Dr. Özcan, Okutucu, Ceyhun, Sari, Aydın will take a rotating task
Friday	Independent working hours	08.00-09.30	
	Antidepressants	09.30-10.30	Dr. Hacer Akgul Ceyhun
	Clinical practice	10.30-12.00	Dr. Özcan, Okutucu, Ceyhun, Sari, Aydın will take a rotating task
	Antipsychotics	13.30-15.00	Dr. Hacer Akgul Ceyhun
	Clinical practice	15.00-17.00	Dr.Özcan, Aydın, Ceyhun, Okutucu, Sari will take a rotating task
WEEK 2			
Monday	Assistant Seminar	08.00-09.30	Dr. Özcan, Okutucu , Ceyhun, Sari, Aydın will take a rotating task
	Dissociative disorders	10.00-12.00	Dr. Esat Fahri Aydın

Days	COURSE SUBJECT	COURSE TIME	Lecturer
	Somatoform disorders	13.30-15.30	Dr. Esat Fahri Aydın
	Clinical Practice	15.30-17.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
Tuesday	Student seminar-A depression case presentation	08.00-09.30	Dr. Hacer Akgul Ceyhun
	Mood Stabilizers	09.30-10.30	Dr. Hacer Akgul Ceyhun
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task.
	Gender identity and sexual function disorders	13.30-15.00	Assoc.Proff. Halil Özcan
	CBE(Case based evaluation) First session	15.00-17.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
	Assistant seminar	08.00-09.30	Dr. Özcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
Wednesday	Anxiety disorders	09.30-12.00	Dr. Fatma Tuygar Okutucu
	Free/Optional working	13.30-17.00	
Thursday	Trauma and stress related disorders	08.00-10.30	Dr. Fatma Tuygar Okutucu
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Esat Fahri Aydın
	Obsessive compulsive and related disorders	13.30-15.00	Dr. Fatma Tuygar Okutucu
	Emergency situations in psychiatry	15.00-17.00	Dr. Esat Fahri Aydın
	Assistant seminar	08.00-09.30	Dr. Özcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
Friday	Impulse Control Disorders	09.30-10.30	Dr. Serap Sarı
	Clinical practice	10.30-12.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task.
	Substance related disorders and addiction disorders	13.30-17.00	Dr. Serap Sarı
Week 3			
Monday	Assistant seminar	08.00-09.30	Dr. Ozcan, Okutucu, Ceyhun, Sarı, Aydın will take a rotating task
	Psychotherapies	10.00-12.00	Dr. Esat Fahri Aydın
	Personality and personality disorders	13.30-17.00	Dr. Esat Fahri Aydın
Tuesday	Free working hour	08.00-09.00	
	Eating disorders	09.00-10.30	Dr. Serap Sarı
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
	Sleep disorders	13.30-15.30	Dr. Serap Sarı
	Student seminar- A case presentation with bipolar disorder	15.00-17.00	Dr. Serap Sarı
Wednesday	Assistant seminar	08.00-09.30	Dr. Ozcan, Okutucu, Ceyhun, Sarı, Aydın will take a rotating task
	Other treatments which are used in psychiatric disorders	09.30-11.00	Dr. Fatma Tuygar Okutucu
	Student seminar- A case presentation with anxiety disorder	11.00-12.00	Dr. Fatma Tuygar Okutucu
	Free/Optional working	13.30-17.00	
Thursday	Free working hour	08.00-09.30	
	Inpatient evaluation with whole clinical staff	10.30-12.00	Dr. Ozcan, Okutucu, Ceyhun, Sarı, Aydın will take a rotating task
	CBE(Case based evaluation) Third session	13.30-15.00	Dr. Ozcan, Okutucu , Ceyhun, Sarı, Aydın will take a rotating task
	A brief review before examination	15.00-17.00	Assoc.Proff. Mine Şahingöz
Friday	Oral Examination	09.30-12.00	
	Written Exam	13.30-14.30	Psychiatry department classroom

Days	COURSE SUBJECT	COURSE TIME	Lecturer
	Internship post feedback meeting	15.00-17.00	Dr. Ozcan, Okutucu , Ceyhun, Sari, Aydın will take a rotating task

5. MATCHING PSYCHIATRY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING PSYCHIATRY COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
01	Psychiatric signs and symptoms	Dr. H.Ozcan	2		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22,	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 29, 30, 31, 34
02	Psychiatric examination	Dr. H.Ozcan	2		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 29, 30, 31, 34
03	Schizophrenia	Dr. H.Ozcan	2		2, 5, 7, 8, 10, 12	12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 29, 30, 31
04	Other psychotic disorders	Dr. H.Ozcan	1		2, 5, 7, 8, 10, 12	12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 29, 30, 31
05	Forensic Psychiatry	Dr. H.Ozcan	2		2, 4, 5, 7, 8, 10, 11,	1, 2, 3, 4, 6, 7, 8, 12, 13, 16, 18, 23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	2, 4, 6, 7, 8, 9, 10, 11, 12, 14, 20, 30, 31
06	Issues about gender identity, sexual function disorders	Dr. H.Ozcan	2		3	5, 6, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	34
07	Major Depressive Disorder	Dr. Hacer Akgul Ceyhun	2		1, 2, 4, 5, 7, 12	3, 4, 5, 8, 13, 17, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 30, 31
08	Other Depressive Disorders	Dr. Hacer Akgul Ceyhun	2		1, 2, 4, 5, 7, 12	3, 4, 5, 8, 13, 17, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 30, 31
09	Bipolar Disorder	Dr. Serap Sari	3		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	4, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 18, 20, 23, 25, 27, 30, 31
10	Anxiety Disorders	Dr. Fatma Tuygar Okutucu	3		1, 3, 4, 6, 10, 12	9, 10, 11, 14, 23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	5, 8, 23, 25, 27
11	Obsessive Compulsive and Related Disorders	Dr. Fatma Tuygar Okutucu	2		1, 3, 4, 10, 12	9, 10, 11, 14	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	5, 8, 20, 23, 25, 27, 29, 30, 31

12	Somatoform Disorders	Dr. Esat Fahri Aydin	2		1, 3, 4, 9, 10, 12	2, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	5, 7, 12, 14, 20, 23, 25, 27, 30, 31
13	Dissociative Disorders	Dr. Esat Fahri Aydin	1		1, 3, 4, 9, 10, 12	7, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	27
14	Sleep Disorders	Dr. Serap Sari	1		1, 4, 12	13	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	2715
15	Basic Cognitive Disorders	Dr. Hacer Akgul Ceyhun	2		2, 8, 10, 11, 12	3, 20, 22	1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	8, 11, 12, 14, 20, 2516
16	Eating Disorders	Dr. Serap Sari	1		1, 4, 5	15	3, 4, 5, 7, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	25
17	Substance Related Disorders and Substance Dependency	Dr. Serap Sari	3		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1, 18, 19, 22	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	2, 8, 10, 11, 20, 29
18	Personality and Personality Disorders	Dr. Esat Fahri Aydin	3		1, 2, 4, 7, 9, 10	8	2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 16, 17, 18, 19, 20, 21, 22	1, 5, 8, 20
19	Impulse Control Disorders	Dr. Serap Sari	1		1, 6, 10	1, 9, 15, 21, 23	2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 16, 17, 18, 19, 20, 21, 22	29
20	Psychiatric Emergencies	Dr. Fatma Tuygar Okutucu	2		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	4, 12, 18, 19, 22, 23, 24	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	2, 8, 9, 10, 11, 18, 20
21	Entrance to Psychopharmacology	Dr. Hacer Akgul Ceyhun	1		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 3, 4, 5, 6, 8, 9, 12, 14, 16, 17, 18, 19, 20, 21, 22	5, 7, 8, 12, 14, 20, 23, 25, 27, 30, 31
22	Antidepressants	Dr. Hacer Akgul Ceyhun	2		1, 2, 3, 4, 6, 7, 9, 10, 11, 12	9, 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 24	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 21	5, 7, 8, 12, 14, 20, 23, 25, 27, 30, 31
23	Mood Stabilizers	Dr. Hacer Akgul Ceyhun	1		1, 4, 6, 8, 10, 12	4, 18	1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 16, 17, 18, 19, 20, 21, 22	5, 7, 8, 12, 14, 20, 23, 25, 27, 30, 31
24	Antipsychotics	Dr. Hacer Akgul Ceyhun	2		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	12, 18	4, 5, 6, 8, 9, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22	5, 7, 8, 12, 14, 20, 23, 25, 27, 30, 31
25	Other Medications used in Psychiatric Disorders	Dr. Fatma Tuygar Okutucu	3		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	4, 5, 6, 8, 9, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22	5, 7, 8, 12, 14, 20, 23, 25, 27, 30, 31
26	Trauma and Stress Related Disorders	Dr. Fatma Tuygar Okutucu	2		1, 2, 4, 5, 7, 9, 10, 12	1, 2, 5, 6, 7, 11, 13, 14, 16, 17, 19, 21	4, 5, 6, 8, 9, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22	1, 2, 4, 5, 6, 7, 8, 11, 12, 14, 18, 20, 23, 25, 27, 30, 31

27	Psychotherapies	Dr. Esat Fahri Aydin	2		1, 2, 3, 4, 5, 7, 8, 9, 10, 11	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23	4, 5, 6, 8, 9, 12, 15, 19, 20, 22	1, 2, 4, 5, 6, 7, 8, 11, 12, 14, 18, 20, 23, 25, 27, 30, 31, 34
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6. LEARNING METHODS OF PSYCHIATRY CLERKSHIP PROGRAM

LEARNING METHODS OF PSYCHIATRY CLERKSHIP PROGRAM	
Learning Methods Related with Knowledge:	
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion 	
Learning Methods Related with Medical practices:	
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • Independent learning • Learning based on projects and researches 	
Learning Methods Related with Professionalism	
<ul style="list-style-type: none"> • Interdisciplinary education activities (meetings, panels, group debates) • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET) 	

7. "STUDENT TRAINEE REPORT" FOR PSYCHIATRY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V PSYCHIATRY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number: Date:...../...../.....			
I-Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approval (Date)
A. Taking Anamnesis			
Taking anamnesis according to the patients symptoms	4	1	
B. Physical Examination (General and Problem-Oriented)			
Mental Examination	3	1	
C. Registration, Reporting and Notification			
Writing appropriate prescriptions in case of emergency and mild disease	4	1*	
Writing Prescription	4	1*	
Preparing patient file and presentation of the patient	4	1	
D. Laboratory Tests and Other Related Processes			
Evaluating ability of laboratory findings	4	3	
Choosing the needed brain imaging and electrophysiological techniques	4	3*	
Choosing the appropriate psychological and neuropsychological tests and basically evaluation	3	3	
E. Interventional and Non-Interventional Applications			
Interventions to emergent psychiatric situations	3	1*	
Rational medication use	3	1	
Intervention to suicide	2	1	
Minimental State Examination	3	1	
Diagnosing and planning treatment according to anamnesis and examination	3	1	
I-Total Basic Medicine Practice score (out of 5 point)			
Impression about the student-Features on Professionalism (will be marked by academics)			
II- Impression about the student-Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III-Clinical Problem Solving (out of 5) (Marked given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Head of Department		Date and Sign Date and Sign	

*Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN PSYCHIATRY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN PSYCHIATRY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5%). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 50 multiple choice questions and case-based multiple choice questions (evaluating clinical information and clinical right decision giving performance). • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V NEUROLOGY CLERKSHIP GUIDE

Code	STJ-509
Period	3 weeks

Type	Compulsory
ECTS	5

NEUROLOGY CLERKSHIP - Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Up To Date
2.	<i>Adams and Victor's Principles of Neurology</i> ISBN: 9780071842617

SESSION V NEUROLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the "Ataturk University Faculty of Medicine Trainee Report" which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles".
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. SESSION V NEUROLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE NEUROLOGY CLERKSHIP PROGRAM

9.	To be able to make a preliminary diagnosis by evaluating the central and peripheral nerve anatomy, physiological features, signs and symptoms of related diseases.
10.	Defining emergencies for neurology and making emergency treatment.
11.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria.
12.	To be able to provide referral when necessary after emergency intervention and treatment.
13.	Comprehend the importance of establishing a good patient-physician and physician-physician communication and develop their skills.

14. It can provide the knowledge, skills and professionalism features set for the internship.

2. SESSION V NEUROLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	4	4	3	3	4	3	4	2	4	3	2	2	1	1	2	3	2	2	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	3	3	3	3	2	2	2	3	3	2	1								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE SESSION V NEUROLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Neurology clerkship period

SESSION V NEUROLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
10.	Headache	10	Speech disorders (aphasia, dysphasia, dysarthria, stuttering, etc.)	18	Syncope
11.	Vertigo	11	Chronic pain	19	Recurrent falls
12.	Consciousness changes	12	Having a seizure	20	Tremor
13.	Cognitive disorders / forgetfulness	13	Neuropathic pain	21	Urinary incontinence
14.	Double vision	14	Paresthesia		
15.	Problems with balance / movement	15	Paresis, paralysis		
16.	Visual impairment / loss	16	Ptosis		
17.	Movement disorders	17	Pupil changes		
9.	Muscle weakness				

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Neurology clerkship period.

SESSION V NEUROLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	4) Epilepsy (6) Facial paralysis (7) Transient ischemic attack (10) Stroke (11) Intracranial hemorrhages (12) Intracranial pressure increase syndrome (KIBAS; acute cerebrovascular events) (14) Coma (15) Migraine (17) Myasthenia gravis and cholinergic crisis

<p>In the clinical problems mentioned in the column next to;</p> <p>Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert</p>	<p>(1) Alzheimer's disease (2) Ataxic disorders (3) Cognitive (cognitive) disorders (Dementia) (4) Epilepsy (5) Essential tremor (9) Guillain - Barré syndrome (13) Muscular diseases (myopathies) (16) Multiple sclerosis (18) Optical neuritis (19) Parkinson's disease (20) Peripheral neuropathy (21) Polymyositis and dermatomyositis (22) Poliomyelitis</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures</p>	<p>(6) Facial paralysis (15) Migraine</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Be able to Diagnose and Treat (DT)</p>	<p>(8) Tension-type headache</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)</p>	<p>(1) Alzheimer's disease (3) Cognitive (cognitive) disorders (Dementia) (4) Epilepsy (10) Stroke (15) Migraine (22) Poliomyelitis</p>
<p>In the clinical problems mentioned in the column next to;</p> <p>be able to follow up (F) in necessary cases</p>	<p>(1) Alzheimer's disease (3) Cognitive (cognitive) disorders (Dementia) (4) Epilepsy (10) Stroke (15) Migraine</p>

C. In terms of skill: It is expected to gain the ability to practice at the level determined in "Basic Medicine Practices" listed below during the Neurology clerkship period.

SESSION V NEUROLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS

Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	(14) Ability to perform lumbar puncture
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	---
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	(2) To evaluate the mental situation (5) Neurological examination (11) To be able to interpret the results of screening and diagnostic purposes (15) Minimental status examination
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	(1) To be able to take general and problematic stories (3) Consciousness assessment (4) Evaluation of general condition and vital signs (6) Illumination and consent (7) To prepare patient file (8) Editing a recipe (9) To fill the request form for laboratory examination (10) To be able to take the laboratory sample under appropriate conditions and to deliver it to the laboratory. (12) Evaluation of Glasgow / AVPU coma scale (13) To be able to refer patients appropriately

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Neurology clerkship period

SESSION V NEUROLOGY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	Work and health interaction
	(1) The effect of the disease on work and return to work after the disease (rehabilitation)
	Chronic / Noncommunicable Diseases
	(2) Monitoring and prevention of risk factors (3) Management

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Internal Medicine clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE INTERNAL MEDICINE CLERKSHIP
1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Rights-based health approach
3. Communication skills, communication in difficult situations, interpersonal relations and teamwork
4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism / ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines
15. Being able to share their knowledge and professional experience with other members of the team,

4. SESSION V NEUROLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V NEUROLOGY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Patient Visiting	08:00-10:00	
	Information about Internship and Ethical and Professional Values in Clinical Practice	10:00-11:00	Asst. Prof. Fatma ŞİMŞEK
	Neurological Examination-1	11:10-12:00	Asst. Prof. Fatma ŞİMŞEK
	Neurological Examination-2	13:30-15:30	Asst. Prof. Fatma ŞİMŞEK
	Independent Working Hour	16:00-17:00	
Tuesday	Seminar presentation	08:00-10:00	
	Cerebrovascular Diseases -1	10:00-12:00	Asst. Prof. Alper EREN
	Cerebrovascular Diseases -2	13:30-15:30	Asst. Prof. Alper EREN
	Case-Based Learning (CBL) Session 1	16:00-17:00	Asst. Prof. Alper EREN

			Asst. Prof. Mehmet Nuri KOÇAK Assoc. Prof. Mustafa CEYLAN
Wednesday	Patente Visiting	08:00-10:00	Asst. Prof. Alper EREN
	Cerebrovascular Diseases -3	10:00-12:00	Asst. Prof. Alper EREN
	Elective / Freelance Work	13:30-17:00	
Thursday	Case Presentation	08:00-10:00	
	Cranial Nerves	10:00-12:00	Asst. Prof. Mehmet Nuri KOÇAK
	Speech Disorders	13:30-15:30	Asst. Prof. Alper EREN
	Case-Based Learning (CBL) Session 2	16:00-17:00	Asst. Prof. Alper EREN Asst. Prof. Recep Yevgi Assoc. Prof. Mustafa CEYLAN
Friday	Patient Visiting	08:00-10:00	
	Epilepsy -1	10:00-12:00	Asst. Prof. Fatma ŞİMŞEK
	Epilepsy -2	13:30-15:30	Asst. Prof. Fatma ŞİMŞEK
	Case-Based Learning (CBL) Session 3	16:00-17:00	Asst. Prof. Üyesi Alper EREN Asst. Prof. Üyesi Recep Yevgi Assoc. Prof. Mustafa CEYLAN
	II. Week		
Monday	Patient Visit	08:00-10:00	
	Movement Disorders -1	10:00-12:00	Assoc. Prof. Mustafa CEYLAN
	Movement Disorders -2	13:30-15:30	Assoc. Prof. Mustafa CEYLAN
	Case-Based Learning (CBL) Session 1	16:00-17:00	Asst. Prof. Fatma ŞİMŞEK Asst. Prof. Nuray BILGE Asst. Prof. Mehmet Nuri KOÇAK
Tuesday	Seminar Presentation	08:00-10:00	
	Consciousness Disorders	10:00-12:00	Asst. Prof. Mehmet Nuri KOÇAK
	Brain Death and Ethical Approach	13:30-15:30	Asst. Prof. Mehmet Nuri KOÇAK
	Case-Based Learning (CBL) Session 2	16:00-17:00	Asst. Prof. Fatma ŞİMŞEK Asst. Prof. Nuray BILGE Asst. Prof. Mehmet Nuri KOÇAK
Wednesday	Patient Visit	08:00-10:00	
	Demyelinating Diseases and Multiple Sclerosis-1	10:00-12:00	Asst. Prof. Nuray BILGE
	Elective / Freelance Work	13:30-17:00	
Thursday	Case Presentation	08:00-10:00	
	Headaches-1	10:00-12:00	Asst. Prof. Mehmet Nuri KOÇAK
	Demyelinating Diseases and Multiple Sclerosis-2	13:30-15:30	Asst. Prof. Nuray BILGE
	Case-Based Learning (CBL) Session 3	16:00-17:00	Asst. Prof. Fatma ŞİMŞEK Asst. Prof. Nuray BILGE Asst. Prof. Mehmet Nuri KOÇAK
Friday	Patient Visit	08:00-10:00	
	Muscle Diseases	10:00-12:00	Asst. Prof. Recep YEVGI
	Neuromuscular Junction Disorders	13:30-15:30	Asst. Prof. Recep YEVGI
	Independent Working Hour	16:00-17:00	Assosiate Prof. Mustafa CEYLAN
	III. Week		
Monday	Patient Visit	08:00-10:00	
	Cognitive Disorders	10:00-12:00	Assoc. Prof. Mustafa CEYLAN
	Behavioral Disorders-Delirium	13:30-15:30	Assoc. Prof. Mustafa CEYLAN
	Independent Working Hour	16:00-17:00	-
Tuesday	Seminar Presentation	08:00-10:00	
	Medulla Spinalis Diseases -1	10:00-12:00	Asst. Prof. Nuray BILGE
	Medulla Spinalis Diseases -2	13:30-15:30	Asst. Prof. Nuray BILGE
	Free working	16:00-17:00	-
Wednesday	Patient Visit	08:00-10:00	
	Polyneuropathies -1	10:00-12:00	Asst. Prof. Recep YEVGI
	Elective / Freelance Work	13:30-17:00	-
Thursday	Practice Examination	08:00-17:00	Practical Exam with Patient
Friday	Oral examination	08:00-12:00	
	Theoretical examination	13:00-17:00	Oral and Theoretical examination

5. MATCHING NEUROLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING SESSION V NEUROLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
NEU001	Neurological Examination	Asst. Prof. Fatma ŞİMŞEK	6	3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 15	---
NöRO002	Cerebrovascular Diseases	Asst. Prof. Alper EREN	6	3	1, 2, 3, 4, 5, 6, 7, 9, 10, 12, 14, 15, 16, 17, 18, 21	7, 10, 11, 12, 14	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1, 2, 3
NöRO003	Consciousness Disorders	Asst. Prof. Mehmet Nuri KOÇAK	2	1	1, 2, 3, 4, 10, 12, 17, 18	10, 11, 12, 14	1, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14	1
NöRO004	Cranial Nerves	Asst. Prof. Mehmet Nuri KOÇAK	2	2	1, 2, 3, 4, 5, 7, 10, 11, 13, 16, 17	6, 9, 10, 11, 12, 12, 14, 16, 18	1, 3, 4, 5, 7, 9, 10, 11, 13	---
NöRO005	Movement Disorders	Asst. Prof. Mustafa CEYLAN	6	2	6, 8, 19, 20	2, 5, 19	1, 3, 3, 4, 5, 6, 7, 9, 10, 11, 13	1, 2, 3
NöRO006	Epilepsy	Asst. Prof. Fatma ŞİMŞEK	4	3	3, 12, 18	3, 21	1, 3, 4, 5, 7, 9, 10, 11, 13	2, 3
NöRO007	Speech Disorders	Asst. Prof. Alper EREN	4	3	3, 4, 10,	2, 7, 10, 11, 14, 15, 16	1, 3, 4, 5, 9, 10, 11, 13	1
Nöro-008	Brain Death and Ethical Approach	Asst. Prof. Mehmet Nuri KOÇAK	2	1	3, 17	10, 11, 12, 14,	1, 4, 5, 7, 9, 10, 11, 12, 13	---
Nöro-009	Headaches	Asst. Prof. Mehmet Nuri KOÇAK	4	2	2, 3, 5, 6, 10, 13, 16, 17,	8, 10, 11, 12, 15,	1, 3, 4, 5, 7, 8, 9, 10, 11, 13	3
Nöro-010	Muscle Diseases	Asst. Prof. Recep YEVGİ	4	2	9, 16	13, 17	1, 4, 5, 7, 9, 10, 11, 13	1, 2, 3
Nöro-011	Neuromuscular Junction Disorders	Asst. Prof. Recep YEVGİ	4	2	5, 9, 16	17	1, 4, 5, 7, 9, 10, 11, 13	1, 2, 3
Nöro-012	Demyelinating Diseases	Asst. Prof. Nuray BILGE	6	3	2, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 21	16, 18	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14	1, 2
Nöro-013	Cognitive Disorders	Asst. Prof. Mustafa CEYLAN	2	2	3, 4, 10	1, 3	1, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15	1, 2
Nöro-014	Behavioral Disorders-Delirium	Asst. Prof. Mustafa CEYLAN	2	2	3, 4, 10	1, 3	1, 2, 3, 4, 5, 7, 9, 10, 11, 13, 15	1, 2
Nöro-015	Medulla Spinalis Diseases	Asst. Prof. Nuray BILGE	4	3	6, 13, 14, 15, 19	16	1, 4, 5, 9, 10, 11, 13	1
Nöro-016	Polyneuropathies	Asst. Prof. Recep YEVGİ	2	2	6, 9, 11, 13, 14, 15, 19	9, 20	1, 4, 5, 7, 9, 10, 11, 13	1

6. LEARNING METHODS OF SESSION V NEUROLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF NEUROLOGY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none">• Structured learning activities in clinical skill laboratories and simulated patient centers• Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences• On-the-job learning and assessment• Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none">• Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures• Interdisciplinary learning activities (meetings, panels, group discussions)• Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.)• Case-based evaluation• Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none">• Critical situation discussions• Reflection sessions• Written visual texts readings and interpretations• Student development file (portfolio) application• On-the-job learning and assessment (MiniPET)

7. “STUDENT TRAINEE REPORT” FOR SESSION V NEUROLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE- SESSION V NEUROLOGY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take general and problematic stories	4	2*	
To evaluate the mental situation	4	2*	
B. Physical Examination (General and Problem-Oriented)			
Evaluation of general condition and vital signs	4	3*	
Neurological examination	3	3*	
Consciousness Evaluation	4	2*	
C. Registration, Reporting and Notification			
Preparing a patient file	4	2*	
Ability to edit a recipe	4	2*	
Lighting and consent	4	2*	
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	2*	
Filling the request form for laboratory examination	4	2*	
To be able to interpret the results of screening and diagnostic purposes	3	2*	
E. Interventional and Non-Interventional Applications			
Lumbar puncture	1	2	
Evaluation of Glasgow / AVPU coma scale	4	3*	
Minimental status examination	3	2*	
Ability to refer the patient appropriately	4	1*	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN SESSION V NEUROLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN SESSION V NEUROLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (%).5 ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (% 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 50 (written and / or multiple choice) questions. • Written and / or multiple choice questions evaluating clinical information and written and / or multiple choice questions depending on the case evaluating clinical decision making • Not scoring less than 60 points out of 100 in the theoretical (written and / or multiple choice) exam, is considered unsuccessful. • The evaluation that fails the theoretical (written and / or multiple choice) exam takes the make-up exam of the internship.
SUCCESS GRADE
<ul style="list-style-type: none"> • Internship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical (written and / or multiple choice) exam.
MAKE-UP EXAM
<p>If the student who does not take the practical-verbal or theoretical (multiple choice) exam or fails, does not take the make-up exams or fails the make-up exam, he / she is considered unsuccessful from that internship and repeats that internship.</p>

SESSION V NEUROSURGERY CLERKSHIP GUIDE

Code	STJ-501
Period	2 weeks

Type	Compulsory
ECTS	4

NEUROSURGERY CLERKSHIP-Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK-OTHERS)

1.	Temel Nöroşirurji /Türk Nöroşirurji Derneği Yayınları
2.	Temel Nöroşirurji /Kemal Benli
3.	Nöroşirurji El Kitabı/Mark S. Greenberg
4.	Resimli Nöroloji ve Nöroşirurji/Mustafa Bozbuğa
5.	Youmans Neurological Surgery/Richard Winn

NEUROSURGERY CLERKSHIP-RULES FOR STUDENTS

1	Clerkship training starts at 08.00 a.m and ends at 5 p.m.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms/ conditions, core diseases/clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University School of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; students are required to take at least 60 point from each Practical and Theoretical exams, in Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University School of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. NEUROSURGERY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE NEUROSURGERY CLERKSHIP PROGRAM

1.	To be able to make a preliminary diagnosis by evaluating the central and peripheral nervous system and spine anatomy, physiological features, signs and symptoms of the diseases affecting them.
2.	To be able to perform emergency treatment by defining the emergencies for the nervous system and spine
3.	To be able to design and perform a treatment plan in necessary clinical situations within the scope of education level criteria
4.	To be able to provide referral when necessary after emergency intervention and treatment
5.	To demonstrate protective and rehabilitative approaches in cases of brain and spinal cord diseases causing disability
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. NEUROSURGERY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University School of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	4	4	3	3	4	3	4	2	4	3	2	2	1	1	2	3	2	2	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	3	3	3	3	2	2	2	3	3	2	1								

Contribution levels: -:no contribution 1very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE NEUROSURGERY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms/Signs/ Status during the Neurosurgery clerkship period

1.	Headache	9.	Speech disorders (aphasia, dysphasia, dysarthria, etc.)
2.	Vertigo	10.	Seizures
3.	Back and lomber pain	11.	Neuropathic pain
4.	Cervical pain	12.	Parestesia
5.	Consciousness changes	13.	Paresis, Paralysis
6.	Nausea and vomiting	14.	Pitosis
7.	Visual impairment/loss	15.	Pupil changes
8.	Hearing impairment and tinnitus	16.	Balance and movement disorders

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the "Diseases / Clinical Problems" listed below during the Neurosurgery clerkship period.

NEUROSURGERY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Epilepsy 2. Intracranial hemorrhages 3. Increased intracranial pressure (Acute cerebrovascular diseases) 4. Coma 5. Head Trauma 6. Spinal Trauma
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	7. Ataxia disorders 8. Hydrocephalus 9. Intracranial mass 10. Peripheral neuropathy 11. Spinal cord compressions
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	12. Disc Herniations 13. Congenital malformations 14. Epilepsy 15. Neural Tube Defects

In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	16. Disc Herniations 17. Congenital Malformations 18. Epilepsy 19. Neural Tube Defects
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	20. Epilepsy

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Neurosurgery clerkship period.

NEUROSURGERY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and/or relatives (learning level 1).	-----
Skills specified in the adjacent column; in an emergency situation , performs the application in accordance with the guide/instruction (learning level 2).	-----
Skills specified in the adjacent column; performs pre-assessment/evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (learning level 3).	<ol style="list-style-type: none"> 1. Neurologic examination 2. Preparing a forensic report 3. To be able to prepare health reports in accordance with current legislation 4. To be able to evaluate direct radiographs 5. To be able to interpret the results of screening and diagnostic purposes 6. Airway application 7. Evaluation of multiple trauma patients 8. Ability to open vascular access 9. To take measures to stop/limit external bleeding 10. Ability to take biological sample from the patient 11. Ability to put urinary catheter 12. Ability to provide advanced life support 13. Being able to take samples for culture 14. Enema applying 15. To be able to put nasogastric catheter

	16. Ability to care for wound /burns 17. Being able to apply the principles of evidence-based medicine in the clinical decision making process.
Skills specified in the adjacent column; Pre-evaluate the application including complex situations/cases, creates the necessary plans and informs the patients and their relatives and does the application (learning level 4).	18. Taking medical history 19. Evaluation of consciousness 20. Evaluation of the general condition and vital signs 21. Illumination and obtaining consent 22. Being able to prepare epicrisis 23. To be able to prepare patient file 24. To be able to issue a recipe 25. To be able to prepare refusal of treatment 26. To be able to provide decontamination, disinfection, sterilization, antisepsis 27. Filling out the request form for laboratory examination 28. Hand washing 29. To be able to evaluate Glasgow/AVPU coma scale 30. To ensure that the patient is properly transported 31. To be able to give the patient a coma position 32. To be able to refer the patient appropriately 33. IM, IV, SC, ID injection 34. To be able to measure blood pressure 35. To be able to apply cervical collar (neck collar) 36. Ability to provide basic life support 37. Ability to shoot and take superficial sutures

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Neurosurgery clerkship period

NEUROSURGERY CLERKSHIP–LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	13. Accidents b. Traffic accidents
	18. Death, dying individual and mourning c. Telling the bad situation or death of a person
	30. Malpractice and unprofessional behavior a. Malpractice

E. In terms of professionalism: Attitudes listed below are expected to be gained during the period of Neurosurgery clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE NEUROSURGERY CLERKSHIP
1. Totalitarian approach to health (bio-psycho-social and cultural approach), patient-centered approach, community oriented medicine. 2. Rights-based health approach. 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork.

4. History of medicine and thought/values, physician identity and awareness, roles and limits of medicine.
5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
6. Patient rights, physician responsibility, patient-physician relationship.
7. Problems and dilemmas for professionalism/ethics in health processes.
8. Legal problems in health processes.
9. Research and publication ethics.
10. Determinants of health, inequality in health, social gender and health.
11. Health systems, health policies.
12. Health economics and management.
13. Reflective thinking and practice, continuous individual and professional development, education and consultancy.
14. Work culture in coordination with other members of the team and disciplines.
15. Being able to share their knowledge and professional experience with other members of the team.

4. NEUROSURGERY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V NEUROSURGERY CLERKSHIP-WEEKLY COURSE PROGRAM				
Days	Subject of The Lesson	Lesson Time	Teaching Staff	
I. Week				
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.10-09.00	Responsible Trainer of Clerkship	
	Neurologic Examination	09.10-10.00	Teaching Staff in charge	
	Increased Intracranial Pressure, Brain Edema, Herniation Syndromes	10.10-11.00	Proff. Hakan Hadi KADIOĞLU	
	Independent Working Hour	11.10-12.00		
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge	
Tuesday	Clinic Visit	08.10-09.00	Teaching Staff in charge	
	Subarachnoid hemorrhage and Brain Aneurysms	09.10-10.00	Proff. Gökşin ŞENGÜL	
	Free Working Time	10.10-12.00		
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge	
	Clinic Visit	08.10-09.00	Teaching Staff in charge	
Wednesday	Spine and Spinal Cord Injuries	09.10-10.00	Assoc. Prof. Çağatay ÇALIKOĞLU	
	Free Working Time	10.10-11.00		
	Case-Based Learning (CBL) Session 1	11.10-12.00	Teaching Staff in charge	
	Elective / Freelance Work	13.30-17.00		
	Clinic Visit	08.10-09.00	Teaching Staff in charge	
Thursday	Intervertebral Disc Herniations	09.10-10.00	Assoc. Prof. Mürteza ÇAKIR	
	Independent Working Hour	10.10-12.00		
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge	
	Seminar	08.10-09.00		
	Hydrocephalus	09.10-10.00	Asst. Prof. Nuh Çağrı KARAAVCI	
Friday	Independent Working Hour	10.10-12.00		
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge	
	II. Week			
	Clinic Visit	08.10-09.00	Teaching Staff in charge	
	Brain Tumors	09.10-10.00	Asst. Prof. Mehmet Hakan ŞAHİN	
Monday	Free Working Time	10.10-11.00		
	Case-Based Learning (CBL) Session 2	11.10-12.00	Teaching Staff in charge	
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge	

Tuesday	Clinic Visit	08.10-09.00	Teaching Staff in charge
	Head Traumas	09.10-10.00	Asst. Prof. Mehmet Kürşat KARADAĞ
	Independent Working Hour	10.10-12.00	
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge
Wednesday	Clinic Visit	08.10-09.00	Teaching Staff in charge
	Congenital Spinal Malformations	09.10-10.00	Asst. Prof. Mete ZEYNAL
	Free Working Time	10.10-11.00	
	Case-Based Learning (CBL) Session 3	11.10-12.00	Teaching Staff in charge
	Elective / Freelance Work	13.30-17.00	
Thursday	Clinic Visit	08.10-09.00	Teaching Staff in charge
	Peripheral Nerve Injuries	09.10-10.00	Proff. Mehmet Dumlu AYDIN
	Independent Working Hour	10.10-12.00	
	Clinics (Group1) Outpatient Clinic (Group 2) Operating Room (Group3)	13.30-17.00	Teaching Staff in charge
Friday	Seminar	08.10-09.00	
	Practical Exam	09.10-12.00	
	Theoretical Exam	13.30-14.30	
	Post-internship feedback meeting	14.40-17.00	

5. MATCHING NEUROSURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING NEUROSURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptom/ Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
NRS001	Increased intracranial pressure, Brain Edema, Herniation Syndromes	Dr. HH. Kadioğlu	1		1, 2, 4, 6, 8, 10, 11, 14, 15, 16	1, 2, 3, 4, 5, 7, 8, 9, 14, 18, 20	1, 3, 4, 5, 6, 8, 11, 12, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 37	2, 3
NRS002	Subarachnoid Hemorrhage and Brain Aneurysms	Dr. G. Şengül	1		1, 2, 4, 6, 8, 10, 11, 14, 15, 16	1, 2, 3, 5, 7, 14, 18, 20	1, 3, 5, 6, 8, 11, 12, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 37	2, 3
NRS003	Spine and Spinal Cord Injuries	Dr. Ç. Çalikoğlu	1		3, 5, 12, 13, 14	6, 7, 10, 11	1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35, 37	1, 2, 3
NRS004	Disc Herniations	Dr. M. Çakır	1		3, 5, 7, 12, 13, 14	10, 11, 12, 16	1, 2, 4, 11, 16, 17, 18, 20, 21, 22, 23, 24, 25, 27, 28, 33, 37	3
NRS005	Hydrocephalus	Dr. NÇ. Karaavcı	1		1, 2, 4, 6, 7, 8, 10, 11, 16	1, 3, 5, 8, 13, 14, 18, 20	1, 3, 5, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 36	2, 3
NRS006	Brain Tumors	Dr. MH. Şahin	1		1, 2, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16	1, 3, 5, 9, 14, 18, 20	1, 3, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29,	2, 3

							30, 31, 32, 33, 35, 36, 37	
NRS007	Head Traumas	Dr. MK. Karadağ	1		1, 2, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16	1, 2, 3, 4, 5, 7, 9, 14, 18, 20	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37	1, 2, 3
NRS008	Congenital Spinal Malformations	Dr. M. Zeynal	1		7, 12, 13, 14	11, 13, 15, 17, 19	1, 3, 4, 5, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, 36	2, 3
NRS009	Peripheral Nerve Injuries	Dr. MD. Aydın	1		12, 13, 14	10	1, 2, 3, 4, 5, 7, 8, 9, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 28, 33, 34, 37	3

6. LEARNING METHODS OF NEUROSURGERY CLERKSHIP PROGRAM

LEARNING METHODS OF NEUROSURGERY CLERKSHIP PROGRAM

Learning Methods Related with Knowledge:

- Structured learning activities in clinical skill laboratories and simulated patient centers
- Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences
- On-the-job learning and assessment
- Structured case discussion

Learning Methods Related with Medical practices:

- Classroom lecture/presentation: Lecture, tutorial presentation, interactive classroom lectures
- Interdisciplinary learning activities (meetings, panels, group discussions)
- Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.)
- CBL (Case-based learning)
- Independent learning

Learning Methods Related with Professionalism

- Critical situation discussions
- Written visual texts readings and interpretations
- Student development file (portfolio) application
- On-the-job learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR NEUROSURGERY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term V Trainee student are evaluated with the "Atatürk University School of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY SCHOOL OF MEDICINE-SESSION V NEUROSURGERY CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I-Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
To be able to take medical history	4	5*	
B. Physical Examination (General and Problem-Oriented)			
Neurological Examination	3	5*	
Evaluation of Consciousness and Approach to Coma Patient	4	5*	
C. Registration, Reporting and Notification			
Writing prescriptions	4	5*	
Preparing a patient file	4	3*	
D. Laboratory Tests and Other Related Processes			
Taking the laboratory sample under suitable conditions and sending it to the laboratory under suitable conditions	4	5*	
Filling the request form for laboratory examination	4	5*	
To be able to interpret the results of screening and diagnostic purposes	3	5*	
E. Interventional and Non-Interventional Applications			
Wound-burn care	3	1*	
LP	1	1*	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III-Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

*Performing or monitoring on the patient or in the simulation lab with Teaching Staff

****Learning Level****

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and/or relatives.
2	In an emergency, performs the application in accordance with the guide instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment/evaluation, creates the necessary plans, implements and informs patients and relatives/society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN NEUROSURGERY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN NEUROSURGERY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Practical Exam: It is performed by the direct observation and evaluation of practical/ interventional skills. Total contribution to the Practical-Oral Examination (15%)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 20 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision)• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he/she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V OPHTHALMOLOGY GUIDE

Code	TPT-509
Period	2 weeks

Type	Compulsory
ECTS	

OPHTHALMOLOGY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Lecture notes prepared by teaching staffs
2.	
3.	

OPHTHALMOLOGY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the “ Ataturk University Faculty of Medicine Trainee Report ” which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student’s assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in “Atatürk University Faculty of Medicine Teaching and Exam Application Principles”.
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at “ http://anket.atauni.edu.tr ”. The participation link to the survey will be sent to the students by the dean's management.

1. OPHTHALMOLOGY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE OPHTHALMOLOGY CLERKSHIP PROGRAM

7.	To be able to diagnose by evaluating the anatomical and physiological features of the eye, the signs and symptoms of the diseases affecting them
8.	To be able to perform emergency treatment by defining emergency situations for the eye
9.	To be able to create and apply a treatment plan in necessary clinical situations within the scope of education level criteria
10.	To be able to provide referral when necessary after emergency intervention and treatment
11.	To be able to exhibit preventive and rehabilitative approaches in situations that can cause visual impairment
12.	To gain the knowledge, skills and professionalism characteristics determined for the internship

2. OPHTHALMOLOGY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	4	4	5	4	4	4	5	5	3	4	5	4	3	3	3	3	4	4	4	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	5	3	4				4	4	4										

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE OPHTHALMOLOGY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Ophthalmology period

OPHTHALMOLOGY CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS			
9.	Headache	10	
10.	Nausea-vomiting	11	
11.	Diplopia	12	
12.	Defect of vision	13	
13.	Dry eye	14	
14.	Red eye	15	
15.	Corrosive exposure	16	
16.	Ptosis	17	
17.	Pupil changes		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Ophthalmology clerkship period.

OPHTHALMOLOGY CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Allergic reaction 2. Skin injuries 3. Eye trauma(home- work-traffic,fall)
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	4. Allergic reaction 5. Skin tumors 6. Skin and soft tissue infections, abscesses 7. Facial paralysis 8. Glaucoma 9. Cataract 10. Refractive disorders 11. Optic neuritis 12. Tear duct obstruction 13. Strabismus 14. Uveitis 15. Keratitis
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	16. Conjunctivitis 17. Cataract 18. Allergic reaction

In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	19. Conjunctivitis 20. Conjunctivitis in newborns
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	21. Accidents (home-work-traffic, electric shock, fall, asphyxia) 22. Conjunctivitis 23. Conjunctivitis in newborns
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	-----

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Ophthalmology clerkship period.

OPHTHALMOLOGY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	<ol style="list-style-type: none"> 1. General and problematic, taking a story 2. Eye examination 3. Fundus examination 4. To be able to provide health education to the community 5. To be able to fight infectious diseases in the society 6. Reading and evaluating direct radiographs 7. Using microscope

<p>Skills specified in the adjacent column;</p> <p>In an emergency, performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)</p>	<ol style="list-style-type: none"> 1. General and problematic, taking a story 2. Foreign body removal from the eye 3. To be able to evaluate mental state 4. Obtaining consent 5. To be able to distinguish/manage forensic cases 6. Organizing forensic case notification 7. To be able to consult about disability report 8. To be able to prepare a health report according to the current legislation 9. To be able to refer patient appropriately 10. Reporting legally notifiable diseases and conditions 11. Preparing epicrises 12. Preparing patient file 13. To be able to edit prescription 14. Prepare treatment refusal document 15. To apply the principles of working with biological material 16. To be able to provide decontamination, disinfection, sterilization, antiseptis 17. Filling the request form for laboratory examination 18. To be able to take the laboratory sample under appropriate conditions and to deliver it to the laboratory. 19. Hand washing 20. To be able to prepare the drugs to be applied correctly 21. Being able to care for wound - burn 22. Superficial stitching and remove 23. To be able to take measures related to the protection of health workers' health 24. Taking measures to prevent infections in public areas 25. To be able to identify risk groups in the society
<p>Skills specified in the adjacent column;</p> <p>performs pre-assessment / evaluation in uncomplicated, frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)</p>	<p>-----</p>
<p>Skills specified in the adjacent column;</p> <p>Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)</p>	<p>-----</p>

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Ophthalmology clerkship period

OPHTHALMOLOGY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	13.Accidents
	a.Home
	b.Traffic
	c.Work

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Ophthalmology clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE OPHTHALMOLOGY CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,

4. OPHTHALMOLOGY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V OPHTHALMOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM

SESSION V OPHTHALMOLOGY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08:00 - 08.45	Teaching staff in charge
	Service Visit	09.00 - 09.45	Proff. O. BAYKAL
	Anatomy	10.00 - 10:45	Asst. Prof. E.ÇINICI
	Anatomy	11.00 - 11.45	Asst. Prof. E.ÇINICI
	Clinical Practice in Patients	14.00 - 14.45	Asst. Prof. E. ÇINICI
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	15.00 - 17.00	Teaching staffs will work in order
Tuesday	Service Visit	08.00 - 09.45	Asst. Prof. M.YILDIRIM
	Strabismus	10.00 - 10.45	Proff. I. A. SALMAN
	Paralytic Strabismus and Diplopia	11.00 - 11.45	Proff. I. A. SALMAN
	Examination Methods in Ophthalmology	13.00 - 13.45	Asst. Prof. M.YILDIRIM
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14.00 - 17.00	Teaching staffs will work in order
Wednesday	Service Visit	08.00 - 09.45	Proff. O. ATEŞ
	Conjunctivitis, Episcleritis and Scleritis	10.00 - 10.45	Proff. O. ATEŞ
	Corneal Diseases	11.00 - 11.45	Proff. O. ATEŞ
	Elective / Freelance Work	13.00 - 17.00	

Thursday	Service Visit	08.00 - 09.45	Proff. I. KOÇER
	Open Angle Glaucoma and Treatment	10.00 - 10.45	Proff. I. KOÇER
	Acute Glaucoma Crisis and Treatment	11.00 - 11.45	Proff. I. KOÇER
	Case-Based Learning (CBL) Session 1	13.00 - 13.45	Teaching staff in charge
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14:00 - 17:00	Teaching staffs will work in order
Friday	Service Visit	08.00 - 09.45	Proff. I. A. SALMAN
	Retinal Artery and Vein Diseases	10.00 - 10.45	Proff. O. BAYKAL
	Optic Neuritis	11.00 - 11.45	Proff. O. BAYKAL
	Retinal detachment	13.00 - 13.45	Proff. O. ATEŞ
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14.00 - 17.00	Teaching staffs will work in order
II. Week			
Monday	Service Visit	08.00 - 09.45	Asst. Prof. E. ÇINICI
	Uveitis	10.00 - 10.45	Proff. I. KOÇER
	Pediatric Cataracts and Treatment	11.00 - 11.45	Proff. I. KOÇER
	Adult Cataracts and Treatment	13.00 - 13.45	Proff. I. KOÇER
	Case-Based Learning (CBL) Session 2	13.00 - 13:45	Teaching staff in charge
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14:00 - 17:00	Teaching staffs will work in order
Tuesday	Service Visit	08.00 - 09.45	Assoc. Prof. S.KELEŞ
	Refraction Error	10.00 - 10.45	Proff. I. A. SALMAN
	Refraction Error	11.00 - 11.45	Proff. I. A. SALMAN
	Diabetic retinopathy	13.00 - 13.45	Proff. O. BAYKAL
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14.00 - 17.00	Teaching staffs will work in order
Wednesday	Service Visit	08.00 - 09.45	Proff. O. ATEŞ
	Preseptal - Orbital Cellulite	10:00 – 10.45	Assoc. Prof. S. KELEŞ
	Hypertensive retinopathy	11.00 – 11.45	Proff. O. ATEŞ
	Elective / Freelance Work	13.00 - 17.00	
Thursday	Service Visit	08.00 - 09.45	Proff. I.KOÇER
	Mechanical and Chemical Eye Trauma	10.00 - 10.45	Assoc. Prof. S.KELEŞ
	Lacrimal System Diseases	11.00 - 11.45	Assoc. Prof. S.KELEŞ
	Case-Based Learning (CBL) Session 3	13.00 - 13.45	Teaching staff in charge
	Clinic (Group 1) Outpatient Clinic (Group 2) Operating Room (Group 3)	14:00 - 17:00	Teaching staffs will work in order
Friday	Exam Post-Internship Feedback Meeting	09.00	Eye Diseases Meeting Room

5. MATCHING OPHTHALMOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING OPHTHALMOLOGY CLERKSHIP COURSES WITH LEARNING OBJECTIVES							
Code	SUBJECT OF THE LESSON	TEACHING MEMBER	Teoric hour	Pratic Hour	Symptoms/ situations	Clinic problem	Basic medical practices
EYE001	Informing about internship and Ethical and Professional Values in Clinical Practices	Teaching staff in charge	1				1, 3,5,9,14,16
EYE002	Anatomy	Asst. Prof. E.ÇINICI	1				
EYE003	Semiology in eye diseases	Asst. Prof. M.YILDIRIM	1				22,26
EYE004	Bedside applications in the clinic	Asst. Prof. E.ÇINICI		1	6,7,8	2,3,30,27	2,4,7,8,9,11,15,16
EYE005	Refraction defects and treatments	Prof.Dr.I.A.SALM	2		2	10	

		AN					
EYE006	Examination methods in eye diseases	Asst. Prof. M.YILDIRIM		1			2,4,7,8,9,11,15,16
EYE007	Conjonktivitis	Prof.Dr.O.ATEŞ	1		3	13,29	
EYE008	Corneal diseases	Prof.Dr.O.ATEŞ	1		2		
EYE009	Skleritis, episkleritis	Asst. Prof. E.ÇINICI	1		3		
EYE010	Open-angle glaucoma and its treatment	Prof.Dr.I.KOÇER	1		2,3	8	
EYE011	Acute glaucoma crisis and its treatment	Prof.Dr.I.KOÇER	1		2,3,4	8	
EYE012	Optic neuritis	Prof.Dr.O.BAYKAL	1		2,4	11	
EYE013	Retinal artery diseases	Prof.Dr.O.BAYKAL	1		2,4		
EYE014	Retinal vein occlusions	Prof.Dr.O.BAYKAL	1		2,4		
EYE015	Uveitis	Prof.Dr.I.KOÇER	1		2,3,4		
EYE016	Pediatric cataract and its treatments	Prof.Dr.I.KOÇER	1		2,4	9	
EYE017	Adult cataract and its treatments	Prof.Dr.I.KOÇER	1		2,4	9	
EYE018	Strabismus	Prof.Dr.I.A.SALMAN	1		1, 2,5		
EYE019	Paralytic strabismus and diplopia	Prof.Dr.I.A.SALMAN	1		1, 2,5		
EYE020	Diabetic retinopathy	Prof.Dr.O.BAYKAL	1		2,4		
EYE021	Pupilla and its diseases	Asst. Prof. E.ÇINICI	2		2,4		
EYE022	Eye findings in metabolic diseases	Asst. Prof. E.ÇINICI	1		2		
EYE023	Preseptal selülitis	Doç.Dr. S.KELEŞ	1		3	6,7	
EYE024	Lacrimal system diseases	Doç.Dr.S.KELEŞ	1		3		
EYE025	Retinal detachment and its treatment	Prof.Dr.O.ATEŞ	1		2,4		
EYE026	Hypertensive retinopathy	Prof.Dr.O.ATEŞ	1		2,4		
EYE027	Differential diagnosis in the red eye	Prof.Dr.I.KOÇER	2		3	1,29	
EYE028	Eyelid diseases	Doç.Dr.S.KELEŞ	1		2		
EYE029	Orbital selülitis	Doç.Dr.S.KELEŞ	1		1,2,3	6,7	
EYE030	Mechanical and chemical eye trauma	Doç.Dr.S.KELEŞ	1		2,3,4,6,7,8	2,3,16,27	12
EYE031	Drug applications in ophthalmology	Prof.Dr.O.ATEŞ	2				26
EYE032	Service Visit			14			
EYE033	Polyclinic / Operating Room	Anabilim Dalı Öğretim Üyeleri		20			
EYE034	Notification of the aims and objectives of the internship meeting	Staj komisyonu başkanı	1				
EYE035	Post-internship feedback meeting	Staj komisyonu başkanı	1				

6. LEARNING METHODS OF OPHTHALMOLOGY CLERKSHIP PROGRAM

LEARNING METHODS OF OPHTHALMOLOGY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none">• Structured learning activities in clinical skill laboratories and simulated patient centers• Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences• On-the-job learning and assessment• Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none">• Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures• Interdisciplinary learning activities (meetings, panels, group discussions)• Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.)• CBL (Case-based learning)• Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none">• Critical situation discussions• Reflection sessions• Written visual texts readings and interpretations• Student development file (portfolio) application• On-the-job learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR OPHTHALMOLOGY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term V Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

**ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V OPHTHALMOLOGY CLERKSHIP
STUDENT TRAINEE REPORT**

Name:.....Surname:.....

Student Number:

Date:...../...../.....

I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
.....	4	3*	
B. Physical Examination (General and Problem-Oriented)			
	3	3*	
	3	3*	
C. Registration, Reporting and Notification			
	4	3*	
	4	3	
D. Laboratory Tests and Other Related Processes			
	4	3	
	4	3	
	3	3*	
E. Interventional and Non-Interventional Applications			
	3	1*	
	3	1	
	4	2	
	3	1	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			

**Teaching Staff
Date and Sign**

**Head of Department
Date and Sign**

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN OPHTHALMOLOGY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN OPHTHALMOLOGY CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none">• Trainee Report: Total contribution to the Practical-Oral Examination (15%)<ul style="list-style-type: none">➤ Basic Medicine Practices (5 %).➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%).➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5)• Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85 %)• Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful.• Students who fail the practical-oral examination, take the make-up exam.• Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none">• It consists of a total of 40 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision)• Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful.• Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none">• Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none">• If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP GUIDE

Code	STJ551
Period	2 weeks

Type	Elective
ECTS	3

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Lewis's Child and Adolescent Psychiatry
2.	Up To Date

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the " Ataturk University Faculty of Medicine Trainee Report " which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles".
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP PROGRAM

13.	To be able to get a preliminary diagnosis/diagnosis by evaluating the normal development process of child and adolescent mental health (CAMH) and its characteristics in pathological conditions and the signs and symptoms of the diseases that reveal this pathology.
14.	Define Emergency and Forensic situations for CAMH and make emergency treatment and Forensic management
15.	To be able to build and carry out a treatment plan in necessary clinical situations within the scope of education level criteria.
16.	To be able to provide refer a patient when necessary after emergency response and treatment.
17.	To be able to exhibit preventive and rehabilitative approaches in cases where success can be achieved with early diagnosis and intervention.
18.	To gain the knowledge, skills and professional characteristics determined for the internship.

2. CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- LEARNING OUTCOMES

Contribution levels to "Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications"

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	3
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	3	4	4	2	3	2	3	4	4	3	3	3								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the Child And Adolescent Mental Health clerkship period

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- LIST OF CLINICAL SYMPTOMS / SIGNS / STATUS					
1.	Anxiety	10	Hyperactivity	19	Tobacco use
2.	Altered Consciousness	11	Suicide (Thought, attempt) / Self-harm	20	Sleep-related problems
3.	Cognitive disorders / Forgetfulness	12	Stuttering		
4.	Altered Mood	13	Weight gain/excess		
5.	Encopresis	14	Weight loss		
6.	Enuresis	15	Speech disorders (aphasia, dysphasia, dysarthria, etc.)		
7.	Reality testing problems (hallucination/delusion)	16	Impaired judgment		
8.	Weakness/fatigue	17	Seizure		
9.	Movement disorders	18	Learning disability		

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “Diseases / Clinical Problems” listed below during the Child And Adolescent Mental Health clerkship period.

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- CLINICAL PROBLEM LEARNING LEVELS	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	1. Bipolar disorder 2. Acute and post-traumatic stress disorder 3. Emergencies related to alcohol and substance use 4. Delirium 5. Schizophrenia and other psychotic disorders
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	6. Alcohol and Substance Use Disorders 7. Physical Symptom Disorder (somatization) 1. Bipolar Disorder 8. Gender Identity Disorder 9. Agoraphobia / Specific Phobias 2. Acute and Post-traumatic Stress disorder 10. Attention Deficit and Hyperactivity Disorder 11. Dissociative Disorders 12. Communication Disorders (Stuttering, Articulation Disorder, Social Communication Disorder, Language Disorder) 13. Obsessive-Compulsive Disorder 14. Autism spectrum Disorder 15. Panic Disorder

	16. Social Anxiety Disorder 5. Schizophrenia and Other Psychotic Disorders 17. Tic Disorders 18. Generalized Anxiety Disorder 19. Eating Disorders 20. Disruptive Behavior Disorders, Impulse Control and Behavior Disorders 21. Intellectual Disability 22. Sleep Disorders
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	4. Delirium 23. Depressive Disorder
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	-----
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	6. Alcohol and Substance Use Disorders 1. Bipolar Disorder 3. Emergencies related to alcohol and substance use 4. Delirium 23. Depressive Disorder 5. Schizophrenia and Other Psychotic Disorders
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	1. Bipolar Disorder 4. Delirium 23. Depressive Disorder

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the Child and Adolescent Mental Health clerkship period.

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	-----
Skills specified in the adjacent column; In an emergency , performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	1. Assessing Legal Capacity 2. Suicide Intervention

Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	<ul style="list-style-type: none"> 3. Ability to evaluate the mental state 4. Ability to take psychiatric history 5. Forensic case examination 6. Mental state examination 7. To prepare a forensic report 8. Counseling on disability report 9. To be able to prepare health reports in accordance with current legislation 10. To be able to interpret the results of screening and diagnostic examinations 11. To be able to stabilize the emergency psychiatric patient 12. To be able to manage forensic cases
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	<ul style="list-style-type: none"> 13. Taking general and problem-oriented stories 14. Consciousness Assessment 15. To be able to prepare a legal case report 16. Ability to take enlightening and consent 17. Ability to prepare an epicrisis 18. Ability to prepare a patient file 19. Ability to prepare a prescribing 20. To be able to prepare a treatment rejection document 21. Ability to refer the patient appropriately

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “**Behavioral, Social and Humanities**” listed below during the Child And Adolescent Mental Health clerkship period

CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	1. Discrimination, bias, stigma b. Vulnerable groups (elderly, disabled, convicts and prisoners, etc.)
	2. Addiction a. Alcohol b. Tobacco c. Drug d. Behavioral addiction (gambling, shopping, technology, internet addiction) to. e. Family and social burden due to addiction
	4. Work and health interaction to. Vulnerable groups (child / immigrant / old / young workers)
	5. Environment and health interaction j. Social environment and social well-being
	6. Child neglect and abuse a. Negligence (emotional, physical, medical, educational, etc.) b. Abuse (physical, emotional, sexual) c. Child labor d. Boy living on the street e. Adolescent pregnancies f. Child marriage
	8. Difficulties in physician-patient interaction c. Manipulative patient d. Resistant patient

	<ul style="list-style-type: none"> e. Malingering (using healthcare by pretending to be a patient to gain benefit) f. Patient in mourning g. Somatic symptoms triggered by somatization / psycho-social factors h. Patients who frequently apply to the hospital
	11. Human rights and health <ul style="list-style-type: none"> a. Violations of the right to health
	12. Unemployment and poverty <ul style="list-style-type: none"> b. Child labor
	15. Global climate crisis <ul style="list-style-type: none"> e. Vulnerable groups
	18. Death, the dying individual and mourning <ul style="list-style-type: none"> a. Mourning and prolonged mourning c. Giving bad news
	19. Priority / disadvantaged groups <ul style="list-style-type: none"> a. Children with special needs (chronic health problems, neuro-developmental disorders) / disabled people b. Children (unaccompanied, protected and street children)
	20. Psychological and social well-being <ul style="list-style-type: none"> h. Flexibility / resilience, embracing uncertainties / dilemmas
	23. Aspects of Health Practices Requiring Self-Criticism <ul style="list-style-type: none"> h. Faulty applications in traditional and complementary medicine
	25. Health conditions <ul style="list-style-type: none"> d. Participation in social life g. School health
	27. Stress <ul style="list-style-type: none"> e. Physical and mental complaints due to stress
	28. Violence <ul style="list-style-type: none"> b. Violence against children e. Violence in vulnerable groups f. Peer bullying
	29. Technology and health interaction <ul style="list-style-type: none"> a. Artificial intelligence d. Current diagnostic-treatment tools f. Technology addiction, misuse of technology h. Online health apps
	31. Professionalism in Medicine <ul style="list-style-type: none"> b. Honesty, respect for confidentiality, truth-telling, respect for privacy
	34. Reproductive health / Sexual health <ul style="list-style-type: none"> c. Adolescent pregnancy g. Sexual assault

E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of Child and Adolescent Mental Health clerkship

ATTITUDES THAT SHOULD BE GAINED FOR PROFESSIONALITY DURING THE CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP

1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine.
2. Communication skills, communication in difficult situations, interpersonal relations and teamwork
3. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine.
4. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities.
5. Patient rights, physician responsibility, patient-physician relationship.
6. Reflective thinking and practice, continuous individual and professional development, education and consultancy.

4. CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	09.00-10.00	Asst. Prof. I. ESIN
	Semiology	10.00-11.00	Asst. Prof. I. ESIN
	Speech (Communication) Disorders	14.00-15.00	Asst. Prof. H. DOĞRU
	Acute Stress Disorder Post Traumatic Stress Disorder	15.00-17.00	Asst. Prof. H. DOĞRU
Tuesday	Case-Based Learning (CBL) Session 1	08.00-10.00	Asst. Prof. I. ESIN
	Forensic Applications	10.00-11.00	Asst. Prof. I. ESIN
	Anxiety Disorder	11.00-12.00	Asst. Prof. H. Dođru
	Enuresis -Enkoprezis	13.00-14.00	Asst. Prof. I. ESIN
Wednesday	Mood Disorders in Children	14.00-17.00	Asst. Prof. H. DOĐRU
	Sleep Disorders in Children and Adolescents	09.00-10.00	Asst. Prof. H. DOĐRU
	Autism Spectrum Disorder	10.00-12.00	Asst. Prof. I. ESIN
Thursday	Elective / Freelance Work	13.00-17.00	
	Intellectual disability	09.00- 11.00	Asst. Prof. H. DOĐRU
	Approach to Child Abuse	14.00-15.00	Asst. Prof. H. DOĐRU
Friday	Impulse Control Disorders Alcohol-Substance Use Disorder	15.00-17.00	Asst. Prof. I. ESIN
	School Rejection	09.00-10.00	Asst. Prof. H. DOĐRU
	Obsessive compulsive disorder	10.00-12.00	Asst. Prof. I. ESIN
	Attention Deficit Hyperactivity Disorder	13.00-15.00	Asst. Prof. H. DOĐRU
	Independent Working Hour	15:00-17:00	
II. Week			
Monday	Tic Disorder	09.00-10.00	Asst. Prof. H. DOĐRU
	Emergency Approach I	10.00-12.00	Asst. Prof. I. ESIN
	Emergency Approach II and Drug side effects	13.00-17.00	Asst. Prof. I. ESIN
Tuesday	Case-Based Learning (CBL) Session 2	08.00-10.00	Asst. Prof. H. DOĐRU
	Suicide Behavior and Self-harm	10.00-11.00	Asst. Prof. I. ESIN
	Oppositional-Oppositional Disorder	11.00-12.00	Asst. Prof. I. ESIN
	Conduct Disorder and Treatment	13.00-15.00	Asst. Prof. H. DOĐRU
Wednesday	Schizophrenia and other psychotic disorders	15.00-17.00	Asst. Prof. I. ESIN
	Eating disorder	09.00-10.00	Asst. Prof. H. DOĐRU
	Diagnostic Classification	10.00-11.00	Asst. Prof. I. ESIN
	Sexual Identity Disorders	11.00-12.00	Asst. Prof. H. DOĐRU
Thursday	Elective / Freelance Work	13.00-17.00	
	Case-Based Learning (CBL) Session 3	08.00-10.00	Asst. Prof. H. DOĐRU
	Developmental Problems	10.00-11.00	Asst. Prof. H. DOĐRU
	Specific Learning Disorder	11.00-12.00	Asst. Prof. I. ESIN
Friday	Somatoform Disorders	13.00-17.00	Asst. Prof. H. DOĐRU
	Dissociative disorders		
Friday	EXAM	09.30	Department of Child and Adolescent Psychiatry Seminar Hall

5. MATCHING CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
CAMH001	Semiology	Assistant Professor I. ESIN	1		2, 3		3, 4, 5, 6, 9, 10, 13, 14, 16, 17, 18, 19, 20, 21	1b, 3e, 5j, 6ef, 8dh, 18c, 20h, 23 h, 25g, 31b, 29h, 15e, 11a
CAMH 002	Speech (Communication) Disorders	Assistant Professor H. Dođru	1		12, 15	12		
CAMH S003	Acute Stress Disorder Post-Traumatic Stress Disorder	Assistant Professor H. Dođru	2		1	2		
CAMH 005	Forensic Applications	Assistant Professor I. ESIN	1		16	21	1, 5, 7, 12, 15	
CAMH 006	Anxiety Disorder	Assistant Professor H. Dođru	1		1	9, 15, 16, 18		
CAMH 007	Enuresis -Enkoprezis	Assistant Professor I. ESIN	1		5, 6			
CAMH 008	Mood Disorders in Children	Assistant Professor H. Dođru	3		4	23, 1		8f
CAMH 009	Sleep Disorders in Children and Adolescents	Assistant Professor H. Dođru	1		20	22		
CAMH 010	Autism Spectrum Disorder	Assistant Professor I. ESIN	2			14	8	19a, 25d
CAMH 011	Elective / Freelance Work	Assistant Professor H. Dođru	2		18	21	8	19a
CAMH 012	Intellectual disability	Assistant Professor I. ESIN	1					19b, 6abcd, 12b, 15fe, 28b, 34g
CAMH 013	Approach to Child Abuse	Assistant Professor I. ESIN	1		13			29f
CAMH 014	Impulse Control Disorders Alcohol-Substance Use Disorder	Assistant Professor I. ESIN	1		19	3, 6		2abcde
CAMH 015	School Rejection	Assistant Professor H. Dođru	1		1			
CAMH 016	Obsessive compulsive disorder	Assistant Professor H. Dođru	2			13		
CAMH 017	Attention Deficit Hyperactivity Disorder	Assistant Professor H. Dođru	2		10	10		
CAMH 018	Tic Disorder	Assistant Professor H. Dođru	1		9	17		
CAMH 019	Emergency Approach	Assistant Professor I. ESIN	6			4	2, 12	

CAMH 020	Suicide Behavior and Self-harm	Assistant Professor I. ESIN	1		11		2	
CAMH 021	Oppositional- Oppositional Disorder	Assistant Professor I. ESIN	1					
CAMH 022	Conduct Disorder and Treatment	Assistant Professor H. Doğru	2			20		
CAMH 023	Schizophrenia and other psychotic disorders	Assistant Professor I. ESIN	2		7	5		
CAMH 024	Eating disorder	Asst. Prof. H. Doğru	1		14	19		
CAMH 025	Diagnostic Classification	Assistant Professor I. ESIN	1					29ad
CAMH 026	Sexual Identity Disorders	Assistant Professor H. Doğru	1			8		
CAMH 027	Developmental Problems	Asst. Prof. H. Doğru	1					
CAMH 028	Specific Learning Disorder	Assistant Professor I. ESIN	1		18			19a
CAMH 029	Somatoform Disorders	Asst. Prof. H. Doğru	2		17	7		8ceg, 27e
CAMH 030	Dissociative disorders	Asst. Prof. H. Doğru	2			11		
CAMH 019	Outpatient Applications	Department Staffs		4				
CAMH 020	Notification meeting of internship goals and objectives	Department Staffs	1					
CAMH 021	Post-internship feedback meeting	Department Staffs	1					

6. LEARNING METHODS OF CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP PROGRAM

LEARNING METHODS OF CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • On-the-job learning and assessment (MiniPET)

7. "STUDENT TRAINEE REPORT" FOR CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP

The skills in the field of basic medicine practices expected in the Term IV Trainee student are evaluated with the "Atatürk University Faculty of Medicine Trainee Report" which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION V CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
Ability to take psychiatric history	3	1*	
Ability to evaluate the mental state	3	1*	
B. Physical Examination (General and Problem-Oriented)			
Mental Status Examination	3	1*	
Consciousness Assessment	4	1*	
C. Registration, Reporting and Notification			
Write a prescription	4	1*	
Ability to Edit a Forensic Case Notification	4	1*	
Preparing a patient file	4	1*	
Counseling on disability report	3	1*	
D. Laboratory Tests and Other Related Processes			
To be able to interpret the results of screening and diagnostic examinations	3	1*	
E. Interventional and Non-Interventional Applications			
Ability to stabilize the emergency psychiatric patient	3	1*	
Managing forensic cases	3	1*	
Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Compliance with internship rules			
Compliance with teamwork			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN CHILD AND ADOLESCENT MENTAL HEALTH CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (85 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 20 multiple choice questions and and case-based multiple choice questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.

SESSION V PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP GUIDE

Code	TPT-502
Period	2 weeks

Type	Elective
ECTS	5

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- Prerequisite Courses

1	Taken the pre-clinical courses
2	Taken courses in the relevant committee (s) in session 3

REFERENCES (RESOURCE BOOK - OTHERS)

1.	Grabb and Smith's Plastic Surgery
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PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- RULES FOR STUDENTS

1	Clerkship training starts on 08.00 in the morning and ends at 17.00 in the morning.
2	Students will attend clerkships and exams in a clean and well-maintained manner, with white gown and ID card.
3	The first course of each internship is planned as clerkship introduction. The instructor will be informed about the purpose of the clerkship, learning objectives, scope (symptoms / conditions, core diseases / clinical problems, basic medicine practices, attitudes and behaviors), curriculum, assessment methods and rules to be obey during the clerkship.
4	Students are obliged to keep the "Ataturk University Faculty of Medicine Trainee Report" which contains the knowledge, skills and attitudes of the clerkship prepared in accordance with their learning objectives and competencies, and have it approved by the clerkship officer and handed it over to the Department for the student's assessment at the end of the clerkship.
5	The students are required to attend scientific meetings, case presentations and seminars organized by the department.
6	In order to be successful at the end of the clerkship; Students are required to take at least 60 point from each Practical and Theoretical exams, In Practical exams the Trainee Report and professionalism characteristics appropriate for medicine will also be evaluated. Requirements for the success of the exam are specified in "Atatürk University Faculty of Medicine Teaching and Exam Application Principles".
7	Feedback will be received verbally and digitally from all students at the end of the clerkship. Verbal feedback is chaired by the Department; Digitally feedbacks will be made on the web address at " http://anket.atauni.edu.tr ". The participation link to the survey will be sent to the students by the dean's management.

1. PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- OBJECTIVE OF THE PROGRAM

OBJECTIVE OF THE PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP PROGRAM

1.	To be able to make a preliminary diagnosis by evaluating the embryology, anatomy and physiological features of the body structures that are in the field of plastic, reconstructive and aesthetic surgery, and the symptoms and findings of the diseases that affect them.
2.	To be able to perform or direct the emergency treatment by identifying emergencies such as maxillofacial trauma, burn, hand injury, amputation, which are within the scope of the Plastic, Reconstructive and Aesthetic Surgery clinic.
3.	To be able to create and apply treatment plan in necessary clinical situations within the scope of education level criteria
4.	To be able to provide referral when necessary after emergency intervention and treatment
5.	To direct the patient and family correctly in congenital anomalies and to provide the necessary rehabilitation approach until the time of surgery.
6.	To gain the knowledge, skills and professionalism characteristics determined for the internship.

2. PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- LEARNING OUTCOMES

Contribution levels to “Ataturk University Faculty of Medicine Pre-Graduate Medical Education Program Qualifications”

Program Qualifications	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Contribution levels	5	5	4	5	5	5	4	4	5	5	5	5	4	3	4	4	4	5	3	4
Program Qualifications	21	22	23	24	25	26	27	28	29	30	31	32								
Contribution levels	4	4	4	4	5	4	5	5	4	4	4	4								

Contribution levels: -:no contribution 1 very low 2 low 3 intermediate 4 high 5 very high

3. LEARNING OBJECTIVES OF THE PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP PROGRAM

A. Frequent reasons for application: Competence is expected in terms of Clinical Symptoms / Signs / Status during the **PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY** clerkship period

1.	Wound in the mouth	10	Maxillofacial traumas
2.	Aesthetic defects acquired in the body	11	Hair loss
3.	Mass on the neck	12	Burn
4.	Shape disorders in breast	13	Movement defect in the fingers and wrist
5.	Changes in skin and its appendages (dryness, discoloration, etc.) *	14	Mass in the face
6.	Limb amputations	15	Cleft lip and palate
7.	Freezing	16	Hand injury
8.	Asymmetry in the face	17	Congenital aesthetic defects in the body
9.	Gynecomastia	18	Wounds and injuries

B. In terms of knowledge: It is expected to have knowledge at the levels determined in the “**Diseases / Clinical Problems**” listed below during the **PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY** clerkship period.

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- <i>CLINICAL PROBLEM LEARNING LEVELS</i>	
LEARNING LEVELS	CLINICAL PROBLEM
In the clinical problems mentioned in the column next to; Define the Emergency situation (E) and be able to perform emergency treatment and direct it to the specialist when necessary	24. Freezing 2. Extremity trauma / fractures 3. Skin injuries 4. Burns 5. Facial Paralysis
In the clinical problems mentioned in the column next to; Putting a Preliminary Diagnosis (Pre-D) to be able to perform the necessary pre-operations and direct it to the expert	6. Head and neck tumors 7. Skin tumors 8. Lymphedema / Lipedema 9. Septum deviation 10. Vascular malformations / hemangioma
In the clinical problems mentioned in the column next to; To be able to make a Diagnosis (D) and have	11. Cleft palate, cleft lip

information about treatment, to be able to direct the specialist by making the necessary preliminary procedures	
In the clinical problems mentioned in the column next to; Be able to Diagnose and Treat (DT)	12. Pressure sores 13. Skin and soft tissue infections, abscesses 4. Burns
In the clinical problems mentioned in the column next to; Should be able to apply Preventive measures (P) (those suitable from primary, secondary and tertiary protection)	6. Head - neck tumors 7. Skin tumors 8. Lymphedema / Lipedema 13. Skin and soft tissue infections, abscesses
In the clinical problems mentioned in the column next to; be able to follow up (F) in necessary cases	8 Lymphedema / Lipedema 12. Pressure sores

C. In terms of skill: It is expected to gain the ability to practice **at the level determined in "Basic Medicine Practices"** listed below during the **PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY** clerkship period.

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- LEARNING LEVELS OF BASIC MEDICINE APPLICATIONS	
LEARNING LEVELS	BASIC MEDICINE APPLICATIONS
Skills specified in the adjacent column; Knows how to practice and explains the results to patients and / or relatives (LEARNING LEVEL 1)	1. Muscle - skeletal system examination 2. To be able to prepare a forensic report 3. To be able to organize a forensic case notification 4. To be informed and to get approval 5. To be able to advise on disability report 6. To prepare epicrisis 7. To be able to prepare health reports in accordance with current legislation 8. To prepare patient file 9. To be able to apply the principles of rational drug use 10. Ability to request rational laboratory and imaging examination 11. Evaluation of multiple trauma patients 12. Consciousness Evaluation 13. Ear-nose-throat and head and neck examination 14. Being able to refer the patient appropriately 15. Reporting legally notifiable diseases and conditions 16. To be able to carry the amputated limb properly after trauma 17. Being able to take samples for culture 18. Ability to provide health care in extraordinary situations

Skills specified in the adjacent column; In an emergency, performs the application in accordance with the guide / instruction (LEARNING LEVEL 2)	19. To apply the principles of working with biological material 20. To be able to provide decontamination, disinfection, sterilization, antiseptis. 21. To be able to fill the request form for laboratory examination 22. Ability to take the laboratory sample under appropriate conditions and deliver it to the laboratory 23. To be able to prepare and apply splints 24. Being able to apply bandages, turnstiles 25. To be able to take measures to stop / limit external bleeding 26. Hand washing
Skills specified in the adjacent column; performs pre-assessment / evaluation in uncomplicated , frequent, cases creates necessary plans and informs patients and their relatives and does the application (LEARNING LEVEL 3)	27. Ability to take general and problematic stories 28. To evaluate the mental state 29. Skin examination 30. Evaluation of general condition and vital signs 31. Breast and axillary examination 32. To be able to receive information and consent 33. To be able to prepare epicrisis 34. To prepare patient file 35. To be able to issue a recipe 36. To be able to prepare refusal of treatment document
Skills specified in the adjacent column; Pre-evaluate the application including complex situations / cases, creates the necessary plans and informs the patients and their relatives and does the application (LEARNING LEVEL 4)	37. To be able to read and evaluate direct radiographs 38. To be able to interpret the results of screening and diagnostic purposes 39. To interfere with nosebleeds 40. Ability to open skin and soft tissue abscesses 41. Ability to take biological samples from the patient 42. Ability to care for wound and burn 43. Ability to suture and remove superficial sutures

D. In terms of Behavioral, Social and Humanities: It is expected to have sensitivity, knowledge and skills in the “Behavioral, Social and Humanities” listed below during the **PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY** period

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP – LIST OF BEHAVIORAL, SOCIAL AND HUMANITIES	
	1. Scientific research methods and ethics Evidence-based medical practices 2. Work and health interaction .Accidents at work 3. Legal and ethical situations Professional duties and obligations b. Informed consent and special cases c. Coordination of the health service delivery process (situations requiring cooperation and team service in preventive, curative and rehabilitative services) and ethics 4. Human rights and health a. Right to health violations Patient rights and responsibilities

5. Accidents a. Home accidents Traffic accidents Work accidents
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E. In terms of Professionalism: Attitudes listed below are expected to be gained during the period of **PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY** clerkship

ATTITUDES THAT SHOULD BE GAINED FOR <i>PROFESSIONALITY</i> DURING THE PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP
<ol style="list-style-type: none"> 1. Totalitarian approach to health (bio - psycho - social and cultural approach), patient - centered approach, community oriented medicine. 2. Rights-based health approach 3. Communication skills, communication in difficult situations, interpersonal relations and teamwork 4. History of medicine and thought / values, physician identity and awareness, roles and limits of medicine. 5. Medical ethics, ethical and professional values and responsibilities; human, social and cultural values and responsibilities. 6. Patient rights, physician responsibility, patient-physician relationship. 7. Problems and dilemmas for professionalism / ethics in health processes. 8. Legal problems in health processes. 9. Research and publication ethics. 10. Determinants of health, inequality in health, social gender and health. 11. Health systems, health policies. 12. Health economics and management. 13. Reflective thinking and practice, continuous individual and professional development, education and consultancy. 14. Work culture in coordination with other members of the team and disciplines 15. Being able to share their knowledge and professional experience with other members of the team,

4. PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP - WEEKLY COURSE PROGRAM

SESSION V PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP- WEEKLY COURSE PROGRAM			
Days	Subject of The Lesson	Lesson Time	Teaching Staff
I. Week			
Monday	Information about Internship and Ethical and Professional Values in Clinical Practice	08.00-09.00	Dr.Abdulkerim OGUN
	Introduction to The Plastic Surgery and Basic Principles	09.00-11.00	Dr.Abdulkerim OGUN
	Visit and Clinical Practice	11.00-12.00	
	Grafts	13.30-14.30	Dr.Abdulkerim OGUN
	Flaps	15.00-17.00	Dr.Mehmet Akif CAKMAK
Tuesday	Acute Burn Injury and Its Treatment	08.00-10.00	Dr.Mehmet Akif CAKMAK
	Case-Based Learning (CBL) Session 1	10.00-11.00	
	Sutures and Suture Techniques	11.00-12.00	Dr.Abdulkerim OGUN
	Hemangioma and Arteriovenous Malformations	13.30-15.30	Dr.Abdulkerim OGUN
	Wound Healing	16.00-17.00	Dr.Abdulkerim OGUN
Wednesday	Visit and Clinical Practice	08.00-10.00	
	Cleft Lip and Palate	10.00-12.00	Dr.Mehmet Akif CAKMAK
	Elective / Freelance Work	13.30--17.00	
Thursday	Hand Flexor Tendon Injuries	08.00-09.00	Dr.Mehmet Akif CAKMAK
	Outpatient and Clinical Practice	09.00-12.00	
	Operating Room Application	13.30-17.00	
Friday	Visit and Clinical Practice	08.00-10.00	
	Working Hours	10.00-12.00	
	Operating Room Application	13.30-17.00	
II. Week			
Monday	Visit	08.00-09.00	

	Non-Melanotic Skin Cancers	09.00-11.00	Dr.Abdulkerim OGUN
	Outpatient and Clinical Practice	11.00-12.00	
	Wound Closure Methods	13.30-14.30	Dr.Mehmet Akif CAKMAK
	Maxillofacial Traumas	15.00-17.00	Dr.Mehmet Akif CAKMAK
Tuesday	Visit	08.00-10.00	
	Case-Based Learning (CBL) Session 2	10.00-11.00	
	Outpatient and Clinical Practice	11.00-12.00	
	Operating Room Application	13.30-17.00	
Wednesday	Visit and Clinical Practice	08.00-10.00	
	Malignant Melanoma And Treatment	10.00-12.00	Dr.Abdulkerim OGUN
	Elective / Freelance Work	13.30-17.00	
Thursday	Hand Extensor Tendon Injuries	08.00-09.00	Dr.Mehmet Akif CAKMAK
	Pressure Ulcers	09.00-10.00	Dr.Mehmet Akif CAKMAK
	Case-Based Learning (CBL) Session 3	10.00-11.00	
	Working Hours	11.00-12.00	
	Operating Room Application	13.30-17.00	
Friday	Visit and Clinical Practice	08.00-10.00	
	Final Exam (Practical and Theoretical)	10.00-16.00	
	Clerkship feedback meeting	16.00-17.00	

5. MATCHING PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES

MATCHING PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP COURSES WITH LEARNING OBJECTIVES								
Code	Lesson Topic	Teaching Staff	Theoretical lesson	Practical lesson	Symptoms / Conditions	Clinical problem	Basic Medical Practices	Behavioral, Social and Humanities
Plastic001	Information about the clerkship- Ethical and professional values in clinical practice	Dr.Abdulkerim OLGUN	2		3, 4, 7, 8, 15, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	1, 9, 11, 12, 13, 14, 15, 16, 23, 24, 25, 27, 30, 37, 42	1, 2, 3, 4, 5
Plastic 002	Grafts	Dr.Abdulkerim OLGUN	2		15, 18	1, 3, 7, 12, 13	9, 19, 20, 24, 35, 42	1, 2, 3, 4, 5
Plastic 003	Flaps	Dr.Mehmet Akif CAKMAK	2		12, 15, 18	1, 3, 7, 12, 13	9, 19, 20, 24, 35, 42	1, 2, 3, 4, 5
Plastic 004	Acute Burn Injury and Its Treatment	Dr.Mehmet Akif CAKMAK	2		15, 18,	4	2, 3, 11, 12, 42	1, 2, 3, 4, 5
Plastic 005	Sutures and Suture Techniques	Dr.Abdulkerim OLGUN	2		12, 17, 18	3	43	1, 2, 3, 4, 5
Plastic 006	Hemangioma and Arteriovenous Malformations	Dr.Abdulkerim OLGUN	2		2, 9, 16	10	13, 14, 30	1, 2, 3, 4, 5
Plastic 007	Wound Healing	Dr.Abdulkerim OLGUN	2		1, 18	1, 3, 4, 12, 13	10, 17, 19, 20, 21, 22	1, 2, 3, 4, 5
Plastic 008	Cleft Lip and Palate	Dr.Mehmet Akif CAKMAK	2		8, 9	11	13, 27, 28	1, 2, 3, 4, 5
Plastic 009	Hand Extensor Tendon Injuries	Dr.Mehmet Akif CAKMAK	2		17, 18	2	1, 2, 3, 4, 5, 7, 11, 12, 14, 16, 23, 24, 25, 26, 42, 43	1, 2, 3, 4, 5
Plastic 010	Non-Melanotic Skin Cancers	Dr.Abdulkerim OLGUN	2		2, 16	7	13, 14, 29	1, 2, 3, 4, 5
Plastic 011	Wound Closure Methods	Dr.Mehmet Akif CAKMAK	2		12, 17, 18	3, 12, 13	43	1, 2, 3, 4, 5
Plastic 012	Hand Flexor Tendon Injuries	Dr.Mehmet Akif CAKMAK	2		12, 17, 18	2	1, 2, 3, 4, 5, 7, 11, 12, 14, 16, 23, 24, 25, 26, 42, 43	1, 2, 3, 4, 5

Plastic 013	Malignant Melanoma And Treatment	Dr.Abdulkerim OGUN	2		2, 16	7	13, 14, 29	1, 2, 3, 4, 5
Plastic 014	Pressure Ulcers	Dr.Mehmet Akif CAKMAK	2		18	12	27, 29, 30, 40, 42	1, 2, 3, 4, 5
Plastic015	Maxillofacial Traumas	Dr.Mehmet Akif CAKMAK	2		14, 18	3, 4, 5, 6	11, 12, 13, 16, 25, 27, 30, 37, 38, 39, 43	1, 2, 3, 4, 5
Plastic 016	Introduction to The Plastic Surgery and Basic Principles	Dr.Abdulkerim OGUN	2		3, 4, 7, 8, 15, 18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	1, 9, 11, 12, 13, 14, 15, 16, 23, 24, 25, 27, 30, 37, 42	1, 2, 3, 4, 5
Plastic 017	Clinic visit			20				
Plastic 018	Outpatient clinic/operation room applications			20				

6. LEARNING METHODS OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP PROGRAM

LEARNING METHODS OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP PROGRAM
Learning Methods Related with Knowledge:
<ul style="list-style-type: none"> • Structured learning activities in clinical skill laboratories and simulated patient centers • Bedside teaching in medical education, visits, structured focused patient visit, service and outpatient experiences • On-the-job learning and assessment • Structured case discussion
Learning Methods Related with Medical practices:
<ul style="list-style-type: none"> • Classroom lecture / presentation: Lecture, tutorial presentation, interactive classroom lectures • Interdisciplinary learning activities (meetings, panels, group discussions) • Case / problem-based interactive learning activities conducted with small groups (problem-based learning, case discussion, clinical tutorials, etc.) • CBL (Case-based learning) • Independent learning
Learning Methods Related with Professionalism
<ul style="list-style-type: none"> • Critical situation discussions • Reflection sessions • Written visual texts readings and interpretations • Student development file (portfolio) application • On-the-job learning and assessment (MiniPET)

7. “STUDENT TRAINEE REPORT” FOR PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP

The skills in the field of basic medicine practices expected in the Term V Trainee student are evaluated with the “Atatürk University Faculty of Medicine Trainee Report” which is prepared in accordance with the learning objectives and levels. After the student has completed the expected skills of basic medicine practices, they must get the clerkship responsible trainer approved and then they will deliver it to the clerkship responsible trainer on the last day of the training.

ATATÜRK UNIVERSITY FACULTY OF MEDICINE-SESSION IV INTERNAL MEDICINE CLERKSHIP STUDENT TRAINEE REPORT			
Name:.....Surname:.....			
Student Number:		Date:...../...../.....	
I- Basic Medicine Practices	Learning Level**	Number of Applications	Teaching Staff Approve (Date)
A. Taking Anamnesis			
Ability to take general and problematic stories	4	3*	
B. Physical Examination (General and Problem-Oriented)			
Skin, soft tissue examination	3	3*	
To be able to perform maxillofacial trauma examination	3	3*	
To be able to examine hand injury			
C. Registration, Reporting and Notification			
Writing prescriptions	4	3*	
Preparing a patient file	4	3	
D. Laboratory Tests and Other Related Processes			
To take the laboratory sample under suitable conditions and send it to the laboratory under suitable conditions	4	3	
Filling the request form for laboratory examination	4	3	
To be able to interpret the results of screening and diagnostic purposes	3	3*	
E. Interventional and Non-Interventional Applications			
Burn care and dressing	3	1*	
To be able to refer amputated limb under suitable conditions	3	1	
Skin, subcutaneous suturing and sture removing	4	2	
I-Total Basic Medicine Practice score (out of 5 point)			
II- Impression about the student- Professional Features appropriate for Physician (Evaluated by the Department trainers)			
Total Professionalism score (out of 5 point)			
III- Clinical Problem Solving (out of 5) (Given from the performance shown in Case Based Learning sessions)			
TOTAL SCORE FROM TRAINEE REPORT (out of 15 point)			
Teaching Staff Date and Sign		Head of Department Date and Sign	

* Performing or monitoring on the patient or in the simulation lab with Teaching Staff

Learning Level

Learning Level**	Explanation
1	Knows how to practice and explains the results to patients and / or relatives.
2	In an emergency, performs the application in accordance with the guide / instruction
3	Performs the application* in uncomplicated, common, situations / cases.
4	Performs the application* including complex situations / cases.

*Conducts preliminary assessment / evaluation, creates the necessary plans, implements and informs patients and relatives / society about the process and its results.

8. ASSESSMENT AND EVALUATION METHODS IN PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY CLERKSHIP

ASSESSMENT AND EVALUATION METHODS IN INTERNAL MEDICINE CLERKSHIP
PRACTICAL-ORAL EXAMINATION
<ul style="list-style-type: none"> • Trainee Report: Total contribution to the Practical-Oral Examination (15%) <ul style="list-style-type: none"> ➤ Basic Medicine Practices (5 %). ➤ Professionalism in Medical Practices: It is evaluated by faculty members. In the evaluation, the compliance of the student with the Clerkship rules and Team work is taken into consideration (5%). ➤ Clinical Problem Solving (Given from the performance shown in Case Based Learning sessions) (out of 5) • Practical Exam: It is performed by the direct observation and evaluation of practical / interventional skills. Total contribution to the Practical-Oral Examination (15%) • Oral Examination: Structured Oral Exam (structured questions based on the fact that evaluates clinical decision making and questions evaluating clinical information). Total contribution to the Practical-Oral Examination (70 %) • Students whose score less than 60 points out of 100 from the practice-oral examination are considered unsuccessful. • Students who fail the practical-oral examination, take the make-up exam. • Students who fail the practical-oral examination cannot take the Theoretical (multiple choice-written) exam.
THEORETICAL EXAM
<ul style="list-style-type: none"> • It consists of a total of 5 classical written questions and and case-based questions (evaluating clinical information and clinical decision) • Students whose score less than 60 points out of 100 from the theoretical examination are considered unsuccessful. • Students who fail the theoretical examination, take the make-up exam.
SUCCESS GRADE
<ul style="list-style-type: none"> • Clerkship achievement grade is calculated by taking the average of the points obtained from the Practical-oral and Theoretical exam.
MAKE-UP EXAM
<ul style="list-style-type: none"> • If the student who does not take the practical-oral or theoretical exam or fails, does not take the make-up exams or fail the make-up exam, he / she is considered unsuccessful from that clerkship and repeats that clerkship.