

YEDİTEPE UNIVERSITY
FACULTY of MEDICINE PHASE IV
ACADEMIC PROGRAM BOOK

2022– 2023

Student's; Name :.....

Nr :.....

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM OF MEDICAL EDUCATION PROGRAM*,**

*“Consensus Commission Report” based on draft compiled at “*Workshop for Revision of Aim and Outcomes of Medical Education Program at Yeditepe University Faculty of Medicine*”

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AIM

The aim of medical education program *is to graduate physicians* who

- **are aware of** the local and global health issues
- **have acquired competence** in knowledge, skills and attitudes to manage and provide primary health care service
- **know, apply** and **care** for ethical principles of the medical profession
- **keep up with** current knowledge at national and international level
- **are capable of** systematical thinking **are** investigative and questioning continually
- **renovate** and **improve** themselves
- **are capable of** teamwork
- **use** technology competently in medicine and related areas
- **have** effective communication skills
- **have** community leadership qualifications.

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION ^{*}, ^{**}

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Abbreviations: PO: Program Outcomes, POD: Program Outcomes Domain, PODG: Program Outcomes Domain Group

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

PO.1.1.1. values preventive health services, **offers** primary prevention (i.e. prevention of diseases for the protection of health), secondary prevention (i.e. early diagnosis and treatment) tertiary prevention (i.e. rehabilitation) and quaternary prevention (i.e. prevention of excessive and unnecessary diagnosis and treatment) services, **provides** consultancy on these issues.

PO.1.1.2. employs a patient-centered approach in patient management.

PO.1.1.3. recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.

PO.1.1.4. takes medical history from the applicant himself/herself or from the individual's companions.

PO.1.1.5. does general and focused physical and mental examination.

PO.1.1.6. interprets findings in medical history, physical and mental examination.

PO.1.1.7. employs diagnostic procedures that are used frequently at the primary health care level.

PO.1.1.8. selects tests that have evidence-based high efficacy at the primary health care level and **interprets** results.

PO.1.1.9. makes clinical decisions using evidence-based systematic data in health care service.

PO.1.1.10. performs medical interventional procedures that are used frequently at the primary health care level.

PO.1.1.11. manages healthy individuals and patients in the context of health care services.

PO.1.1.12. keeps medical records in health care provision and **uses** information systems to that aim.

POD.1.2. Competencies Related to Communication

PO.1.2.1. throughout his/her career, **communicates** effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.

PO.1.2.2. collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.

PO.1.2.3. recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.

PO.1.2.4. communicates with all stakeholders taking into consideration the socio-cultural diversity.

POD.1.3. Competencies Related to Leadership and Management

PO.1.3.1. manages and **leads** within the health care team in primary health care organization.

PO.1.3.2. recognizes the principles of health management and health sector economy, models of organization and financing of health care services.

PO.1.3.3. recognizes the resources in the health care service, the principles for cost-effective use.

POD.1.4. Competencies Related to Health Advocacy

PO.1.4.1. recognizes the health status of the individual and the community and the factors affecting the health, **implements** the necessary measures to prevent effects of these factors on the health.

PO.1.4.2. recognizes and **manages** the health determinants including conditions that prevent access to health care.

POD.1.5. Competencies Related to Research

PO.1.5.1. develops, prepares and **presents** research projects

POD.1.6. Competencies Related to Health Education and Counseling

PO.1.6.1. provides consultancy services and **organizes** health education for the community to sustain and promote the health of individual and community.

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies Related to Law and Legal Regulations

PO.2.1.1. performs medical practices in accordance with the legal framework which regulates the primary health care service.

POD.2.2. Competencies Related to Ethical Aspects of Medicine

PO.2.2.1. recognizes basic ethical principles completely, and **distinguishes** ethical and legal problems.

PO.2.2.2. pays importance to the rights of patient, patient's relatives and physicians, and **provides** services in this context.

POD.2.3. Competencies Related to Social and Behavioral Sciences

PO.2.3.1. relates historical, anthropological and philosophical evolution of medicine, with the current medical practice.

PO.2.3.2. recognizes the individual's behavior and attitudes and factors that determine the social dynamics of the community.

POD.2.4. Competencies Related to Social Awareness and Participation

PO.2.4.1. leads community with sense of responsibility, behavior and attitudes in consideration of individual behaviors and social dynamics of the community, and if there is a necessity, **develops** projects directed towards health care services.

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

PO.2.5.1. displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.

PO.2.5.2. respects patients, colleagues and all stakeholders in health care delivery.

PO.2.5.3. displays the proper behavior in case of disadvantaged groups and situations in the community.

PO.2.5.4. takes responsibility for the development of patient safety and healthcare quality.

PO.2.5.6. evaluates own performance as open to criticism, **realizes** the qualifications and limitations.

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

PO.3.1.1. embraces the importance of lifelong self-learning and **implements**.

PO.3.1.2. embraces the importance of updating knowledge and skills; **searches** current advancements and **improves** own knowledge and skills.

PO.3.1.3. uses English language at least at a level adequate to follow the international literature and to establish communication related to the profession.

POD.3.2. Competencies Related to Career Management

PO.3.2.1. *recognizes* and ***investigates*** postgraduate work domains and job opportunities.

PO.3.2.2. *recognizes* the application requirements to postgraduate work/job domains, and ***distinguishes*** and ***plans*** any requirement for further training and work experience.

PO.3.2.3. *prepares* a resume, and ***recognizes*** job interview methods.

POD.3.3. Competencies Related to Protection and Development of Own Physical and Mental Health

PO.3.3.1. *implements* the rules of healthy living.

PO.3.3.2. *displays* appropriate behavior specific to work under stressful conditions.

PO.3.3.3. *uses* self-motivation factors.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PHASE IV COORDINATION COMMITTEE
(TEACHING YEAR 2022 – 2023)**

Özlem TANRIÖVER MD, MPH Prof. (Coordinator)

Müge BIÇAKÇIGİL KALAYCI MD, Prof. (Co-coordinator)

Filiz BAKAR MD, Prof. (Co-coordinator)

Gökhan GENCER MD, Assist Prof. (Co-coordinator)

Pınar TURA, MD, Assist Prof. (Co-coordinator)

Ü. Ayça Türer CABBAR MD, Assist Prof. (Co-coordinator)

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE CURRICULUM 2022-2023
PHASE IV

FOURTH YEAR						
W	T	A	L	Y	E	
Internal Medicine	10				12	
Child Health And Paediatrics	10				12	
Obstetrics and Gynaecology	5				9	
General Surgery	4				8	
Cardiology	2				5	
Cardiovascular Surgery	2				2	
Clinic Ethics	1				2	
Plastic and Reconstructive Surgery	1.5				2	
Public Health	1				2	
Thoracic Surgery	1.5				2	
Transition to Clinical Settings	1				2	
Emergency Medicine	2				2	
Total Credits						60

The curriculum applies to 2021-2022 educational term. The duration of educational term for each year is shown in the table as total number of weeks. ECTS credits are the university credits of the courses in Yeditepe University Faculty of Medicine Undergraduate Medical Education Program. 1 ECTS=30 hours of workload including independent study hours per average student. GPA and cGPA calculations are based on ECTS credits.

T: Theoretical, A: Application , L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit	Minimum Degree Requirements	
NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks.	ECTS	360
Approval Date:	Number of courses	53

* Please see https://med.yeditepe.edu.tr/sites/default/files/curriculum_2021-22_ytf_tr.docx for more information.

YEDİTEPE UNIVERSITY
FACULTY of MEDICINE
PHASE IV

DESCRIPTION OF PHASE IV

“Clinical Phase”; qualifications (competencies and proficiencies) for symptom-disease-Patient management in domains of clerkships.

PHASE CONTENT

Symptom-disease-Patient management in Internal Medicine, Pediatrics, Obstetrics and Gynecology, General Surgery, Cardiology, Thoracic Surgery, Plastic Surgery, Cardiovascular Surgery, Public Health

EXECUTIVES OF ACADEMIC YEAR

Biomedical Ethics and Deontology, Public Health, Pediatrics, Internal Medicine (Endocrinology, Infectious Diseases, Gastroenterohepathology, Hematology/ Oncology, Rheumatology, Nephrology) Cardiology, General Surgery, Obstetrics and Gynecology, Thoracic Surgery, Plastic Surgery, Cardiovascular Surgery.

AIM AND OBJECTIVES OF PHASE IV

AIM

In 4th phase of program, students are intended to be brought up to the competency level to use their knowledge, skills and attitudes gained in the first three years, to diagnose, follow-up and treat Patients including the outPatients and/or inPatients.

LEARNING OBJECTIVES

At the end of this phase, student should be able to;

KNOWLEDGE

explain clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency

tell that taking a history based on systems is an important element of diagnosis

count properties of Physical Examination based on systems

explain interventions used for current medical and surgical methods

recognize basic ethical Approaches completely

distinguish between legal and ethical issues

SKILLS

take history based on systems

apply Physical Examination methods based on systems

select appropriate tests to support clinical decisions

interpret test results to support clinical decisions

do frequently used diagnostic applications

refer Patient to next level care

ATTITUDES

participate fully and timely in activities carried out during training

take responsibilities to be fulfilled

PHASE 4 ACADEMIC SCHEDULE 2022 - 2023

TRANSITION TO CLINICAL SETTINGS (3 DAYS) 31.08.2022-02.09.2022			
CLINICAL ETHICS (1 WEEK) 05-09.09.2022			
PUBLIC HEALTH (1 WEEK) 12-16.09.2022			
GROUP A	GROUP B	GROUP C	GROUP D
<p>INTERNAL MEDICINE (10 WEEKS) 19.09.2022-25.11.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 19.09.2022-25.11.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANIYE İ TRAINING AND RESEARCH HOSPITAL.</p>	<p>CARDIOLOGY (2 WEEKS) 19.09.2022-30.09.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p>GENERAL SURGERY (4 WEEKS) 19.09.2022-14.10.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL - ÜMRANIYE İ TRAINING AND RESEARCH HOSPITAL.</p>
		<p>CARDIOVASCULAR SURGERY (2 WEEKS) 03.10.2022-14.10.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	
		<p>GENERAL SURGERY (4 WEEKS) 17.10.2022-11.11.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL - ÜMRANIYE İ TRAINING AND RESEARCH HOSPITAL.</p>	<p>CARDIOLOGY (2 WEEKS) 31.10.2022 - 11.11.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>
		<p>EMERGENCY MEDICINE (2 WEEKS) 14.11.2022-25.11.2022 YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>OBSTETRICS AND GYNECOLOGY (5 WEEKS) 14.11.2022 - 16.12.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</p>
<p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 28.11.2022-03.02.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANIYE TRAINING AND RESEARCH HOSPITAL.</p>	<p>INTERNAL MEDICINE (10 WEEKS) 28.11.2022-03.02.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 28.11.2022-07.12.2022 YEDİTEPE UNIVERSITY HOSPITAL / 8 gün</p>	<p>THORACIC SURGERY (1,5 WEEK) 08.12.2022-16.12.2022 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL/ 7 gün</p>
<p>THORACIC SURGERY (1,5 WEEK) 19.12.2022-28.12.2022 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL 8 gün</p>		<p>OBSTETRICS AND GYNECOLOGY (5 WEEKS) 19.12.2022-20.01.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNETRAINING AND RESEARCH HOSPITAL</p>	
<p>CARDIOLOGY (2 WEEKS) 06.02.2023-17.02.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>		<p>GENERAL SURGERY (4 WEEKS) 06.02.2023-03.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL- ÜMRANIYE İ TRAINING AND RESEARCH HOSPITAL.</p>	<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 29.12.2022-06.01.2023 YEDİTEPE UNIVERSITY HOSPITAL / 7 gün</p>
<p>CARDIOVASCULAR SURGERY (2 WEEKS) 20.02.2023-03.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>		<p>CARDIOVASCULAR SURGERY (2 WEEKS) 20.03.2023-31.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p>CARDIOVASCULAR SURGERY (2 WEEKS) 09.01.2023-20.01.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>
<p>GENERAL SURGERY (4 WEEKS) 06.03.2023 -31.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL - ÜMRANIYE İ TRAINING AND RESEARCH HOSPITAL.</p>	<p>CARDIOLOGY (2 WEEKS) 06.03.2023 - 17.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p>INTERNAL MEDICINE (10 WEEKS) 23.01.2023-31.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 23.01.2023-31.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANIYE TRAINING AND RESEARCH HOSPITAL.</p>
<p>EMERGENCY MEDICINE (2 WEEKS) 03.04.2023-14.04.2023 YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>OBSTETRICS AND GYNECOLOGY (5 WEEKS) 03.04.2023-12.05.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNETRAINING AND RESEARCH HOSPITAL /</p>		<p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 03.04.2023-16.06.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANIYE TRAINING AND RESEARCH HOSPITAL.</p>
<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 17.04.2023-28.04.2023 YEDİTEPE UNIVERSITY HOSPITAL 8 gün</p>	<p>THORACIC SURGERY (1,5 WEEK) 02.05.2023-12.05.2023 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL 9 gün</p>		
<p>OBSTETRICS AND GYNECOLOGY (5 WEEKS) 15.05.2023-16.06.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNETRAINING AND RESEARCH HOSPITAL</p>	<p>THORACIC SURGERY (1,5 WEEK) 15.05.2023-24.05.2023 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL/</p>		
	<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 25.05.2023-02.06.2023 YEDİTEPE UNIVERSITY HOSPITAL</p>		
	<p>EMERGENCY MEDICINE (2 WEEKS) 05.06.2023-16.06.2023 YEDİTEPE UNIVERSITY HOSPITAL</p>		

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

ACADEMIC CALENDAR 2022 - 2023

August 31, 2022 (Wednesday)	Beginning of Phase IV
October 19, 2022 (Wednesday)	Coordination Committee Meeting
October 28-29, 2022 (Friday ½ -Saturday)	Republic Day - National Holiday
November 10, 2022 (Thursday)	Commemoration of Atatürk
January 1, 2023 (Sunday)	New Year
January 11, 2023 (Wednesday)	Coordination Committee Meeting (with student participation)
March 14, 2023 (Tuesday)	Physicians' Day
April 23, 2023 (Sunday)	National Holiday
April 21-23, 2023 (Friday- Sunday)	Religious Holiday
May 1, 2023 (Monday)	Labor's Day
May 19, 2023 (Friday)	National Holiday
May 24, 2023 (Wednesday)	Coordination Committee Meeting (with student participation)
June 16, 2023 (Friday)	End of Phase IV
July 03 - 07, 2023 (Monday - Friday)	Incomplete Exams
July 12, 2023 (Wednesday)	Coordination Committee Meeting

STUDENT LIST & GROUPS

GROUP A

1	20190800117	ELMIRA	ABDULLAYEVA
2	20200800013	DİLARA ECREN	ALAEDDİNOĞLU
3	20180800095	SERRA	ALARÇİN
4	20190800036	AYŞE	ARICI
5	20190800073	SEVGİ DEREN	ARSLAN
6	20210800013	ARDA	ARSLAN
7	20210800037	ZEYNEL ADEL	AYCAN
8	20190800035	ALKİM	BÜYÜKAŞIK
9	20200800022	DEFNE	ÇERKEŞ
10	20150800008	ALİ FETİH	ÇETİN
11	20190800087	İDİL	ÇETİN
12	20210800019	METİN	ÇİNÇİN
13	20210800030	KAAN	DEMİR
14	20190800043	KEREM	DULUNDU
15	20180800062	FATMA DİLAY	ESEN
16	20190800100	ÜMIT ENES	GÜLER
17	20190800027	SERHUN TAYLAN	GÜLSOY
18	20180800037	MELİKE	GÜRTEKİN
19	20190800017	SEMA	HAMAD AMEEN
20	20180800085	YAKUP	HANTA
21	20220800045	ECE İLAYDA	HAYIRLIOĞLU
22	20200800016	AHMET ONUR	HIZAN
23	20180800103	HİLAL İZEL	İNCE
24	20190800090	IRMAK	KANLIÇAY
25	20190800058	KEREM	PARLAR
26	20170800121	MAHAMMAD	SHAHBAZOV
27	20190800096	SENA LADİN	SICAKYÜZ
28	20210800020	GÖKTUĞ	TERZİBAŞ
29	20190800078	AHMET KAĞAN	TUYGUN
30	20190800061	YUSUF	YURDSEVER
31	20180800044	EMİR	DOĞAN
32	20180800109	KAAR ARDA	KÖSE
33	20180800003	İSMAİL KAAN	ZEYTİNOĞLU
34	20180800009	AYAH	WAZZAN

GROUP B

1	20190800020	LIYAN	ABU SHETAYYAH
2	20190800013	ALI	ADLI
3	20200800026	BARAN	BARIŞ
4	20180800102	ELİF ASENA	BAŞ
5	20210800160	HORBOD	BIGDELI
6	20180800117	DANIELA	CEDOLIN
7	20190800015	ZEYNEP	ÇOLAKOĞLU
8	20190800112	TOKA	DABOUL
9	20190800088	ZEYNEP	DENİZ
10	20190800025	BİLAL FIKRET	DİŞKAYA
11	20180800081	YAĞMUR NİSA	DÜRSUN
12	20190800127	NURAN	EMBABSHA
13	20190800046	DOĞA	ERGÜN
14	20180800080	NADİN	ESEDOĞLU
15	20180800051	GÖKBERK	GÖKÇE
16	20180800093	DUYGU	GÖKHAN
17	20190800075	MERT YAVUZ	GÜNERİ
18	20190800066	ELİF	GÜRKAN
19	20190800129	JANA	HAMDAN
20	20180800087	ATAKAN	KÜRTÜNLÜ
21	20190800097	ELİF	PAŞALI
22	20190800119	YARA	SAAD OTHMAN
23	20190800099	BORAN	SAYIN
24	20190800104	ASLI AYŞE	TEMURTAŞ
25	20190800085	DORUK	UÇER
26	20210800019	METİN	ÇİNÇİN
27	20220800046	ZEYNEP	ERBAŞ
28	20220800026	DOĞA	GÖKALAN
29	20220800026	HUSNÜ KAAN	PALABIYIK
30	20220800044	ALPEREN	ISSI

GROUP C

1	20190800016	RABİA AYBÜKE	ARIKAN
2	20190800071	BİLGESU	AYDIN
3	20190800055	BERFİN ECE	BİNGÜL
4	20190800093	EGE CELİL	CEVANİ
5	20190800106	AHMET	DOKUR
6	20190800094	ASUDE ZEYNEP	DÖNMEZ
7	20200800141	İRİS ASLI	GÖK
8	20190800021	NİGAR	JAHED
9	20170800018	BARKIN	KAHVECİGİL
10	20200800142	SİDİKA MELİNDİ	KARA
11	20190800105	UMUT	KARADENİZ
12	20180800090	BARIŞ	KARAHAN
13	20200800143	HANDE	KAYMAN
14	20190800069	DOĞAN CAN	KILIÇARSLAN
15	20190800092	TAN	KORAL
16	20190800048	MERVE	LATİFİ
17	20190800067	RAUF KADİR	MAHRAMANLIOĞLU
18	20200800007	EGE TAN	MERİÇ
19	20180800108	ESRA	MUAMMER
20	20190800080	ZEYNEP SU	ÖZKAN
21	20180800111	ADEVİYE	ÖZSOY
22	20210800032	SELİN	PEKÇETİN
23	20190800003	GİZEM	SATIRLI
24	20190800123	RAMİŞ MEHMOOD	ŞAİKH
25	20190800086	KEMAL ANIL	TAÇYILDIZ
26	20180800047	GİZEM	TOPUZ
19	20180800082	EZGİ	YEMŞEN
27	20220800024	EMİR KAN	TOPRAK
28	20220800042	HATİCENUR	KARAHASANOĞLU

GROUP D

1	20190800103	ELIF	ACAR
2	20190800077	FUAT TUNCA	AKCAN
3	20190800004	AYLIN	ATES
4	20190800024	ÇAĞIN	BEKTAŞ
5	20190800109	BUSE EYLÜL	ÇETİN
6	20190800038	BURCU SENA	DEMİRALP
7	20190800072	GÖNÜL ECE	ERK
8	20190800031	DESTİNA	GÜREL
9	20180800034	ÖMER FARUK	İNAN
10	20190800037	KAYRA	KAPRAN
11	20190800068	ALİ YİĞİT	KARAORMAN
12	20190800084	EGEMEN	LAÇIN
13	20200800019	EGEMEN	ÖZBEK
14	20190800063	SELİN İLKE	PEKER
15	20190800034	EYLÜL	PEKİNCE
16	20180800067	MEHMET EMİR	SULAR
17	20190800108	GÖKÇE	TAŞ
18	20190800054	BEGÜM BİLGE	TINAZ
19	20190800083	İRİS	TOPUZ
20	20190800049	ELİF İPEK	UYGUN
21	20190800022	GİZEM	VURAL
22	20190800060	MELİS	VURAL
23	20190800045	ECRE MİRAY	YAPICIOĞLU
24	20180800086	ABDULLAH SAMİ	YASİN
25	20190800052	DENİZ BORA	YAVUZ
26	20180800106	ECE	YILMAZ
27	20160800004	MARIEH	ZAVODI
28	20220800039	BUSE	GÜVENÇ
29	20220800039	AYHAN	ATUG

RECOMMENDED TEXTBOOKS FOR PHASE IV

DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
INTERNAL MEDICINE	<ul style="list-style-type: none"> ■ Harrison's Principles of Internal Medicine Edited by Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo, ■ The Merck Manual of Diagnosis and Therapy. Edited by Porter RS, Kaplan JL ■ Current Opinion in Internal Medicine. Edited by: H David Humes ■ Cecil Medicine. Edited by Lee Goldman, MD and Andrew I. Schafer ■ Handbook of Nephrology & Hypertension Edited by Christopher S. Wilcox, C. Craig Tisher ■ Netter's Gastroenterology. Edited by M Floch ■ Yeditepe Üniversitesi Tıp Fakültesi İç Hastalıkları Semiyoloji Kitabı. Editör Prof Dr. Yaşar Küçükardalı <p style="text-align: center;">INTERNET LINKS:</p> <ul style="list-style-type: none"> ■ www.uptodate.com, ■ http://bestpractice.bmj.com/best-practice/evidence ■ http://www.medicinenet.com/script/main/hp.asp ■ www.accessmedicine.com 		
CHILD HEALTH & PEDIATRICS	■ Nelson Textbook of Pediatrics	Robert M. Kliegman, MD, Bonita M.D. Stanton, MD, Joseph St. Geme, Nina Schor, MD, PhD and Richard E. Behrman, MD	Saunders, 2011
	■ CURRENT Diagnosis Treatment:	(William W. Hay Jr, Myron J. Levin, Robin R. Deterding, Mark J. Abzug, Judith M. Sondheimer)	Lange
GENERAL SURGERY	<ul style="list-style-type: none"> ■ Schwartz's Principles of Surgery, 10th edition ■ Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 19th edition 		
OBSTETRICS & GYNECOLOGY	<ul style="list-style-type: none"> ■ Current Obstetrics and Gynecology, Elsevier Publishing 2015 		

CARDIOVASCULAR SURGERY	■ Cardiac Surgery in the Adult	Cohn L.H., et al	Mc Graw Hill
	■ Cardiac Surgery	Kouchoukos N.T., et al	Churchill Livingstone
	■ Haimovici's Vascular Surgery	Ascher E., et al.	Wiley-Blackwell
CARDIOLOGY	■ Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 2-Volume Set, 10th Edition ■ Marriott's Practical Electrocardiography		
THORASIC SURGERY	■ Thoracic Surgery, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akin Eraslan, Nobel Tip Kitapevleri, ISBN:978-605-335-122-1		
PLASTIC RECONSTRUCTIVE & AESTHETIC	■ Grabb and Smith's Plastic Surgery	Charles H. Thorne MD., et al	LWW
CLINICAL ETHICS	■ Jacques P. Thiroux , Keith W. Krasemann, Ethics: Theory and Practice,Pearson Publishing House, 2011, ISBN: 978-0205053148		
	■ Barbara MacKinnon, Ethics: Theory and Contemporary Issues , Wadsworth Publishing, 2011, ISBN: 0538452838		
	■ Bonnie F. Fremgen, Medical Law and Ethics , Prentice Hall Publishing House, 2011, ISBN: 0132559226		
PUBLIC HEALTH	■ Straus SE, Glasziou P, Richardson WS, Haynes RB. Evidence-based medicine: how to practice and teach it. Fourth Edition 2011. Churchill Livingstone Elsevier.		
	■ Glasziou P, Del Mar C, Salisbury J. Evidence-based Practice Workbook. BMJ Books, Blackwell Publishing, 2007.		
	■ Mayer D. Essential Evidence-based Medicine. Second Edition 2010. Cambridge University Press.		
	■ R. Brian Haynes, David L. Sackett, Gordon H. Guyatt, and Peter Tugwell. Clinical Epidemiology: How to do clinical practice research. Third edition, 2006. Lippincott Williams & Wilkins.		
	■ Howick J. The philosophy of evidence-based medicine. 2011, Blackwell Publishing Ltd.		
■ Greenhalgh T. How to read a paper: the basics of evidence-based medicine. Fourth edition, 2010.BMJ Books			

SPECIFIC SESSIONS / PANELS

Introductory Session

Aim of the session:

The session provides basic information about Yeditepe University Faculty of Medicine Undergraduate Medical Education Program (YUFM/UG-ME) and the educational phase relevant to the students. This session orients the students to the program and the phase.

Objectives of the Session:

1. To provide basic information about the YUFM/UG-ME.
2. To provide basic information about the phase.
3. To provide essential information on social programs and facilities.

Rules of the Session:

1. The session will be held in two types, conducted by Phase Coordinator and Clerkship Coordinators, respectively.
2. The first type will be held once in the first week of the educational phase. The second type will be held at the beginning of each clerkship.
3. Students should attend the session.

Implementation of the Session:

In the first type, Phase Coordinator will present brief information on the following topics:

- Organizational Chart of Yeditepe University Faculty of Medicine Undergraduate Medical Education Program (YUFM/UG-ME), Work Descriptions and Introduction of Clerkships Members,
- Directives on YUFM/UG-ME,
- YUFM/UG-ME Program Outcomes
- Learning Objectives of the Phase
- Academic Program of the Phase
- Teaching and Learning Methods
- Learning Environments and Sources/Resources
- Attendance
- Assessment Procedure
- Grade Point Average, Cumulative Grade Point Average (GPA, cGPA) Calculation
- Pass/Fail Conditions
- Feedback of the Previous Year and Program Improvements
- Social Programs and Facilities

In the second type, Clerkship Coordinator will present brief information on the following topics:

- Learning Objectives of the Clerkship
- Academic Program of the Clerkship
- Teaching and Learning Methods
- Learning Environments and Sources/Resources, References
- Attendance
- Assessment Methods and Question Distribution Table
- Clerkship Score Calculation Method
- Pass/Fail Conditions
- Feedback of the Previous Year and Program Improvements
- Social Programs and Facilities

Clerkship Evaluation Session

Aim of the Session:

The aim of the session is to evaluate the clerkship educational program, with all its components, by the students and the clerkship coordinators. This session will contribute to the improvement of the educational program in general by giving the opportunity to identify the strengths of the clerkship educational program and revealing the areas which need improvement.

Objectives of the Program Evaluation Session are to;

- establish a platform for oral feedbacks in addition to the systematically written feedback forms
- give the opportunity to the students and the coordinators to discuss the clerkship period face to face
- allow the students to review the clerkship exam questions together with faculty members.

Process:

The total duration of the session is 90 minutes and the session consists of two parts. The first part (30 minutes) is dedicated to oral feedback by the students. All of the oral feedback will be recorded and reported by the clerkship coordinator. In the second part (60 minutes) clerkship exam questions will be reviewed and discussed by students and faculty.

Rules of the Clerkship Evaluation Session :

1. The **Clerkship Evaluation Session** will be held on the last day of each clerkship after the clerkship exam.
2. Students are required to attend the session.
3. The Clerkship coordinator will lead the session.
4. The faculty members who had contributed questions in the clerkship exam should attend the session.
5. Students must comply with the feedback rules while giving verbal feedback and all participants shall abide by rules of professional ethics.

Program Improvement Session

Aim:

The aim of this session is sharing the program improvements based on the evaluation of the educational program data, with the students and the faculty members.

Objectives:

1. To share the improvements within educational program with the students and the faculty members.
2. To inform the students and the faculty members about the processes of the program improvement
3. To encourage student participation in the program improvement processes.

Rules:

1. Program improvements session will be implemented once a year. The implementation will be performed at the beginning of the spring semester.
2. Students are required to attend the session.
3. The phase coordinator will monitor the session. If necessary the dean, vice deans and heads of the educational boards will attend to the session.
4. All faculty members will be invited to the session.

Implementation:

Before the Session

1. Phase coordinator will report the results of the improvements of the educational program.
2. The program improvements report has three parts. The first part of the report includes improvements that have been completed, and those that are currently in progress. The second part of the report includes, improvements that are planned in medium term, and the third part of the report includes, improvements that are planned in the long term.
3. The program improvements report also includes the program evaluation data (student feedbacks, faculty feedbacks, results of the educational boards meetings etc.) in use of improvements.

During the Session

4. The phase coordinator will present the program improvements report to the students and the faculty members.
5. Students can ask questions about, and discuss, the results of the program improvement.

Process: The total period of session is 30 minutes and has two parts. The first part (15 minutes) covers, presenting of the program improvement report. The second part (15 minutes) covers, students' questions and discussion.

After the Session

6. The program improvement brief will be published on the website of Yeditepe University Faculty of Medicine (<http://med.yeditepe.edu.tr>).

INDEPENDENT LEARNING

Description:

“Independent learning” is a process, a method and a philosophy of education in which a student acquires knowledge by his or her own efforts and develops the ability for inquiry and critical evaluation. It includes freedom of choice in determining one’s learning objectives, within the limits of a

given project or program and with the aid of a faculty adviser. It requires freedom of process to carry out the objectives, and it places increased educational responsibility on the student for the achieving of objectives and for the value of the goals (1).

Aim:

The aim of this instructional strategy is to develop the students’ ability, to learn individually, so they are prepared for the classroom lessons, lectures, laboratory experiences and clinical practices, exams, professional life and have the abilities needed for lifelong learning.

Objectives:

With this instructional strategy, students will develop;

the skills that will help them to learn independently.

self-discipline in their work habits.

their evidence based research skills by using reliable resources.

their teamwork skills by studying together.

their clinical skills as self-directed working in the clinical skills laboratory.

Rules:

All of the students will define independent learning process according to below algorithm.

All of the students will be required to fill out a form, which is a self-assessment form for the independent learning (methodology: timing, sources, strategy, etc.).

The students’ academic performance and independent learning methodology will be analyzed comparatively, and feed-back on further improvements will be provided.

What a student should do for learning independently?

Analyzing: First you will need to analyze carefully, what your problems and weaknesses are. For example, if you are studying anatomy, is your weak area broadly upper limb, lower limb, or what?

Addressing: Once you've decided your specific problems, you can list them. Which one needs to be addressed urgently? Work out your priorities. Whatever your subject area is, don't be afraid to return to the basics if necessary. It may give you more confidence in the long run to ensure you have a proper understanding of basic concepts and techniques.

Accessing: If you need reliable information, or if you need to read about a subject and put it into context, a textbook may be the best place to start. However, the Internet may be helpful if you need very up-to-date information, specific facts, or an image or video etc. If you need an academic research article, reports or case studies for your topic, then a database (Pubmed etc.) would be the best option.

Timing: In the weekly syllabus you will see, a specific time called “independent learning hour” for your independent work. In addition to these hours, the students should also have their own time schedule for their study time at home.

Planning: Your next step will be to work out a realistic study-plan for your work. What goals could you literally set for yourself? Don't make them too ambitious but set minor goals or targets that you know you will be able to achieve without having to spend a very long time working on them. How many hours will you need to achieve them? How will you know when you've achieved them?

Recording: When you work independently, it's a good idea to keep a written record of the work you've done. This can help with further planning and also give a sense of achievement as well as provide something to include in a progress file. As time goes by you may surprise yourself with what you've been able to achieve. This could motivate you to keep going, as could increase your confidence, and even improve your results

Reflecting: Reflecting on what you've done can help you decide whether the activity was really effective, whether an alternative approach might be better on another occasion, whether you spent the right amount of time and whether you have achieved the target you'd set yourself.

Improving: Once you've achieved the target, the process of planning can start again. Your needs and priorities may have changed, so think about them and then set yourself to another target.

Reminder: For further information about the independent learning, please contact the Department of Medical Education.

Reference:

Candy, P. (1991) *Self-direction for lifelong learning: a comprehensive guide to theory and practice*. San Francisco: Jossey Bass.

For further reading useful resources to recommend to students:

Burnapp, D. (2009). *Getting Ahead as an International Student*. London: Open University Press.

Marshall, L. & Rowland, F. (1998) *A Guide to learning independently*. London: Open University Press.

University of Southampton / UKCISA online resource 'Prepare for Success'

**YEDITEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

ASSESSMENT PROCEDURES

Assessment Approaches, assessment methods and assessment tools that used in Phase IV Clerkship Programs are shown below table.

Assessment Approaches	Assessment Methods	Question Types / Assessment Tools
Knowledge-based Assessment	WE: Written Examination* (Pencil-Paper Tests)	MCQ: Multiple Choice Questions
		EMQ: Extended Matching Questions
		KF: Key Features
		EQ: Essay Questions
	MEQ: Modified Essay Questions	
Competency-based Assessment	OE: Oral Exam	
	SOE: Structured Oral Exam	SOE Checklist
	OSCE: Objective Structured Clinical Examination	OSCE Checklist
Performance-based Assessment	SP: Assessment with Simulated Patients	Evaluation Checklist
	PE: Portfolio Evaluation	PE Checklist
	Logbook	
	DOPS: Direct Observation of Procedural Skills	DOPS Rating Scale
	Mini-CEX: Mini Clinical Evaluation Exercise	Mini-CEX Rating Scale
	Evaluation of Case Presentation	With/Without Checklist
	Evaluation of Student's Seminar	With/Without Checklist
	Evaluation of Preparation Skills of the Patient's File	With/Without Checklist
	Global Evaluation of Student's	With/Without Checklist
	Evaluation of Student's Learning Projects	With Rating Scale

* WEs consists of 50-100 questions.

Detailed Assessment Tables are shown for each clerkship program in related pages of Academic Program Book.

Assessment details also will be announced and explained in the introductory sessions at the beginning of the clerkship

YEDİTEPE UNIVERSITY FACULTY of MEDICINE EXAM RULES

Seating- Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.

Electronics – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.

Absence – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.

Scratch Paper – Students are not allowed to bring scratch paper into the exam room.

Meaning of Questions – Students may not consult the supervisor as to the meaning of any question.

Sign your sheets – Students must sign their multiple-choice answer sheets and/or written-answer sheets.

Other activities requiring disciplinary action- Students must not give or receive assistance of any kind during the exam. Gaining access to exam questions before the exam; • Using an unauthorized calculator or other mechanical aid that is not permitted. • Looking in the exam book before the signal to begin is given. • Marking or otherwise writing on the exam book or answer sheet before the signal to begin is given. • Making any changes, additions, deletions or other marking, erasing or writing on the exam book or answer sheet after the time for the exam has expired. • Having access to or consulting notes or books during the exam. • Looking at or copying from another student's paper. • Enabling another student to copy from one's paper. • Talking or otherwise communicating with another student during the exam or during the read through period. • Disturbing other students during the exam. • Consulting other persons or resources outside the exam room during the exam. • Copying questions or answers either on paper or with an electronic device to take from the exam room. • Taking an exam book or other exam materials from the exam room. • Taking an exam in place of another student. • Arranging to have another person take an exam for the student. • Threatening or verbally abusing a supervisor or proctor responsible for curbing or reporting improper conduct. • Unprofessional and/or unruly behavior towards any YEDİTEPE University staff, supervisors, proctors, or volunteers at any time during the exam. • Disclosing the contents of an exam to any other person. • Failing to remain in the exam room for a given period of time by the supervisors or proctors. • Failing to follow other exam instructions.

Students who assist in or are complicit with cheating could also be in violation of the Policy. Thus, students who become aware of their peers either facilitating academic misconduct or committing it should report their suspicions to exam or test observers for investigation.

Those students found to have committed academic misconduct will face administrative sanctions imposed by the administration of YEDİTEPE University Faculty of Medicine according to the disciplinary rules and regulations of the Turkish Higher Education Council (YÖK) for students: published in the Official Gazette on August 18th, 2012). The standard administrative sanctions include: the creation of a disciplinary record which will be checked by graduate and professional life, result in grade "F" on the assignment, exams or tests or in the class. Students may face suspension and dismissal from the YEDİTEPE University **for up to one school year**. In addition, student may lose any academic and non academic scholarships given by the YEDİTEPE University **for up to four years**. The appropriate sanctions are determined by the YEDİTEPE University administration according to egregiousness of the Policy violation.

CLERKSHIP PROGRAMS (41 WEEKS)

TRANSITION TO CLINICAL SETTINGS (3 days)

INTERNAL MEDICINE (10 weeks)

CHILD HEALTH AND PEDIATRICS (10 weeks)

OBSTETRICS AND GYNECOLOGY (5 weeks)

GENERAL SURGERY (4 weeks)

CARDIOLOGY (2 weeks)

CARDIOVASCULAR SURGERY (2 weeks)

EMERGENCY MEDICINE (2 weeks)

THORACIC SURGERY (1.5 week)

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY (1.5 week)

CLINICAL ETHICS (1 week)

PUBLIC- HEALTH-EVIDENCE BASED MEDICINE (1 week)

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

TRANSITION TO CLINICAL SETTINGS

Clerkship coordinator: Meral Sönmezoğlu, MD, Prof.

Clerkship co-coordinator: Serdar Özdemir, MD, PhD, Assist. Prof.

Lecturers:

Sina Ercan, MD, Prof.

Faruk Yencilek, MD, Prof.

Meral Sönmezoğlu, MD, Prof.

Sezgin Sarıkaya, MD, Prof.

Hatice Türe MD, Prof.

Tuğhan Utku, MD, Prof.

Özlem Tanrıöver, MD, Prof.

Hakan Atalay MD, Assoc. Prof.

Naz Berfu Aktaş MD, Assoc. Prof.

Oğuzhan Zahmacıoğlu, MD, Assoc. Prof.

Serdar Özdemir, MD, PhD, Assist. Prof.

Gözde Polat Dalan, PhD, Assist. Prof.

Gökhan Eren Clinical Pharmacology

AIM AND LEARNING OBJECTIVES OF TRANSITION TO CLINICAL SETTINGS CLERKSHIP

AIM:

In this clerkship which is first in medical education with multidisciplinary Approach relating to have lectures from different disciplinary groups like other faculties and persons, our students in the 4th phase of the program are aimed to be prepared for the clinical studies and develop their interactive communication with their Patients and also to get their hospital orientation which will result in to protect themselves and Patients regarding to infections, emergency conditions at the hospital and to be aware of international Patients safety rules which are also vital for JCI accredited hospital. In addition to these, students are intended to be brought up to the competency level to learn basic communication skills, leadership knowledge and of course to control their career planning for the future as a medical doctor.

LEARNING OBJECTIVES:

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

KNOWLEDGE

explain drug and medicine safety.

explain the risks of emergency conditions and knows the protection of these issues.

explain and clarifies the communication concept.

name and samples the nonverbal communication skills.

identify the empathy.

explain topographic and conditional memorial conditions and processes.

explain ego protection mechanisms.

identify leadership style.

define the correlation between leadership and mission, vision and others.

explain and be aware or personal career management development.

explain the process of coping with difficult patients.

reveal and explains the steps of the breaking bad news process.

SKILLS

1. **make** a comment on his/her personal and their patients cognitive process.

ATTITUDES

value the infection control program.

value the the importance of listening person on the communication.

value the position of the position leadership of medical doctor between staff that works.

ASSESSMENT TABLE FOR TRANSITION TO CLINICAL SETTINGS

This table shows question types and assessment methods/tools used in training program.

Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Student's Learning Projects (With Checklist)	90%
Evaluation of Student's Daily Learning Tasks (With Checklist)	10%
Total	100%

Transition to Clinical Settings Clerkship Program 2022-2023

	Wednesday 31.Aug.2022	Thursday 1.Sep.2022		Friday 2.Sep.2022	
09.30-10.00	Introductory Session Introduction to Clerkship Program <i>Meral Sönmezoğlu, Serdar Özdemir</i>	10.00-10.50	Lecture Understanding Others <i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Okan Taycan, Naz Berfu Aktaş</i>	10.00-10.50	Discussion (Large Group) Solving Cases about Communication in Medicine <i>Gözde Polat Dalan</i>
10.00-10.50	Lecture Quality Improvement and International Patient Safety <i>Meral Sönmezoğlu</i>	11.00-11.50	Lecture Handling Difficult Situations and Difficult Persons <i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Okan Taycan, Naz Berfu Aktaş</i>	11.00-11.50	Meeting with Coordinator of Phase IV <i>Coordinator of Phase IV</i>
11.00-11.50	Lecture Infection Control Program <i>Meral Sönmezoğlu</i>	12.00-12.50	(Large Group) <i>Oğuzhan Zahmacioğlu, Okan Taycan, Hakan Atalay, Naz Berfu Aktaş</i>	12.00-12.30	Reflection Session Explanation of the Learning Project <i>Serdar Özdemir</i>
12.00-12.50	Lecture Drug Safety <i>Anıl Sönmez</i>	14.00-14.50	Lecture & Large Group Discussion Breaking Bad News <i>Tuğhan Utku</i>	14.30-16.00	Panel Examples of Careers in Medicine <i>Sina Ercan (Chair)</i>
15.00-15.50	Lecture Emergency Management <i>Sezgin Sarıkaya</i>	15.00-15.50	Meeting with Head Physician <i>Head Physician of the YU Koşuyolu Hospital</i>		
16.00-16.50	Lecture Introduction to Leadership and Management <i>Hatice Türe</i>				

YEDİTEPE UNIVERSITY
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PHASE IV

INTERNAL MEDICINE CLERKSHIP
LECTURERS

DISCIPLINE	FACULTY
ENDOCRINOLOGY	Fahrettin KELEŞTİMUR, MD Prof. Özlem HALILOĞLU, MD Assoc. Prof.
GASTROENTEROLOGY	Cengiz PATA, MD Prof. Meltem ERGÜN, MD Prof.
HEMATOLOGY	
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof. Mehmet Akif Öztürk, MD Assisted Prof.
MEDICAL ONCOLOGY	Bala Başak ÖVEN, MD Prof. Serkan ÇELİK, MD Assoc. Prof.
RESPIRATORY SYSTEM	Banu Musaffa SALEPÇİ, MD Prof. Seha AKDUMAN, MD,
NEPHROLOGY	Gülçin KANTARCI, MD Prof. Abdullah ÖZKÖK, MD Prof.
RHEUMATOLOGY	Müge BIÇAKÇIĞİL KALAYCI, MD Prof.
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	Refik DEMİRTUNÇ, MD Prof. Funda TÜRKMEN, MD Prof.

AIM AND LEARNING OBJECTIVES OF INTERNAL MEDICINE CLERKSHIP

Aim of this clerkship is to equip students with necessary knowledge, skills and attitudes required for an appropriate Approach to healthy and sick adults, convey necessary knowledge on preventive healthcare measures. This clerkship also aimed to provide students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults and to perform primary care prophylaxis and treatment,

LEARNING OBJECTIVES

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

KNOWLEDGE:

Employs a patient-centered approach in patient management.	1.1.2.
Describe and explain the presentation, pathophysiology, clinical and laboratory features of common acute, chronic and emergency clinical conditions which pose high risk for individuals or community health, and list differential diagnoses of common disorders	1.1.3
List required procedures and investigations for the diagnosis and follow-up of patients	1.1.7
Employs diagnostic procedures that are used frequently at the primary health care level. Selects tests that have evidence-based high efficacy at the primary health care level and interprets results	1.1.7, 1.1.8
Describe the management of common disorders	1.1.11

SKILLS

Obtain an appropriate history of patients. Take detailed questioning intended to explicate reasons of complaints	1.1.2, 1.1.4
Perform proper physical examination	1.1.5
Use diagnostic methods (laboratory and imaging techniques, other invasive or non-invasive methods) correctly and cost-efficiently	1.1.7, 1.1.8, 1.1.9
Perform minor medical interventions and applications (blood collection, i.v. or i.m. injection, catheterization, capillary blood glucose testing, ECG, etc.)	1.1.7
Interpret clinical and laboratory data	1.1.7, 1.1.8
Refer patients to advanced healthcare units when indicated	1.2.2, 1.1.9
Manage common disorders and emergency cases	1.1.9, 1.1.11
Use written and online sources correctly and efficiently to access evidence-based information	3.1.1, 3.1.2

ATTITUDES

Demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff	1.2.2, 1.2.3,
Show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition	1.2.3, 1.2.4, 2.2.2, 2.5.2
Communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team	1.2.1, 1.2.2

NCC 2014 – Essential Medical Procedures (Internal Medicine)	Performance Level
General and symptom-based history taking	3
Assessing mental status	3
Anthropometric measurements	4
Head-Neck and ENT examination	3
Abdominal physical examination	3
Skin examination	3
General condition and vital signs assessment	4
Musculoskeletal system examination	3
Respiratory system examination	3
Cardiovascular system examination	3
Urologic examination	2
Preparing medical reports and notice	2
Preparing forensic report	2
Preparing epicrisis	3
Preparing patient file	3
Obtaining informed consent	2
Writing prescription	2
Reading and evaluating direct radiographs	2
Taking and evaluating ECG	2
Measuring blood glucose level with glucometry	3
Filling laboratory request form	2
Preparation and evaluation of peripheral blood smear	2
Performing full urine analysis (including microscopic examination) and evaluation	2
Interpretation of screening and diagnostic examination results	2
Rational drug use	2
Performing IM, IV, SC, ID injection	2
Urinary catheterization	2
Taking sample for culture	3
Nasogastric catheterization	2
Evaluating pulmonary function tests	2
Establishing IV line	2
Measuring blood pressure	4
Performing and assessing pulse oxymetry	2
Providing basic life support	2
Using and evaluating peak-flow meter	2

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**INTERNAL MEDICINE CLERKSHIP
ASSESSMENT TABLE**

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	36%
Extended Matching Questions	4%
Total	40%
Other Assessment Methods and Tools	Proportion
Structured Oral Exam (OE)	50%
Logbook & Direct Observation of Procedural Skills (DOPS)	10%
Evaluation of Case Presentation (With Checklist)	
Evaluation of Preparation Skills of Patient's File (With Checklist)	
Global Evaluation of Student's Performance (With Checklist)	
Total	60 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	40%
Other Assessment Methods and Tools	60%
Total	100 %

Incomplete exam: Structured Oral Exam:100%

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP A
19.09.2022-25.11.2022
GROUP A- WEEK 1/ September 19-23,2022 (Kozyatağı)

	Monday 19-Sep-2022	Tuesday 20-Sep-2022	Wednesday 21-Sept-2022	Thursday 22-Sep-2022	Friday 23-Sep-2022
10.00 -10:45	Introductory Session Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
11.00 – 11.45	Lecture Taking History <i>M. Akif Öztürk</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach To Patient with Diarrhea <i>Meltem Ergün</i>
12.00 - 13.30					
13.30 - 14.15	Lecture Examination of the abdomen <i>Meltem Ergün</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Cushing's Syndrome <i>Özlem Haliloğlu</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Male Gonadal Diseases <i>Özlem Haliloğlu</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.10-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 2 / September 26-30, 2022 (Kozyatağı)

	Monday 26-Sep-2022	Tuesday 27-Sep-2022	Wednesday 28-Sept-2022	Thursday 29-Sep-2022	Friday 30-Sep-2022
10.00 -10:45	Lecture Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Hyperthyroidism <i>Özlem Haliloğlu</i>	Lecture Management of Hyperlipidemia <i>M. Akif Öztürk</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
11.00 – 11.45	Lecture Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
12.00 - 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Hyperparathyroidism <i>Özlem Haliloğlu</i>	Lecture Hypothyroidism <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25 - 15.10	Lecture Adrenal Insufficiency <i>Özlem Haliloğlu</i>	Lecture Hypoparathyroidism <i>Özlem Haliloğlu</i>	Lecture Metabolic Syndrome <i>Özlem Haliloğlu</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 3 / October 3-7, 2022 (3 Oct.2022-Kozyatağı, 4-7 October-Koşuyolu)

	Monday 3-Oct-2022	Tuesday 4-Oct-2022	Wednesday 5-Oct-2022	Thursday 6-Oct-2022	Friday 7-Oct-2022
10.00 -10.45	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>	Lecture Colorectal Cancer <i>Bala Başak Öven</i>	Lecture Management of Cancer Pain <i>Bala Başak Öven</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
10.55 - 11.40	Lecture Sepsis and Septic Shock <i>M. Akif Öztürk</i>	Lecture Lung Cancer <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
12.00 - 13.30			Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Breast Cancer <i>Bala Başak Öven</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> <i>(Lecturer: Abdullah Özkök)</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i> <i>(Lecturer: Abdullah Özkök)</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Oncologic Emergencies <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> <i>(Lecturer: Abdullah Özkök)</i>	Case Discussion Nephrology <i>Gülçin Kantarcı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 4 / 10-14 October 2022 (Koşuyolu)

	Monday 10-Oct-2022	Tuesday 11-Oct-2022	Wednesday 12-Oct-2022	Thursday 13-Oct-2022	Friday 14-Oct-2022
10.00 -10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Bone Marrow Failure (TBA)
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Plasma Cell Dyscrasias (TBA)
12.00- 13.30		Lunch	Lunch	Lunch	Lunch
13.30- 14.15	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Acute and Chronic Leukemias (TBA)	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas (TBA)
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Diagnosis and Management of Hypercoagulopathy (TBA)	Lecture Acute and Chronic Leukemias (TBA)	Lecture Stem Cell Transplantation (TBA)
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 5 / 17-21 October 2022 (Koşuyolu- HTRH)

	Monday 17-Oct-2022	Tuesday 18-Oct-2022	Wednesday 19-Oct-2022	Thursday 20-Oct-2022	Friday 21-Oct-2022
10.00 -10.45	Lecture Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Özlem Haliloğlu</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>Bala Başak Öven</i>			
12.00- 13.30	Lunch				
13.30- 14.15	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Hematology <i>(TBA)</i>			
14.25 - 15.10	Case Discussion Chest Diseases <i>Seha Akduman</i>				
15:10- 17:00	Independent Learning	Independent Learning			
17.00 – 18.00			Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 6 / 24 - 28 October(HTRH)

	Monday 24-Oct-2022	Tuesday 25-Oct-2022	Wednesday 26-Oct-2022	Tuesday 27-Oct-2022	Friday 28-Oct-2022
08:00- 12:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
12:00-17:00					National Holiday Independent Learning
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

GROUP A- WEEK 7 / 31 October - 4 November 2022 (HTRH)

	Monday 31-Oct-2022	Tuesday 1-Nov-2022	Wednesday 2-Nov-2022	Tuesday 3-Nov-2022	Friday 4-Nov-2022
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 8 / 07 - 11 November 2022 (HTRH)

	Monday 07-Nov-2022	Tuesday 08-Nov-2022	Wednesday 9-Nov-2022	Tuesday 10-Nov-2022	Friday 11-Nov-2022
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 9 / 14 - 18 November 2022 (HTRH)

	Monday 14-Nov-2022	Tuesday 15-Nov-2022	Wednesday 16-Nov-2022	Tuesday 17-Nov-2022	Friday 18-Nov-2022
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 10 / 21 November – 25 November 2022

	Monday 21-Nov-2022	Tuesday 22-Nov-2022	Wednesday 23-Nov-2022	Thursday 24.-Nov-2022	Friday 25-Nov-2022
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session Kozyatagi Hospital	Independent Learning	Oral Examination
10.55 - 11.40					
12.00- 13.30			Lunch		
13.30- 14.15			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program		
14.25 - 15.10			Independent Learning		
15.10 – 18.00					

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP B

28.11.2022-03.02.2023

GROUP B- WEEK 1/ 28. November - 02. December,2022 (Kozyatağı)

	Monday 28-Nov-2022	Tuesday 29-Nov-2022	Wednesday 30-Nov-2022	Thursday 01-Dec-2022	Friday 02-Dec-2022
10.00 -10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
10.10 – 10:50	Lecture Taking History <i>M. Akif Öztürk</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach To Patient with Diarrhea <i>Meltem Ergün</i>
12.00 - 13.30					
13.30 - 14.15	Lecture Examination of the abdomen <i>Meltem Ergün</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Cushing's Syndrome <i>Özlem Haliloğlu</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Male Gonadal Diseases <i>Özlem Haliloğlu</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.10-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 2 / 05-09 December, 2022 (Kozyatağı)

	Monday 05-Dec-2022	Tuesday 06-Dec-2022	Wednesday 07-Dec-2022	Thursday 08-Dec-2022	Friday 09-Dec-2022
10.00 -10:10	Lecture Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Hyperthyroidism <i>Özlem Haliloğlu</i>	Lecture Management of Hyperlipidemia <i>M. Akif Öztürk</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
12.00 - 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Hyperparathyroidism <i>Özlem Haliloğlu</i>	Lecture Hypothyroidism <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25 - 15.10	Lecture Adrenal Insufficiency <i>Özlem Haliloğlu</i>	Lecture Hypoparathyroidism <i>Özlem Haliloğlu</i>	Lecture Metabolic Syndrome <i>Özlem Haliloğlu</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 3 / December 12-16, 2022 (12.Dec.2022-Kozyatağı, 13-16 Dec.2022- Koşuyolu)

	Monday 12-Dec-2022	Tuesday 13-Dec-2022	Wednesday 14-Dec-2022	Thursday 15-Dec-2022	Friday 16-Dec-2022
10.00 -1 0.45	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>	Lecture Colorectal Cancer <i>Bala Başak Öven</i>	Lecture Management of Cancer Pain <i>Bala Başak Öven</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
10.55 - 11.40	Lecture Sepsis and Septic Shock <i>M. Akif Öztürk</i>	Lecture Lung Cancer <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
12.00 - 13.30			Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Breast Cancer <i>Bala Başak Öven</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Oncologic Emergencies <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Case Discussion Nephrology <i>Gülçin Kantarcı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 4 / 19-23 December 2022 (Koşuyolu)

	Monday 19-Dec-2022	Tuesday 20-Dec-2022	Wednesday 21-Dec-2022	Thursday 22-Dec-2022	Friday 23-Dec-2022
10.00 -10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Bone Marrow Failure (TBA)
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Plasma Cell Dyscrasias (TBA)
12.00- 13.30		Lunch	Lunch	Lunch	Lunch
13.30- 14.15	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Acute and Chronic Leukemias (TBA)	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas (TBA)
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Diagnosis and Management of Hypercoagulopathy (TBA)	Lecture Acute and Chronic Leukemias (TBA)	Lecture Stem Cell Transplantation (TBA)
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 5 / 26-30 December 2022 (Koşuyolu- HTRH)

	Monday 1 26-Dec-2022	Tuesday 27-Dec-2022	Wednesday 28-Dec-2022	Thursday 29-Dec-2022	Friday 30-Dec-2022
10.00 -10.45	Lecture Approach to the Patient with Pulmonary System Sytoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Özlem Haliloğlu</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>Bala Başak Öven</i>			
12.00- 13.30	Lunch				
13.30- 14.15	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Hematology <i>(TBA)</i>			
14.25 - 15.10	Case Discussion Chest Diseases <i>Seha Akduman</i>				
15:10- 17:00					
17.00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 6 / 02 - 06 January, 2023 (HTRH)

	Monday 02- Jan-2023	Tuesday 03-Jan-2023	Wednesday 04-Jan-2023	Tuesday 05-Jan-2023	Friday 06-Jan-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 7 / 09-13 January 2023 (HTRH)

	Monday 09-Jan-2023	Tuesday 10-Jan-2023	Wednesday 11-Jan-2023	Tuesday 12-Jan-2023	Friday 13-Jan-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 8 / 16 – 20 January 2023 (HTRH)

	Monday 16-Jan-2023	Tuesday 17-Jan-2023	Wednesday 18-Jan-2023	Tuesday 19-Jan-2023	Friday 20-Jan-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 9 / 23 – 27 January 2023 (HTRH)

	Monday 23-Jan-2023	Tuesday 24-Jan-2023	Wednesday 25-Jan-2023	Tuesday 26-Jan-2023	Friday 27-Jan-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 10 / 30 January-03 February 2023

	Monday 30-January-2023	Tuesday 31-Jan-2023	Wednesday 01-Feb-2023	Thursday 02-Feb-2023	Friday 03-Feb-2023
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session Kozyatagi Hospital	Independent Learning	Oral Examination
10.55 - 11.40					
12.00- 13.30			Lunch		
13.30- 14.15			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program		
14.25 - 15.10			Independent Learning		
15.10 – 18.00					

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP C 23.01.2023-31.03.2023
GROUP C- WEEK 1/ 23-27 January,2023 (Kozyatağı)

	Monday 23-Jan-2023	Tuesday 24-Jan-2023	Wednesday 25-Jan-2023	Thursday 26-Jan-2023	Friday 27-Jan-2023
10.00 -10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
10.10 – 10:50	Lecture Taking History <i>M. Akif Öztürk</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach To Patient with Diarrhea <i>Meltem Ergün</i>
12.00 - 13.30					
13.30 - 14.15	Lecture Examination of the abdomen <i>Meltem Ergün</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Cushing's Syndrome <i>Özlem Haliloğlu</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Male Gonadal Diseases <i>Özlem Haliloğlu</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.10-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 2 / 30 January- 3 February, 2023 (Kozyatağı)

	Monday 30. Jan.-2023	Tuesday 31-Jan-2023	Wednesday 01-Feb.-2023	Thursday 02-Feb-2023	Friday 03-Feb-2023
10.00 -10:10	Lecture Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Hyperthyroidism <i>Özlem Haliloğlu</i>	Lecture Management of Hyperlipidemia <i>M. Akif Öztürk</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
12.00 - 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Hyperparathyroidism <i>Özlem Haliloğlu</i>	Lecture Hypothyroidism <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25 - 15.10	Lecture Adrenal Insufficiency <i>Özlem Haliloğlu</i>	Lecture Hypoparathyroidism <i>Özlem Haliloğlu</i>	Lecture Metabolic Syndrome <i>Özlem Haliloğlu</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 3 / February 06-10, 2023 (06.February-Kozyatağı, 07-10 February, Koşuyolu)

	Monday 06-Feb-2023	Tuesday 07-Feb-2023	Wednesday 08-Feb-2023	Thursday 09-Feb-2023	Friday 10-Feb-2023
10.00 -1 0.45	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>	Lecture Colorectal Cancer <i>Bala Başak Öven</i>	Lecture Management of Cancer Pain <i>Bala Başak Öven</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
10.55 - 11.40	Lecture Sepsis and Septic Shock <i>M. Akif Öztürk</i>	Lecture Lung Cancer <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
12.00 - 13.30			Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Breast Cancer <i>Bala Başak Öven</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Oncologic Emergencies <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Bala Başak Öven</i> (Lecturer: Serkan Çelik)	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Case Discussion Nephrology <i>Gülçin Kantarcı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 4 / 13-17 February 2023 (Koşuyolu)

	Monday 13-Feb-2023	Tuesday 14-Feb-2023	Wednesday 15-Feb-2023	Thursday 16-Feb-2023	Friday 17-Feb-2023
10.00 -10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Bone Marrow Failure (TBA)
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)	Lecture Plasma Cell Dyscrasias (TBA)
12.00- 13.30		Lunch	Lunch	Lunch	Lunch
13.30- 14.15	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Acute and Chronic Leukemias (TBA)	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas (TBA)
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Diagnosis and Management of Hypercoagulopathy (TBA)	Lecture Acute and Chronic Leukemias (TBA)	Lecture Stem Cell Transplantation (TBA)
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 5 / 20-24 February 2023 (20-21. Feb-Koşuyolu, 22 Feb- Kozyatağı, 23-24 Feb-HTRH)

	Monday 1 20-Feb-2023	Tuesday 21-Feb-2023	Wednesday 22-Feb-2023	Thursday 23-Feb-2023	Friday 24-Feb-2023
10.00 -10.45	Lecture Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Özlem Haliloğlu</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>Bala Başak Öven</i>			
12.00- 13.30	Lunch	Lunch			
13.30- 14.15	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Hematology <i>(TBA)</i>			
14.25 - 15.10	Case Discussion Chest Diseases <i>Seha Akduman</i>				
15:10- 17:00	Independent Learning	Independent Learning			
17.00 – 18.00			Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 6 / 27.February - 03 March, 2023 (HTRH)

	Monday 27- Feb-2023	Tuesday 28-Feb-2023	Wednesday 01-March-2023	Tuesday 02-March-2023	Friday 03-March-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 7 / 06-10 March 2023 (HTRH)

	Monday 06-March-2023	Tuesday 07-March-2023	Wednesday 08-March-2023	Tuesday 09-March-2023	Friday 10-March-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 8 / 13-17 March 2023 (HTRH)

	Monday 13-March-2023	Tuesday 14-March-2023	Wednesday 15-March-2023	Tuesday 16-March-2023	Friday 17-March-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 9 / 20-24 March 2023 (HTRH)

	Monday 20-March-2023	Tuesday 21-March-2023	Wednesday 22-March-2023	Tuesday 23-March-2023	Friday 24-March-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 10 / 27-31 March 2023

	Monday 27.March-2023	Tuesday 28.March-2023	Wednesday 29.March-2023	Thursday 30.March-2023	Friday 31-April-2023
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session Kozyatagi Hospital	Independent Learning	Oral Examination
10.55 - 11.40					
12.00- 13.30			Lunch		
13.30- 14.15			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program		
14.25 - 15.10			Independent Learning		
15.10 – 18.00					

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP D
03.04.2023-16.06.2023
GROUP D - WEEK 1 April 03-07,2023 (Kozyatağı)

	Monday 03-Apri-2023	Tuesday 04-Apri-2023	Wednesday 05-Apri-2023	Thursday 06-Apri-2023	Friday 07-Apri-2023
10.00 -10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
10.10 – 10:50	Lecture Taking History <i>M. Akif Öztürk</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach To Patient with Diarrhea <i>Meltem Ergün</i>
12.00 - 13.30					
13.30 - 14.15	Lecture Examination of the abdomen <i>Meltem Ergün</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Cushing's Syndrome <i>Özlem Haliloğlu</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritits) <i>Müge Bıçakçığıl Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Male Gonadal Diseases <i>Özlem Haliloğlu</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.10-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 2 / April 10-14, 2023 (Kozyatağı)

	Monday 10-Apri-2023	Tuesday 11-Apri-2023	Wednesday 12-Apri-2023	Thursday 13-Apri-2023	Friday 14-Apri-2023
10.00 -10:10	Lecture Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Hyperthyroidism <i>Özlem Haliloğlu</i>	Lecture Management of Hyperlipidemia <i>M. Akif Öztürk</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	Lecture Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
12.00 - 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Hyperparathyroidism <i>Özlem Haliloğlu</i>	Lecture Hypothyroidism <i>Özlem Haliloğlu</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25 - 15.10	Lecture Adrenal Insufficiency <i>Özlem Haliloğlu</i>	Lecture Hypoparathyroidism <i>Özlem Haliloğlu</i>	Lecture Metabolic Syndrome <i>Özlem Haliloğlu</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 3 / April 17-21, 2023 (17.April-Kozyatağı, 18-20.April-Koşuyolu)

	Monday 17-April-2023	Tuesday 18-April-2023	Wednesday 19-April-2023	Thursday 20-April-2023	Friday 21-April-2023
10.00 -1 0.45	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>	Lecture Colorectal Cancer <i>Bala Başak Öven</i>	Lecture Management of Cancer Pain <i>Bala Başak Öven</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	RELIGIOUS HOLIDAY
10.55 - 11.40	Lecture Sepsis and Septic Shock <i>M. Akif Öztürk</i>	Lecture Lung Cancer <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	
12.00 - 13.30			Lunch	Lunch	
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Breast Cancer <i>Bala Başak Öven</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	RELIGIOUS HOLIDAY	
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Oncologic Emergencies <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Bala Başak Öven</i> <i>(Lecturer: Serkan Çelik)</i>		
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning		

GROUP D - WEEK 4 / 24-28 April 2023 (Koşuyolu)

	Monday 24-April-2023	Tuesday 25-April-2023	Wednesday 26-April-2023	Thursday 27-April-2023	Friday 28-April-2023
10.00 -10.45	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>
10.55 - 11.40	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i> (Lecturer: Abdullah Özkök)	Case Discussion Nephrology <i>Gülçin Kantarcı</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Diagnosis and Management of Hypercoagulopathy (TBA)
12.00- 13.30		Lunch	Lunch	Lunch	Lunch
13.30- 14.15	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)
14.25 - 15.10	Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (TBA)
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 5 / 02-05 May 2023 (Koşuyolu)

	Monday 01-May-2023	Tuesday 02-May-2023	Wednesday 03-May-2023	Thursday 04-May-2023	Friday 05-May-2023
10.00 -10.45	NATIONAL HOLIDAY	Lecture Acute and Chronic Leukemias <i>(TBA)</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>(TBA)</i>	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Özlem Haliloğlu</i>
10.55 - 11.40		Lecture Acute and Chronic Leukemias <i>(TBA)</i>	Lecture Stem Cell Transplantation <i>(TBA)</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>	
12.00- 13.30		Lunch	Lunch	Lunch	Lunch
13.30- 14.15		Lecture Bone Marrow Failure <i>(TBA)</i>	Lecture Approach to the Patient with Pulmonary System Sytoms and Signs <i>Seha Akduman</i>	Case Discussion Oncology <i>Bala Başak Öven</i>	Independent Learning
14.25 - 15.10		Lecture Plasma Cell Dyscrasias <i>(TBA)</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Hematology <i>(TBA)</i>	
15.30- 18.00		Independent Learning	Independent Learning	Independent Learning	

GROUP D - WEEK 6 / 08 – 12 May 2023 (HTRH)

	Monday 08-May-2023	Tuesday 09-May-2023	Wednesday 10-May-2023	Tuesday 11-May-2023	Friday 12-May-2023
10.00 -10.45	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40					
12.00- 13.30					
13.30- 14.15					
14.25 - 15.10					
15:10- 17:00					
17.00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 7 / 15-19 May 2023 (HTRH)

	Monday 15-May-2023	Tuesday 16-May-2023	Wednesday 17-May-2023	Tuesday 18-May-2023	Friday 19-May-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	NATIONAL HOLIDAY
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

GROUP D - WEEK 8 / 22 - 26 May 2023 (HTRH)

	Monday 22-May-2023	Tuesday 23-May-2023	Wednesday 24-May-2023	Tuesday 25-May-2023	Friday 26-May-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 9 / 29 May-02 June , 2023 (HTRH)

	Monday 29-May-2023	Tuesday 30-May-2023	Wednesday 31-May-2023	Tuesday 01-June-2023	Friday 02-June-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 10 / 05-09 June 2023 (HTRH)

	Monday 05. June-2023	Tuesday 06-June-2023	Wednesday 07-June-2023	Tuesday 08-June-2023	Friday 09-June-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 11 / 12-16 June 2023

	Monday 12-June-2023	Tuesday 13-June-2023	Wednesday 14-June-2023	Thursday 15-June-2023	Friday 16-June-2023
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session Kozyatagi Hospital	Independent Learning	Oral Examination
10.55 - 11.40				Independent Learning	
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	
13.30- 14.15	Independent Learning	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program	Independent Learning	
14.25 - 15.10			Independent Learning	Independent Learning	
15.10 – 18.00			Independent Learning	Independent Learning	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CHILD HEALTH and PEDIATRICS
YEDİTEPE UNIVERSITY HOSPITAL**

Hülya Sarıçoban, MD. Prof. (Head of the Department)

Filiz Bakar, MD. Prof.

Sabri Kemahlı, MD. Prof.

Haluk Topaloğlu, MD. Prof.

Elif Sağsak, MD. Assist. Prof.

Mustafa Berber, MD. Assist. Prof.

Çetin Timur, MD. Assist. Prof.

Endi Romano, MD. Assist. Prof.

Seyhan Perihan Çobanoğlu Saf, MD. Assist. Prof.

Coşkun Saf, MD. Assist. Prof.

Nevin Yalman, MD. Assist. Prof.

Asım Yörük, MD. Assist. Prof.

Çiğdem Yanar Ayanoğlu, MD. Lecturer

Fatma Tülin Şimşek, MD. Lecturer

Burçin Yorgancı, MD. Lecturer

Büşra Çağlar, MD. Lecturer

Bilge Atlı, MD. Lecturer

Erdem Toprak, MD. Lecturer

İsmet Düşmez, MD. Lecturer

&

**MINISTRY OF HEALTH
İSTANBUL ÜMRANİYE TRAINING AND RESEARCH HOSPITAL**

AIM AND LEARNING OBJECTIVES OF PEDIATRICS

AIM

Aim of this clerkship is to;

1. **equip** students *with* necessary knowledge, skills and attitudes required for an appropriate Approach to healthy child and pediatric Patient,
2. **convey** necessary knowledge on preventive healthcare measures,
3. **equip** students *with* necessary knowledge, skills and attitudes required for *achieving* diagnosis and differential diagnosis in basic childhood diseases,
4. **equip** students *with* necessary knowledge, skills and attitudes required to perform primary care prophylaxis and treatment
5. **equip** students *with* necessary knowledge, skills and attitudes to refer Patient to advanced healthcare units upon indication

LEARNING OBJECTIVES

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

KNOWLEDGE

1. **describe** the growth and development from birth throughout childhood (physical, physiologic, and psychosocial) and its clinical application
2. **describe** the presentation, pathophysiology, clinical and laboratory features of common pediatric acute and chronic disorders
3. **list** required procedures and investigations for the diagnosis and follow-up of pediatric patients
4. **describe** the initial steps of stabilization of newborns
5. **describe** the management of common pediatric disorders
6. **describe** the childhood immunization schedule
7. **describe** the nutritional requirements and principles of nutrition for infants and children

SKILLS

8. **obtain** an appropriate history of patients and families as necessary
9. **perform** proper physical examination in newborns, infants and children considering special features related to age
10. **assess** physical-motor-mental development of children
11. **perform** basic clinical procedures and interventions
12. **provide** basic life support to neonates and children
13. **obtain** required samples for laboratory investigations
14. **interpret** clinical and laboratory data
15. **perform** required vaccinations
16. **prepare** nutrition plan for infants and children
17. **provide** a prioritized problem list
18. **manage** common pediatric disorders and emergency cases
19. **present** patients clearly by written and oral means
20. **refer** patients to advanced healthcare units when indicated
21. **use** written and online sources correctly and efficiently to access evidence-based information

ATTITUDES

22. **respect** and **understand** of the roles, responsibilities and relationship of primary care and specialty care providers
23. **demonstrate** interpersonal skills and professionalism in relations with patients, families and healthcare staff
24. **show** respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
25. **communicate** and **collaborate** effectively with colleagues, teaching staff and other members of the healthcare team

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	40%
Total	40 %
Other Assessment Methods and Tools	Proportion
Structured Oral Exam (OE)	40%
Objective Structured Clinical Exam (OSCE)	18%
Logbook	2%
Total	60 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	40%
Other Assessment Methods and Tools	60%
Total	100 %

PEDIATRICS- Group B WEEK I / 19-23 September 2022

	Monday 19-Sep-2022 (Kozyatağı)	Tuesday 20-Sep-2022 (Koşuyolu)	Wednesday 21-Sep-2022 (Koşuyolu)	Thursday 22-Sep-2022 (Koşuyolu)	Friday 23-Sep-2022 (Kozyatağı)
09.00- 09:50	Lecture Introduction to Pediatrics <i>Hülya Sarıçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	Lecture History Taking <i>Filiz Bakar</i>	Lecture Gastrointestinal and Genitourinary Tract Examination <i>Meltem Uğraş</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Urinalysis and other Body Fluids <i>Jale Çoban</i>
10.00- 10.50	Lecture Respiratory System Examination <i>Hülya Sarıçoban</i>	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
11.00-11.50	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	Lecture Upper Respiratory Tract Infections <i>Coşkun Saf</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Sepsis and Meningococemia <i>Tülin Şimşek</i> <i>Perihan Saf</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Neurological Examination <i>Haluk Topaloğlu</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>
14.00- 14.50	Lecture Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Perinatal Asphyxia, Cerebral Palsy <i>Haluk Topaloğlu</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK II / 26-30 September 2022

	Monday 26-Sep-2022 (Koşuyolu)	Tuesday 27-Sep-2022 (Kozyatağı)	Wednesday 28-Sep-2022 (Kozyatağı)	Thursday 29-Sep-2022 (Koşuyolu)	Friday 30-Sep-2022 (Kozyatağı)
09.00- 09:50	Lecture Immunization Principles and Vaccination-1 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatic Basic and Advanced Life Support <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Coşkun Saf</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>
10.00- 10.50	Lecture Immunization Principles and Vaccination-2 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatic Assessment in Pediatic Emergency Department <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Malnutrition and Obesity <i>Meltem Uğraş</i>
11.00-11.50	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>	Lecture Nephrotic Syndrome <i>Coşkun Saf</i>	Lecture Şok <i>Çiğdem Yanar</i> <i>Perihan Saf</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Infections of Central Nervous System <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Congenital Hypothyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>	Lecture Hyperparathyroidis m,Hypoparathyroidi sm <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>
14.00- 14.50	Lecture Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>	Lecture Calcium Metabolism <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>
15.00- 15.50	Independent Learning	Practice (Vital Signs) <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Independent Learning	Practice (Growth and Development) <i>Elif Sağsak</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK III / 03-07 October 2022

	Monday 03-Oct-2022 (Koşuyolu)	Tuesday 04-Oct-2022 (Kozyatağı)	Wednesday 05-Oct-2022 (Kozyatağı)	Thursday 06-Oct-2022 (Koşuyolu)	Friday 07-Oct-2022 (Kozyatağı)
09.00- 09:50	Lecture Congestive Heart Failure <i>Coşkun Saf</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10:50	Lecture Diseases of Myocardium and Pericardium <i>Coşkun Saf</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı Filiz Bakar</i>
11.00-11:50	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Independent Learning	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Nevin Yalman Çetin Timur</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı Filiz Bakar</i>
12.00- 12:50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13:50	Lecture Intoxications <i>Tülin Şimşek Coşkun Saf</i>	Lecture Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	Lecture Asthma <i>Hülya Sarıçoban</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14:50	Lecture Respiratory Failure <i>Tülin Şimşek Coşkun Saf</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Independent Learning	Lecture Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
15.00- 15:50	Independent Learning	Lecture Maculopapuler and Vesicular Diseases <i>İsmet Düşmez Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK IV / 10-14 October 2022

	Monday 10-Oct-2022 (Kozyatağı)	Tuesday 11-Oct-2022 (Kozyatağı)	Wednesday 12-Oct-2022 (Kozyatağı)	Thursday 13-Oct-2022 (Koşuyolu)	Friday 14-Oct-2022 (Koşuyolu)
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Lecture Viral Paralytic Diseases <i>Bilge Atlı</i> <i>Haluk Topaloğlu</i>	Lecture Congenital Heart Diseases-1 <i>Büşra Çağlar</i> <i>Coşkun Saf</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Lecture Lower Respiratory Tract Infections <i>Perihan Saf</i>	Lecture Acute and Chronic Renal Failure <i>Bilge Atlı</i> <i>Perihan Saf</i>	Lecture Congenital Heart Diseases-2 <i>Büşra Çağlar</i> <i>Coşkun Saf</i>
11.00-11.50	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Inborn Errors of Metabolism-1 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Practice (Immunization) <i>Büşra Çağlar</i> <i>Coşkun Saf</i>
12.00- 12.50	Lunch	Lecture Inborn Errors of Metabolism-2 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	Lunch	Lunch
13.00- 13.50	Lecture Hypertension <i>Çiğdem Yanar</i> <i>Elif Sağsak</i>	Lunch	Lunch	Lecture Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	Lecture Tuberculosis <i>Coşkun Saf</i>
14.00- 14.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar</i> <i>Elif Sağsak</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	Lecture Tetanus, Diphtheria, Mumps and Pertussis <i>Burçin Yorgancı</i> <i>Perihan Saf</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	Practice (Chest X-ray Evaluation) <i>Coşkun Saf</i>
15.00- 15.50	Lecture Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK V / 17-21 October 2022

	Monday 17-Oct-2022	Tuesday 18-Oct-2022	Wednesday 19-Oct-2022	Thursday 20-Oct-2022	Friday 21-Oct-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VI / 24-28 October 2022

	Monday 24-Oct-2022	Tuesday 25-Oct-2022	Wednesday 26-Oct-2022	Tuesday 27-Oct-2022	Friday 28-Oct-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VII / 31 October-4 November 2022

	Monday 31-Oct-2022	Tuesday 1-Nov-2022	Wednesday 2-Nov-2022	Tuesday 3-Nov-2022	Friday 4-Nov-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VIII / 7-11 November 2022

	Monday 7-Nov-2022	Tuesday 8-Nov-2022	Wednesday 9-Nov-2022	Tuesday 10-Nov-2022	Friday 11-Nov-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK IX / 14-18 November 2022

	Monday 14-Nov-2022	Tuesday 15-Nov-2022	Wednesday 16-Nov-2022	Tuesday 17-Nov-2022	Friday 18-Nov-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK X / 21-25 November 2022

	Monday 21-Nov-2022	Tuesday 22-Nov-2022	Wednesday 23-Nov-2022	Tuesday 24-Nov-2022	Friday 25-Nov-2022
09.00 - 12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
13.00- 14:20				Independent Learning	
14.25 - 15.10					

CHILD HEALTH and PEDIATRICS - GROUP A WEEK I / 28 November- 02 December 2022

	Monday 28-Nov-2022	Tuesday 29-Nov-2022	Wednesday 30-Nov-2022	Thursday 1-Dec-2022	Friday 2-Dec-2022
09.00- 09:50	Lecture Introduction to Pediatrics <i>Hülya Sariçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	Lecture History Taking <i>Filiz Bakar</i>	Lecture Gastrointestinal and Genitourinary Tract Examination <i>Meltem Uğraş</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Urinalysis and other Body Fluids <i>Jale Çoban</i>
10.00- 10.50	Lecture Respiratory System Examination <i>Hülya Sariçoban</i>	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
11.00-11.50	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sariçoban</i>	Lecture Upper Respiratory Tract Infections <i>Coşkun Saf</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Sepsis and Meningococemia <i>Tülin Şimşek</i> <i>Perihan Saf</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Neurological Examination <i>Haluk Topaloğlu</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>
14.00- 14.50	Lecture Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Perinatal Asphyxia, Cerebral Palsy <i>Haluk Topaloğlu</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	<i>Independent Learning</i>

GROUP A WEEK II / 05-09 December 2022

	Monday 05-Dec-2022	Tuesday 06-Dec-2022	Wednesday 07-Dec-2022	Thursday 08-Dec-2022	Friday 09-Dec-2022
09.00- 09:50	Lecture Immunization Principles and Vaccination-1 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Coşkun Saf</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>
10.00- 10.50	Lecture Immunization Principles and Vaccination-2 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Malnutrition and Obesity <i>Meltem Uğraş</i>
11.00-11.50	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>	Lecture Nephrotic Syndrome <i>Coşkun Saf</i>	Lecture Şok <i>Çiğdem Yanar</i> <i>Perihan Saf</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:50	Lecture Infections of Central Nervous System <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Congenital Hypothyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>	Lecture Hyperparathyroidism, Hypoparathyroidism <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>
14.00- 14.50	Lecture Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>	Lecture Calcium Metabolism <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>
15.00- 15.50	Independent Learning	Practice (Vital Signs) <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Independent Learning Independent Learning	Practice (Growth and Development) <i>Elif Sağsak</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK III / 12-16 December 2022

	Monday 12-Dec-2022	Tuesday 13-Dec-2022	Wednesday 14-Dec-2022	Thursday 15-Dec-2022	Friday 16-Dec-2022
09.00- 09:50	Lecture Congestive Heart Failure <i>Coşkun Saf</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	Lecture Diseases of Myocardium and Pericardium <i>Coşkun Saf</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı Filiz Bakar</i>
11.00-11.50	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Independent Learning	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Nevin Yalman Çetin Timur</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı Filiz Bakar</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Intoxications <i>Tülin Şimşek Coşkun Saf</i>	Lecture Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	Lecture Asthma <i>Hülya Sarıçoban</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	Lecture Respiratory Failure <i>Tülin Şimşek Coşkun Saf</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Independent Learning	Lecture Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
15.00- 15.50	Independent Learning	Lecture Maculopapuler and Vesicular Diseases <i>İsmet Düşmez Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning				Independent Learning

GROUP A WEEK IV / 19-23 December 2022

	Monday 19-Dec-2022	Tuesday 20-Dec-2022	Wednesday 21-Dec-2022	Thursday 22-Dec-2022	Friday 23-Dec-2022
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Lecture Viral Paralytic Diseases <i>Bilge Atlı Haluk Topaloğlu</i>	Lecture Congenital Heart Diseases-1 <i>Büşra Çağlar Coşkun Saf</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Lecture Lower Respiratory Tract Infections <i>Perihan Saf</i>	Lecture Acute and Chronic Renal Failure <i>Bilge Atlı Perihan Saf</i>	Lecture Congenital Heart Diseases-2 <i>Büşra Çağlar Coşkun Saf</i>
11.00-11.50	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Inborn Errors of Metabolism-1 <i>İsmet Düşmez Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Practice (Immunization) <i>Büşra Çağlar Coşkun Saf</i>
12.00- 12.50	Lunch	Lecture Inborn Errors of Metabolism-2 <i>İsmet Düşmez Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	Lunch	Lunch
13.00- 13.50	Lecture Hypertension <i>Çiğdem Yanar Elif Sağsak</i>	Lunch	Lunch	Lecture Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	Lecture Tuberculosis <i>Coşkun Saf</i>
14.00- 14.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar Elif Sağsak</i>	Lecture Vitamin Deficiencies and Ricketts-1 <i>Elif Sağsak</i>	Lecture Tetanus, Diphtheria, Mumps and Pertussis <i>Burçin Yorgancı Perihan Saf</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	Practice (Chest X-ray Evaluation) <i>Coşkun Saf</i>
15.00- 15.50	Lecture Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>	Lecture Vitamin Deficiencies and Ricketts-1 <i>Elif Sağsak</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50					

GROUP A WEEK V / 26-30 December 2022

	Monday 26-Dec-2022	Tuesday 27-Dec-2022	Wednesday 28-Dec-2022	Thursday 29-Dec-2022	Friday 30-Dec-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VI / 02-06 January 2023

	Monday 02- Jan-2023	Tuesday 03-Jan-2023	Wednesday 04-Jan-2023	Tuesday 05-Jan-2023	Friday 06-Jan-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VII / 9-13 January 2023

	Monday 9-Jan-2023	Tuesday 10-Jan-2023	Wednesday 11-Jan-2023	Tuesday 12-Jan-2023	Friday 13-Jan-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VIII / 16 – 20 January 2023

	Monday 16-Jan-2023	Tuesday 17-Jan-2023	Wednesday 18-Jan-2023	Tuesday 19-Jan-2023	Friday 20-Jan-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK IX / 23 – 27 January 2023

	Monday 23-Jan-2023	Tuesday 24-Jan-2023	Wednesday 25-Jan-2023	Tuesday 26-Jan-2023	Friday 27-Jan-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK X / 30 January-03 February 2023

	Monday 30-January-2023	Tuesday 31-Jan-2023	Wednesday 01-Feb-2023	Thursday 02-Feb-2023	Friday 03-Feb-2023
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
				Lunch	
13.00- 14:20					
14.25 - 15.10					

CHILD HEALTH and PEDIATRICS – GROUP D WEEK I / 23- 27 January 2023

	Monday 23-Jan-2023	Tuesday 24-Jan-2023	Wednesday 25-Jan-2023	Thursday 26-Jan-2023	Friday 27-Jan-2023
09.00- 09:50	Lecture Introduction to Pediatrics <i>Hülya Sariçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	Lecture History Taking <i>Filiz Bakar</i>	Lecture Gastrointestinal and Genitourinary Tract Examination <i>Meltem Uğraş</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Urinalysis and other Body Fluids <i>Jale Çoban</i>
10.00- 10.50	Lecture Respiratory System Examination <i>Hülya Sariçoban</i>	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
11.00-11.50	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sariçoban</i>	Lecture Upper Respiratory Tract Infections <i>Coşkun Saf</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Sepsis and Meningococemia <i>Tülin Şimşek</i> <i>Perihan Saf</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Neurological Examination <i>Haluk Topaloğlu</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>
14.00- 14.50	Lecture Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Perinatal Asphyxia, Cerebral Palsy <i>Haluk Topaloğlu</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK II / 30 January-03 February 2023

	Monday 30-January-2023	Tuesday 31-Jan-2023	Wednesday 01-Feb-2023	Thursday 02-Feb-2023	Friday 03-Feb-2023
09.00- 09:50	Lecture Immunization Principles and Vaccination-1 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Coşkun Saf</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>
10.00- 10.50	Lecture Immunization Principles and Vaccination-2 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Malnutrition and Obesity <i>Meltem Uğraş</i>
11.00-11.50	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>	Lecture Nephrotic Syndrome <i>Coşkun Saf</i>	Lecture Şok <i>Çiğdem Yanar</i> <i>Perihan Saf</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Infections of Central Nervous System <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Congenital Hypothyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>	Lecture Hyperparathyroidism, Hypoparathyroidism <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>
14.00- 14.50	Lecture Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	Lecture Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>	Lecture Calcium Metabolism <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>
15.00- 15.50	Independent Learning	Practice (Vital Signs) <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	Independent Learning	Practice (Growth and Development) <i>Elif Sağsak</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK III / 6 - 10 February 2023

	Monday 06-Feb-2023	Tuesday 07-Feb-2023	Wednesday 08-Feb-2023	Thursday 09-Feb-2023	Friday 10-Feb-2023
09.00- 09:50	Lecture Congestive Heart Failure <i>Coşkun Saf</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	Lecture Diseases of Myocardium and Pericardium <i>Coşkun Saf</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı Filiz Bakar</i>
11.00-11.50	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Independent Learning	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Nevin Yalman Çetin Timur</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı Filiz Bakar</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Intoxications <i>Tülin Şimşek Coşkun Saf</i>	Lecture Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	Lecture Asthma <i>Hülya Sarıçoban</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	Lecture Respiratory Failure <i>Tülin Şimşek Coşkun Saf</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Independent Learning	Lecture Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
15.00- 15.50	Independent Learning	Lecture Maculopapuler and Vesicular Diseases <i>İsmet Düşmez Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK IV / 13 - 17 February 2023

	Monday 13-Feb-2023	Tuesday 14-Feb-2023	Wednesday 15-Feb-2023	Thursday 16-Feb-2023	Friday 17-Feb-2023
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Saęsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uęraş</i>	Lecture Viral Paralytic Diseases <i>Bilge Atlı</i> <i>Haluk Topaloęlu</i>	Lecture Congenital Heart Diseases-1 <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Saęsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Lecture Lower Respiratory Tract Infections <i>Perihan Saf</i>	Lecture Acute and Chronic Renal Failure <i>Bilge Atlı</i> <i>Perihan Saf</i>	Lecture Congenital Heart Diseases-2 <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
11.00-11.50	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Inborn Errors of Metabolism-1 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Practice (Immunization) <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
12.00- 12.50	Lunch	Lecture Inborn Errors of Metabolism-2 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	Lunch	Lunch
13.00- 13.50	Lecture Hypertension <i>Çiędem Yanar</i> <i>Elif Saęsak</i>	Lunch	Lunch	Lecture Abdominal Pain and Peptic Dşseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uęraş</i>	Lecture Tuberculosis <i>Coşkun Saf</i>
14.00- 14.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiędem Yanar</i> <i>Elif Saęsak</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Saęsak</i>	Lecture Tetanus, Diphtheria, Mumps and Pertussis <i>Burçin Yorgancı</i> <i>Perihan Saf</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uęraş</i>	Practice (Chest X-ray Evaluation) <i>Coşkun Saf</i>
15.00- 15.50	Lecture Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşucu</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Saęsak</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning				

GROUP D WEEK V / 20 - 24 February 2023

	Monday 20-Feb-2023	Tuesday 21-Feb-2023	Wednesday 22-Feb-2023	Thursday 23-Feb-2023	Friday 24-Feb-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VI / 27 February- 03 March 2023

	Monday 27- Feb-2023	Tuesday 28-Feb-2023	Wednesday 01-March-2023	Tuesday 02-March-2023	Friday 03-March-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VII / 06-10 March 2023

	Monday 06-March-2023	Tuesday 07-March-2023	Wednesday 08-March-2023	Tuesday 9-March-2023	Friday 10-March-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VIII / 13-17 March 2023

	Monday 13-March-2023	Tuesday 14-March-2023	Wednesday 15-March-2023	Tuesday 16-March-2023	Friday 17-March-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK IX / 20-24 March 2023

	Monday 20-March-2023	Tuesday 21-March-2023	Wednesday 22-March-2023	Tuesday 23-March-2023	Friday 24-March-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK X / 27-31 March 2023

	Monday 27-March-2023	Tuesday 28-March-2023	Wednesday 29-March-2023	Thursday 30-March-2023	Friday 31-March-2023	
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination	
						Lunch
13.00- 14:20			Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program		
14.25 - 15.10						

CHILD HEALTH and PEDIATRICS – GROUP C WEEK 1 / 03 - 07 April 2023

	Monday 03-Apr-2023	Tuesday 04-Apr-2023	Wednesday 05-Apr-2023	Thursday 06-Apr-2023	Friday 07-Apr-2023
09.00- 09:50	Lecture Introduction to Pediatrics <i>Hülya Sariçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	Lecture History Taking <i>Filiz Bakar</i>	Lecture Gastrointestinal and Genitourinary Tract Examination <i>Meltem Uğraş</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Urinalysis and other Body Fluids <i>Jale Çoban</i>
10.00- 10.50	Lecture Respiratory System Examination <i>Hülya Sariçoban</i>	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
11.00-11.50	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sariçoban</i>	Lecture Upper Respiratory Tract Infections <i>Coşkun Saf</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Sepsis and Meningococemia <i>Tülin Şimşek</i> <i>Perihan Saf</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Neurological Examination <i>Haluk Topaloğlu</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>
14.00- 14.50	Lecture Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Perinatal Asphyxia, Cerebral Palsy <i>Haluk Topaloğlu</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK II / 10 – 14 April 2023

	Monday 10-Apr-2023	Tuesday 11-Apr-2023	Wednesday 12-Apr-2023	Thursday 13-Apr-2023	Friday 14-Apr-2023
09.00- 09:50	Lecture Sepsis and Meningococemia <i>F. Tülin Şimşek</i>	Lecture Immunization Principles and Vaccination-1 <i>Mustafa Berber</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Hyperparatiroidism, Hypoparatiroidism <i>Elif Sağsak</i>	Lecture Asthma <i>Hülya Sarıçoban</i>
10.00- 10.50	Lecture Shock <i>F. Tülin Şimşek</i>	Lecture Immunization Principles and Vaccination-2 <i>Mustafa Berber</i>	Lecture Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	Lecture Calcium Metabolism <i>Elif Sağsak</i>	Lecture Tuberculosis <i>Hülya Sarıçoban</i>
11.00-11.50	Lecture GIS Bleeding <i>Meltem Uğraş</i>	Lecture Tetanus, Diphtheria, Mumps, And Pertussis <i>Fatma Tuba Coşkun</i>	Lecture Congenital Hypothyroidism <i>Elif Sağsak</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>
12.00- 12.50	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Lower Respiratory Tract Infections <i>Perihan Saf</i>	Lecture Hypothyroidism Hyperthyroidism <i>Elif Sağsak</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50	Lecture Neonatal Infections <i>Mustafa Berber</i>	Lecture Upper Respiratory Tract Infections <i>Endi Romano</i>	Lecture Urinalysis and Other Body Fluids <i>Jale Çoban</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i>	Lecture Maculopapular-Vesicular Diseases <i>Tuba Giray</i>
15.00- 15.50	Independent Learning	Practice (Immunization) <i>Mustafa Berber</i>	Independent Learning	Practice (Growth and Development) <i>Elif Sağsak</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK III / 17 – 21 April 2023

	Monday 17-Apr-2023	Tuesday 18-Apr-2023	Wednesday 19-Apr-2023	Thursday 20-Apr-2023	Friday 21-Apr-2023
09.00- 09:50	Lecture Congestive Heart Failure <i>Coşkun Saf</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY
10.00- 10.50	Lecture Diseases of Myocardium and Pericardium <i>Coşkun Saf</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>		
11.00-11.50	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Independent Learning		
12.00- 12.50	Lunch	Lunch	Lunch		
13.00- 13.50	Lecture Intoxications <i>Tülin Şimşek</i> <i>Coşkun Saf</i>	Lecture Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	Lecture Asthma <i>Hülya Sarıçoban</i>		
14.00- 14.50	Lecture Respiratory Failure <i>Tülin Şimşek</i> <i>Coşkun Saf</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Independent Learning		
15.00- 15.50	Independent Learning	Lecture Maculopapuler and Vesicular Diseases <i>İsmet Düşmez</i> <i>Hülya Sarıçoban</i>	Independent Learning		
16.00-16.50	Independent Learning	Independent Learning	Independent Learning		

GROUP C WEEK IV / 24 – 28 April 2023

	Monday 24-Apr-2023	Tuesday 25-Apr-2023	Wednesday 26-Apr-2023	Thursday 27-Apr-2023	Friday 28-Apr-2023
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Saęsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uęraş</i>	Lecture Viral Paralytic Diseases <i>Bilge Atlı</i> <i>Haluk Topaloęlu</i>	Lecture Congenital Heart Diseases-1 <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Saęsak</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Lecture Lower Respiratory Tract Infections <i>Perihan Saf</i>	Lecture Acute and Chronic Renal Failure <i>Bilge Atlı</i> <i>Perihan Saf</i>	Lecture Congenital Heart Diseases-2 <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
11.00-11.50	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Inborn Errors of Metabolism-1 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Practice (Immunization) <i>Büşra Çaęlar</i> <i>Coşkun Saf</i>
12.00- 12.50	Lunch	Lecture Inborn Errors of Metabolism-2 <i>İsmet Düşmez</i> <i>Mustafa Berber</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	Lunch	Lunch
13.00- 13.50	Lecture Hypertension <i>Çiędem Yanar</i> <i>Elif Saęsak</i>	Lunch	Lunch	Lecture Abdominal Pain and Peptic Dşseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uęraş</i>	Lecture Tuberculosis <i>Coşkun Saf</i>
14.00- 14.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiędem Yanar</i> <i>Elif Saęsak</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Saęsak</i>	Lecture Tetanus, Diphtheria, Mumps and Pertussis <i>Burçin Yorgancı</i> <i>Perihan Saf</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uęraş</i>	Practice (Chest X-ray Evaluation) <i>Coşkun Saf</i>
15.00- 15.50	Lecture Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>	Lecture Vitamin Deficiencies and Rickets-1 <i>Elif Saęsak</i>	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK V / 01-05 May 2023

	Monday 1-May-2023	Tuesday 2-May-2023	Wednesday 3-May-2023	Thursday 4-May-2023	Friday 5-May-2023
09.00- 09:50	NATIONAL HOLIDAY	Lecture Hypophyseal Diseases <i>Elif Saęsak</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10.00- 10.50		Lecture Adrenal Hypo/Hyper Function <i>Elif Saęsak</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles- 1 <i>Buręin Yorgancı Filiz Bakar</i>		
11.00-11.50		Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Nevin Yalman ęetin Timur</i>	Lecture Cardiovascular System Examination and Electrocardiographic Principles- 2 <i>Buręin Yorgancı Filiz Bakar</i>		
12.00- 12.50		Lunch	Lunch		
13.00- 13.50		Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>		
14.00- 14.50		Lecture Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıęoban</i>		
15.00- 15.50		Independent Learning	Independent Learning		
16.00-16.50		Independent Learning	Independent Learning		

GROUP C WEEK VI / 08 – 12 May 2023

	Monday 08-May-2023	Tuesday 9-May-2023	Wednesday 10-May-2023	Tuesday 11-May-2023	Friday 12-May-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK VII / 15-19 May 2023

	Monday 15-May-2023	Tuesday 16-May-2023	Wednesday 17-May-2023	Tuesday 18-May-2023	Friday 19-May-2023
08:00- 17:00	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	NATIONAL HOLIDAY
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

GROUP C WEEK VIII / 22 - 26 May 2023

	Monday 22-May-2023	Tuesday 23-May-2023	Wednesday 24-May-2023	Tuesday 25-May-2023	Friday 26-May-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK IX / 29 May-02 June 2023

	Monday 29-May-2023	Tuesday 30-May-2023	Wednesday 31-May-2023	Tuesday 01-June-2023	Friday 02-June-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK X / 05-9 June 2023

	Monday 05- June-2023	Tuesday 06-June-2023	Wednesday 07-June-2023	Tuesday 08-June-2023	Friday 9-June-2023
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK XI / 12-16 June 2023

	Monday 12-June-2023	Tuesday 13-June-2023	Wednesday 14-June-2023	Thursday 15-June-2023	Friday 16-June-2023
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
				Lunch	
13.00- 14:20			Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program	
14.25 - 15.10					

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**GENERAL SURGERY
YEDİTEPE UNIVERSITY HOSPITAL**

Head of the Department of General Surgery: Özcan Gökçe, M.D. Prof.

Neşet Köksal, M.D. Prof.

Erhan Ayşan, M.D. Prof.

Kinyas Kartal, M.D. Assoc. Prof.

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

Chief of the Department of General Surgery: Meryem Günay Gürleyik, M.D. Prof.

MINISTRY OF HEALTH

İSTANBUL ÜMRANİYE TRAINING AND RESEARCH HOSPITAL

AIM AND LEARNING OBJECTIVES OF GENERAL SURGERY

AIM

Aim of this clerkship is to;

1. **equip** students **with** necessary knowledge, skills and attitudes required to make diagnoses and differential diagnoses of digestive system, endocrine, mammary and emergency surgery diseases, traumatized patients,
2. **equip** students **with** necessary knowledge, skills and attitudes required to approach transplant candidates or transplanted patients,
3. **equip** students **with** necessary knowledge, skills and attitudes required to **order** laboratory and imaging tests available in primary care,
4. **equip** students **with** necessary knowledge, skills and attitudes required to decide treatment modality,
5. **equip** students **with** necessary knowledge, skills and attitudes required to refer Patient to advanced healthcare units upon indication

LEARNING OBJECTIVES

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

KNOWLEDGE

1. **list** the fluid compartments in the body and describe the distribution of fluids and electrolytes
2. **indicate** the basic nutritional requirements of a patient
3. **describe** the clinical features and diagnostic tests of surgical thyroidal diseases
4. **describe** the clinical features and diagnostic tests of breast disorders
5. **describe** the symptoms, clinical features and diagnostic tests of acute gastrointestinal disorders
6. **describe** the symptoms, clinical features and diagnostic tests of gastric disorders
7. **describe** the symptoms, clinical features and diagnostic tests of colorectal disorders
8. **describe** functions and disorders of liver diseases
9. **describe** the symptoms, clinical features and diagnostic tests of pancreatic diseases
10. **describe** adequate physical examination
11. **describe** wound healing and surgical site infections

SKILLS

12. **take** an appropriate history from the patients
13. **evaluate** patients and perform proper physical examination
14. **insert** nasogastric tube
15. **perform** removal of drains
16. **perform** closure of surgical incisions
17. **perform** removal of sutures and staples
18. **perform** gowning and gloving in the operating room

ATTITUDES

19. **acquire** sympathetic attitude appropriate for dealing with patients
20. **describe** the importance and benefits of teamwork in the operating room and surgical ward
21. **respect** patient privacy and take care to keep their personal information confidential

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Total	100%
Other Assessment Methods and Tools	Proportion (in Other Assessment Methods and Tools)
Oral Exam (OE)	90%
Evaluation of Case Presentation	10%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
Total	100%

GENERAL SURGERY CLERKSHIP PROGRAM
Week I / 19 Sep.- 23 Sep. 2022 Group D

	Monday 19-Sep-2022	Tuesday 20-Sep-2022	Wednesday 21-Sep-2022	Thursday 22-Sep-2022	Friday 23-Sep-2022
09.00- 11.50	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Kinyas Kartal</i> Morbid Obesity <i>Kinyas Kartal</i>	Clinical Experience	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Ali Ediz Kıvanç</i>	Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i> Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Disease of the Adrenal Glands and Spleen Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kıvanç</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Kinyas Kartal</i>	Clinical Experience	Liver Transplantation, Kidney and Pancreas Transplantation <i>Ali Ediz Kıvanç</i>	Hemostasis, Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, Intestinal Obstruction Abdominal Trauma The Systemic Response to Injury <i>Ali Ediz Kıvanç</i>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 26 Sep. – 30 Sept. 2022 Group D

	Monday 26-Sep-2022	Tuesday 27-Sep-2022	Wednesday 28-Sep-2022	Thursday 29-Sep-2022	Friday 30-Sep-2022
09.00- 11.50	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	Introductory Session Periampullary and Pancreatic Malignancies <i>Özcan Gökçe</i> Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Disease of the Breast <i>Neşet Köksal</i> Hernias <i>Neşet Köksal</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 03-07 Oct. 2022 Group D

	Monday 03-Oct-2022	Tuesday 04-Oct-2022	Wednesday 05-Oct-2022	Thursday 06-Oct-2022	Friday 07-Oct-2022
09.00- 11.50	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 03-07 Oct. 2022 Group D

	Monday 03-Oct-2022	Tuesday 04-Oct-2022	Wednesday 05-Oct-2022	Thursday 06-Oct-2022	Friday 07-Oct-2022
09.00- 11.50	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 10 Oct.- 14 Oct. 2022 Group D

	Monday 10-Oct-2022	Tuesday 11-Oct-2022	Wednesday 12-Oct-2022	Thursday 13-Oct-2022	Friday 14-Oct-2022
09.00- 11.50	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u>Oral Exam</u>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u>Written Exam</u>	
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

OBSTETRICS AND GYNECOLOGY

Head of the Department of Obstetrics and Gynecology: N. Erkut ATTAR, MD. PhD. Prof.

Orhan Ünal, M.D. Prof.

Rukset Attar, M.D. PhD. Prof.

Mustafa Başbuğ, M.D. Prof.

Tanju Demirören, M.D., Assist. Prof.

Petek Uzuner M.D., Assist Prof.

Mert Yeşiladalı, M.D., Assist. Prof.

Melis Gökçe Koçer Yazıcı, M.D., Assist. Prof.

Oya Alagöz M.D., Assist. Prof.

Yosun Görkem Zeybek Özçer M.D.

&

HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

AIM AND LEARNING OBJECTIVES OF OBSTETRICS and GYNECOLOGY

AIM

Aim of this clerkship is to;

1. **equip** students with necessary knowledge, skills and attitudes required to do genital examination,
2. **equip** students with necessary knowledge, skills and attitudes required to do follow up of pregnancy period,
3. **convey** necessary knowledge on antenatal tests, normal spontaneous delivery, pathological situations about birth, high risk pregnancy, teratogenicity effects, ectopic pregnancy, contraception and contraceptive methods, gynecological cancers, breast and cervix cancer screening, menopause, osteoporosis, gynecological and obstetric operations,
4. **equip** students with necessary knowledge, skills and attitudes required to perform primary care medical practice in gynecology and obstetrics.

LEARNING OBJECTIVES

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

KNOWLEDGE

1. explain antenatal tests	PO.1.1.10
2. describe normal spontaneous vaginal delivery	PO.1.1.3.
3. discuss pathological situations about birth	PO.1.1.6.
4. interpret high risk pregnancy	PO.1.1.3
5. identify ectopic pregnancy	PO.1.1.6.
6. predict teratogenic effects of drugs	PO.1.1.9
7. list contraceptive methods	PO.1.1.1
8. categorize non-stress test results	PO.1.1.8.
9. explain screening methods for gynecological cancers	PO.1.1.1
10. decide vulvovaginitis type and select treatment	PO.1.1.9.
11. list causes of abnormal uterine bleeding and their treatment	PO.1.1.3
12. describe management of endometriosis and polycystic ovary syndrome	PO.1.1.8
13. outline causes of infertility	PO.1.1.3.

SKILLS

14. take medical history about female genital system,	PO.1.1.4.
15. perform a systemic physical examination including female genital system	PO.1.1.5
16. do a pap smear test	PO.1.1.7
17. perform breast and cervix cancer screening tests	PO.1.1.7
18. order menopause and osteoporosis screening tests	PO.1.1.7
19. conduct a non stress test	PO.1.1.10
20. manage common gynecological and obstetric emergencies	PO.1.1.9

ATTITUDES

21. approach with right attitude to patients and their relatives	PO.2.5.1.
22. value doctor-patient communication and patient privacy	PO.2.5.2
23. inform patient and patients' relatives with respect	PO.2.5.4

NCC 2014 – Essential Medical Procedures (Obstetrics and Gynecology)	Performance Level
Examination of pregnant woman	3
Gynecologic examination	3
Obtaining informed consent	4
Preparing epicrisis	4
Preparing patient file	4
Writing prescription	4
Providing care to mother after delivery	3
Performing episiotomy and suturing	2
Following pregnant and puerperant woman	3
Managing spontaneous delivery	2
Obtaining servical and vaginal smear sample	3

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Extended Matching Questions	0%
Key Features	0%
Total	100%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	50%
Total	50%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
Total	100%

OBSTETRICS AND GYNECOLOGY - Group D
Week I / 14 Nov 2022 – 18 Nov 2022

	Monday 14-Nov-2022	Tuesday 15-Nov-2022	Wednesday 16-Nov-2022	Thursday 17-Nov-2022	Friday 18-Nov-2022
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Petek F. Arioğlu	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Görkem Özçer	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Erkut Attar	Obstetric Ultrasound Examination Petek F. Arioğlu
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Petek F. Arioğlu
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 21-25 Nov 2022

	Monday 21-Nov-2022	Tuesday 22-Nov-2022	Wednesday 23-Nov-2022	Thursday 24-Nov-2022	Friday 25-Nov-2022
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	Complications of Early Pregnancy Rukset Attar	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 28 Nov – 02 Dec 2022

	Monday 28-Nov-2022	Tuesday 29-Nov-2022	Wednesday 30-Nov-2022	Thursday 01-Dec-2022	Friday 02-Dec-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 05-09 Dec 2022

	Monday 05-Dec-2022	Tuesday 06-Dec-2022	Wednesday 07-Dec-2022	Thursday 08-Dec-2022	Friday 09-Dec-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 12 - 16 Dec 2022

	Monday 12-Dec-2022	Tuesday 13-Dec-2022	Wednesday 14-Dec-2022	Thursday 15-Dec-2022	Friday 16-Dec-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

OBSTETRICS AND GYNECOLOGY - Group C

Week I / 19 Dec 2022 – 23 Dec 2022

	Monday 19-Dec-2022	Tuesday 20-Dec-2022	Wednesday 21-Dec-2022	Thursday 22-Dec-2022	Friday 23-Dec-2022
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Petek F. Arioğlu	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Görkem Özçer	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Erkut Attar	Obstetric Ultrasound Examination Petek F. Arioğlu
15:00- 15:50	Operative Labor and Cesarean Section Rukset Attar	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Petek F. Arioğlu
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 26-30 Dec 2022

	Monday 26-Dec-2022	Tuesday 27-Dec-2022	Wednesday 28-Dec-2022	Thursday 29-Dec-2022	Friday 30-Dec-2022
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	Complications of Early Pregnancy Rukset Attar	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 02-06 Jan 2023

	Monday 02-Jan-2023	Tuesday 03-Jan-2023	Wednesday 04-Jan-2023	Thursday 05-Jan-2023	Friday 06-Jan-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 09-13 Jan 2023

	Monday 09-Jan-2023	Tuesday 10-Jan-2023	Wednesday 11-Jan-2023	Thursday 12-Jan-2023	Friday 13-Jan-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 16-20 Jan 2023

	Monday 16-Jan-2023	Tuesday 17-Jan-2023	Wednesday 18-Jan-2023	Thursday 19-Jan-2023	Friday 20-Jan-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

OBSTETRICS AND GYNECOLOGY - Group B

Week I / 03-07 Apr 2023

	Monday 03-Apr-2023	Tuesday 04-Apr-2023	Wednesday 05-Apr-2023	Thursday 06-Apr-2023	Friday 07-Apr-2023
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Petek F. Arioğlu	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Görkem Özçer	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Erkut Attar	Obstetric Ultrasound Examination Petek F. Arioğlu
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Petek F. Arioğlu
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 10-14 Apr 2023

	Monday 10-Apr-2023	Tuesday 11-Apr-2023	Wednesday 12-Apr-2023	Thursday 13-Apr-2023	Friday 14-Apr-2023
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	Complications of Early Pregnancy Rukset Attar	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11.50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 17-21 Apr 2023

	Monday 17-Apr-2023	Tuesday 18-Apr-2023	Wednesday 19-Apr-2023	Thursday 20-Apr-2023	Friday 21-Apr-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	NATIONAL HOLIDAY
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

Week IV / 24-28 Apr 2023

	Monday 24-Apr-2023	Tuesday 25-Apr-2023	Wednesday 26-Apr-2023	Thursday 27-Apr-2023	Friday 28-Apr-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 01-05 May 2023

	Monday 01-May-2023	Tuesday 02-May-2023	Wednesday 03-May-2023	Thursday 04-May-2023	Friday 05-May-2023
09.00- 09.50	NATIONAL HOLIDAY	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50		HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30		Lunch	Lunch	Lunch	Lunch
13.30-15.30		Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30		HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 08-12 May 2023

	Monday 08-May-2023	Tuesday 09-May-2023	Wednesday 10-May-2023	Thursday 11-May-2023	Friday 12-May-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship

OBSTETRICS AND GYNECOLOGY - Group A
Week I / 15-19 May 2023

	Monday 15-May-2023	Tuesday 16-May-2023	Wednesday 17-May-2023	Thursday 18-May-2023	Friday 19-May-2023
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Petek F. Arioğlu	NATIONAL HOLIDAY
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00-13.50	Normal Labor Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Görkem Özçer	Clinical Embryology Oya Alagöz	
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Erkut Attar	
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

Week II / 22-26 May 2023

	Monday 22-May-2023	Tuesday 23-May-2023	Wednesday 24-May-2023	Thursday 25-May-2023	Friday 26-May-2023
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	Complications of Early Pregnancy Rukset Attar	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	Obstetric Ultrasound Examination Petek F. Arioğlu
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	High-risk Pregnancy: an Overview Petek F. Arioğlu
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 29 May – 02 Jun 2023

	Monday 29-May-2023	Tuesday 30-May-2023	Wednesday 31-Jun-2023	Thursday 01-Jun-2023	Friday 02-Jun-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 05-09 Jun 2023

	Monday 05-Jun-2023	Tuesday 06-Jun-2023	Wednesday 07-Jun-2023	Thursday 08-Jun-2023	Friday 09-Jun-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNH TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 12-16 Jun 2023

	Monday 12-Jun-2023	Tuesday 13-Jun-2023	Wednesday 14-Jun-2023	Thursday 15-Jun-2023	Friday 16-Jun-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					Lunch
12.30- 13.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
13.30-15.30	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	HNHTRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
15.30- 17.30					Program Evaluation Session Review of the Exam Questions,
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

Muzaffer Murat Değertekin, MD. Prof.

Olçay Özveren, MD. Assoc. Prof.

Tolga Aksu , MD . Prof.

Ayça Türer Cabbar , MD. Assist. Prof.

Mustafa Aytek Şimşek, MD. Assist. Prof.

Çiğdem Koca M.D.

Feri Onur Mutluer M.D.

Cansu Ebre M.D

&

KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Ramazan Kargın MD. Prof.

Rezan Deniz Acar MD . Prof.

Ali Karagöz MD . Assoc. Prof.

ACADEMIC SCHEDULE OF CARDIOLOGY 2022-2023

GROUP A	GROUP B	GROUP C	GROUP D
CARDIOLOGY (2 WEEKS) 06.02.2023-17.02.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 06.03. 2023 -17.03.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 19.09.2022-30.09.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 31.10.2022 -11.11.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

AIM AND LEARNING OBJECTIVES OF CARDIOLOGY

AIM

Aim of this clerkship is to;

1. **equip** students with necessary knowledge, skills and attitudes required to Approach to cardiac Patient,
2. **equip** students with necessary knowledge, skills and attitudes required to deliver preventive healthcare measures,
3. **equip** students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of cardiac diseases,
4. **equip** students with necessary knowledge, skills and attitudes required to apply primary care prophylaxis and treatment to cardiac Patients,
5. **equip** students with necessary knowledge, skills and attitudes required to refer cardiac Patients to advanced healthcare units upon indication.

LEARNING OBJECTIVES

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

KNOWLEDGE

1. **list** required procedures and investigations for delivering preventive healthcare measures to cardiology patients
2. **discuss** diagnosis and differential diagnosis of cardiac diseases
3. **describe** the presentation, pathophysiology, clinical and laboratory features of common cardiologic acute and chronic disorders
4. **list** required procedures and investigations for primary care prophylaxis and treatment to cardiac patients
5. **list** required procedures and investigations for the diagnosis, differential diagnosis and follow-up of cardiology patients
6. **describe** the initial steps of cardiac echocardiography, Holter ECG monitoring, cardiac exercise test
7. **describe** the initial steps of cardiac catheterization and coronary angiography
8. **describe** the initial steps of pericardiocentesis
9. **describe** the management of common cardiac disorders
10. **describe** the procedures of ambulatory blood pressure monitoring
11. **describe** the electrophysiological study and pacemaker implantation

SKILLS

12. **obtain** an appropriate and detailed history of patients
13. **perform** detailed physical examination of cardiac patient
14. **provide** basic life support to cardiac patient
15. **perform** basic clinical procedures and interventions
16. **obtain** required samples for laboratory investigations
17. **interpret** clinical and laboratory data
18. **evaluate** blood pressure of patient
19. **evaluate** peripheral pulses of patient
20. **provide** a prioritized problem list
21. **manage** common cardiac disorders and emergency cases
22. **present** patients clearly by written and oral means
23. **ask** for consultation when indicated
24. **refer** patients to advanced healthcare units when indicated
25. **use** written and online sources correctly and efficiently to access evidence-based information

ATTITUDES

26. **respect** and **understand** of the roles, responsibilities and relationship of primary care and specialty care providers
27. **demonstrate** interpersonal skills and professionalism in relations with patients, families and healthcare staff, being analytical and research orientated
28. **show respect** for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
29. **obey** infection control regulations when working at inpatient and outpatient clinics

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Oral Exam (OE)	40%
Evaluation of Preparation Skills of Patient's File	10%
Total	50 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
Total	100 %

CARDIOLOGY - GROUP A / Week I																				
	Monday 06-Feb-2023				Tuesday 07-Feb-2023				Wednesday 08-Feb-2023				Thursday 09-Feb-2023				Friday 10-Feb-2023			
	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
08.30- 12.00	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	Lecture Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Ayça Türer Cabbar</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Muzaffer değertekin</i> <i>Cansu Ebren</i>				Lecture ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	Lecture Electrocardiography <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

GROUP A / Week II

	Monday 13-Feb-2023	Tuesday 14-Feb-2023	Wednesday 15-Feb-2023	Thursday 16-Feb-2023	Friday 17-Feb-2023									
08.30-12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Lecture <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn</i> <i>Olçay Özveren</i>	<p align="center">Written and Oral Examination</p> <p align="center">YEDİTEPE UNIVERSITY HOSPITAL</p> <p align="center">Muzaffer Değertekin Olçay Özveren Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Çiğdem Koca Ferit Onur Mutluer Cansu Ebrn</p>
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00-13.50	Lecture Hypertension <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00-14.50	Lecture Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00-15.50	Lecture Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP B / Week I																								
Monday 06-Mar-2023					Tuesday 07-Mar-2023				Wednesday 08- Mar -2023				Thursday 09- Mar -2023				Friday 10- Mar -2023							
Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL					Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL							
08.30- 12.00					Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4				
					Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient			
12.50- 13.50					Lecture Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Ayça Türer Cabbar</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50					Lecture Cardiovascular Examination <i>Muzaffer değertekin</i> <i>Cansu Ebrn</i>				Lecture ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50					Lecture Electrocardiography <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00- 17.00					Independent Learning				Independent Learning				Independent Learning				Independent Learning							

	Monday 13- Mar -2023				Tuesday 14- Mar -2023				Wednesday 15- Mar -2023				Thursday 16- Mar -2023	Friday 17- Mar -2023
08.30- 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Lecture <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn Olçay Özveren</i>	Written and Oral Examination YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Çiğdem Koca Ferit Onur Mutluer Cansu Ebrn
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	Lecture Hypertension <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00- 14.50	Lecture Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00- 15.50	Lecture Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP C / Week I																				
Monday 19-sep-2022					Tuesday 20- sep -2022				Wednesday 21- sep -2022				Thursday 22- sep -2022				Friday 23- sep -2022			
Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL					Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
08.30- 12.00	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	Lecture Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Ayça Türer Cabbar</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Muzaffer değertekin</i> <i>Cansu Ebrn</i>				Lecture ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	Lecture Electrocardiography <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

	Monday 26- sep-2022				Tuesday 27-sep -2022				Wednesday 28- sep -2022				Thursday 29- sep -2022	Friday 30- sep -2022
08.30- 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Lecture <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn Olçay Özveren</i>	Written and Oral Examination YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Çiğdem Koca Ferit Onur Mutluer Cansu Ebrn
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	Lecture Hypertension <i>Olçay Özveren Çiğdem Koca</i>				Lecture Tachyarrhythmas <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
14.00- 14.50	Lecture Infective Endocarditis <i>Olçay Özveren Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Sudden Cardiac Death <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
15.00- 15.50	Lecture Pericardial Diseases <i>Olçay Özveren Çiğdem Koca</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP D / Week I																							
Monday 31-Oct-2022					Tuesday 01- Nov -2022				Wednesday 02-Nov -2022				Thursday 03- Nov -2022				Friday 04- Nov-2022						
Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL					Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL						
08.30- 12.00					Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4			
					Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient		
12.50- 13.50					Lecture Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Ayça Türer Cabbar</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>		
14.00- 14.50					Lecture Cardiovascular Examination <i>Muzaffer değertekin</i> <i>Cansu Ebrn</i>				Lecture ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>		
15.00- 15.50					Lecture Electrocardiography <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>		
16.00- 17.00					Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning		

	Monday 07- Nov -2022				Tuesday 08- Nov -2022				Wednesday 09- Nov -2022				Thursday 10- Nov -2022	Friday 11- Nov -2022
08.30- 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Lecture <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn Olçay Özveren</i>	Written and Oral Examination YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Çiğdem Koca Ferit Onur Mutluer Cansu Ebrn
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	Lecture Hypertension <i>Olçay Özveren Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
14.00- 14.50	Lecture Infective Endocarditis <i>Olçay Özveren Çiğdem Koca</i>				Lecture Tachyarrhythmias <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Sudden Cardiac Death <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
15.00- 15.50	Lecture Pericardial Diseases <i>Olçay Özveren Çiğdem Koca</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOVASCULAR SURGERY

YEDITEPE UNIVERSITY HOSPITAL

Halit Yerebakan, MD, Prof. of Cardiovascular Surgery

(Head of Department)

Tijen Alkan Bozkaya, MD, PhD, Prof. of Cardiovascular Surgery (CVS Coordinator)

KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Dept. of CARDIOVASCULAR SURGERY

Hasan Sunar, MD, Prof. of Cardiovascular Surgery

Fuat Büyükbayrak, MD, Prof. of Cardiovascular Surgery

AIM AND LEARNING OBJECTIVES OF CARDIOVASCULAR SURGERY

AIM

Aim of this clerkship is to;

1. **convey** necessary knowledge on the Approach to evaluation of Patients undergoing cardiovascular surgery, surgical methods of treatment, surgical indications and optimal timing for treatment,
2. **equip** students with necessary knowledge, skills and attitudes required to evaluate possibilities of morbidity and mortality that may occur with these methods,
3. **equip** students with necessary knowledge, skills and attitudes required to do interventions to distinguish emergency cases.

LEARNING OBJECTIVES

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

KNOWLEDGE

- 1.0. define anatomy of cardiovascular system
- 2.0. explain physiology of extracorporeal circulation, techniques and protection of myocardium, brain and spinal cord.
- 3.0. assess signs and symptoms, differential diagnoses and treatments of coronary and valvular heart diseases
- 4.0. assess signs and symptoms, differential diagnoses and treatments of aortic aneurysm and aortic dissection
- 5.0. explain signs and symptoms of large vessel injuries, peripheral arterial diseases, carotid occlusive disease, venous lymphatic system, and congenital (cyanotic and non-cyanotic) heart diseases,
- 6.0. list surgical options for cardiac insufficiency
- 7.0. explain cardiac tumors and pericardial disease
- 8.0. assess sign and symptoms of VTE and explain treatment and prophylaxis of VTE

SKILLS

- 8.1. do Physical Examination and laboratory studies available,
- 8.2. evaluate pre-diagnosis and differential diagnosis, current treatment steps.

ATTITUDES

- 9.0. respect Patient-doctor communication and Patient privacy,
- 10.0. take history with good communication and behaving in a good manner towards Patient and Patients' relatives.
- 11.0. value importance of informing Patient and Patients' relatives.

<p style="text-align: center;">NCC 2014 – Essential Medical Procedures (Cardiovascular Surgery)</p>	<p style="text-align: center;">Performance Level</p>
Cardiovascular system examination	1
Neurological examination	3
Reading and assessing direct radiographs	3
Performing pericardiosynthesis	1

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)
Multiple Choice Questions	35%
Total	35%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	35%
Final Grade; perceived and appreciated by the training supervisors at outhur educational hospitals (practical training).	30%
Total	65 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	35%
Other Assessments Methods and Tools	65%
Total	100 %

CARDIOVASCULAR SURGERY - GROUP C – October 3-14, 2022
LECTURES (03-14-Oct-2022)

	Monday /03-Oct- 2022	Tuesday / 04-Oct- 2022	Wednesday 05- Oct- 2022	Thursday 06-Oct 2022	Friday 07-Oct-2022
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10-20	Lecture Introductory Course History of Cardiovascular Surgery <i>Halit Yerebakan</i>	Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	
11.30 – 12.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	Lecture Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

	Monday 10-Oct-2022	Tuesday 11-Oct-2022	Wednesday 12-Oct-22	Thursday 13-Oct-2022	Friday 14-Oct-22
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı- CVS Dept- Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	Lunch
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30					
13.30 – 14.20	Policlinics	Policlinics	Policlinics	Policlinics	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY - GROUP D

January 9-20, 2023

LECTURES (09-20-Jan-2023)

	Monday 09-Jan-2023	Tuesday 10-Jan-2023	Wednesday 11-Jan-2023	Thursday 12-Jan-2023	Friday 13-Jan-2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Lecture Introductory Course History of Cardiovascular Surgery <i>Halit Yerebakan</i>	Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	Lecture Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch		
13.30 – 14.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY - GROUP D
PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
(16-19-Jan-2023)

	Monday 16-Jan-2023	Tuesday 17-Jan-2023	Wednesday 18-Jan-2023	Thursday 19-Jan-2023	Friday 20-Jan-2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı- CVS Dept- Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Policlinics	Policlinics	Policlinics	Policlinics	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY - GROUP A

20 February – 03 March, 2023

LECTURES (20-24- Feb- 2023)

	Monday 20- Feb-2023	Tuesday 21- Feb-2023	Wednesday 22- Feb-2023	Thursday 23- Feb-2023	Friday 24- Feb-2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Lecture Introductory Course History of Cardiovascular Surgery <i>Halit Yerebakan</i>	Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	Lecture Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY – GROUP A
PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
(27 Feb- 03 March 2023)

	Monday 27- Feb-2023	Tuesday 28-Feb-2023	Wednesday 01-Mar-2023	Thursday 02-Mar-2023	Friday 03-Mar-2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı- CVS Dept- Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Policlinics	Policlinics	Policlinics	Policlinics	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY - GROUP B

20-31 March,2023

LECTURES (20-31 Mar- 2023)

	Monday 20-Mar-2023	Tuesday 21-Mar-2023	Wednesday 22-Mar-2023	Thursday 23-Mar-2023	Friday 24-Mar-2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Lecture Introductory Course History of Cardiovascular Surgery <i>Halit Yerebakan</i>	Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>	Lecture Aortic Aneurysm and Aortic Dissection <i>Halit Yerebakan</i>	Lecture Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	
11.30 – 12.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	Lecture Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Lecture Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	Lecture Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CARDIOVASCULAR SURGERY - GROUP D
PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
(27-31, March 2023)

	Monday 27-Mar-2023	Tuesday 28-Mar-2023	Wednesday 29-Mar-2023	Thursday 30-Mar-2023	Friday 31-Mar- 2023
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10-20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı- CVS Dept- Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Policlinics	Policlinics	Policlinics	Policlinics	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Uğur Anıl Bingöl, MD. Prof. (Head of the Department)

AIM AND LEARNING OBJECTIVES OF PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

AIM

Aim of this clerkship is to;

1. convey necessary knowledge on diagnosis differential diagnosis and surgical treatment options of congenital anomalies, skin lesions, oncologic surgery and reconstruction, burns, hand surgery, facial and oral surgery and trauma,
2. equip students with necessary knowledge, skills and attitudes required to recognize clinical conditions in primary care and decide treatment,
3. equip students with necessary knowledge, skills and attitudes required to refer Patient to advanced healthcare units upon indication.

LEARNING OBJECTIVES

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

KNOWLEDGE

1. **summarize** stages of systemic response to trauma
2. **assess** intervention to traumatized patient
3. **explain** theoretical knowledge in detail about wound healing, treatment options of open wounds
4. **explain** types of burns, classification, diagnosis and initial interventions for treatment
5. **explain** fluid-electrolyte balance
6. **discuss** basics of blood transfusion, hemostasis and coagulation
7. **define** prophylaxis and treatment options of surgical site infections
8. **assess** existing signs and symptoms of emergency patients
9. **evaluate** pre-diagnosis and differential diagnosis and treatment steps
10. **select** available laboratory or imaging tests
11. **explain** etiopathogenesis, signs and symptoms, differential diagnosis and surgical treatment options of congenital anomalies
12. **assess** signs and symptoms, differential diagnosis and treatment options of surgical diseases of breast
13. **select** necessary tests for breast cancer and other mammary diseases
14. **assess** signs and symptoms, differential diagnoses and surgical treatments of face and jaw diseases
15. **assess** signs and symptoms, differential diagnosis and surgical treatment options of extremity diseases
16. **distinguish** need for emergency surgery
17. **describe** basic principles of surgical oncology and oncologic reconstruction

SKILLS

18. **perform** physical examination of emergency patients
19. **perform** neurological examination of cranial nerves
20. **perform** breast examination
21. **use** proper suture techniques

ATTITUDES

22. **respect** patient-doctor communication and patient privacy
23. **value** importance of informing patient and patient's relatives
24. **refer** patient to further health care centers when necessary

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil.Paper Tests)	Proportion (in Pass/Fail Decision)
Multiple Choice Questions	50%
Extended Matching Questions	10%
Key Features	10%
Essay Questions	10%
Short Response Essay Questions	10%
Essay Questions (with pictures)	10%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Oral Exam (OE)	40%
Mini Clinical Evaluation Exercise (Mini.CEX)	40%
Global Evaluation of Student's Performance (Without Checklist)	20%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil.Paper Tests	50%
Other Assessments Methods and Tools	50%
Total	100 %

GROUP A	GROUP B	GROUP C	GROUP D
17.04.2023-28.04.2023	25.05.2023-02.06.2023	28.11.2022-07.12.2022	29.12.2022-06.01.2023

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
09.00-10.20	Lecture Scope of Plastic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Lecture Wound Healing <i>Uğur Anıl Bingöl</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>	Practical Lessons	Practical Lessons	Assessment Session
10.30-12.00	Lecture Cosmetic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program Independent Learning
12.00-13.00	Lunch	Lunch	Lunch	Lunch			
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Uğur Anıl Bingöl</i>	Lecture Cleft Lip and Palate <i>Uğur Anıl Bingöl</i>			
	Independent Learning	Independent Learning	Independent Learning	Independent Learning			

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

THORACIC SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Thoracic Surgery: Sina Ercan, MD. Prof.

&

**SÜREYYAPAŞA THORACIC DISEASES AND
THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL**

S. Volkan Baysungur, MD. Prof.

Serdar Evman, MD. Assoc. Prof.

Aysun Kosif, MD. Assoc. Prof.

AIM AND LEARNING OBJECTIVES OF THORACIC SURGERY

AIM

Aim of this clerkship is to;

1. Equip students with necessary knowledge, skills and attitudes required to recognize emergencies of major airways, pulmonary vascular structures, lungs, chest wall, esophagus and other frequent pathologies,
2. Equip students with necessary knowledge, skills and attitudes required to complete initial workup to confirm diagnosis,
3. Equip students with necessary knowledge, skills and attitudes required to organize initial treatment as well as arranging quick transfer to a next level health center when needed,
4. Provide students with necessary theoretical and practical training.

LEARNING OBJECTIVES

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

KNOWLEDGE

- 1.0. Define anatomy of structures related to thoracic surgery including lungs, thoracic wall, mediastinum, major airways and esophagus,
- 2.0. Define necessary workup and invasive procedures in accordance with preliminary diagnosis
- 3.1. Evaluate treatment options for patient according to preliminary diagnosis,
- 3.2. Select appropriate treatment option for patient
- 4.0. Define findings of shock in patients with tension pneumothorax, hemoptysis, or trauma interpret basic concepts regarding blood transfusion, hemostasis, and coagulation
- 5.0. Recognize contemporary techniques and technologies used in thoracic surgery
- 6.0. Interpret basic principles of surgical oncology

SKILLS

- 7.0. Perform Physical Examination of a normal respiratory system and upper digestive system
- 8.0. Perform needle decompression of tension pneumothorax
- 9.0. Assess Mallampaty level of patient for a safe airway
- 10.0. Locate appropriate point of drainage on patient, according to chest x-ray findings

ATTITUDES

- 11.0. Realize physician's responsibilities to provide counseling and education to patient and patient's relatives regarding general health screening and surveillances (such as smoking cessation, colonoscopy, mammography, etc.) according to patient's sex, age and race if appropriate.
- 12.0. Respect patient-doctor communication and patient privacy
- 13.0. Obtain complete history with appropriate communication skills and behaving in a good manner towards patient and patient's relatives.
- 14.0. Value providing appropriate transport conditions in accordance with regulations.

COMPETENCIES

- 15.0. Plan basic approach and treatment to traumatized patient.
- 16.0. Plan initial management and workup tests of patient presented with respiratory insufficiency
- 17.0. Do preliminary diagnosis in thoracic pathologies by going over differential diagnosis
- 18.0. Realize importance of providing necessary information to patient or patient's relatives
- 19.0. Manage postoperative wound care and dressing
- 20.1. Do followup postoperative patients according to vital parameters, fluid and electrolyte balance, and surgical drain outputs,
- 20.2. Interpret correctly postoperative chest x-rays in order to plan appropriate management
- 21.0. Refer patient to further health care centers upon indication

NCC 2014 – Essential Medical Procedures (Thoracic Surgery)	Performance Level
Respiratory system examination	3
Reading and evaluating direct radiographs	4
Performing pleural puncture	3
Evaluating pulmonary function tests	3

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil.Paper Tests)	Proportion of Questions
Multiple Choice Questions	45%
Total	45%
Other Assessment Methods and Tools	Proportion
Oral Exam (OE)	50%
Objective Structured Clinical Exam (OSCE)	5%
Total	55%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	45%
Other Assessments Methods and Tools	55%
Total	100%

THORACIC SURGERY Group 1							
	Thursday 8 Dec 2022 @Kayışdağı	Friday 9 Dec 2022 @Sultanbeyli	Monday 12 Dec 2022 @Kayışdağı	Tuesday 13 Dec 2022 @Kayışdağı	Wednesday 14 Dec 2022 @Sultanbeyli	Thursday 15 Dec 2022 @Sultanbeyli	Friday 16 Dec 2022
08.30-09.15	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience InPatient Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions R.Serdar Evman	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Aysun Kosif	Lecture Radiological Evaluation in Thoracic Surgery R.Serdar Evman	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operating room R.Serdar Evman	
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Lecture Chest Wall Diseses and Surgical Treatment R.Serdar Evman	Lecture Tracheobronchial & Esophageal Foreign Bodies Aysun Kosif	Clinical Experience InPatient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	
11.10-12.00	Case Presentation (Faculty) Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman	Case Presentation (Faculty) R.Serdar Evman	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	
12.00-13.00	Lunch						
13.00-13.45	Lecture Thoracic Trauma I Aysun Kosif	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Lecture Diaphragmatical Diseases and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Written Exam
13.55-14.40	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgic Tube thoracostomy R.Serdar Evman	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Lecture Hemoptysis R.Serdar Evman	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif	Oral Exam
14.50-15.35	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Case Presentation (Faculty) R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY Group 2

	Monday 19 Dec 2022 @Kayışdağı	Tuesday 20 Dec 2022 @Sultanbeyli	Wednesday 21 Dec 2022 @Kayışdağı	Thursday 22 Dec 2022 @Kayışdağı	Friday 23 Dec 2022 @Sultanbeyli	Monday 26 Dec 2022 @Sultanbeyli	Tuesday 27 Dec 2022	Wednesday 28 Dec 2022
08.30-09.15	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience InPatient Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions R.Serdar Evman	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Aysun Kosif	Lecture Radiological Evaluation in Thoracic Surgery R.Serdar Evman	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operating room R.Serdar Evman		
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Lecture Chest Wall Diseases and Surgical Treatment R.Serdar Evman	Lecture Tracheobronchial & Esophageal Foreign Bodies Aysun Kosif	Clinical Experience InPatient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman		
11.10-12.00	Case Presentation (Faculty) Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman	Case Presentation (Faculty) R.Serdar Evman	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur		
12.00-13.00	Lunch							
13.00-13.45	Lecture Thoracic Trauma I Aysun Kosif	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Lecture Diaphragmatical Diseases and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Independent Learning Preparation for the Exam	Written Exam
13.55-14.40	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Lecture Hemoptysis R.Serdar Evman	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif		Oral Exam
14.50-15.35	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Case Presentation (Faculty) R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY Group 3

	Tuesday 2 May 2022 @Kayışdağı	Wednesday 3 May 2022 @Sultanbeyli	Thursday 4 May 2022 @Kayışdağı	Friday 5 May 2022 @Kayışdağı	Monday 8 May 2022 @Sultanbeyli	Tuesday 9 May 2022 @Sultanbeyli	Wednesday 10 May 2022	Thursday 11 May 2022	Friday 12 May 2022
08.30-09.15	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience In Patient Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions R.Serdar Evman	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Aysun Kosif	Lecture Radiological Evaluation in Thoracic Surgery R.Serdar Evman	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operating room R.Serdar Evman			
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Lecture Chest Wall Diseases and Surgical Treatment R.Serdar Evman	Lecture Tracheobronchial & Esophageal Foreign Bodies Aysun Kosif	Clinical Experience In Patient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman			
11.10-12.00	Case Presentation (Faculty) Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman	Case Presentation (Faculty) R.Serdar Evman	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur			
12.00-13.00	Lunch								
13.00-13.45	Lecture Thoracic Trauma I Aysun Kosif	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Written Exam
13.55-14.40	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Lecture Hemoptysis R.Serdar Evman	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif			Oral Exam
14.50-15.35	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Case presentation (Faculty) R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam			

THORACIC SURGERY Group 4

	Monday 15 May 2022 @Kayışdağı	Tuesday 16 May 2022 @Sultanbeyli	Wednesday 17 May 2022 @Kayışdağı	Thursday 18 May 2022 @Kayışdağı	Thursday 19 May 2022	Friday 22 May 2022 @Sultanbeyli	Monday 23 May 2022 @Sultanbeyli	Wednesday 24 May 2022
08.30-09.15	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience InPatient Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions R.Serdar Evman	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	National Holiday	Clinical Experience Surgical Intensive care unit Aysun Kosif	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Aysun Kosif	Lecture Radiological Evaluation in Thoracic Surgery R.Serdar Evman	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif		Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operating room R.Serdar Evman	
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Lecture Chest Wall Diseases and Surgical Treatment R.Serdar Evman	Lecture Tracheobronchial & Esophageal Foreign Bodies Aysun Kosif		Clinical Experience InPatient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	
11.10-12.00	Case Presentation (Faculty) Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman	Case Presentation (Faculty) R.Serdar Evman		Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	
12.00-13.00	Lunch							
13.00-13.45	Lecture Thoracic Trauma I Aysun Kosif	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	National Holiday	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Written Exam
13.55-14.40	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Lecture Hemoptysis R.Serdar Evman		Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif	Oral Exam
14.50-15.35	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Case Presentation (Faculty) R.Serdar Evman		Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CLINICAL ETHICS

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Elif Vatanoglu Lutz, MD. Prof.

AIM AND LEARNING OBJECTIVES OF CLINICAL ETHICS

AIM

Aim of this clerkship is to;

1. remind students essential knowledge on medical ethics,
2. equip students with necessary knowledge, skills and attitudes essential for interpersonal communication skills in medical practice, especially with a focus on cases that may be encountered in routine clinical practice from the aspects of medical ethics and medical law.

LEARNING OBJECTIVES

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

KNOWLEDGE

- 1.0. justify ethical principals by recognizing ethics problems and using basic ethics Approach
- 2.0. define deontological sanctions recognizing part of medical deontology subjects besides legal subjects
- 3.0. outline importance of informed consent in every medical attempt
- 4.0. classify medical information systems in the framework of legal and ethical codes
- 5.0. evaluate doctor's attitude in terms of ethics in recognition of human rights concept in medicine (e.g. in cases of torture, convict Patients' treatment rights, virginity control or dead penalty)
- 6.1. define communication,
- 6.2. classify communication techniques and concepts about communication, recognizing positive and negative aspects of various types of doctor patient relationships
- 7.0. explain useful communication techniques in relationship with people who are desperately ill, recognizing people's different roles and different reactions as important bases in the presence of desperate cases
- 8.1. list concept of aborts and connected terms,
- 8.2. describe legal and ethical responsibilities in these cases
- 9.0 outline ethics Approach and value conflicts about organ donation, considering complete legal regulations and ethical codes in the world and in our country
- 10.0 relate doctor's responsibility with ethical principles in distribution and use of medical sources
- 11.0 recognize respect for Patient's privacy as a basic subject of medicine and doctors' social responsibility.
- 12.0 recognize ethical problems in usage of technology as new reproduction methods
- 13.1. define ethical problems recognizing people's curiosity limit and doctor's social responsibility,
- 13.2. explain importance of genetic consultancy in terms of ethics and ethical problems considering cloning and genome projects.
- 14.0. list international and national regulations in the face of value problems that may occur in process of search and edition.
- 15.0. define code of ethics that are important to protect the rights of experimental subjects
- 16.0. relate concepts of illness and deformity involved in plastic surgery
- 17.0. explain systematically and critically the process of making decision about end of life

SKILLS

- 18.0. use body language and verbal language in communication with Patient in the right way

ATTITUDES

- 19.0. emphasize suitable and full information in order to solve a problem
- 20.0. communicate in the right way while talking to and about Patients at the end of life
- 21.0. improve the techniques about making rapid decision concerning the end of the life
- 22.0. empathize for comprehending importance of individual privacy
- 23.0. consult patient and or relatives without being a router
- 24.0. show respect for Patient's privacy in academic and scientific environments
- 25.0. comprehend that honesty is the essential principle in process of research and publication stage
- 26.0. implement a sensitive policy for value conflicts and ethical dilemmas in order to justify them

COMPETENCIES

- 27.0. use effective communication and conflict resolution skills being sensitive to value problems in relationship with Patient
- 28.0. conduct a team work when necessary for dealing with pressure and anxiety arising from dying Patient and relatives
- 29.0. make a multidisciplinary team work on organ donations by implementing a sensitive policy about organ donations and related value conflicts and ethical dilemmas

ASSESSMENT

This table shows assessment methods/tools used in training program.

Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Case Presentation (With Checklist)	50%
Research Paper Homework	50%
Total	100%

CLINICAL ETHICS / September 05 -09, 2022 (face to face)					
	Monday 05.Sept.2022	Tuesday 06 Sept.2022	Wednesday 07 Sept.2022	Thursday 08. Sept.2022	Friday 09. Sept.2022
09.00-09.50	Introductory Session (Introduction to the General Medical Ethics Principles) Elif Vatanođlu Lutz	Independent Learning Preparation for Student Presentations	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations Elif Vatanođlu Lutz	Collecting the papers
10.00-10.50	Repeating Physician-Patient Relationship Models Elif Vatanođlu Lutz				Lecture and Discussion (large group) Student Presentations
11.00-11.50	Application of Medical Ethics Principles to Different Physician- Patient Relationship Models Elif Vatanođlu Lutz				Student Presentations Elif Vatanođlu Lutz
12.00-12.50	Lunch				
13.00-13.50	Explaining the Interdisciplinary Approach between Medical Law and Medical Ethics Elif Vatanođlu Lutz	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations Elif Vatanođlu Lutz	Lecture and Discussion (large group) Student Presentations Elif Vatanođlu Lutz	Lecture and Discussion (large group) Student Presentations Elif Vatanođlu Lutz
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey Elif Vatanođlu Lutz				
15.00- 15.50	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey Elif Vatanođlu Lutz				
16.00-16.50	Science Ethic Elif Vatanođlu Lutz				
17.00-17:50	Research Ethic Elif Vatanođlu Lutz				

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Public Health: Hale Arık Taşyikan, MD Assist. Prof. MPH

Özlem Tanrıöver, MD Prof. MPH

Ebru Çayır, MD, PhD Assist. Prof.

AIM AND LEARNING OBJECTIVES OF EVIDENCE-BASED MEDICINE

AIM

Aim of this clerkship is to;

1. convey how to access to the updated information that is needed in making decisions about the care of individual patients
2. develop skills for using the obtained evidence.

LEARNING OBJECTIVES

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

- 1.0. define
- 1.1. the steps to evidence based medicine
- 1.2. a clinical question in p_{ico} format from a patient scenario
- 1.3. main databases necessary for evidence based medicine
- 1.4. research methods and hierarchy among methods for producing evidence
- 1.5. the types of clinical questions
- 1.6. clinical evidence using clinical query database
- 1.7. common study designs. Identify the major strengths and limitation of each.
- 1.8. which study designs are best for answering clinical questions related to therapy/prevention.
- 2.0. therapy/prevention
- 2.1. assess study for validity
- 2.2. derive number needed to treat (nnt), number needed to harm (nnh)
- 2.3. interpret confidence intervals, p values, relative risk, odds ratio, hazard ratio
- 2.4. apply therapy evidence to patients
- 2.5. define bias in epidemiologic studies
- 2.6. define confounding factor in epidemiologic studies
- 3.0. diagnosis
- 3.1. assess study for validity
- 3.2. derive sensitivity, specificity, positive predictive value, negative predictive value, and likelihood ratios.
- 3.3. apply diagnostic evidence to patients
- 3.4. summarize diagnostic evidence in written report
- 3.5. summarize diagnostic evidence verbally to colleagues
- 3.6. summarize and interpret diagnostic evidence for a patient in terms he/she will understand
- 4.0. communication skills
- 4.1. identify common pitfalls to communicating evidence to patients
- 4.2. describe the steps to communicating evidence to patients
- 4.3. advocate and use the evidence based medicine approach

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of EBM homework (with a checklist)	50%
Evaluation of group presentations and discussions (with a checklist)	40%
Participation to sessions	10%
Total	100 %

PUBLIC HEALTH (EVIDENCE BASED MEDICINE) / September 12 – 16, 2022					
	Monday 12.Sept.2022	Tuesday 13. Sept.2022	Wednesday 14. Sept.2022	Thursday 15. Sept.2022	Friday 16. Sept.2022
09.00-09.50	Introductory Session Lecture Introduction to EBM <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arık Taşyikan/ Ebru Çayır</i>	Discussion (Large Group) An EBM Story	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
10.00-10.50		Preparation for EBM homework		Discussion (Large Group) An EBM Story	
11.00-11.50			Lecture Confounding Factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>		
12.00-13.00	Lunch				
13.00-14.50	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence Facilitators: <i>Özlem Tanrıöver Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Özlem Tanrıöver Hale Arık Taşyikan Ebru Çayır</i>	The facilitator's feedback to the student on the EBM homework <i>Özlem Tanrıöver Hale Arık Taşyikan Ebru Çayır</i>	Preparation for, and submission of the EBM homework (latest:14.00)	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
15.00-17.50	Structured group presentations and discussions Facilitators: <i>Özlem Tanrıöver Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators: <i>Özlem Tanrıöver Hale Arık Taşyikan Ebru Çayır</i>	The facilitator's feedback to the student on the EBM homework <i>Özlem Tanrıöver Hale Arık Taşyikan Ebru Çayır</i>	The facilitator's feedback to the student on the EBM homework <i>Özlem Tanrıöver Hale Arık Taşyikan Ebru Çayır</i>	
17.00-17.50					Program Evaluation Session <i>Özlem Tanrıöver, Hale Arık Taşyikan</i>

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

EMERGENCY MEDICINE

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Emergency Medicine: Sezgin Sarıkaya, MD. Prof.

Pınar Tura, MD, Assist. Prof.

Ferudun Çelikmen, MD, Assist. Prof.

Mustafa Yazıcıoğlu, MD, Assist. Prof.

Cem Şimşek, MD, Assist. Prof.

Emin Gökhan Gencer, MD, Assist. Prof.

Hande Candemir, MD, Assist. Prof.

Erman Uygun, MD, Emergency Med. Specialist

Gözde Şen, MD, Emergency Med. Specialist

Abuzer Kekeç, MD, Emergency Med. Specialist

AIM AND LEARNING OBJECTIVES OF EMERGENCY MEDICINE

AIM

The aim of Emergency Medicine program is to educate doctors who can manage the diseases of cardiovascular system, respiratory system in primary health care settings, when necessary can also consult the patient with other branches and organize the therapy and/or follow-up, can refer the patient to upper healthcare facilities providing appropriate transporting conditions. And also who can manage with all types of critical patients including arrest patients and who have chest pain, shortness of breath, any kind of trauma, stroke and hypotension

LEARNING OBJECTIVES

In the end of the Emergency Medicine program the students should be able to;

KNOWLEDGE

- synthesize chief complaint, history, physical examination, and available medical information to develop a differential diagnosis
- based on all of the available data, narrow and prioritize the list of weighted differential diagnoses to determine appropriate management
- demonstrate clear and concise documentation that describes medical decision-making, ED course, and supports the development of the clinical impression and management plan
- use diagnostic testing based on the pre-test probability of disease and the likelihood of test results altering management.

SKILLS

- perform basic and advanced airway procedures, basic life support
- perform advanced cardiac and trauma life support for adults and children
- manage with a polytrauma patient
- differentiate the reasons of chest pain and treat acute coronary syndromes
- explain the types of shock, manage with a shock patient, define the differentials, select the proper treatment
- define the rhythm on ECG, approach to a patient with tachycardia/bradycardia
- explain the toxidromes and approach to an intoxicated patient
- explain the basic principles of disaster management
- arrange necessary consultation with physicians and other professionals when needed

ATTITUDE

- consider the expectations of those who provide or receive care in the ED and use communication methods that minimize the potential for stress, conflict, and miscommunication
- establish rapport with and demonstrate empathy toward patients and their families
- recognize and resolve interpersonal conflict in the emergency department including conflicts with patients and family
- communicate information to patients and families using verbal, nonverbal, written, and technological skills, and confirm understanding
- communicate risks, benefits, and alternatives to therapeutic interventions to patients and/or appropriate surrogates, and obtain consent when indicated

NCC 2014 – Essential Medical Procedures (Emergency Medicine)	Performance Level
General and symptom-based history taking	3
Mental status evaluation	2
Abdominal physical examination	4
Consciousness assessment and mood state examination	2
General condition and vital signs assessment	3
Cardiovascular system examination	3
Musculoskeletal system examination	2
Respiratory system examination	2
Taking and assessing ECG	4
“Airway” manipulation	4
Bandaging and tourniquet application	2
Defibrillation	4
Restriction and stopping external bleeding	2
Intubation	4
Glasgow-coma-scale assessment	3
Disease / Trauma level scoring assessment	2
Appropriate patient transportation	2
Giving patient recovery position	4
Removal of foreign body with appropriate maneuver	3
Providing advanced life support	4
Cervical collar application	2
Providing basic life support	4
Transporting detached limb after trauma	3

ASSESSMENT

This table shows question types and assessment methods/tools used in training program.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Total	100%
Other Assessment Methods and Tools	Proportion (in Other Assessment Methods and Tools)
Evaluation of Student Presentation	100%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
Total	100%

EMERGENCY MEDICINE PROGRAM

GROUP D 17.10.2022-28.10.2022

GROUP D					
	Monday 17-Oct-2022	Tuesday 18-Oct-2022	Wednesday 19-Oct-2022	Thursday 20-Oct-2022	Friday 21-Oct-2022
09:00-12:00	Lecture Triage and General Approach to Critical Patient <i>Erman Uygun</i> Lecture Approach to Chest Pain <i>Emin Gökhan Gençer</i>	Lecture ACLS/BLS <i>Pınar Tura</i> Lecture Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	Lecture Shock <i>Hande Candemir</i> Lecture ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group D1-D2	Student Presentations Group D3-D4
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	Lecture Management of ACS <i>Mustafa Yazıcıoğlu</i> Lecture Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	Lecture Approach to Dispnea <i>Özkan Eraslan</i> Lecture Stroke <i>Sezgin Sarıkaya</i>	Lecture Airway Management <i>Mustafa Yazıcıoğlu</i> Lecture Approach to the Poisoned Patient <i>Emin Gökhan Gençer</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP D					
	Monday 24-Oct-2022	Tuesday 25-Oct-2022	Wednesday 26-Oct-2022	Thursday 27-Oct-2022	Friday 28-Oct-2022
09:00-12:00	Student Presentations Group D5-D6	Student Presentations Group D7-D8	Student Presentations Group D9-D10	Clinical Experience (Emergency Department)	Theoretical exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation session
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

GROUP C 14.11.22-25.11.22

GROUP C					
	Monday 14-Nov-2022	Tuesday 15-Nov-2022	Wednesday 16-Nov-2022	Thursday 17-Nov-2022	Friday 18-Nov-2022
09:00-12:00	Lecture Triage and General Approach to Critical Patient <i>Erman Uygun</i> Lecture Approach to Chest Pain <i>Emin Gökhan Gençer</i>	Lecture ACLS/BLS <i>Pınar Tura</i> Lecture Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	Lecture Shock <i>Hande Candemir</i> Lecture ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group C1-C2	Student Presentations Group C3-C4
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	Lecture Management of ACS <i>Mustafa Yazıcıoğlu</i> Lecture Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	Lecture Approach to Dispnea <i>Özkan Eraslan</i> Lecture Stroke <i>Sezgin Sarıkaya</i>	Lecture Airway Management <i>Mustafa Yazıcıoğlu</i> Lecture Approach to the Poisoned Patient <i>Emin Gökhan Gençer</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP C					
	Monday 21-Nov-2022	Tuesday 22-Nov-2022	Wednesday 23-Nov-2022	Thursday 24-Nov-2022	Friday 25-Nov-2022
09:00-12:00	Student Presentations Group C5-C6	Student Presentations Group C7-C8	Student Presentations Group C9-C10	Student Presentations Group C11-C12	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation Session
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

GROUP A 03.04.23-14.04.23

GROUP A					
	Monday 03-Apr-2023	Tuesday 04-Apr-2023	Wednesday 05-Apr-2023	Thursday 06-Apr-2023	Friday 07-Apr-2023
09:00-12:00	Lecture Triage and General Approach to Critical Patient <i>Erman Uygun</i> Lecture Approach to Chest Pain <i>Emin Gökhan Gençer</i>	Lecture ACLS/BLS <i>Pınar Tura</i> Lecture Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	Lecture Shock <i>Hande Candemir</i> Lecture ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group A1-A2	Student Presentations Group A3-A4
12:00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-17:00	Lecture Management of ACS <i>Mustafa Yazıcıoğlu</i> Lecture Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	Lecture Approach to Dispnea <i>Özkan Eraslan</i> Lecture Stroke <i>Sezgin Sarıkaya</i>	Lecture Airway Management <i>Mustafa Yazıcıoğlu</i> Lecture Approach to the Poisoned Patient <i>Emin Gökhan Gençer</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP A					
	Monday 10-Apr-2023	Tuesday 11-Apr-2023	Wednesday 12-Apr-2023	Thursday 13-Apr-2023	Friday 14-Apr-2023
09:00-12:00	Student Presentations Group A5-A6	Student Presentations Group A7-A8	Student Presentations Group A9-A10	Student Presentations Group A11-A12	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	Clinical Experience (Emergency Department) (GroupA3a)	Clinical Experience (Emergency Department) (GroupA7a)	Clinical Experience (Emergency Department) (GroupA6a)	Clinical Experience (Emergency Department) (GroupA5a)	Evaluation Session
17:00-21:00	Experience (Emergency Department) (GroupA3b)	Experience (Emergency Department) (GroupA7b)	Experience (Emergency Department) (GroupA6b)	Experience (Emergency Department) (GroupA5b)	

GROUP B 05.06.23-16.06.23

GROUP B					
	Monday 05-Jun-2023	Tuesday 06-Jun-2023	Wednesday 07-Jun-2023	Thursday 08-Jun-2023	Friday 09-Jun-2023
09:00-12:00	Lecture Triage and General Approach to Critical Patient <i>Erman Uygun</i> Lecture Approach to Chest Pain <i>Emin Gökhan Gençer</i>	Lecture ACLS/BLS <i>Pınar Tura</i> Lecture Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	Lecture Shock <i>Hande Candemir</i> Lecture ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group B1-B2	Student Presentations Group B3-B4
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	Lecture Management of ACS <i>Mustafa Yazıcıoğlu</i> Lecture Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	Lecture Approach to Dispnea <i>Özkan Eraslan</i> Lecture Stroke <i>Sezgin Sarıkaya</i>	Lecture Airway Management <i>Mustafa Yazıcıoğlu</i> Lecture Approach to the Poisoned Patient <i>Emin Gökhan Gençer</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP B					
	Monday 12-Jun-2023	Tuesday 13-Jun-2023	Wednesday 14- Jun-2023	Thursday 15- Jun-2023	Friday 16- Jun-2023
09:00-12:00	Student Presentations Group B5-B6	Student Presentations Group B7-B8	Student Presentations Group B9-B10	Student Presentations Group B11-B12	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation Session
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

PHASE IV STUDENT COUNSELING

Student counseling is a structured development process established between the student and the consultant that aims to maximize student success by focusing the student to her/his target. Although the major component of this relationship is the student, the faculties also take part by bringing the requirements of this interaction to their systems. The targeted outcomes of the consultant-student interaction are success in the exams, success in the program, and preparation for the professional life. The aim of counseling is to help students to solve their problems, to give professional guidance, to provide coaching, to contribute to adopting the habit of lifelong learning, to provide information about the University and Faculty, to follow their success and failure and to help them select courses.

The consultants selected among Basic Medical Sciences instructors for the first three years transfer the students to Clinical Sciences instructors for the following three years.

The topics that will be addressed by the consultants are as follows:

- a) Inform students about the university, faculty and surrounding facilities
- b) Inform students about the courses and help them select courses
- c) Inform students about the education and assessment regulations
- d) Follow students attendance to lectures and success
- e) In case of failure, investigate the causes and cooperate with the students to overcome them
- f) Help students in career planning
- g) Contribute to students adapting the habit of lifelong learning
- h) Guide students to counseling services of the university
- i) Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, physician awareness are concerned
- j) Contribute to cultivation of professional and intellectual development in a rapidly changing world
- k) Acknowledge the coordinator when there are unsolved problems of the students
- l) Consultant-student relationship is a dynamic and mutual process carried out in the campus and the hospital. It is recommended that the consultant and the student meet at least twice during a semester.

The expectations from the student are as follows:

- a) Contribute to improvement of satisfaction level in the problem areas
- b) Report the social and economic conditions that require consultant's help
- c) Specify expectations from the education and the department from which this training is taken
- d) Give feedback on the counseling services regarding their satisfaction level
- e) Student counsellors will be appointed after finalization of the class list and will be announced to the students.
- f) After the announcement of the counsellors on the information board, each student is expected to contact his/her counsellor until the end of the first month.

2022 - 2023 PHASE IV LIST OF STUDENT COUNSELING

	STUDENT	NAME	SURNAME	COUNSELOR
1	20190800117	ELMIRA	ABDULLAYEVA	DR. ÖĞRETİM ÜYESİ MUSTAFA YAZICIOĞLU
2	20190800020	LIYAN	ABU SHETAYYAH	DR. ÖĞRETİM ÜYESİ MUSTAFA YAZICIOĞLU
3	20190800103	ELİF	ACAR	DR. ÖĞRETİM ÜYESİ MUSTAFA YAZICIOĞLU
4	20190800013	ALİ	ADLI	DR. ÖĞRETİM ÜYESİ MUSTAFA YAZICIOĞLU
5	20190800077	FUAT TUNCA	AKCAN	DR. ÖĞR. ÜYESİ MERT YEŞİLADALI
6	20200800013	DİLARA ECREN	ALAEDDİNOĞLU	DR. ÖĞR. ÜYESİ MERT YEŞİLADALI
7	20180800095	SERRA	ALARÇIN	DR. ÖĞR. ÜYESİ MERT YEŞİLADALI
8	20190800036	AYŞE	ARICI	DR. ÖĞR. ÜYESİ MERT YEŞİLADALI
9	20190800016	RABİA AYBÜKE	ARIKAN	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
10	20190800073	SEVGİ DEREN	ARSLAN	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
11	20210800013	ARDA	ARSLAN	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
12	20190800004	AYLIN	ATES	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
13	20220800039	AYHAN	ATUĞ	DR. ÖĞR. ÜYESİ MUSTAFA AYTEK ŞİMŞEK
14	20210800037	ZEYNEL ADEL	AYCAN	DR. ÖĞR. ÜYESİ MUSTAFA AYTEK ŞİMŞEK
15	20190800071	BİLGESU	AYDIN	PROF. DR. TOLGA AKSU
16	20200800026	BARAN	BARIŞ	PROF. DR. TOLGA AKSU
17	20180800102	ELİF ASENA	BAŞ	PROF. DR. TOLGA AKSU
18	20190800024	ÇAĞIN	BEKTAŞ	PROF. DR. BERRİN AKTEKİN
19	20210800160	HORBOD	BIGDELI	PROF. DR. TÜJEN ALKAN BOZKAYA
20	20190800055	BERFİN ECE	BİNGÜL	PROF. DR. TÜJEN ALKAN BOZKAYA
21	20190800035	ALKİM	BÜYÜKAŞIK	PROF. DR. TÜJEN ALKAN BOZKAYA
22	20180800117	DANIELA	CEDOLIN	PROF. DR. MUSTAFA ERHAN AYŞAN
23	20190800093	EGE CELİL	CEVANİ	PROF. DR. ÖMER FARUK BAYRAK
24	20200800022	DEFNE	ÇERKEŞ	PROF. DR. ÖMER FARUK BAYRAK
25	20190800087	İDİL	ÇETİN	PROF. DR. UĞUR ANIL BİNGÖL
26	20190800109	BUSE EYLÜL	ÇETİN	PROF. DR. MUZAFFER MURAT DEĞERTEKİN
27	20210800019	METİN	ÇİNÇİN	PROF. DR. MUZAFFER MURAT DEĞERTEKİN
28	20190800015	ZEYNEP	ÇOLAKOĞLU	PROF. DR. MÜZEYYEN DOĞAN
29	20190800112	TOKA	DABOUL	PROF. DR. MÜZEYYEN DOĞAN
30	20210800030	KAAN	DEMİR	PROF. DR. GAZANFER EKİNCİ
31	20190800038	BURCU SENA	DEMİRALP	PROF. DR. ÖZCAN GÖKÇE
32	20190800088	ZEYNEP	DENİZ	PROF. DR. ÖZCAN GÖKÇE
33	20190800025	BİLAL FIKRET	DİŞKAYA	PROF. DR. ÖZCAN GÖKÇE
34	20180800044	EMİR	DOĞAN	PROF. DR. AHMET HİLMİ KAYA
35	20190800106	AHMET	DOKUR	PROF. DR. AHMET HİLMİ KAYA
36	20190800094	ASUDE ZEYNEP	DÖNMEZ	PROF. DR. NEŞET KÖKSAL
37	20190800043	KEREM	DULUNDU	PROF. DR. NEŞET KÖKSAL
38	20180800081	YAĞMUR NİSA	DURŞUN	PROF. DR. YAŞAR KÜÇÜKARDALI
39	20190800127	NURAN	EMBABSHA	PROF. DR. YAŞAR KÜÇÜKARDALI
40	20220800046	ZEYNEP	ERBAŞ	PROF. DR. BALA BAŞAK ÖVEN
41	20190800046	DOĞA	ERGÜN	PROF. DR. BALA BAŞAK ÖVEN
42	20190800072	GÖNÜL ECE	ERK	PROF. DR. TURHAN ÖZLER
43	20180800080	NADİN	ESEDOĞLU	PROF. DR. TURHAN ÖZLER
44	20180800062	FATMA DİLAY	ESEN	PROF. DR. OLCAY ÖZVEREN
45	20200800141	İRİS ASLI	GÖK	PROF. DR. OLCAY ÖZVEREN
46	20220800026	DOĞA	GÖKALAN	PROF. DR. BANU MUSAFFA SALEPCİ
47	20180800051	GÖKBERK	GÖKÇE	PROF. DR. BANU MUSAFFA SALEPCİ
48	20180800093	DUYGU	GÖKHAN	DOÇ. DR. İLTER ALKAN
49	20190800100	ÜMİT ENES	GÜLER	DOÇ. DR. İLTER ALKAN
50	20190800027	SERHUN TAYLAN	GÜLSOY	DOÇ. DR. İLTER ALKAN
51	20190800075	MERT YAVUZ	GÜNERİ	DOÇ. DR. İLTER ALKAN
52	20190800031	DESTİNA	GÜREL	DOÇ. DR. FİLİZ ÇELEBİ

53	20190800066	ELİF	GÜRKAN	DOÇ. DR. FİLİZ ÇELEBİ
54	20180800037	MELİKE	GÜRTEKİN	DOÇ. DR. OSMAN MELİH TOPÇUOĞLU
55	20220800039	BUSE	GÜVENÇ	DOÇ. DR. OSMAN MELİH TOPÇUOĞLU
56	20190800017	SEMA	HAMAD AMEEN	DOÇ. DR. ÖZGE YABAŞ KIZILOĞLU
57	20190800129	JANA	HAMDAN	DOÇ. DR. ÖZGE YABAŞ KIZILOĞLU
58	20180800085	YAKUP	HANTA	DOÇ. DR. ÖZGE YABAŞ KIZILOĞLU
59	20220800045	ECE İLAYDA	HAYIRLIOĞLU	DOÇ. DR. ÖZGE YABAŞ KIZILOĞLU
60	20200800016	AHMET ONUR	HİZAN	PROF. DR. HALİT YEREBAKAN
61	20220800044	ALPEREN	ISSI	PROF. DR. HALİT YEREBAKAN
62	20180800034	ÖMER FARUK	İNAN	PROF. DR. HALİT YEREBAKAN
63	20180800103	HİLAL İZEL	İNCE	DOÇ. DR. OĞUZHAN ZAHMACIOĞLU
64	20190800021	NIGAR	JAHEDE	DOÇ. DR. OĞUZHAN ZAHMACIOĞLU
65	20170800018	BARKIN	KAHVECİGİL	DOÇ. DR. OĞUZHAN ZAHMACIOĞLU
66	20190800090	IRMAK	KANLIÇAY	DR. ÖĞR. ÜYESİ SEHA AKDUMAN
67	20190800037	KAYRA	KAPRAN	DR. ÖĞR. ÜYESİ SEHA AKDUMAN
68	20200800142	SIDIKA MELINDA	KARA	DR. ÖĞR. ÜYESİ ÖZLEM AKIN
69	20190800105	UMUT	KARADENİZ	DR. ÖĞR. ÜYESİ ÖZLEM AKIN
70	20180800090	BARIŞ	KARAHAN	DR. ÖĞR. ÜYESİ BURAK ÇAĞRI AKSU
71	20190800068	ALİ YİĞİT	KARAORMAN	DR. ÖĞR. ÜYESİ BURAK ÇAĞRI AKSU
72	20200800143	HANDE	KAYMAN	DR. ÖĞR. ÜYESİ OYA ALAGÖZ
73	20190800069	DOĞAN CAN	KILIÇARSLAN	DR. ÖĞR. ÜYESİ OYA ALAGÖZ
74	20190800092	TAN	KORAL	DR. ÖĞR. ÜYESİ HANDE CANDEMİR
75	20180800109	KAARDA	KÖSE	DR. ÖĞR. ÜYESİ HANDE CANDEMİR
76	20180800087	ATAKAN	KÜRTÜNLÜ	DR. ÖĞR. ÜYESİ MUSTAFA FERUDUN ÇELİKMEN
77	20190800084	EGEMEN	LAÇIN	DR. ÖĞR. ÜYESİ MUSTAFA FERUDUN ÇELİKMEN
78	20190800048	MERVE	LATİFİ	DR. ÖĞR. ÜYESİ MUSTAFA FERUDUN ÇELİKMEN
79	20190800067	RAUF KADİR	MAHRAMANLIOĞLU	DR. ÖĞR. ÜYESİ SEYHAN PERİHAN ÇOBANOĞLU SAF
80	20200800007	EGE TAN	MERİÇ	DR. ÖĞR. ÜYESİ SEYHAN PERİHAN ÇOBANOĞLU SAF
81	20180800108	ESRA	MUAMMER	DR. ÖĞR. ÜYESİ SEYHAN PERİHAN ÇOBANOĞLU SAF
82	20200800019	EGEMEN	ÖZBEK	DR. ÖĞR. ÜYESİ SEYHAN PERİHAN ÇOBANOĞLU SAF
83	20190800080	ZEYNEP SU	ÖZKAN	DR. ÖĞR. ÜYESİ ALP KAYIRAN
84	20180800111	ADEVİYE	ÖZSOY	DR. ÖĞR. ÜYESİ ALP KAYIRAN
85	20220800027	HÜSNÜ KANAN	PALABIYIK	DR. ÖĞR. ÜYESİ ALP KAYIRAN
86	20190800058	KEREM	PARLAR	DR. ÖĞR. ÜYESİ EZGİ HACİHASANOĞLU
87	20190800097	ELİF	PAŞALI	DR. ÖĞR. ÜYESİ MELİS GÖKÇE KOÇER YAZICI
88	20210800032	SELİN	PEKÇETİN	DR. ÖĞR. ÜYESİ MEHMET AKİF ÖZTÜRK
89	20190800063	SELİN İLKE	PEKER	DR. ÖĞR. ÜYESİ MEHMET AKİF ÖZTÜRK
90	20190800034	EYLÜL	PEKİNCE	DR. ÖĞR. ÜYESİ MEHMET AKİF ÖZTÜRK
91	20190800119	YARA	SAAD OTHMAN	DR. ÖĞR. ÜYESİ ENDİ ROMANO
92	20190800003	GİZEM	SATIRLI	DR. ÖĞR. ÜYESİ ENDİ ROMANO
93	20190800099	BORAN	SAYIN	DR. ÖĞR. ÜYESİ ELİF SAĞSAK
94	20170800121	MAHAMMAD	SHAHBAZOV	DR. ÖĞR. ÜYESİ ELİF SAĞSAK
95	20190800123	RAMISH MEHMOOD	SHAIKH	DR. ÖĞR. ÜYESİ PINAR TURA
96	20190800096	SENA LADİN	SICAKYÜZ	DR. ÖĞR. ÜYESİ PINAR TURA
97	20180800067	MEHMET EMİR	SULAR	DR. ÖĞR. ÜYESİ PINAR TURA
98	20190800086	KEMAL ANIL	TAÇYILDIZ	DR. ÖĞR. ÜYESİ PINAR TURA
99	20190800108	GÖKÇE	TAŞ	DR. ÖĞR. ÜYESİ AYÇA TÜRER CABBAR
100	20190800104	ASLI AYŞE	TEMURTAŞ	DR. ÖĞR. ÜYESİ AYÇA TÜRER CABBAR
101	20210800020	GÖKTUĞ	TERZİBAŞ	DR. ÖĞR. ÜYESİ AYÇA TÜRER CABBAR
102	20190800054	BEGÜM BİLGE	TINAZ	DR. ÖĞR. ÜYESİ AYÇA TÜRER CABBAR
103	20220800024	EMİR KANAN	TOPRAK	DR. ÖĞR. ÜYESİ ÇETİN TİMUR
104	20180800047	GİZEM	TOPUZ	DR. ÖĞR. ÜYESİ ÇETİN TİMUR
105	20190800083	İRİŞ	TOPUZ	PROF. DR. MERAL SÖNMEZOĞLU
106	20190800078	AHMET KAĞAN	TUYGUN	PROF. DR. MERAL SÖNMEZOĞLU

107	20190800049	ELİF İPEK	UYGUN	PROF. DR. SİNAN TATLIPINAR
108	20190800085	DORUK	ÜÇER	PROF. DR. SİNAN TATLIPINAR
109	20190800022	GİZEM	VURAL	PROF. DR. OKAN TAYCAN
110	20190800060	MELİS	VURAL	PROF. DR. OKAN TAYCAN
111	20180800009	AYAH	WAZZAN	PROF. DR. NESLİHAN TAŞDELEN
112	20190800045	ECRE MİRAY	YAPICIOĞLU	PROF. DR. NESLİHAN TAŞDELEN
113	20180800086	ABDULLAH SAMİ	YASİN	PROF. DR. NESLİHAN TAŞDELEN
114	20190800052	DENİZ BORA	YAVUZ	DOÇ. DR. İLKE BAHÇECİ ŞİMŞEK
115	20180800082	EZGİ	YEMŞEN	DOÇ. DR. İLKE BAHÇECİ ŞİMŞEK
116	20180800106	ECE	YILMAZ	PROF. DR. HALUK AYDIN TOPALOĞLU
117	20190800061	YUSUF	YURDSEVER	PROF. DR. HALUK AYDIN TOPALOĞLU
118	20160800004	MARIEH	ZAVODI	PROF. DR. BALA BAŞAK ÖVEN



**FACULTY OF MEDICINE / PHASE IV
CLERKSHIP ASSESSMENT FORM**

Student's Name and Surname:	
Student's Number:	
Department:	
Start and End Date of Clerkship:	
If repeated howmanyth:	

Success grades and letter grades are shown in the following table. When scoring, subjects such as, quality and amount of work, outlook, relations with patients and caregivers, commitment to task, professional knowledge, cooperation in clinic, attendance to meetings and motivation should be considered.

Grades and Letter grades are shown for Courses coded courses* in the following table:

Grades	Letter Grades
90-100	AA
80-89	BA
70-79	BB
65-69	CB
60-64	CC
59 or less	FF (Fail in the context of "Pass or Fail Calculations of the Courses" table pp.41)
0	FA (Fail due to non attendance to the courses)

* Please see <https://med.yeditepe.edu.tr/tr/mezuniyet-oncesi-tip-egitimi> for more information.

	Letter grade	Success grade
Estimated Grade:		

Head of the Department / Instructor in Charge :

Signature :

Date :

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Filiz BAKAR MD, Prof. (Co-coordinator)
Gökhan GENCER MD, Assist Prof. (Co-coordinator)
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