

YEDİTEPE UNIVERSITY
FACULTY of MEDICINE PHASE IV
ACADEMIC PROGRAM BOOK
2021– 2022

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 2021 – 2022)**

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)

Fırat DEMİRCAN MD, Assist Prof. (Co-coordinator)

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE CURRICULUM 2021-2022
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, Gastroenterohepatology, 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

ACADEMIC SCHEDULE 2021 – 2022

TRANSITION TO CLINICAL SETTINGS (3 DAYS) 01-03.09.2021 ONLINE			
CLINICAL ETHICS (1 WEEK) 06-10.09.2021 ONLINE			
PUBLIC HEALTH (1 WEEK) 13-17.09.2021 ONLINE			
GROUP A	GROUP B	GROUP C	GROUP D
INTERNAL MEDICINE (10 WEEKS) 20.09.2021-26.11.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS) 20.09.2021-26.11.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: SBÜ Zeynep Kamil Kadın ve Çocuk Hastalıkları TRAINING AND RESEARCH HOSPITAL. (K.L.K)	CARDIOLOGY (2 WEEKS) 20.09.2021-01.10.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL CARDIOVASCULAR SURGERY (2 WEEKS) 04.10.2021-15.10.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	GENERAL SURGERY (4 WEEKS) 20.09.2021-15.10.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
		GENERAL SURGERY (4 WEEKS) 18.10.2021-12.11.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	EMERGENCY MEDICINE (2 WEEKS) 18.10.2021-28.10.2021 YEDİTEPE UNIVERSITY HOSPITAL CARDIOLOGY (2 WEEKS) 01.11.2021-12.11.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
CHILD HEALTH AND PEDIATRICS (10 WEEKS) 29.11.2021-04.02.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: SBÜ Zeynep Kamil Kadın ve Çocuk Hastalıkları TRAINING AND RESEARCH HOSPITAL. (K.L.K)	INTERNAL MEDICINE (10 WEEKS) 29.11.2021-04.02.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL	EMERGENCY MEDICINE (2 WEEKS) 15.11.2021-26.11.2021 YEDİTEPE UNIVERSITY HOSPITAL PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 29.11.2021-07.12.2021 YEDİTEPE UNIVERSITY HOSPITAL THORACIC SURGERY (1,5 WEEK) 08.12.2021-17.12.2021 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 15.11.2021-17.12.2021 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL
CARDIOLOGY (2 WEEKS) 07.02.2022-18.02.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	GENERAL SURGERY (4 WEEKS) 07.02. 2022-04.03.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 20.12.2021-21.01.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL	THORACIC SURGERY (1,5 WEEK) 20.12.2021-28.12.2021 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL
CARDIOVASCULAR SURGERY (2 WEEKS) 21.02.2022-04.03.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 29.12.2021-07.01.2022 YEDİTEPE UNIVERSITY HOSPITAL CARDIOVASCULAR SURGERY (2 WEEKS) 10.01.2022-21.01.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
GENERAL SURGERY (4 WEEKS) 07.03. 022-01.04.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 07.03.2022-18.03.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL CARDIOVASCULAR SURGERY (2 WEEKS) 21.03.2022-01.04.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	INTERNAL MEDICINE (10 WEEKS) 24.01.2022-01.04.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS) 24.01.2022-01.04.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: SBÜ Zeynep Kamil Kadın ve Çocuk Hastalıkları TRAINING AND RESEARCH HOSPITAL. (K.L.K)
EMERGENCY MEDICINE (2 WEEKS) 04.04.2022-15.04.2022 YEDİTEPE UNIVERSITY HOSPITAL PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 18.04.2022-26.04.2022 YEDİTEPE UNIVERSITY HOSPITAL THORACIC SURGERY (1,5 WEEK) 27.04.2022-13.05.2022 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 04.04.2022-13.05.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL		
OBSTETRICS AND GYNECOLOGY (5 WEEKS) 16.05.2022-17.06.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL	THORACIC SURGERY (1,5 WEEK) 16.05.2022-25.05.2022 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 26.05.2022-03.06.2022 YEDİTEPE UNIVERSITY HOSPITAL EMERGENCY MEDICINE (2 WEEKS) 06.06.2022-17.06.2022 YEDİTEPE UNIVERSITY HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS) 04.04.2022-17.06.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: SBÜ Zeynep Kamil Kadın ve Çocuk Hastalıkları TRAINING AND RESEARCH HOSPITAL. (K.L.K)	INTERNAL MEDICINE (10 WEEKS) 04.04.2022-17.06.2022 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL

*Child Health and Pediatrics will be held in SBÜ Zeynep Kamil Kadın ve Çocuk Hastalıkları TRAINING AND RESEARCH Hospital

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

ACADEMIC CALENDAR 2021 - 2022

September 1, 2021 (Wednesday)	Beginning of Phase IV
October 19, 2021 (Tuesday)	Coordination Committee Meeting
October 28-29, 2021 (Thursday $\frac{1}{2}$ - Friday)	Republic Day - National Holiday
November 10, 2021 (Wednesday)	Commemoration of Atatürk
January 1, 2021 (Saturday)	New Year
January 11, 2022 (Tuesday)	Coordination Committee Meeting (with student participation)
March 14, 2022 (Monday)	Physicians' Day
April 23, 2022 (Saturday)	National Holiday
May 1, 2022 (Sunday)	Labor's Day
May 2-4, 2022 (Monday- Wednesday)	Religious Holiday
May 19, 2022 (Thursday)	National Holiday
May 24, 2022 (Tuesday)	Coordination Committee Meeting (with student participation)
June 17, 2022 (Friday)	End of Phase IV
July 04 - 08, 2022 (Monday - Friday)	Incomplete Exams
July 12, 2022 (Tuesday)	Coordination Committee Meeting

STUDENT LIST & GROUPS

1	20180800116	İLAYDA	AGAR
2	20200800131	MAHMOUD	ABOUKHREIS
3	20180800079	ASYA	AKOVA
4	20190800018	MEHMET	AKYÜZ
5	20180800121	MAHMOUD	ALJOBBEH
6	20170800073	BARTU	ALKIŞER
7	20180800036	EKİN SU	ALPSAR
8	20180800125	MARYAM	AL-RUBAYE
9	20200800011	ÖZLEM	ALTUN
10	20170800031	SÜMEYYE	ALTUNEL
11	20200800004	ADNAN	ANJARY
12	20180800114	FURKAN	ARIK
13	20170800092	DORUK	ARSLAN
14	20200800009	İPEK	ARSLAN
15	20180800066	ÇAĞLA	ATAY
16	20200800005	BURCU	AYDIN
17	20200800008	YASEMİN	BAHADIR
18	20180800033	EZGİ	BARIŞ
19	20180800038	EKİN BORA	BAŞARAN
20	20180800105	LARA	BİLİCİ
21	20200800017	ALİ BORA	BODUR
22	20180800115	BAŞAK	BÜYÜKKÜRKÇÜ
23	20170800103	SÜMEYYE	CAM
24	20190800014	MUSTAFA	CEYLAN
25	20150800008	ALİ FETİH	ÇETİN
26	20180800069	İREM	ÇIRPICI
27	20210800019	METİN	ÇİNÇİN
28	20200800014	LARA	ÇİTİL
29	20170800090	BENGİSU	ÇÖKELEK
30	20180800101	TOLGA	ÇÖKMEZ
31	20210800029	MUSTAFA BATUHAN	DAL
32	20180800045	İREM	DALKIRAN
33	20180800084	ULAŞ BEJAN	DEMİR
34	20180800057	ORKUN	DEMİROK
35	20180800044	EMİR	DOĞAN
36	20180800063	AYÇA ZEYNEP	DOĞAN
37	20210800027	CAN	DOĞRU
38	20170800096	ROZERİN EZGİ	DUMAN
39	20200800006	LALE LEMAN	EDİS
40	20170800098	MUHAMMET ALİ	EKER
41	20200800132	ALAUDDIN	ELKMESHI
42	20180800073	ÖMER	EMANET
43	20170800020	ATABERK	ERDEM
44	20180800083	EMRE	ERDEN
45	20180800035	RECEP	ERDOĞAN
46	20180800064	BANU	ERKAL
47	20180800070	OZAN	ERTAM
48	20180800046	EDA	ERTAV
49	20170800115	NAGİHAN	ESİM
50	20200800010	JALE ALKİM	EVLİYAĞLU
51	20180800100	TUANA	GAYRET
52	20180800128	HAMAD	GHAZI MOHAMED

53	20170800034	CEMİL CEM	GİRİŞKEN
54	20170800023	GAYE	GÜNER
55	20180800041	MELTEM ÖZGE	GÜNEŞ
56	20180800118	DALYA	GÜRKAN
57	20180800076	EGE	GÜRLÜ
58	20180800008	AHMAD HANI KHAMIS	HAMAD
59	20180800002	AHMET	HATİPOĞLU
60	20180800071	ATAHAN	İNAN
61	20170800077	FATMANUR İREM	KANDEMİR
62	20200800023	BERKE TUĞKAN	KARAAĞAÇ
63	20180800099	DENİZ BADE	KARAKAŞ
64	20180800006	OSAMA	KARIMA
65	20170800101	AYŞE IRMAK	KARUN
66	20170800099	İREMNUR	KAVAN
67	20180800097	EFE ERALP	KAYA
68	20190800019	EZGİ DERYA	KAYA
69	20180800007	ALAA AHMED METWALLY	KHATTAB
70	20170800063	SARP	KOCA
71	20200800124	EZGİ ELÇİN	KÖKSAL
72	20180800109	KAAN ARDA	KÖSE
73	20210800015	ÖMER EKREM	KÖŞK
74	20170800083	ALİ TAN	KÜÇÜKBASMACI
75	20180800056	ZEYNEP	LÜMALI
76	20180800017	HAJER	MAZAGRI
77	20180800104	AYŞE BUSE	MELİK
78	20180800053	YAĞMUR	MERT
79	20180800048	ELİF	MERT
80	20180800074	ELVİN İZEL	MISIRLIOĞLU
81	20180800030	JAMAL	MONTASER
82	20170800014	NEDA	MUMCU
83	20180800001	NEGAR	NAGHSHEHEI MAST
84	20180800059	BÜŞRA	NECCAR
85	20180800013	DİLŞAT	ONAY
86	20180800120	TUĞBA	OZEDİRNE
87	20160800102	TALHA	ÖNER
88	20180800058	İZEM	ÖNGÜNŞEN
89	20180800004	DENİZ	ÖZALP
90	20170800079	IŞIL SERAY	ÖZDEŞ
91	20180800052	ÖZLEM	ÖZDİREK
92	20180800072	ADİL ONUR	POLAT
93	20180800055	ÖYKÜ	PÜSKÜLLÜOĞLU
94	20180800078	ALARA YAĞMUR	RADAVUŞ
95	20210800031	BERKAY	REİS
96	20170800042	ÖZGE	SABUNCU
97	20180800092	UYGAR	SARISALTIK
98	20170800021	OZAN	SAVAŞ
99	20180800096	ECE	SEÇEN
100	20180800113	İNCİ	SEVDİK
101	20180800123	HADI	SLEIMAN
102	20180800112	FEYZAN	SÖYLEMEZ
103	20170800097	İBRAHİM ONUR	ŞAHİN
104	20210800021	BURÇAK	TEKER
105	20210800024	ECEM NUR	TÜLEK

106	20170800052	ELİFSU	TÜRKMEN
107	20180800029	KAYRA BORA	UZASLAN
108	20180800010	BİLGE KAAN	ÜLGER
109	20190800009	HASAN	ÜNLÜKAHRAMAN
110	20180800009	AYAH	WAZZAN
111	20180800042	İLKER	YILMAZ
112	20180800060	HELİN	YİĞİT
113	210800034	NUR RİMA	YOLA
114	20170800033	MERT	YÖNEY
115	20180800077	ALADAĞ TOYKOÇ	YÜKSEL
116	20170800027	ELİF	YÜKSEL
117	20180800003	İSMAİL KAAN	ZEYTİNOĞLU

GROUP A			GROUP B		
1	İLAYDA	AGAR	1	MUSTAFA BATUHAN	DAL
2	MAHMOUD	ABOUKHREIS	2	İREM	DALKIRAN
3	ASYA	AKOVA	3	ULAŞ BEJAN	DEMİR
4	MEHMET	AKYÜZ	4	ORKUN	DEMİROK
5	MAHMOUD	ALJOBBEH	5	EMİR	DOĞAN
6	BARTU	ALKIŞER	6	AYÇA ZEYNEP	DOĞAN
7	EKİN SU	ALPSAR	7	CAN	DOĞRU
8	MARYAM	AL-RUBAYE	8	ROZERİN EZGİ	DUMAN
9	ÖZLEM	ALTUN	9	LALE LEMAN	EDİS
10	SÜMEYYE	ALTUNEL	10	MUHAMMET ALİ	EKER
11	ADNAN	ANJARY	11	ALAUDDIN	ELKMESHI
12	FURKAN	ARIK	12	ÖMER	EMANET
13	İPEK	ARSLAN	13	ATABERK	ERDEM
14	ÇAĞLA	ATAY	14	EMRE	ERDEN
15	BURCU	AYDIN	15	RECEP	ERDOĞAN
16	YASEMİN	BAHADIR	16	BANU	ERKAL
17	EZGİ	BARIŞ	17	OZAN	ERTAM
18	EKİN BORA	BAŞARAN	18	EDA	ERTAV
19	LARA	BİLİCİ	19	NAGİHAN	ESİM
20	ALİ BORA	BODUR	20	JALE ALKIM	EVLİYAOĞLU
21	BAŞAK	BÜYÜKKÜRKÇÜ	21	TUANA	GAYRET
22	SÜMEYYE	CAM	22	HAMAD	GHAZI MOHAMED
23	MUSTAFA	CEYLAN	23	CEMİL CEM	GİRİŞKEN
24	ALİ FETİH	ÇETİN	24	GAYE	GÜNER
25	İREM	ÇIRPICI	25	MELTEM ÖZGE	GÜNEŞ
26	METİN	ÇİNÇİN	26	DALYA	GÜRKAN
27	LARA	ÇİTİL	27	EGE	GÜRLÜ
28	BENGİSU	ÇÖKELEK	28	AHMAD HANI KHAMIS	HAMAD
29	TOLGA	ÇÖKMEZ	29	SARP	KOCA
30	NUR RİMA	YOLA	30		
31	DORUK ARSLAN				

GROUP C			GROUP D		
1	ATAHAN	İNAN	1	İZEM	ÖNGÜNŞEN
2	FATMANUR İREM	KANDEMİR	2	DENİZ	ÖZALP
3	BERKE TUĞKAN	KARAAĞAÇ	3	IŞIL SERAY	ÖZDEŞ
4	DENİZ BADE	KARAKAŞ	4	ÖZLEM	ÖZDİREK
5	OSAMA	KARIMA	5	ADİL ONUR	POLAT
6	AYŞE IRMAK	KARUN	6	ÖYKÜ	PÜSKÜLLÜOĞLU
7	İREM NUR	KAVAN	7	ALARA YAĞMUR	RADAVUŞ
8	EFE ERALP	KAYA	8	BERKAY	REİS
9	EZGİ DERYA	KAYA	9	ÖZGE	SABUNCU
10	ALAA AHMED METWALLY	KHATTAB	10	UYGAR	SARISALTİK
11	EZGİ ELÇİN	KÖKSAL	11	OZAN	SAVAŞ
12	KAAN ARDA	KÖSE	12	ECE	SEÇEN
13	ÖMER EKREM	KÖŞK	13	İNCİ	SEVDİK
14	ALİ TAN	KÜÇÜKBASMACI	14	HADI	SLEIMAN
15	ZEYNEP	LÜMALI	15	FEYZAN	SÖYLEMEZ
16	HAJER	MAZAGRI	16	İBRAHİM ONUR	ŞAHİN
17	AYŞE BUSE	MELİK	17	BURÇAK	TEKER
18	YAĞMUR	MERT	18	ECEM NUR	TÜLEK
19	ELİF	MERT	19	ELİFSU	TÜRKMEN
20	ELVİN İZEL	MİSİRLİOĞLU	20	KAYRA BORA	UZASLAN
21	JAMAL	MONTASER	21	BİLGE KAAN	ÜLGER
22	NEDA	MUMCU	22	HASAN	ÜNLÜKAHRAMAN
23	NEGAR	NAGHSHEHEI MAST	23	AYAH	WAZZAN
24	BÜŞRA	NECCAR	24	İLKER	YILMAZ
25	DİLŞAT	ONAY	25	HELİN	YİĞİT
26	TUĞBA	OZEDİRNE	26	MERT	YÖNEY
27	TALHA	ÖNER	27	ALADAĞ TOYKOÇ	YÜKSEL
28	BERKAY	REİS	28	ELİF	YÜKSEL
29	AHMET	HATİPOĞLU	29	İSMAİL KAAN	ZEYTİNOĞLU

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 Tıp 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 of 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 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

01-03 SEPTEMBER 2021

Wednesday 1.Sep.2021		Thursday 2.Sep.2021		Friday 3.Sep.2021	
09.30-10.00	Introductory Session	10.00-10.50	Flipped Class	10.00-11.50	
	Introduction to Clerkship Program		Understanding Others		Large Group Discussion
	<i>Serdar Özdemir</i>		<i>Hakan Atalay, Oğuzhan Zahmacıoğlu, Berfu Akbaş</i>		Solving Cases about Communication in Medicine
10.00-10.50	Lecture	11.00-11.50	Flipped Class	12.00-13.50	<i>Gözde Polat Dalan</i>
	Quality Improvement and International Patient Safety		Handling Difficult Situations and Difficult Persons		
	<i>Meral Sönmezoğlu</i>		<i>Hakan Atalay, Oğuzhan Zahmacıoğlu, Berfu Akbaş</i>		
11.00-11.50	Lecture	12.00-12.50	Large Group Discussion	14.00-15.50	Panel
	Infection Control Program		A Film Review		Examples of Careers in Medicine
	<i>Meral Sönmezoğlu</i>		<i>Oğuzhan Zahmacıoğlu, Berfu Akbaş, Hakan Atalay</i>		<i>Sina Ercan (Chair)</i>
12.00-12.50	Lecture	13.00-14.50		16.00-16.50	Lecture and Large Group Discussion
	Drug Safety		Break		Breaking Bad News
	<i>Gökhan Eren</i>				<i>Tuğhan Utku</i>
15.00-15.50	Lecture	15.00-15.50	Meeting with the Head Physician	17.00-17.50	Reflection Session
	Emergency Management		<i>Faruk Yencilek</i>		Explanation of the Learning Project
	<i>Sezgin Sarıkaya</i>				<i>Serdar Özdemir</i>
16.00-16.50	Lecture	16.00-16.50	Meeting with the Coordinator of Phase IV		
	Introduction to Leadership and Management		<i>Özlem Tanrıöver</i>		
	<i>Hatice Türe</i>				

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

INTERNAL MEDICINE CLERKSHIP
LECTURERS

DISCIPLINE	FACULTY
ENDOCRINOLOGY	Hasan AYDIN, MD Prof. Fahrettin KELEŞTİMUR, MD Prof.
GASTROENTEROLOGY	Meltem ERGÜN, MD Prof. Cengiz PATA, MD Prof.
HEMATOLOGY	Hasan Atilla ÖZKAN, MD Assoc. Prof.
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof.
MEDICAL ONCOLOGY	Selçuk Ergen, MD Burçak Erkol, MD
RESPIRATORY SYSTEM	Banu Musaffa SALEPÇİ, MD Prof. Seha AKDUMAN, MD
NEPHROLOGY	Gülçin KANTARCI, MD Prof.
RHEUMATOLOGY	Müge BIÇAKÇIGİL 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
Antropometric 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
Preperation 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
Perfoming 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 20.09.2021-26.11.2021 GROUP A- WEEK 1/ September 20-24,2021 (Kozyatağı)					
	Monday 20-Sep-2021	Tuesday 21-Sep-2021	Wednesday 22-Sept-2021	Thursday 23-Sep-2021	Friday 24-Sep-2021
10.00 - 10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçığıl Kalaycı</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>Yaşar Küçükardalı</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>Hasan Aydın</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>Yaşar Küçükardalı</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>Hasan Aydın</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 2 / September 27-october 1, 2021 (Kozyatağı)					
	Monday 27-Sep-2021	Tuesday 28-Sep-2021	Wednesday 29-Sept-2021	Thursday 30-Sep-2021	Friday 01-Oct-2021
10.00 - 10:10	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Hypothyroidism <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</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 4-8, 2021 (4.Oct.2021-Kozyatağı, 5-8 Oct-Koşuyolu)					
	Monday 4-Oct-2021	Tuesday 5-Oct-2021	Wednesday 6-Oct-2021	Thursday 7-Oct-2021	Friday 8-Oct-2021
10.00 - 10.45	Lecture Fever Of Unknown Origin <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</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>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</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	Lunch	Lunch
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</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 / 11-15 October 2021 (Koşuyolu)					
	Monday 11-Sep-2021	Tuesday 12-Sep-2021	Wednesday 13-Sep-2021	Thursday 14-Sep-2021	Friday 15-Sep-2021
10.00 - 10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Colorectal Cancer <i>TBA (to be announced)</i>	Lecture Management of Cancer Pain <i>TBA (to be announced)</i>
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Lung Cancer <i>TBA (to be announced)</i>	Lecture Principles of Chemotherapy and Complications <i>TBA (to be announced)</i>
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>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Breast Cancer <i>TBA (to be announced)</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>TBA (to be announced)</i>
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Oncologic Emergencies <i>TBA (to be announced)</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşkuçcu</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 5 / 18-22 October 2021 (Koşuyolu- HTRH)					
	Monday 18-Sep-2021	Tuesday 19-Sep-2021	Wednesday 20-Sep-2021	Thursday 21-Sep-2021	Friday 22-Sep-2021
10.00 - 10.45	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>TBA (to be announced)</i>	Case Discussion Hematology <i>Hasan Atilla Özkan</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 Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Hasan Aydın</i>			
12.00- 13.30	Lunch				
13.30- 14.15	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>TBA</i>			
14.25 - 15.10	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>			
15:10- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00 – 18.00	Independent Learning	Independent Learning			

GROUP A- WEEK 6 / 25 - 29 October(HRTH)					
	Monday 25-Sep-2021	Tuesday 26-Sep-2021	Wednesday 27-Sep-2021	Tuesday 28-Sep-2021	Friday 29-Sep-2021
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
				National Holiday	
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A- WEEK 7 / 1-5 November 2021 (HTRH)					
	Monday 1-Nov-2021	Tuesday 2-Nov-2021	Wednesday 3-Nov-2021	Tuesday 4-Nov-2021	Friday 5-Nov-2021
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 / 08 - 12 November 2021 (HTRH)					
	Monday 08-Nov-2021	Tuesday 09-Nov-2021	Wednesday 10-Nov-2021	Tuesday 11-Nov-2021	Friday 12-Nov-2021
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 / 15 - 19 November 2021 (HTRH)					
	Monday 15-Nov-2021	Tuesday 16-Nov-2021	Wednesday 17-Nov-2021	Tuesday 18-Nov-2021	Friday 19-Nov-2021
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 / 22 November – 26 November 2021 (HRTH)					
	Monday 22-Nov-2021	Tuesday 23-Nov-2021	Wednesday 24-Nov-2021	Thursday 25.-Nov-2021	Friday 26-Nov-2021
10.00 - 10.45	Independent Learning	Independent Learning	Assessment Session		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	Independent Learning	
15.10 – 18.00					

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP B 29.11.2021-04.02.2022 GROUP B- WEEK 1/ 29. November-03. December,2021 (Kozyatağı)					
	Monday 29-Nov-2021	Tuesday 30-Nov-2021	Wednesday 01-Dec-2021	Thursday 02-Dec-2021	Friday 03-Dec-2021
10.00 - 10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçığıl Kalaycı</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>Yaşar Küçükardalı</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>Hasan Aydın</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>Yaşar Küçükardalı</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>Hasan Aydın</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 2 / 06-10 December, 2021 (Kozyatağı)					
	Monday 06-Dec-2021	Tuesday 07-Dec-2021	Wednesday 08-Dec-2021	Thursday 09-Dec-2021	Friday 10-Dec-2021
10.00 - 10:10	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Hypothyroidism <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</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 13-17, 2021 (13.Dec.2021-Kozyatağı, 14- 17 Dec, Koşuyolu)					
	Monday 13-Dec-2021	Tuesday 14-Dec-2021	Wednesday 15-Dec-2021	Thursday 16-Dec-2021	Friday 17-Dec-2021
10.00 -10.45	Lecture Fever Of Unknown Origin <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</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>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</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 Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	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 / 20-24 December 2021 (Koşuyolu)					
	Monday 20-Dec-2021	Tuesday 21-Dec-2021	Wednesday 22-Dec-2021	Thursday 23-Dec-2021	Friday 24-Dec-2021
10.00 - 10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Colorectal Cancer <i>TBA (to be announced)</i>	Lecture Management of Cancer Pain <i>TBA (to be announced)</i>
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Lung Cancer <i>TBA (to be announced)</i>	Lecture Principles of Chemotherapy and Complications <i>TBA (to be announced)</i>
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>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Breast Cancer <i>TBA (to be announced)</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>TBA (to be announced)</i>
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Oncologic Emergencies <i>TBA (to be announced)</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşku</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B- WEEK 5 / 27-31 December 2021
(Koşuyolu HTRH)

	Monday 1 27-Dec-2021	Tuesday 28-Dec-2021	Wednesday 29-Dec-2021	Thursday 30-Dec-2021	Friday 31-Dec-2021
10.00 -10.45	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>TBA (to be announced)</i>	Case Discussion Hematology <i>Hasan Atilla Özkan</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 Approach to the Patient with Pulmonary System Syntoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Hasan Aydın</i>			
12.00- 13.30	Lunch				
13.30- 14.15	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>TBA</i>			
14.25 - 15.10	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>			
15:10- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00 – 18.00	Independent Learning	Independent Learning			

GROUP B- WEEK 6 / 03 - 07 January, 2022 (HTRH)

	Monday 03- Jan-2022	Tuesday 04-Jan-2022	Wednesday 05-Jan-2022	Tuesday 06-Jan-2022	Friday 07-Jan-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 B- WEEK 7 / 10-14 January 2022 (HTRH)

	Monday 10-Jan-2022	Tuesday 11-Jan-2022	Wednesday 12-Jan-2022	Tuesday 13-Jan-2022	Friday 14-Jan-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 B- WEEK 8 / 17 – 21 January 2022 (HTRH)					
	Monday 17-Jan-2022	Tuesday 18-Jan-2022	Wednesday 19-Jan-2022	Tuesday 20-Jan-2022	Friday 21-Jan-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 B- WEEK 9 / 24 – 28 January 2022 (HTRH)					
	Monday 24-Jan-2022	Tuesday 25-Jan-2022	Wednesday 26-Jan-2022	Tuesday 27-Jan-2022	Friday 28-Jan-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 B- WEEK 10 / 31 January-04 February 2022 (HRTH)						
	Monday 31-January-2022	Tuesday 01-Feb-2022	Wednesday 02-Feb-2022	Thursday 03-Feb-2022	Friday 04-Feb-2022	
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session	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			Independent Learning			

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP C 24.01.2022-01.04.2022					
GROUP C- WEEK 1/ 24-28 January,2022 (Kozyatağı)					
	Monday 24-Jan-2022	Tuesday 25-Jan-2022	Wednesday 26-Jan-2022	Thursday 27-Jan-2022	Friday 28-Jan-2022
10.00 -10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
10.10 –10:50	Lecture Taking History <i>Yaşar Küçükardalı</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil 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 Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Cushing's Syndrome <i>Hasan Aydın</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>Yaşar Küçükardalı</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 Bıçakçıgil Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Male Gonadal Diseases <i>Hasan Aydın</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 / 31 January- 4 February, 2022 (Kozyatağı)

	Monday 31. Jan-2022	Tuesday 01-Feb-2022	Wednesday 02-Feb.-2022	Thursday 03-Feb-2022	Friday 04-Feb-2022
10.00-10:10	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Independent Learning
10.10- 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25- 15.10	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Manegement 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 07-11, 2022
(07.February-Kozyatağı, 08-11 February, Koşuyolu)

	Monday 07-Feb-2022	Tuesday 08-Feb-2022	Wednesday 09-Feb-2022	Thursday 10-Feb-2022	Friday 11-Feb-2022
10.00 - 10.45	Lecture Fever Of Unknown Origin <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</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>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</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 Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	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 / 14-18 February 2022 (Koşuyolu)					
	Monday 14-Feb-2022	Tuesday 15-Feb-2022	Wednesday 16-Feb-2022	Thursday 17-Feb-2022	Friday 18-Feb-2022
10.00 - 10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Colorectal Cancer <i>TBA (to be announced)</i>	Lecture Management of Cancer Pain <i>TBA (to be announced)</i>
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Lung Cancer <i>TBA (to be announced)</i>	Lecture Principles of Chemotherapy and Complications <i>TBA (to be announced)</i>
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>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Breast Cancer <i>TBA (to be announced)</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>TBA (to be announced)</i>
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Oncologic Emergencies <i>TBA (to be announced)</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşku</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C- WEEK 5 / 21-25 February 2022
(21-22. Feb-Koşuyolu, 23 Feb- Kozyatağı)

	Monday 1 21-Feb-2022	Tuesday 22-Feb-2022	Wednesday 23-Feb-2022	Thursday 24-Feb-2022	Friday 25-Feb-2022
10.00 - 10.45	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>TBA (to be announced)</i>	Case Discussion Hematology <i>Hasan Atilla Özkan</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40	Lecture Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Hasan Aydın</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>		
12.00- 13.30	Lunch	Lunch	Lunch		
13.30- 14.15	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>TBA</i>	Independent Learning		
14.25 - 15.10	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>			
15:10- 17:00	Independent Learning	Independent Learning			
17.00 – 18.00					
				Independent Learning	Independent Learning

GROUP C- WEEK 6 / 28.February- - 04 March, 2022 (HTRH)					
	Monday 28- Feb-2022	Tuesday 01-March-2022	Wednesday 02-March-2022	Tuesday 03-March-2022	Friday 04-March-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 C- WEEK 7 / 07-11 March 2022 (HTRH)					
	Monday 07-March-2022	Tuesday 08-March-2022	Wednesday 09-March-2022	Tuesday 10-March-2022	Friday 11-March-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 C- WEEK 8 / 14-18 March 2022 (HTRH)					
	Monday 14-March-2022	Tuesday 15-March-2022	Wednesday 16-March-2022	Tuesday 17-March-2022	Friday 18-March-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 C- WEEK 9 / 21-25 March 2022 (HTRH)					
	Monday 21-March-2022	Tuesday 22-March-2022	Wednesday 23-March-2022	Tuesday 24-March-2022	Friday 25-March-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 C- WEEK 10 / 28. March-01. April 2022 (HRTH)					
	Monday 28.March-2022	Tuesday 29.March-2022	Wednesday 30.March-2022	Thursday 31.March-2022	Friday 01-April-2022
10.00 -10.45	Independent Learning	Independent Learning	Assessment Session	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					
15.10 – 18.00			Independent Learning		

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP D

04.04.2022-17.06.2022

GROUP D - WEEK 1 April 04-08,2022 (Kozyatağı)					
	Monday 04-Apri-2022	Tuesday 05-Apri-2022	Wednesday 06-Apri-2022	Thursday 07-Apri-2022	Friday 08-Apri-2022
10.00 - 10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçığıl Kalaycı</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>Yaşar Küçükardalı</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>Hasan Aydın</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>Yaşar Küçükardalı</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>Hasan Aydın</i>
15.30- 18.00	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 2 / April 11-15, 2022 (Kozyatağı)					
	Monday 11-Apri-2022	Tuesday 12-Apri-2022	Wednesday 13-Apri-2022	Thursday 14-Apri-2022	Friday 15-Apri-2022
10.00 - 10:10	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Hypothyroidism <i>Hasan Aydın</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>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</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 18-22, 2022 (18.04-Kozyatağı, 19-22.04-Koşuyolu)					
	Monday 18-April-2022	Tuesday 19-April-2022	Wednesday 20-April-2022	Thursday 21-April-2022	Friday 22-April-2022
10.00 - 10.45	Lecture Fever Of Unknown Origin <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</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>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</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 Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Case Discussion Nephrology <i>Gülçin Kantarcı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 4 / 25-29 April 2020 (Koşuyolu)					
	Monday 25-April-2022	Tuesday 26-April-2022	Wednesday 27-April-2022	Thursday 28-April-2022	Friday 29-April-2022
10.00 - 10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Colorectal Cancer <i>TBA (to be announced)</i>	Lecture Management of Cancer Pain <i>TBA (to be announced)</i>
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Lung Cancer <i>TBA (to be announced)</i>	Lecture Principles of Chemotherapy and Complications <i>TBA (to be announced)</i>
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>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Breast Cancer <i>TBA (to be announced)</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>TBA (to be announced)</i>
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Oncologic Emergencies <i>TBA (to be announced)</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşku</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 5 / 02-06 May 2022					
	Monday 02-May-2022	Tuesday 03-May-2022	Wednesday 04-May-2022	Tuesday 05-May-2022	Friday 06-May-2022
08:00- 17:00	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	Independent Learning	Independent Learning
17:00 – 18.00					

GROUP D - WEEK 6 / 09 – 13 May 2022 (Koşuyolu-HRTH)					
	Monday 09-May-2022	Tuesday 10-May-2022	Wednesday 11-May-2022	Tuesday 12-May-2022	Friday 13-May-2022
10.00 - 10.45	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>TBA (to be announced)</i>	Case Discussion Hematology <i>Hasan Atilla Özkan</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 Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Hasan Aydın</i>			
12.00- 13.30	Lunch				
13.30- 14.15	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>TBA</i>			
14.25 - 15.10	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>			
15:10- 17:00	Independent Learning	Independent Learning			
17.00 – 18.00					

GROUP D - WEEK 7 / 16-20 May 2022 (HTRH)					
	Monday 16-May-2022	Tuesday 17-May-2022	Wednesday 18-May-2022	Tuesday 19-May-2022	Friday 20-May-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)	NATIONAL HOLIDAY	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning		Independent Learning

GROUP D - WEEK 8 / 23 - 27 May 2022 (HTRH)					
	Monday 23-May-2022	Tuesday 24-May-2022	Wednesday 25-May-2022	Tuesday 26-May-2022	Friday 27-May-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 D - WEEK 9 / 30 May-03 June , 2022 (HTRH)					
	Monday 30-May-2022	Tuesday 31-May-2022	Wednesday 01-June-2022	Tuesday 02-June-2022	Friday 03-June-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 D - WEEK 10 / 06-10 June 2022 (HTRH)					
	Monday 06. June-2022	Tuesday 07-June-2022	Wednesday 08-June-2022	Tuesday 09-June-2022	Friday 10-June-2022
08:00-17:00	HAYDARPAŞA NUMUNE EDUCATION AND TRAINING HOSPITAL	HAYDARPAŞA NUMUNE EDUCATION AND TRAINING HOSPITAL	HAYDARPAŞA NUMUNE EDUCATION AND TRAINING HOSPITAL	HAYDARPAŞA NUMUNE EDUCATION AND TRAINING HOSPITAL	HAYDARPAŞA NUMUNE EDUCATION AND TRAINING HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D - WEEK 11 / 13-17 June 2022					
	Monday 11-June-2022	Tuesday 12-June-2022	Wednesday 13-June-2022	Thursday 14-June-2022	Friday 15-June-2022
10.00 - 10.45	Independent Learning	Independent Learning	Assessment Session	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

Meltem Uğraş MD. Prof. (Head of the Department)

Filiz Bakar, MD. Prof.

Sabri Kemahlı, MD. Prof.

Hülya Sarıçoban, MD. Prof.

Haluk Topaloğlu, MD. Prof.

Mustafa Berber, MD. Assist. Prof.

Çetin Timur, MD. Assist. Prof.

Elif Sağsak, MD. Assist. Prof.

Endi Romano MD. Assist. Prof.

Seyhan Perihan Çobanoğlu Saf, MD. Assist. Prof.

Tuba Giray, MD. Lecturer

Fatma Tuba Coşkun, MD. Lecturer

Çiğdem Yanar Ayanoğlu MD. Lecturer

Fatma Tülin Şimşek MD. Lecturer

Asım Yörük MD. Lecturer

&

ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL

&

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 %

CHILD HEALTH and PEDIATRICS - Group B WEEK I / 20-24 Sep. 2021					
	Monday 20-Sep-2021	Tuesday 21-Sep-2021	Wednesday 22-Sep-2021	Thursday 23-Sep-2021	Friday 24-Sep-2021
09.00-09:50	Lecture Introduction to Pediatrics Meltem Uğraş Mustafa Berber Tuba Giray	Lecture Cardiovascular System Examination & Electrocardiographic Principles 1 Fatma Tuba Coşkun	Lecture Pediatric Basic and Advanced Life Support Perihan Saf	Lecture Approach to Immun Deficiencies-1 Hülya Sarıçoban	Lecture Tetanus, Diphtheria, Mumps, And Pertussis Fatma Tuba Coşkun
10.00-10:50	Lecture History Taking Filiz Bakar	Lecture Cardiovascular System Examination & Electrocardiographic Principles 2 Fatma Tuba Coşkun	Lecture Pediatric Assessment in Pediatric Emergency Department Perihan Saf	Lecture Approach to Immun Deficiencies-2 Hülya Sarıçoban	Lecture Immunization Principles and Vaccination-1 Mustafa Berber
11.00-11:50	Lecture Newborn Examination Filiz Bakar	Lecture Neonatal Hyperbilirubinemia Filiz Bakar	Lecture Approach to Nutrition Meltem Uğraş	Lecture Growth, Development, and Growth Retardation- 1 Elif Sağsak	Lecture Immunization Principles and Vaccination-2 Mustafa Berber
12.00-12:50	Lecture Respiratory System Examination Hülya Sarıçoban	Lunch	Lecture Malnutrition & Obesity Meltem Uğraş	Lecture Growth, Development, and Growth Retardation- 2 Elif Sağsak	Lecture Atopic Dermatitis and Allergic Rhinitis Hülya Sarıçoban
13.00-13:50	Lunch	Lecture Neurological Examination Haluk Topaloğlu (Koşuyolu hastanesi)	Lunch	Lunch	Lunch
14.00-14:50 (Online)	Lecture Gastrointestinal and Genitourinary System Examination Meltem Uğraş	Lecture Perinatal Asphyxia, Cerebral Palsy, Haluk Topaloğlu (Koşuyolu hastanesi)	Lecture Prematurity, Postmaturity Filiz Bakar	Lecture Acute Rheumatic Fever and Infective Endocarditis Fatma Tuba Coşkun	Lecture Connective Tissue Diseases and Vasculitic Syndromes Çiğdem Ayanoğlu
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 / 27 Sep.- 01 Oct. 2021					
	Monday 27-Sep-2021	Tuesday 28-Sep-2021	Wednesday 29-Sep-2021	Thursday 30-Sep-2021	Friday 01-Oct-2021
09.00-09:50	Lecture Sepsis and Meningococccemia <i>F. Tülin Şimşek</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</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>Çiğdem Ayanoğlu</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	Lecture Calcium Metabolism <i>Elif Sağsak</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>
11.00-11.50	Lecture GIS Bleeding <i>Meltem Uğraş</i>	Lecture Acute Gastroenteritis and Parasitosis <i>Çiğdem Ayanoğlu</i>	Lecture Congenital Hypothyroidism <i>Elif Sağsak</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Fluid and Electrolyte Disorders-2 <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>	Lunch
13.00-13.50	Lunch	Lunch	Lunch	Lunch	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i> (koşuyolu hastanesi)
14.00-14.50 (Online)	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 Maculopapular-Vesicular Diseases <i>Tuba Giray</i>	Lecture Coma and Stroke <i>Haluk Topaloğlu</i> (koşuyolu hastanesi)
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

Group B WEEK III / 04-08 Oct. 2021

	Monday 04-Oct-2021	Tuesday 05-Oct-2021	Wednesday 06-Oct-2021	Thursday 07-Oct-2021	Friday 08-Oct-2021
09.00-09.50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Neonatal Resuscitation, and Neonatal Transport <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base balance <i>Jale Çoban</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Malabsorbition and Celiac Disease <i>Meltem Uğraş</i>
10.00-10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>
11.00-11.50	Lecture Viral Paralytic Diseases <i>Endi Romano</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
13.00-13.50	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Adrenal Hypo-Hyperfunction <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Çetin Timur</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50 (Online)	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture <i>Haemophilia, Thrombosis and Disseminated Intravascular Coagulation</i> <i>Sabri Kemahlı</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>
15.00-15.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>	Practice (Vital signs) <i>Çiğdem Ayanoğlu</i>	<i>Independent Learning</i>
16.00-16.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>		<i>Independent Learning</i>

Group B WEEK IV / 11-15 Oct. 2021

	Monday 11-Oct-2021	Tuesday 12-Oct-2021	Wednesday 13-Oct-2021	Thursday 14-Oct-2021	Friday 15-Oct-2021
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Tuberculosis <i>Hülya Sarıçoban</i>	Lecture Infections of CNS <i>Tuba Giray</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Inborn Errors of Metabolism-1 <i>Endi Romano</i>
11.00- 11.50	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Lecture Vitamin Deficiencies and Rickets -1 <i>Elif Sağsak</i>	Lecture Congenital Heart Diseases- 1 <i>Fatma Tuba Coşkun</i>	Lecture Inborn Errors of Metabolism-2 <i>Endi Romano</i>
12.00- 12.50	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Vitamin Deficiencies and Rickets -2 <i>Elif Sağsak</i>	Lecture Congenital Heart Diseases- 2 <i>Fatma Tuba Coşkun</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkuçcu</i>
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (online)	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Practice (Chest X-Ray evolution) <i>Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00- 16.50					

GROUP B WEEK V / 18-22 October 2021 (KTRH)

	Monday 18-Oct-2021	Tuesday 19-Oct-2021	Wednesday 20-Oct-2021	Tuesday 21-Oct-2021	Friday 22-Oct-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (KTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (KTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (KTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (KTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (KTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VI / 25-29 October 2021 (KTRH)

	Monday 25-Oct-2021	Tuesday 26-Oct-2021	Wednesday 27-Oct-2021	Tuesday 28-Oct-2021	Friday 29-Oct-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	National Holiday
				National Holiday	
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VII / 1-5 November 2021 (ZKTRH)

	Monday 1-Nov-2021	Tuesday 2-Nov-2021	Wednesday 3-Nov-2021	Tuesday 4-Nov-2021	Friday 5-Nov-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK VIII / 8-12 November 2021 (ZKTRH)

	Monday 8-Nov-2021	Tuesday 9-Nov-2021	Wednesday 10-Nov-2021	Tuesday 11-Nov-2021	Friday 12-Nov-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK IX / 15-19 November 2021 (ZKTRH)

	Monday 15-Nov-2021	Tuesday 16-Nov-2021	Wednesday 17-Nov-2021	Tuesday 18-Nov-2021	Friday 19-Nov-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP B WEEK X / 15-19 November 2021

	Monday 22-Nov-2021	Tuesday 23-Nov-2021	Wednesday 24-Nov-2021	Thursday 25.-Nov-2021	Friday 26-Nov-2021
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
13.00- 14:20			Independent Learning	Lunch Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program	
14.25 - 15.10					

CHILD HEALTH and PEDIATRICS - GROUP A WEEK I / 29 Nov.- 03 Dec. 2021

	Monday 29-Nov-2021	Tuesday 30-Nov-2021	Wednesday 01-Dec-2021	Thursday 02-Dec-2021	Friday 03-Dec-2021
09.00- 09:50	Lecture Introduction to Pediatrics Meltem Uğraş Mustafa Berber Tuba Giray	Lecture Cardiovascular System Examination & Electrocardiographic Principles 1 Fatma Tuba Coşkun	Lecture Pediatric Basic and Advanced Life Support Perihan Saf	Lecture Approach to Immun Deficiencies-1 Hülya Sarıçoban	Lecture Acute Gastroenteritis and Parasitosis Çiğdem Ayanoğlu
10.00- 10.50	Lecture History Taking Filiz Bakar	Lecture Cardiovascular System Examination & Electrocardiographic Principles 2 Fatma Tuba Coşkun	Lecture Pediatric Assessment in Pediatric Emergency Department Perihan Saf	Lecture Approach to Immun Deficiencies-2 Hülya Sarıçoban	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 Perihan Saf
11.00-11.50	Lecture Newborn Examination Filiz Bakar	Lecture Neonatal Hyperbilirubinemia Filiz Bakar	Lecture Approach to Nutrition Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-1 Elif Sağsak	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 Perihan Saf
12.00- 12.50	Lecture Respiratory System Examination Hülya Sarıçoban	Lecture Neurological Examination Haluk Topaloğlu	Lecture Malnutrition & Obesity Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-2 Elif Sağsak	Lecture Perinatal Asphyxia, Cerebral Palsy, Haluk Topaloğlu
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (Online)	Lecture Gastrointestinal and Genitourinary System Examination Meltem Uğraş	Lecture Atopic Dermatitis and Allergic Rhinitis Hülya Sarıçoban	Lecture Prematurity, Postmaturity Filiz Bakar	Lecture Acute Rheumatic Fever and Infective Endocarditis Fatma Tuba Coşkun	Lecture Connective Tissue Diseases and Vasculitic Syndromes Çiğdem Ayanoğlu
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 A WEEK II / 06-10 Dec 2021

	Monday 06-Dec-2021	Tuesday 07- Dec-2021	Wednesday 08-Dec-2021	Thursday 09-Dec-2021	Friday 10-Dec-2021
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, Diphteria, 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 (Online)	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 <i>Coma and Stroke</i> <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

GROUP A WEEK III / 13-17 Dec 2021

	Monday 13-Dec-2021	Tuesday 14-Dec-2021	Wednesday 15-Dec-2021	Thursday 16-Dec-2021	Friday 17-Dec-2021
09.00-09:50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Neonatal Resuscitation, and Neonatal Transport <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base balance <i>Jale Çoban</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Malabsorbition and Celiac Disease <i>Meltem Uğraş</i>
10.00-10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>
11.00-11.50	Lecture Viral Paralytic Diseases <i>Endi Romano</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
13.00-13.50	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Adrenal Hypo-Hyperfunction <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Çetin Timur</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50 (Online)	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture <i>Haemophilia, Thrombosis and Disseminated Intravascular Coagulation</i> <i>Sabri Kemahlı</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>
15.00-15.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>	Practice (Vital signs) <i>Çiğdem Ayanoğlu</i>	<i>Independent Learning</i>
16.00-16.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>		<i>Independent Learning</i>

GROUP A WEEK IV / 20-24 Dec 2021

	Monday 20-Dec-2021	Tuesday 21-Dec-2021	Wednesday 22-Dec-2021	Thursday 23-Dec-2021	Friday 24-Dec-2021
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Infections of CNS <i>Tuba Giray</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Inborn Errors of Metabolism- 1 <i>Endi Romano</i>
11.00-11.50	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>	Lecture Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	Lecture Vitamin Deficiencies and Rickets -1 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Inborn Errors of Metabolism- 2 <i>Endi Romano</i>
13.00- 13.50	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Vitamin Deficiencies and Rickets -2 <i>Elif Sağsak</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (online)	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Practice (Chest X-Ray evolution) <i>Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50					

GROUP A WEEK V / 27-31 December 2021 (ZKTRH)

	Monday 1 27-Dec-2021	Tuesday 28-Dec-2021	Wednesday 29-Dec-2021	Thursday 30-Dec-2021	Friday 31-Dec-2021
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VI / 03-07 January 2022 (ZKTRH)

	Monday 03- Jan-2022	Tuesday 04-Jan-2022	Wednesday 05-Jan-2022	Tuesday 06-Jan-2022	Friday 07-Jan-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VII / 10-14 January 2022 (ZKTRH)

	Monday 10-Jan-2022	Tuesday 11-Jan-2022	Wednesday 12-Jan-2022	Tuesday 13-Jan-2022	Friday 14-Jan-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VIII / 17 – 21 January 2022 (ZKTRH)

	Monday 17-Jan-2022	Tuesday 18-Jan-2022	Wednesday 19-Jan-2022	Tuesday 20-Jan-2022	Friday 21-Jan-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK IX / 24 – 28 January 2022 (ZKTRH)

	Monday 24-Jan-2022	Tuesday 25-Jan-2022	Wednesday 26-Jan-2022	Tuesday 27-Jan-2022	Friday 28-Jan-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK X / 31 January-04 February 2022

	Monday 31-January-2022	Tuesday 01-Feb-2022	Wednesday 02-Feb-2022	Thursday 03-Feb-2022	Friday 04-Feb-2022
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
13.00- 14:20			Independent Learning	Lunch	
14.25 - 15.10				Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program	

CHILD HEALTH and PEDIATRICS – GROUP D WEEK I / 24 - 28 Jan. 2022

	Monday 24-Jan-2022	Tuesday 25-Jan-2022	Wednesday 26-Jan-2022	Thursday 27-Jan-2022	Friday 28-Jan-2022
09.00- 09:50	Lecture Introduction to Pediatrics Meltem Uğraş Mustafa Berber Tuba Giray	Lecture Cardiovascular System Examination & Electrocardiographic Principles 1 Fatma Tuba Coşkun	Lecture Pediatric Basic and Advanced Life Support Perihan Saf	Lecture Approach to Immun Deficiencies-1 Hülya Sarıçoban	Lecture Acute Gastroenteritis and Parasitosis Çiğdem Ayanoğlu
10.00- 10.50	Lecture History Taking Filiz Bakar	Lecture Cardiovascular System Examination & Electrocardiographic Principles 2 Fatma Tuba Coşkun	Lecture Pediatric Assessment in Pediatric Emergency Department Perihan Saf	Lecture Approach to Immun Deficiencies-2 Hülya Sarıçoban	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 Perihan Saf
11.00-11.50	Lecture Newborn Examination Filiz Bakar	Lecture Neonatal Hyperbilirubinemia Filiz Bakar	Lecture Approach to Nutrition Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-1 Elif Sağsak	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 Perihan Saf
12.00- 12.50	Lecture Respiratory System Examination Hülya Sarıçoban	Lecture Neurological Examination Haluk Topaloğlu	Lecture Malnutrition & Obesity Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-2 Elif Sağsak	Lecture Perinatal Asphyxia, Cerebral Palsy, Haluk Topaloğlu
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (Online)	Lecture Gastrointestinal and Genitourinary System Examination Meltem Uğraş	Lecture Atopic Dermatitis and Allergic Rhinitis Hülya Sarıçoban	Lecture Prematurity, Postmaturity Filiz Bakar	Lecture Acute Rheumatic Fever and Infective Endocarditis Fatma Tuba Coşkun	Lecture Connective Tissue Diseases and Vasculitic Syndromes Çiğdem Ayanoğlu
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 / 31 Jan. - 04 Feb. 2022

	Monday 31-Jan-2022	Tuesday 01- Feb-2022	Wednesday 02- Feb-2022	Thursday 03- Feb-2022	Friday 04- Feb-2022
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	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, Diphteria, 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 (Online)	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 <i>Coma and Stroke</i> <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

GROUP D WEEK III / 07 - 11 Feb. 2022

	Monday 07-Feb-2022	Tuesday 08- Feb-2022	Wednesday 09- Feb-2022	Thursday 10- Feb-2022	Friday 11- Feb-2022
09.00- 09:50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Neonatal Resuscitation, and Neonatal Transport <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base balance <i>Jale Çoban</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uğraş</i>
10.00- 10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>
11.00-11.50	Lecture Viral Paralytic Diseases <i>Endi Romano</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
13.00- 13.50	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Adrenal Hypo-Hyperfunction <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Çetin Timur</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (Online)	Lecture Approach to Intrauterine Infections <i>Mustafa Berber</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>
15.00- 15.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>	Practice (Vital signs) <i>Çiğdem Ayanoğlu</i>	<i>Independent Learning</i>
16.00-16.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>		<i>Independent Learning</i>

GROUP D WEEK IV / 14 - 18 Feb. 2022

	Monday 14-Feb-2022	Tuesday 15- Feb-2022	Wednesday 16- Feb-2022	Thursday 17- Feb-2022	Friday 18- Feb-2022
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Infections of CNS <i>Tuba Giray</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Inborn Errors of Metabolism- 1 <i>Endi Romano</i>
11.00-11.50	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>	Lecture Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	Lecture Vitamin Deficiencies and Rickets -1 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Inborn Errors of Metabolism- 2 <i>Endi Romano</i>
13.00- 13.50	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Vitamin Deficiencies and Rickets -2 <i>Elif Sağsak</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (Online)	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Practice (Chest X-Ray evolution)	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	<i>Hülya Sarıçoban</i>				

GROUP D WEEK V / 21-25 February 2022 (ZKTRH)

	Monday 1 21-Feb-2022	Tuesday 22-Feb-2022	Wednesday 23-Feb-2022	Thursday 24-Feb-2022	Friday 25-Feb-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VI / 28.February- 04 March (ZKTRH)

	Monday 28- Feb-2022	Tuesday 01-March-2022	Wednesday 02-March-2022	Tuesday 03-March-2022	Friday 04-March-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VII / 07-11 March 2022 (ZKTRH)

	Monday 07-March-2022	Tuesday 08-March-2022	Wednesday 09-March-2022	Tuesday 10-March-2022	Friday 11-March-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK VIII / 14-18 March 2022 (ZKTRH)

	Monday 14-March-2022	Tuesday 15-March-2022	Wednesday 16-March-2022	Tuesday 17-March-2022	Friday 18-March-2022
08:00- 17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK IX / 21-25 March 2022 (ZKTRH)

	Monday 21-March-2022	Tuesday 22-March-2022	Wednesday 23-March-2022	Tuesday 24-March-2022	Friday 25-March-2022
08:00-17:00	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)	ZEYNEP KAMIL TRAINING AND RESEARCH HOSPITAL (ZKTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP D WEEK X / 28. March-01. April 2022

	Monday 28.March-2022	Tuesday 29.March-2022	Wednesday 30.March-2022	Thursday 31.March-2022	Friday 01-April-2022
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
13.00- 14:20			Independent Learning	Lunch Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program	
14.25 - 15.10					

CHILD HEALTH and PEDIATRICS – GROUP C WEEK I / 04 - 08 Apr. 2022

	Monday 04-Apr-2022	Tuesday 05-Apr-2022	Wednesday 06-Apr-2022	Thursday 07-Apr-2022	Friday 08-Apr-2022
09.00-09.50	Lecture Introduction to Pediatrics Meltem Uğraş Mustafa Berber Tuba Giray	Lecture Cardiovascular System Examination & Electrocardiographic Principles 1 Fatma Tuba Coşkun	Lecture Pediatric Basic and Advanced Life Support Perihan Saf	Lecture Approach to Immun Deficiencies-1 Hülya Sarıçoban	Lecture Acute Gastroenteritis and Parasitosis Çiğdem Ayanoğlu
10.00-10.50	Lecture History Taking Filiz Bakar	Lecture Cardiovascular System Examination & Electrocardiographic Principles 2 Fatma Tuba Coşkun	Lecture Pediatric Assessment in Pediatric Emergency Department Perihan Saf	Lecture Approach to Immun Deficiencies-2 Hülya Sarıçoban	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 Perihan Saf
11.00-11.50	Lecture Newborn Examination Filiz Bakar	Lecture Neonatal Hyperbilirubinemia Filiz Bakar	Lecture Approach to Nutrition Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-1 Elif Sağsak	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 Perihan Saf
12.00-12.50	Lecture Respiratory System Examination Hülya Sarıçoban	Lecture Neurological Examination Haluk Topaloğlu	Lecture Malnutrition & Obesity Meltem Uğraş	Lecture Growth, Development, and Growth Retardation-2 Elif Sağsak	Lecture Perinatal Asphyxia, Cerebral Palsy, Haluk Topaloğlu
13.00-13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50 (Online)	Lecture Gastrointestinal and Genitourinary System Examination Meltem Uğraş	Lecture Atopic Dermatitis and Allergic Rhinitis Hülya Sarıçoban	Lecture Prematurity, Postmaturity Filiz Bakar	Lecture Acute Rheumatic Fever and Infective Endocarditis Fatma Tuba Coşkun	Lecture Connective Tissue Diseases and Vasculitic Syndromes Çiğdem Ayanoğlu
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 / 11 – 15 Apr. 2022

	Monday 11-Apr-2022	Tuesday 12-Apr-2022	Wednesday 13-Apr-2022	Thursday 14-Apr-2022	Friday 15-Apr-2022
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, Diphteria, 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 (Online)	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 <i>Coma and Stroke</i> <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

GROUP C WEEK III / 18 – 22 Apr. 2022

	Monday 18-Apr-2022	Tuesday 19-Apr-2022	Wednesday 20-Apr-2022	Thursday 21-Apr-2022	Friday 22-Apr-2022
09.00-09:50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Lecture Neonatal Resuscitation, and Neonatal Transport <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base balance <i>Jale Çoban</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Malabsorbition and Celiac Disease <i>Meltem Uğraş</i>
10.00-10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>
11.00-11.50	Lecture Viral Paralytic Diseases <i>Endi Romano</i>	Lecture Hypophyseal Diseases <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
13.00-13.50	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Adrenal Hypo-Hyperfunction <i>Elif Sağsak</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Çetin Timur</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50 (Online)	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture <i>Haemophilia, Thrombosis and Disseminated Intravascular Coagulation</i> <i>Sabri Kemahlı</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>
15.00-15.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>	Practice (Vital signs) <i>Çiğdem Ayanoğlu</i>	<i>Independent Learning</i>
16.00-16.50	<i>Independent Learning</i>	<i>Independent Learning</i>	<i>Independent Learning</i>		<i>Independent Learning</i>

GROUP C WEEK IV / 25 – 29 Apr. 2022

	Monday 25-Apr-2022	Tuesday 26-Apr-2022	Wednesday 27-Apr-2022	Thursday 28-Apr-2022	Friday 29-Apr-2022
09.00- 09:50	Lecture Diabetes Mellitus <i>Elif Sağsak</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Infections of CNS <i>Tuba Giray</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>
10.00- 10.50	Lecture Diabetic Ketoacidosis <i>Elif Sağsak</i>	Lecture Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Lecture Inborn Errors of Metabolism-1 <i>Endi Romano</i>
11.00-11.50	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>	Lecture Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	Lecture Vitamin Deficiencies and Rickets -1 <i>Elif Sağsak</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Inborn Errors of Metabolism-2 <i>Endi Romano</i>
13.00- 13.50	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı</i>	Lecture Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	Lecture Vitamin Deficiencies and Rickets -2 <i>Elif Sağsak</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 14.50 (Online)	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Practice (Chest X-Ray evaluation) <i>Hülya Sarıçoban</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50					

GROUP C WEEK V / 02-06 May 2022 (ZKTRH)

	Monday 02-May-2022	Tuesday 03-May-2022	Wednesday 04-May-2022	Tuesday 05-May-2022	Friday 06-May-2022
08:00- 17:00	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	Independent Learning	Independent Learning
17:00 – 18.00					

GROUP C WEEK VI / 09 – 13 May 2022 (ZKTRH)

	Monday 09-May-2022	Tuesday 10-May-2022	Wednesday 11-May-2022	Tuesday 12-May-2022	Friday 13-May-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK VII / 16-20 May 2022 (ZKTRH)

	Monday 16-May-2022	Tuesday 17-May-2022	Wednesday 18-May-2022	Tuesday 19-May-2022	Friday 20-May-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	NATIONAL HOLIDAY	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning		Independent Learning

GROUP C WEEK VIII / 23 - 27 May 2022 (ZKTRH)

	Monday 23-May-2022	Tuesday 24-May-2022	Wednesday 25-May-2022	Tuesday 26-May-2022	Friday 27-May-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK IX / 30 May-03 June 2022 (ZKTRH)

	Monday 30-May-2022	Tuesday 31-May-2022	Wednesday 01-June-2022	Tuesday 02-June-2022	Friday 03-June-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK X / 06-10 June 2022 (ZKTRH)

	Monday 06. June-2022	Tuesday 07-June-2022	Wednesday 08-June-2022	Tuesday 09-June-2022	Friday 10-June-2022
08:00- 17:00	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL (UTRH)
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

GROUP C WEEK XI / 13-17 June 2022

	Monday 11-June-2022	Tuesday 12-June-2022	Wednesday 13-June-2022	Thursday 14-June-2022	Friday 15-June-2022
09.00 -12:00	Independent Learning	Independent Learning	OSCE	Assessment Session	Oral Examination
13.00- 14:20			Independent Learning	Lunch 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.

Cüneyt Kayaalp, M.D. Prof.

Servet Karagül, M.D. Assoc. Prof.

Süleyman Orman, M.D. Assoc. Prof.

Mirkhalig Javadov, M.D. Assist. Prof.

Fırat Demircan, M.D. Assist. Prof.

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

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

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 / 20 Sep.- 24 Sep. 2021 Group D

	Monday 20-Sep-2021	Tuesday 21-Sep-2021	Wednesday 22-Sep-2021	Thursday 23-Sep-2021	Friday 24-Sep-2021
09.00- 11.50	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>	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Cüneyt Kayaalp</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 <i>Süleyman Orman</i> Benign and Malignant Diseases of the Oesophagus <i>Süleyman Orman</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Liver Transplantation, Kidney and Pancreas Transplantation <i>Cüneyt Kayaalp</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 <i>Mirkhalig Javadov</i> Abdominal Trauma The Systemic Response to Injury <i>Mirkhalig Javadov</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 / 27 Sep. - 01 Oct. 2021 Group D

	Monday 27-Sep-2021	Tuesday 28-Sep-2021	Wednesday 29-Sep-2021	Thursday 30-Sep-2021	Friday 01-Oct-2021
09.00- 11.50	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Servet Karagül</i> Bening and Malignant Disease of the Stomach Morbid Obesity <i>Servet Karagül</i>	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	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Fırat Demircan</i>	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 / 04-08 Oct. 2021 Group D

	Monday 04-Oct-2021	Tuesday 05-Oct-2021	Wednesday 06-Oct-2021	Thursday 07-Oct-2021	Friday 08-Oct-2021
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 / 11 Oct.- 15 Oct. 2021 Group D

	Monday 11-Oct-2021	Tuesday 12-Oct-2021	Wednesday 13-Oct-2021	Thursday 14-Oct-2021	Friday 15-Oct-2021
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

Week I / 18 Oct. – 22 Oct. 2021 Group C

	Monday 18-Oct-2021	Tuesday 19-Oct-2021	Wednesday 20-Oct-2021	Thursday 21-Oct-2021	Friday 22-Oct-2021
09.00- 11.50	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>	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Cüneyt Kayaalp</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 <i>Süleyman Orman</i> Benign and Malignant Diseases of the Oesophagus <i>Süleyman Orman</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Liver Transplantation, Kidney and Pancreas Transplantation <i>Cüneyt Kayaalp</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 <i>Mirkhalig Javadov</i> Abdominal Trauma The Systemic Response to Injury <i>Mirkhalig Javadov</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 / 25 Oct. – 28 Oct. 2021 Group C

	Monday 25-Oct.-2021	Tuesday 26-Oct-2021	Wednesday 27-Oct.-2021	Thursday 28-Oct.-2021	Friday 29-Oct- 2021
09.00- 11.50	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Servet Karagül</i> Benign and Malignant Disease of the Stomach Morbid Obesity <i>Servet Karagül</i>	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	
13.30- 15.30	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Fırat Demircan</i>	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	
17.30- 17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

Week III / 01-05 Nov. 2021 Group C

	Monday 01-Nov-2021	Tuesday 02-Nov-2021	Wednesday 03-Nov-2021	Thursday 04-Nov-2021	Friday 05-Nov-2021
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 / 08 Nov.- 12 Nov. 2021 Group C

	Monday 08-Nov-2021	Tuesday 09-Nov-2021	Wednesday 10-Nov-2021	Thursday 11-Nov-2021	Friday 12-Nov-2021
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

Week I / 7 Feb.- 11 Feb. 2022 Group B

	Monday 07-Feb-2022	Tuesday 08-Feb-2022	Wednesday 09-Feb-2022	Thursday 10-Feb-2022	Friday 11-Feb-2022
09.00- 11.50	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>	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Cüneyt Kayaalp</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 <i>Süleyman Orman</i> Benign and Malignant Diseases of the Oesophagus <i>Süleyman Orman</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Liver Transplantation, Kidney and Pancreas Transplantation <i>Cüneyt Kayaalp</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 <i>Mirkhalig Javadov</i> Abdominal Trauma The Systemic Response to Injury <i>Mirkhalig Javadov</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 / 14 Feb. – 18 Feb. 2022 Group B

	Monday 14-Feb-2022	Tuesday 15-Feb-2022	Wednesday 16-Feb-2022	Thursday 17-Feb-2022	Friday 18-Feb-2022
09.00- 11.50	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Servet Karagül</i> Bening and Malignant Disease of the Stomach Morbid Obesity <i>Servet Karagül</i>	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	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Firat Demircan</i>	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 / 21 Feb.-25 Feb. 2022 Group B

	Monday 21-Feb-2022	Tuesday 22-Feb-2022	Wednesday 23-Feb-2022	Thursday 24-Feb-2022	Friday 25-Feb-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 / 28 Feb.- 04 Mar. 2022 Group B

	Monday 28-Feb-2022	Tuesday 01-Mar-2022	Wednesday 02-Mar-2022	Thursday 03-Mar-2022	Friday 04-Mar-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

Week I / 7 Mar.- 11 Mar. 2022 Group A

	Monday 07-Mar-2022	Tuesday 08- Mar-2022	Wednesday 09- Mar-2022	Thursday 10- Mar-2022	Friday 11- Mar-2022
09.00- 11.50	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>	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Cüneyt Kayaalp</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 <i>Süleyman Orman</i> Benign and Malignant Diseases of the Oesophagus <i>Süleyman Orman</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Liver Transplantation, Kidney and Pancreas Transplantation <i>Cüneyt Kayaalp</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 <i>Mirkhalig Javadov</i> Abdominal Trauma The Systemic Response to Injury <i>Mirkhalig Javadov</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 / 14 Mar. – 18 Mar. 2022 Group A

	Monday 14- Mar-2022	Tuesday 15- Mar-2022	Wednesday 16- Mar-2022	Thursday 17- Mar-2022	Friday 18- Mar-2022
09.00- 11.50	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Servet Karagül</i> Bening and Malignant Disease of the Stomach Morbid Obesity <i>Servet Karagül</i>	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	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Fırat Demircan</i>	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 / 21 Mar.-25 Mar. 2022 Group A

	Monday 21- Mar-2022	Tuesday 22- Mar-2022	Wednesday 23- Mar-2022	Thursday 24- Mar-2022	Friday 25- Mar-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 / 28 Mar.- 01 Apr. 2022 Group A

	Monday 28- Mar-2022	Tuesday 29- Mar-2022	Wednesday 30- Mar-2022	Thursday 31- Mar-2022	Friday 01-Apr-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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

OBSTETRICS AND GYNECOLOGY YEDİTEPE UNIVERSITY HOSPITAL

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.
Gazi Yıldırım, 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.
Sultan Can M.D.

&

MINISTRY OF HEALTH

İSTANBUL ÜMRANIYE TRAINING AND RESEARCH HOSPITAL

Head of the Department of Obstetrics and Gynecology: Murat Muhçu, MD. Assoc. Prof.

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 / 15 Nov 2021 – 19 Nov 2021

	Monday 15-Nov-2021	Tuesday 16-Nov-2021	Wednesday 17-Nov-2021	Thursday 18-Nov-2021	Friday 19-Nov-2021
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Multiple Pregnancies Rukset Attar / Sultan Can	Hematological Disorders and Pregnancy Petek F. Arioğlu	Obstetric Ultrasound Examination Petek F. Arioğlu
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Gazi Yıldırım / Sultan Can	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	High-risk Pregnancy: an Overview Petek F. Arioğlu
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Sultan Can	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Gazi Yıldırım / Sultan Can	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	Clinical Embryology Oya Alagöz
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Melis G. K. Yazıcı	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Hormonal Disorders and Pregnancy Melis G. K. Yazıcı
14.00- 14.50	Abnormal Labor Melis G. K. Yazıcı	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Melis G. K. Yazıcı
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım / Sultan Can	Independent Learning
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 / 22-26 Nov 2021

	Monday 22-Nov-2021	Tuesday 23-Nov-2021	Wednesday 24-Nov-2021	Thursday 25-Nov-2021	Friday 26-Nov-2021
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Sultan Can	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	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 / 29 Nov – 03 Dec 2021

	Monday 29-Nov-2021	Tuesday 30-Nov-2021	Wednesday 01-Dec-2021	Thursday 02-Dec-2021	Friday 03-Dec-2021
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 06-10 Dec 2021

	Monday 06-Dec-2021	Tuesday 07-Dec-2021	Wednesday 08-Dec-2021	Thursday 09-Dec-2021	Friday 10-Dec-2021
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 13 - 17 Dec 2021

	Monday 13-Dec-2021	Tuesday 14-Dec-2021	Wednesday 15-Dec-2021	Thursday 16-Dec-2021	Friday 17-Dec-2021
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30					
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

OBSTETRICS AND GYNECOLOGY - Group C

Week I / 20 Dec 2021 – 24 Dec 2021

	Monday 20-Dec-2021	Tuesday 21-Dec-2021	Wednesday 22-Dec-2021	Thursday 23-Dec-2021	Friday 24-Dec-2021
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Multiple Pregnancies Rukset Attar / Sultan Can	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Obstetric Ultrasound Examination Petek F. Arioğlu
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Gazi Yıldırım / Sultan Can	Menstrual Disorders, Amenorrhea Rukset Attar	High-risk Pregnancy: an Overview Petek F. Arioğlu
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Sultan Can	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Gazi Yıldırım / Sultan Can	Abnormal Uterine Bleeding Rukset Attar	Clinical Embryology Oya Alagöz
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Melis G. K. Yazıcı	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Hormonal Disorders and Pregnancy Melis G. K. Yazıcı
14.00- 14.50	Abnormal Labor Melis G. K. Yazıcı	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Melis G. K. Yazıcı
15.00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım / Sultan Can	Independent Learning
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 / 27-30 Dec 2021

	Monday 27-Dec-2021	Tuesday 28-Dec-2021	Wednesday 29-Dec-2021	Thursday 30-Dec-2021	Friday 31-Dec-2021
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Sultan Can	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Hematological Disorders and Pregnancy Petek F. Arıoğlu	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Hypertensive Disorders and Pregnancy Petek F. Arıoğlu	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	Cardiovascular Diseases and Pregnancy Petek F. Arıoğlu	
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 / 03-07 Jan 2022

	Monday 03-Jan-2022	Tuesday 04-Jan-2022	Wednesday 05-Jan-2022	Thursday 06-Jan-2022	Friday 07-Jan-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 10-14 Jan 2022

	Monday 10-Jan-2022	Tuesday 11-Jan-2022	Wednesday 12-Jan-2022	Thursday 13-Jan-2022	Friday 14-Jan-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 17-21 Jan 2022

	Monday 17-Jan-2022	Tuesday 18-Jan-2022	Wednesday 19-Jan-2022	Thursday 20-Jan-2022	Friday 21-Jan-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30					
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

OBSTETRICS AND GYNECOLOGY - Group B

Week I / 04-08 Apr 2022

	Monday 04-Apr-2022	Tuesday 05-Apr-2022	Wednesday 06-Apr-2022	Thursday 07-Apr-2022	Friday 08-Apr-2022
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Multiple Pregnancies Rukset Attar / Sultan Can	Hematological Disorders and Pregnancy Petek F. Arioğlu	Obstetric Ultrasound Examination Petek F. Arioğlu
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Gazi Yıldırım / Sultan Can	Hypertensive Disorders and Pregnancy Petek F. Arioğlu	High-risk Pregnancy: an Overview Petek F. Arioğlu
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Sultan Can	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Gazi Yıldırım / Sultan Can	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu	Clinical Embryology Oya Alagöz
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Melis G. K. Yazıcı	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Hormonal Disorders and Pregnancy Melis G. K. Yazıcı
14.00- 14.50	Abnormal Labor Melis G. K. Yazıcı	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Melis G. K. Yazıcı
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım / Sultan Can	Independent Learning
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 / 11-15 Apr 2022

	Monday 11-Apr-2022	Tuesday 12-Apr-2022	Wednesday 13-Apr-2022	Thursday 14-Apr-2022	Friday 15-Apr-2022
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Sultan Can	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	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 / 18-22 Apr 2022

	Monday 18-Apr-2022	Tuesday 19-Apr-2022	Wednesday 20-Apr-2022	Thursday 21-Apr-2022	Friday 22-Apr-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 25-29 Apr 2022

	Monday 25-Apr-2022	Tuesday 26-Apr-2022	Wednesday 27-Apr-2022	Thursday 28-Apr-2022	Friday 29-Apr-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

02-06 May 2022

	Monday 02-May-2022	Tuesday 03-May-2022	Wednesday 04-May-2022	Thursday 05-May-2022	Friday 06-May-2022
09.00- 09.50	NATIONAL HOLIDAY				
10.00- 10.50					
11.00- 12.30					
12.30- 13.30					
13.30-15.30					
15.30- 17.30					
17.30-18:00					

Week V / 09-13 May 2022

	Monday 09-May-2022	Tuesday 10-May-2022	Wednesday 11-May-2022	Thursday 12-May-2022	Friday 13-May-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	Independent Learning	Oral Examination
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Evaluation of the Clerkship

OBSTETRICS AND GYNECOLOGY - Group A

Week I / 16-20 May 2022

	Monday 16-May-2022	Tuesday 17-May-2022	Wednesday 18-May-2022	Thursday 19-May-2022	Friday 20-May-2022
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Multiple Pregnancies Rukset Attar / Sultan Can	NATIONAL HOLIDAY	Obstetric Ultrasound Examination Petek F. Arioğlu
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Gazi Yıldırım / Sultan Can		High-risk Pregnancy: an Overview Petek F. Arioğlu
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Sultan Can	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Gazi Yıldırım / Sultan Can		Clinical Embryology Oya Alagöz
12.00- 13.00	Lunch	Lunch	Lunch		Lunch
13.00-13.50	Normal Labor Melis G. K. Yazıcı	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar		Hormonal Disorders and Pregnancy Melis G. K. Yazıcı
14.00- 14.50	Abnormal Labor Melis G. K. Yazıcı	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Assisted Reproductive Technologies Erkut Attar		Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Melis G. K. Yazıcı
15.00- 15.50	Operative Labor and Cesarean Section Rukset Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	Developmental Defects of the Female Reproductive Tract Erkut Attar		Independent Learning
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 / 23-27 May 2022

	Monday 23-May-2022	Tuesday 24-May-2022	Wednesday 25-May-2022	Thursday 26-May-2022	Friday 27-May-2022
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Hematological Disorders and Pregnancy Petek F. Arioğlu
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Sultan Can	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	Hypertensive Disorders and Pregnancy Petek F. Arioğlu
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Cardiovascular Diseases and Pregnancy Petek F. Arioğlu
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar	Hirsutismus Gazi Yıldırım
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	Abnormal Uterine Bleeding Rukset Attar	Gestational Trophoblastic Diseases Gazi Yıldırım / Sultan Can
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 / 30 May – 03 Jun 2022

	Monday 30-May-2022	Tuesday 31-May-2022	Wednesday 01-Jun-2022	Thursday 02-Jun-2022	Friday 03-Jun-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 06-10 Jun 2022

	Monday 06-Jun-2022	Tuesday 07-Jun-2022	Wednesday 08-Jun-2022	Thursday 09-Jun-2022	Friday 10-Jun-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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 / 13-17 Jun 2022

	Monday 13-Jun-2022	Tuesday 14-Jun-2022	Wednesday 15-Jun-2022	Thursday 16-Jun-2022	Friday 17-Jun-2022
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE 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,

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

Muzaffer Murat Değertekin, MD. Prof.

Olca Özveren, MD. Assoc. Prof.

Tolga Aksu , MD . Assoc. Prof.

Mustafa Aytek Şimşek, MD. Assist. Prof.

Erdal Durmuş M.D.

Çiğdem Koca M.D.

Feri Onur Mutluer M.D.

&

KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Ramazan Kargın MD. Assoc. Prof.

Ali Karagöz, MD .Assoc. Prof.

Alev Kılıçgedik, MD .Assoc. Prof.

ACADEMIC SCHEDULE OF CARDIOLOGY 2021-2022

GROUP A	GROUP B	GROUP C	GROUP D
<p style="text-align: center;">CARDIOLOGY (2 WEEKS) 07.02.2022-18.02..2022</p> <p style="text-align: center;">THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</p> <p style="text-align: center;">PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p style="text-align: center;">CARDIOLOGY (2 WEEKS) 07.03.2022-18.03.2022</p> <p style="text-align: center;">THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</p> <p style="text-align: center;">PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p style="text-align: center;">CARDIOLOGY (2 WEEKS) 20.09.2021-01.10.2021</p> <p style="text-align: center;">THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</p> <p style="text-align: center;">PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	<p style="text-align: center;">CARDIOLOGY (2 WEEKS) 01.11.2021-12.11.2021</p> <p style="text-align: center;">THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</p> <p style="text-align: center;">PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>

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 07-Feb-2022				Tuesday 08-Feb-2022				Wednesday 09-Feb-2022				Thursday 10-Feb-2022				Friday 11-Feb-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				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	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>Erdal Durmuş</i> <i>Muzaffer Değertekin</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Erdal Durmuş</i> <i>Muzaffer değertekin</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>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	Lecture Basic 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>Çiğdem Koca</i> <i>Muzaffer Değertekin</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 14-Feb-2022				Tuesday 15-Feb-2022				Wednesday 16-Feb-2022				Thursday 17-Feb-2022	Friday 18-Feb-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>Erdal Durmuş</i> <i>Olçay Özveren</i>	Written Examination and Oral Examination YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca
	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>Çiğdem Koca</i> <i>Olçay Özveren</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Independent Learning	
14.00-14.50	Lecture Infective Endocarditis <i>Çiğdem Koca</i> <i>Olçay Özveren</i>				Lecture Tachyarrhythmias <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture Sudden Cardiac Death <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Independent Learning	
15.00-15.50	Lecture Pericardial Diseases <i>Erdal Durmuş</i> <i>Olçay Özveren</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Independent Learning	
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP B / Week I																				
	Monday 07-March-2022				Tuesday 08-March-2022				Wednesday 09-March-2022				Thursday 10-March-2022				Friday 11-March-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				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	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>Erdal Durmuş</i> <i>Muzaffer Değertekin</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Erdal Durmuş</i> <i>Muzaffer Değertekin</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>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	Lecture Basic 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>Çiğdem Koca</i> <i>Muzaffer Değertekin</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 B / Week II														
	Monday 14-March-2022				Tuesday 15-March-2022				Wednesday 16-Marh-2022				Thursday 17-March-2022	Friday 18-March-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 Pulmonary Vascular Disease Erdal Durmuş Olca Özveren	Written Examination and Oral Examination
	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 Çiğdem Koca Olca Özveren				Lecture Tachyarrhythmas Tolga Aksu Feri Onur Mutluer				Lecture Syncope Tolga Aksu Feri Onur Mutluer				Independent Learning	YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olca Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca
14.00- 14.50	Lecture Infective Endocarditis Çiğdem Koca Olca Özveren				Lecture Tachyarrhythmias Tolga Aksu Feri Onur Mutluer				Lecture Sudden Cardiac Death Tolga Aksu Feri Onur Mutluer				Independent Learning	
15.00- 15.50	Lecture Pericardial Diseases Erdal Durmuş Olca Özveren				Lecture Bradyarrhythmias and Heart Blocks Tolga Aksu Feri Onur Mutluer				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators Tolga Aksu Feri Onur Mutluer				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP C / Week I																				
	Monday 20-Sep-2021				Tuesday 21-Sep-2021				Wednesday 22-Sep-2021				Thursday 23-Sep-2021				Friday 24-Sep-2021			
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				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	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>Erdal Durmuş</i> <i>Muzaffer Değertekin</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00-14.50	Lecture Cardiovascular Examination <i>Erdal Durmuş</i> <i>Muzaffer değertekin</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>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00-15.50	Lecture Basic 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>Çiğdem Koca</i> <i>Muzaffer Değertekin</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 C / Week II														
	Monday 27-Sep-2021				Tuesday 28-Sep-2021				Wednesday 29-Sep-2021				Thursday 30-Sep-2021	Friday 1-Oct-2021
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>Erdal Durmuş Olçay Özveren</i>	Written Examination and Oral Examination
	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>Çiğdem Koca Olçay Özveren</i>				Lecture Tachyarrhythmas <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca
14.00- 14.50	Lecture Infective Endocarditis <i>Çiğdem Koca Olçay Özveren</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>Erdal Durmuş Olçay Özveren</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 1-Nov-2021				Tuesday 2-Nov-2021				Wednesday 3-Nov-2021				Thursday 4-Nov-2021				Friday 5-Nov-2021			
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				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	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>Erdal Durmuş</i> <i>Muzaffer Değertekin</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure I <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Erdal Durmuş</i> <i>Muzaffer değertekin</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>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>				Lecture Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	Lecture Basic 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>Çiğdem Koca</i> <i>Muzaffer Değertekin</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 D / Week II														
	Monday 8-Nov-2021				Tuesday 9-Nov-2021				Wednesday 10-Nov-2021				Thursday 11-Nov-2021	Friday 12-Nov-2021
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>Erdal Durmuş Olçay Özveren</i>	Written Examination and Oral Examination
	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>Çiğdem Koca Olçay Özveren</i>				Lecture Tachyarrhythmas <i>Tolga Aksu Feri Onur Mutluer</i>				Lecture Syncope <i>Tolga Aksu Feri Onur Mutluer</i>				Independent Learning	YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca
14.00- 14.50	Lecture Infective Endocarditis <i>Çiğdem Koca Olçay Özveren</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>Erdal Durmuş Olçay Özveren</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	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOVASCULAR SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Halit Yerebakan, MD, Assoc.Prof. of Cardiovascular Surgery

(Head of Department)

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

Serkan Çelik, MD, Cardiovascular Surgeon

&

**KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
Dept. of CARDIOVASCULAR SURGERY**

Hasan Sunar, MD, Prof. of Cardiovascular Surgery

Taylan Adademir, 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.

NCC 2014 – Essential Medical Procedures (Cardiovascular Surgery)	Performance Level
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 %

	Monday 04-Oct-2021	Tuesday 05-Oct-2021	Wednesday 06-Oct-21	Thursday 07-Oct-2021	Friday 08-Oct-21
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>Halit Yerebakan</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Halit Yerebakan</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>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	Lecture Venous and Lymphatic System Disease <i>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Halit Yerebakan</i>	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

	Monday 11-Oct-2021	Tuesday 12-Oct-2021	Wednesday 13-Oct-21	Thursday 14-Oct-2021	Friday 15-Oct- 21
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	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	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

January 10-21, 2022

LECTURES (10-14-Jan-2022)

	Monday 10-Jan-2022	Tuesday 11-Jan-2022	Wednesday 12-Jan-2022	Thursday 13-Jan-2022	Friday 14-Jan-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>Halit Yerebakan</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Halit Yerebakan</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>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	Lecture Venous and Lymphatic System Disease <i>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Halit Yerebakan</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 B

PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

(17-21-Jan-2022)

	Monday 17-Jan-2022	Tuesday 18-Jan-2022	Wednesday 19-Jan-2022	Thursday 20-Jan-2022	Friday 21-Jan-2022
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	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 C

21 February – 04 March, 2022

LECTURES (21-25 Feb- 2022)

	Monday 21- Feb-2022	Tuesday 22- Feb-2022	Wednesday 23- Feb-2022	Thursday 24- Feb-2022	Friday 25- Feb-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>Halit Yerebakan</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Halit Yerebakan</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>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	Lecture Venous and Lymphatic System Disease <i>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Halit Yerebakan</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 C
PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
(28 Feb- 04 March 2022)

	Monday 28- Feb-2022	Tuesday 01-Mar-2022	Wednesday 02-Mar-2022	Thursday 03-Mar-2022	Friday 04-Mar-2022
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	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 D

21 March – 01 April, 2022

LECTURES (21-25 Mar- 2022)

	Monday 21-Mar-2022	Tuesday 22-Mar-2022	Wednesday 23-Mar-2022	Thursday 24-Mar-2022	Friday 25-Mar-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>Halit Yerebakan</i>	Assessment Session
10.30 – 11.20	Lecture Anatomy of Heart and Great Vessels <i>Halit Yerebakan</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>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	Lecture Venous and Lymphatic System Disease <i>Halit Yerebakan</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>Halit Yerebakan</i>	Lecture Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Halit Yerebakan</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

(28 March-01 April 2022)

	Monday 28-Mar-2022	Tuesday 29-Mar-2022	Wednesday 30-Mar-2022	Thursday 31-Mar-2022	Friday 01-Apr- 2022
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	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. Assoc. Prof. (Head of the Department)

Osman Kelahmetoğlu MD. Assoc. Prof.

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
18.04.2022-26.04.2022	26.05.2022-03.06.2022	29.11.2021-07.12.2021	29.12.2021-07.01.2022

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>Osman Kelahmetoğlu</i>	Lecture Skin Cancer <i>Osman Kelahmetoğlu</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>Osman Kelahmetoğlu</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>Osman Kelahmetoğlu</i>	Lecture Cleft Lip and Palate <i>Osman Kelahmetoğlu</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.

Levent Alpay, 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								
	Wednesday 08.Dec.2021	Thursday 09.Dec.2021	Friday 10.Dec.2021	Monday 13.Dec.2021	Tuesday 14.Dec.2021	Wednesday 15.Dec.2021	Thursday 16.Dec.2021	Friday 17.Dec.2021
08.00-08.45	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience InPatient Aysun Kosif	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Aysun Kosif	Clinical Experience InPatient TBA	Clinical Experience Surgical Intensive care unit TBA	Clinical Experience Surgical Aysun Kosif	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.00-09.45	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif	Clinical Experience InPatient TBA	Clinical Experience Surgical Intensive care unit TBA	Clinical Experience Surgical Tube thoracostomy Lexent Alpax	Independent Learning Preparation for the Exam	
10.00-10.45	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical TBA	Case Presentation (Faculty) TBA	Clinical Experience Surgical Operating room TBA	Clinical Experience Surgical Lexent Alpax	Independent Learning Preparation for the Exam	
11.00-11.45	Case Presentation (Faculty) TBA	Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical R.Serdar Exman	Case Presentation (Faculty) TBA	Clinical Experience Surgical Operating room R.Serdar Exman	Clinical Experience Surgical Bronchoscopy Lexent Alpax	Independent Learning Preparation for the Exam	
11.45-13.00							Lunch	
13.00-13.40	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions TBA	Lecture Radiological Evaluation in Thoracic Surgery TBA	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Lecture Lung Cancers and Other Tumors of Lung TBA	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Written Exam
13.50-14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	Lecture Hemoptysis R.Serdar Exman	Lecture Thoracic Trauma I Aysun Kosif	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Lexent Alpax	Lecture Chest Wall Diseases and Surgical Treatment R.Serdar Exman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Oral Exam
14.40-15.20	Lecture Tracheobronchial & Esophageal Foreign Bodies Lexent Alpax	Lecture Mediastinal Diseases and Surgical Treatment TBA	Lecture Thoracic Trauma II Aysun Kosif	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung TBA	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Exman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	
15.30-16.10	Lecture Interventional Procedures in Thoracic Surgery Lexent Alpax	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 20.Dec.2021	Tuesday 21.Dec.2021	Wednesday 22.Dec.2021	Thursday 23.Dec.2021	Friday 24.Dec.2021	Monday 27.Dec.2021	Tuesday 28.Dec.2021
08.00-08.45	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	Clinical Experience InPatient Ayşın Kocif	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Ayşın Kocif	Clinical Experience InPatient TBA	Clinical Experience Surgical Intensive care unit TBA	Clinical Experience Surgical Ayşın Kocif	Independent Learning Preparation for the Exam
09.00-09.45	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Clinical Skills Training Assessment Session Ayşın Kocif	Clinical Experience InPatient TBA	Clinical Experience Surgical Intensive care unit TBA	Clinical Experience Surgical Tube thoracostomy Levent Albayrak	
10.00-10.45	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical TBA	Case Presentation (Faculty) TBA	Clinical Experience Surgical Operating room TBA	Clinical Experience Surgical Levent Albayrak	
11.00-11.45	Case Presentation (Faculty) TBA	Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical R. Serdar Ercan	Case Presentation (Faculty) TBA	Clinical Experience Surgical Operating room R. Serdar Ercan	Clinical Experience Surgical Bronchoscopy Levent Albayrak	
11.45-13.00							
13.00-13.40	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions TBA	Lecture Radiological Evaluation in Thoracic Surgery TBA	Lecture Spontaneous Pneumothorax and Bullous Disorders Ayşın Kocif	Lecture Lung Cancers and Other Tumors of Lung TBA	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Independent Learning Preparation for the Exam	Written Exam
13.50-14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	Lecture Hemoptysis R. Serdar Ercan	Lecture Thoracic Trauma I Ayşın Kocif	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Albayrak	Lecture Chest Wall Diseases and Surgical Treatment R. Serdar Ercan	Independent Learning Preparation for the Exam	Oral Exam
14.40-15.20	Lecture Tracheobronchial & Esophageal Foreign Bodies Levent Albayrak	Lecture Mediastinal Diseases and Surgical Treatment TBA	Lecture Thoracic Trauma II Ayşın Kocif	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung TBA	Lecture Diaphragmatic Diseases and Surgical Treatment R. Serdar Ercan	Independent Learning Preparation for the Exam	
15.30-16.10	Lecture Interventional Procedures in Thoracic Surgery Levent Albayrak	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								
	Wednesday 27 Apr 2022 @Kayışdağı	Thursday 28 Apr 2022 @Sultanbeyli	Friday 29 Apr 2022 @Kayışdağı	Monday 02 May 2022	Tuesday 3 May 2022	Wednesday 4 May 2022	Thursday 5 May 2022	Friday 6 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	National Holiday	National Holiday	National Holiday	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					
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					
11.10-12.00	Case Presentation (Faculty) Levent Alpay	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman					
12.00-13.00	Lunch							
13.00-13.45	Lecture Interventional Procedures in Thoracic Surgery Levent Alpay	Clinical Experience Surgical Bronchoscopy Levent Alpay	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	National Holiday	National Holiday	National Holiday	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
13.55-14.40	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	Clinical Experience Surgical Tube thoracostomy Levent Alpay	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif					
14.50-15.35	Lecture Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	Clinical Experience Surgical R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif					
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam					

THORACIC SURGERY Group 3					
	Monday 09 May 2022 @Kayışdağı	Tuesday 10 May 2022 @Sultanbeyli	Wednesday 11 May 2022 @Sultanbeyli	Thursday 12 May 2022	Friday 13 May 2022
08.30-09.15	Lecture Thoracic Trauma I 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 Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operating room R.Serdar Evman	Independent Learning Preparation for the Exam	
10.20-11.05	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung Aysun Kosif	Clinical Experience InPatient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Independent Learning Preparation for the Exam	
11.10-12.00	Case Presentation (Faculty) Aysun Kosif	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	Independent Learning Preparation for the Exam	
12.00-13.00	Lunch				
13.00-13.45	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 Hemoptysis R.Serdar Evman	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif	Independent Learning Preparation for the Exam	Oral Exam
14.50-15.35	Case Presentation (Faculty) R.Serdar Evman	Independent Learning Preparation for the Exam	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	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

THORACIC SURGERY Group 4									
	Monday 16 May 2022 @Kayışdağı	Tuesday 17 May 2022 @Sultanbeyli	Wednesday 18 May 2022 @Kayışdağı	Thursday 19 May 2022	Friday 20 May 2022 @Kayışdağı	Monday 23 May 2022 @Sultanbeyli	Tuesday 24 May 2022 @Sultanbeyli	Wednesday 25 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	National Holiday	Lecture Interventional Procedures in Thoracic Surgery Levent Alpay	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 Levent Alpay	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 Levent Alpay	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) Levent Alpay	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 Levent Alpay	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	National Holiday	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	Written Exam	
13.55-14.40	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Tube thoracostomy Levent Alpay	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		
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	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 abortions 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 06 -10, 2021 (online)					
	Monday 06.Sept.2021	Tuesday 07. Sept.2021	Wednesday 08. Sept.2021	Thursday 09. Sept.2021	Friday 10. Sept.2021
09.00-09.50	Introductory Session (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Collecting the papers
10.00-10.50	Repeating Physician-Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>				Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>
11.00-11.50	Application of Medical Ethics Principles to Different Physician- Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>				
12.00-12.50	Lunch				
13.00-13.50	Explaining the Interdisciplinary Approach between Medical Law and Medical Ethics <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey <i>Elif Vatanoğlu Lutz</i>				
15.00-15.50	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey <i>Elif Vatanoğlu Lutz</i>				
16.00-16.50	Science Ethic <i>Elif Vatanoğlu Lutz</i>				
17.00-17:50	Research Ethic <i>Elif Vatanoğlu Lutz</i>				

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Public Health: Recep Erol Sezer, MD Prof.

Özlem Tanrıöver, MD Prof. MPH

Hale Arık Taşyikan, MD Assist. Prof. MPH

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 pico 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 13 – 17, 2021 (online)					
	Monday 13.Sept.2021	Tuesday 14. Sept.2021	Wednesday 15. Sept.2021	Thursday 16. Sept.2021	Friday 17. Sept.2021
09.00-09.50	Introductory Session Lecture Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	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: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>			
11.00-11.50			Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	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>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for, and submission of the EBM homework (latest:14.00) Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	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>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	
17.00-17.50					Program Evaluation Session <i>Recep Erol Sezer,</i> <i>Özlem Tanrıöver,</i> <i>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 18.10.21-28.10.21

GROUP D					
	Monday 18-Oct-2021	Tuesday 19-Oct-2021	Wednesday 20-Oct-2021	Thursday 21-Oct-2021	Friday 22-Oct-2021
09:00-12:00	Lecture COVID-19 <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>Emin Gökhan Gençer</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>Gözde Şen</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 25-Oct-2021	Tuesday 26-Oct-2021	Wednesday 27-Oct-2021	Thursday 28-Oct-2021	Friday 29-Oct-2021
09:00- 12:00	Student Presentations Group D5-D6	Student Presentations Group D7-D8	Student Presentations Group D9-D10	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)	Evaluation session	
17:00- 21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)		

GROUP C 15.11.21-26.11.21

GROUP C					
	Monday 15-Nov-2021	Tuesday 16-Nov-2021	Wednesday 17-Nov-2021	Thursday 18-Nov-2021	Friday 19-Nov-2021
09:00- 12:00	Lecture COVID-19 <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>Emin Gökhan Gençer</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>Gözde Şen</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 22-Nov-2021	Tuesday 23-Nov-2021	Wednesday 24-Nov-2021	Thursday 25-Nov-2021	Friday 26-Nov-2021
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 04.04.22-15.04.22

GROUP A					
	Monday 04-Apr-2022	Tuesday 05-Apr-2022	Wednesday 06-Apr-2022	Thursday 07-Apr-2022	Friday 08-Apr-2022
09:00-12:00	Lecture COVID-19 <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>Emin Gökhan Gençer</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>Gözde Şen</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 11-Apr-2022	Tuesday 12-Apr-2022	Wednesday 13-Apr-2022	Thursday 14-Apr-2022	Friday 15-Apr-2022
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 06.06.22-17.06.22

GROUP B					
	Monday 06-Jun-2022	Tuesday 07-Jun-2022	Wednesday 08-Jun-2022	Thursday 09-Jun-2022	Friday 10-Jun-2022
09:00-12:00	Lecture COVID-19 <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>Emin Gökhan Gençer</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>Gözde Şen</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 13-Jun-2022	Tuesday 14-Jun-2022	Wednesday 15- Jun-2022	Thursday 16- Jun-2022	Friday 17- Jun-2022
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)	

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
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) f) Help students in career planning
- g) Contribute to students adapting the habit of lifelong learning
- h) f) 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.

2021 - 2022 PHASE IV LIST OF STUDENT COUNSELING

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**FACULTY OF MEDİCİNE / 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.

Success grades and letter grades		
85-100	AA	
75-84	BA	
65-74	BB	
60-64	CB	
50-59	CC	
0	FA	NOT ATTENDED (Failure to attend the clerkship exam and clerkship incomplete exam due to absenteeism)
0-49	FF	FAIL (Failure to pass the clerkship exam / clerkship incomplete exam)

	Letter grade	Success grade
Estimated Grade:		

Head of the Department / Instructor in Charge :

Signature :

Date :

CONTACT

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Dean Secretary:
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Fax: +90 216 578 05 75

Student Affairs :
Tel: 0216 578 06 86

Documents Affairs:
Tel: 0216 578 05 93

Coordinator/ Co.coordinator:

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)
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