

**YEDİTEPE UNIVERSITY**  
**FACULTY of MEDICINE**  
**PHASE IV**  
**ACADEMIC PROGRAM BOOK**  
**2018– 2019**

Student's;

Name :.....

Nr :.....



**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

<b>CONTENTS</b>	<b>Page</b>
PROGRAM OUTCOMES OF MEDICAL EDUCATION.....	1
PHASE IV COORDINATION COMMITTEE.....	5
DESCRIPTION OF THE PHASE IV.....	6
PHASE CONTENT.....	6
EXECUTIVES OF ACADEMIC YEAR .....	6
AIM AND OBJECTIVES OF PHASE IV.....	7
ACADEMIC SCHEDULE 2018 – 2019.....	8
ACADEMIC CALENDER 2018 – 2019.....	10
STUDENT GROUPS.....	11
RECOMMENDED TEXTBOOKS.....	13
SPECIFIC SESSIONS / PANELS.....	15
INDEPENDENT LEARNING.....	18
ASSESSMENT PROCEDURES.....	20
YEDİTEPE UNIVERSITY FACULTY OF MEDICINE EXAM RULES.....	21
CLERKSHIP PROGRAMS.....	22
TRANSITION TO CLINICAL SETTINGS.....	23
INTERNAL MEDICINE TRAINING PROGRAM.....	27
CHILD HEALTH AND PEDIATRICS TRAINING PROGRAM.....	52
GENERAL SURGERY TRAINING PROGRAM.....	76
OBSTETRICS AND GYNECOLOGY TRAINING PROGRAM.....	90
CARDIOLOGY TRAINING PROGRAM.....	104
CARDIOVASCULAR SURGERY TRAINING PROGRAM.....	112
PLASTIC AND RECONSTRUCTIVE SURGERY TRAINING PROGRAM.....	119
THORACIC SURGERY TRAINING PROGRAM.....	125
CLINICAL ETHICS TRAINING PROGRAM.....	132
PUBLIC HEALTH- EVIDENCE BASED MEDICINE TRAINING PROGRAM.....	138
EMERGENCY MEDICINE.....	143
STUDENT COUNSELING.....	151
CONTACT INFORMATION.....	154



**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**  
**AIM OF MEDICAL EDUCATION PROGRAM<sup>\*,\*\*</sup>**

\*“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*”

\*\*© 2011, Yeditepe University Faculty of Medicine

**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 \* , \*\*

\*©2015 Yeditepe Üniversitesi Tıp Fakültesi (Yeditepe University Faculty of Medicine) All Rights Reserved.

\*\*No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Yeditepe University Faculty of Medicine.

**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 2018 – 2019)**

Gazi YILDIRIM MD, Assoc. Prof. (**Coordinator**)

Müge BIÇAKÇIGİL MD, Assoc. Prof. (**Co-coordinator**)

Hülya ERCAN SARIÇOBAN MD, Assoc. Prof. (**Co-coordinator**)

M. Ferudun ÇELİKMEN MD, Assist Prof. (**Co-coordinator**)

**YEDİTEPE UNIVERSITY**  
**FACULTY of MEDICINE**  
**PHASE IV**

**DESCRIPTION OF PHASE IV**

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

**PHASE CONTENT**

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

**EXECUTIVES OF ACADEMIC YEAR**

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

## AIM AND OBJECTIVES OF PHASE IV

### AIM

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

### LEARNING OBJECTIVES

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

#### KNOWLEDGE

1. **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
2. **tell** that taking a history based on systems is an important element of diagnosis
3. **count** properties of Physical Examination based on systems
4. **explain** interventions used for current medical and surgical methods
5. **recognize** basic ethical Approaches completely
6. **distinguish** between legal and ethical issues

#### SKILLS

1. **take** history based on systems
2. **apply** Physical Examination methods based on systems
3. **select** appropriate tests to support clinical decisions
4. **interpret** test results to support clinical decisions
5. **do** frequently used diagnostic applications
6. **refer** Patient to next level care

#### ATTITUDES

1. **participate** fully and timely in activities carried out during training
2. **take** responsibilities to be fulfilled

## PHASE 4 ACADEMIC SCHEDULE 2018 - 2019

### GROUP A

TRANSITION TO CLINICAL SETTINGS (3 DAYS ) 05.09.2018 - 07.09.2018

INTERNAL MEDICINE (10 WEEKS ) 10.09.2018 - 16.11.2018  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL

CARDIOLOGY (2 WEEKS) 19.11.2018 - 30.11.2018  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -  
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

CHILD HEALTH AND PEDIATRICS (10 WEEKS ) 03.12.2018 - 08.02.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K  
PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL. (K.L.K)

PUBLIC HEALTH (1 WEEK) 11.02.2019 - 15.02.2019 CAMPUS

CLINICAL ETHICS (1 WEEK) 18.02.2019 - 22.02.2019 CAMPUS

GENERAL SURGERY (4 WEEKS) 25.02.2019 - 25.03.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

THORACIC SURGERY  
(1,5 WEEK) 26.03.2019 - 03.04.2019  
SÜREYYAŞA THORACIC DISEASES AND THORACIC  
SURGERY TRAINING AND RESEARCH HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY  
(1,5 WEEK) 26.03.2019 - 03.04.2019  
YEDİTEPE UNIVERSITY HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY  
(1,5 WEEK) 04.04.2019-12.04.2019  
YEDİTEPE UNIVERSITY HOSPITAL

THORACIC SURGERY  
(1,5 WEEK) 04.04.2019-12.04.2019  
SÜREYYAŞA THORACIC DISEASES AND THORACIC  
SURGERY TRAINING AND RESEARCH HOSPITAL

EMERGENCY MEDICINE (2 WEEKS) 15.04.2019 – 26.04.2019  
YEDİTEPE UNIVERSITY HOSPITAL

CARDIOVASCULAR SURGERY (2 WEEKS) 29.04.2019 - 10.05.2019  
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL

OBSTETRICS AND GYNECOLOGY (5 WEEKS) 13.05.2019 - 14.06.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL

## PHASE 4 ACADEMIC SCHEDULE 2018 - 2019

### GROUP B

TRANSITION TO CLINICAL SETTINGS (3 DAYS) 05.09.2018 - 07.09.2018

CHILD HEALTH AND PEDIATRICS (10 WEEKS) 10.09.2018 - 16.11.2018  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K  
PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL (K.L.K)

PUBLIC HEALTH (1 WEEK) 19.11.2018 - 23.11.2018 CAMPUS

CLINICAL ETHICS (1 WEEK) 26.11.2018 -30.11.2018 CAMPUS

INTERNAL MEDICINE (10 WEEKS) 03.12.2018 - 08.02.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H) + YEDİTEPE UNIVERSITY HOSPITAL

CARDIOLOGY (2 WEEKS) 11.02.2019 - 22.02.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

OBSTETRICS AND GYNECOLOGY (5 WEEKS) 25.02.2019 - 29.03.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: ÜMRANIYE TRAINING AND RESEARCH HOSPITAL

GENERAL SURGERY (4 WEEKS) 01.04.2019 - 29.04.2019  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL  
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

THORACIC SURGERY  
(1,5 WEEK) 30.04.2019 -08.05.2019  
SÜREYYAPAŞA THORACIC DISEASES AND THORACIC  
SURGERY TRAINING AND RESEARCH HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY  
(1,5 WEEK) 30.04.2019 - 08.05.2019  
YEDİTEPE UNIVERSITY HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY  
(1,5 WEEK) 09.05.2019 - 17.05.2019  
YEDİTEPE UNIVERSITY HOSPITAL

THORACIC SURGERY  
(1,5 WEEK) 09.05.2019 - 17.05.2019  
SÜREYYAPAŞA THORACIC DISEASES AND THORACIC  
SURGERY TRAINING AND RESEARCH HOSPITAL

EMERGENCY MEDICINE (2 WEEKS) 20.05.2019 – 31.05.2019  
YEDİTEPE UNIVERSITY HOSPITAL

CARDIOVASCULAR SURGERY (2 WEEKS) 03.06.2019- 14.06.2019  
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL  
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**ACADEMIC CALENDAR  
2018 - 2019**

<b>September 05, 2018 (Wednesday)</b>	<b>Beginning of Phase IV</b>
<b>October 17, 2018 (Wednesday)</b>	<b>Coordination Committee Meeting</b>
<b>October 29, 2017 (Monday)</b>	<b>Republic Day - National Holiday</b>
<b>November 10, 2018 (Saturday)</b>	<b>Commemoration of Atatürk</b>
<b>January 1, 2019 (Tuesday)</b>	<b>New Year</b>
<b>January 09, 2019 (Wednesday)</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>March 14, 2019 (Wednesday)</b>	<b>Physicians' Day</b>
<b>April 23, 2019 (Tuesday)</b>	<b>National Holiday</b>
<b>May 1, 2019 (Wednesday)</b>	<b>Labor's Day</b>
<b>May 08, 2019 (Wednesday)</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>May 19, 2019 (Sunday)</b>	<b>National Holiday</b>
<b>June 3-7, 2019 (Monday - Friday)</b>	<b>Religious Holiday</b>
<b>June 14, 2019 (Friday)</b>	<b>End of Phase IV</b>
<b>July 08-12, 2019 (Monday - Friday)</b>	<b>Incomplete Exams</b>
<b>July 17, 2019 (Wednesday)</b>	<b>Coordination Committee Meeting</b>

<b>2018- 2019 PHASE IV GROUP A</b>			
1	20140800012	DAMLA	ACAR
2	20150800101	DUYGU	AÇIKTEPE
3	20170800112	SALİME NUR	AFŞAR
4	20140800002	BERFİN ECE	AKBULUT
5	20150800032	UMUT DENİZ	AKDAĞ
6	20140800054	CEYDA	AKDİ
7	20150800078	İLAYDA	AKPINAR
8	20150800013	DEFNE	AKSOY
9	20180800019	RÜMEYSA	ALTINKAYNAK
10	20140800043	DİLAN	ASLAN
11	20180800021	ÇAĞDAŞ	ATAOĞLU
12	20140800078	EZGİ	ATEŞ
13	20150800049	YASİN FIRAT	AYDOĞAN
14	20150800029	BERKAY	AYGÜN
15	20150800091	İBRAHİM	AZİMLİ
16	20150800051	MEHMET DENİZ	BAKAN
17	20150800105	BEGÜM	BALCI
18	20140800044	İLGİN	BARUT
19	20140800062	MERVE SELİN	BAYKAN
20	20150800090	CEMAL BARTU	BEKTAŞ
21	20140800006	ECE	BİÇAKÇI
22	20150800015	BİRSU	BİLGİNOĞLU
23	20150800040	BUĞRA BERKAN	BİNGÖL
24	20150800076	NİLSU	BOYACIOĞLU
25	20140800021	METE	CEVAHİR
26	20150800084	ÇAĞKAN	CEYRAN
27	20150800077	İREM	COŞKUN
28	20150800052	MUSTAFA	ÇAĞAN
29	20140800048	ŞEYMA	ÇALIK
30	20150800023	SARPER	ÇALIŞKAN
31	20150800002	ÖZGÜN RÜZGAR	ÇATAL
32	20150800044	YİĞİTCAN	ÇELİK
33	20180800015	ZEYNEP	ÇETİN
34	20180800014	BATUHAN	ÇETİNKAYA
35	20150800071	HÜMEYRA	ÇOLAK
36	20150800109	BAŞAK YAĞMUR	ÇUBUKÇU
37	20150800046	ATIL	DALGIÇOĞLU
38	20150800099	DIALA	DIAB
39	20140800052	SERTAÇ	DOĞAN
40	20150800082	MERT	DOLAŞTIR
41	20180800018	OZAN BERKE	DÜNDAR
42	20150800059	SEVDE	EGE
43	20140800057	ALEYNA	EKŞİ
44	20150800030	MERT	ENBİAYOĞLU
45	20150800058	İREM NUR	ERBAŞ
46	20150800038	RABİA	ERGÜN
47	20140800032	EYLÜL ECE	GÖĞEBAKAN
48	20140800065	BENGÜL	GÖLGE
49	20140800026	BATUHAN	GÜLER
50	20150800020	EDİS	HACILAR
51	20140800061	GİZEM AYNUR	YILMAZ

**GROUP A REPRESENTATIVE : UMUT DENİZ AKDAĞ**

<b>2018- 2019 PHASE IV GROUP B</b>			
1	20180800022	ADNAN	EZİCİ
2	20180800012	AYLİN	GEDİK
3	20150800014	SENA ECE	ILGIN
4	20140800040	OĞUZ METE	İŞLEK
5	20150800048	SEREL	KABASAKAL
6	20140800029	ELİF EZEL	KADİROĞLU
7	20150800026	MURAT	KAMILOĞLU
8	20140800055	GÖKÇE ŞUBAT	KARAASLAN
9	20150800006	EMRE	KARAMAHMUTOĞLU
10	20140800066	BİRCAN	KASAP
11	20140800011	EMİNE BÜŞRA	KITLIK
12	20150800092	TUBA	KOCA
13	20150800011	AYŞE GİZEM	KOÇ
14	20150800041	KORHAN	KÖKÇE
15	20150800043	EYLÜL	KÜÇÜK
16	20140800047	CEMİLE	MİÇOOĞULLARI
17	20150800073	MUSTAFA OĞULCAN	NADAR
18	20180800122	AINUR	NAHİİVA
19	20140800003	BERFİN	NARİN
20	20110800071	USAMA SULEIMAN	NASSOR
21	20180800023	LEEN	NESNAS
22	20140800005	IRMAK SEDA	ORUÇ
23	20150800066	MEMDUH	ÖZKAYA
24	20130800047	ÖZKAN	ÖZTÜRK
25	20150800086	RAHİM	RAHİMLİ
26	20150800088	ABDULA	SALAR
27	20160800103	MELİS	SALMAN
28	20150800047	CEVDET	SAN
29	20180800028	EMİR	SARAÇOĞLU
30	20150800087	İSMET TAHSİN	SATIRLI
31	20140800010	BERK	SERBEST
32	20120800035	MUHAMMET SAİT	SEVİNDİK
33	20140800037	CEMRE	ŞAHİN
34	20140800028	YASMİNE	TEMUÇİN
35	20150800080	REYDA	TIRPAN
36	20150800031	ÖZDEN	TÖMEK
37	20150800003	ONUR	TUNCER
38	20150800033	YUSUF ÇAĞIN	TUNÇDEMİR
39	20150800070	SU	ÜNSAL
40	20150800022	DOĞANCAN	ÜRETÜRK
41	20150800102	EZGİ	ÜŞÜMÜŞ
42	20150800079	ALP	YAKUT
43	20140800051	NEZİHE	YANMAZ
44	20140800042	AYBERK	YENİKALE
45	20150800083	DİLARA	YETİŞ
46	20140800060	BUSE	YILDIRIM
47	20150800027	RONA	YILDIRIM
48	20130800055	GÖKBERK	YILDIZ
49	20180800027	DENİZ	YILDIZ
50	20150800025	GÖKSU	YILMAZ
<b>GROUP B REPRESENTATIVE: EYLÜL KÜÇÜK</b>			

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**

**RECOMMENDED TEXTBOOKS FOR PHASE IV**

DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
<b>INTERNAL MEDICINE</b>	<p>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,</p> <p>-The Merck Manual of Diagnosis and Therapy. Edited by Porter RS, Kaplan JL</p> <p>-Current Opinion in Internal Medicine. Edited by:H David Humes</p> <p>-Cecil Medicine. Edited by Lee Goldman, MD and Andrew I. Schafer</p> <p>-Handbook of Nephrology &amp; Hypertension Edited by Christopher S. Wilcox, C. Craig Tisher</p> <p>-Netter's Gastroenterology. Edited by M Floch</p> <p>-Yeditepe Üniversitesi Tıp Fakültesi İç Hastalıkları Semiyoloji Kitabı. Editör Prof Dr. Yaşar Küçükardalı</p> <p><input type="checkbox"/> INTERNET LINKS:</p> <ul style="list-style-type: none"> <li>o <a href="http://www.uptodate.com">www.uptodate.com</a>,</li> <li>o <a href="http://bestpractice.bmj.com/best-practice/evidence">http://bestpractice.bmj.com/best-practice/evidence</a></li> <li>o <a href="http://www.medicinenet.com/script/main/hp.asp">http://www.medicinenet.com/script/main/hp.asp</a></li> <li>o <a href="http://www.accessmedicine.com">www.accessmedicine.com</a></li> </ul>		
<b>CHILD HEALTH &amp; PEDIATRICS</b>	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
<b>GENERAL SURGERY</b>	Schwartz's Principles of Surgery, 10th edition		
	Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 19th edition		
<b>OBSTETRICS &amp; GYNECOLOGY</b>	Current Obstetrics and Gynecology, Elsevier Publishing 2015		

<b>CARDIOVASCULAR SURGERY</b>	Cardiac Surgery in the	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
<b>CARDIOLOGY</b>	Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 2-Volume Set, 10th Edition Marriott's Practical Electrocardiography		
<b>THORASIC SURGERY</b>	Thoracic Surgery, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akin Eraslan, Nobel Tıp Kitapevleri, ISBN:978-605-335-122-1		
<b>PLASTIC RECONSTRUCTIVE &amp; AESTHETIC SURGERY</b>	Grabb and Smith's Plastic Surgery	Charles H. Thorne MD., et al	LWW
<b>CLINICAL ETHICS</b>	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		
<b>PUBLIC HEALTH</b>	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,		
	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		
	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:

1. All of the students will define independent learning process according to below algorithm.
2. 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.).
3. 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?

1. **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?
2. **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.
3. **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.
4. **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.
5. **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?
6. **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
7. **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.

8. **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:**

1. 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'

**YEDİTEPE 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.

<b>Assessment Approaches</b>	<b>Assessment Methods</b>	<b>Question Types / Assessment Tools</b>
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
	OE: Oral Exam	
Competency-based Assessment	SOE: Structured Oral Exam	SOE Checklist
	OSCE: Objective Structured Clinical Examination	OSCE Checklist
	SP: Assessment with Simulated Patients	Evaluation Checklist
Performance-based Assessment	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 Performance	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)**

- 1. TRANSITION TO CLINICAL SETTINGS (3 days)**
- 2. EMERGENCY MEDICINE (2 weeks)**
- 3. INTERNAL MEDICINE (10 weeks)**
- 4. CHILD HEALTH AND PEDIATRICS (10 weeks)**
- 5. GENERAL SURGERY (4 weeks)**
- 6. OBSTETRICS AND GYNECOLOGY (5 weeks)**
- 7. CARDIOLOGY (2 weeks)**
- 8. CARDIOVASCULAR SURGERY (2 weeks)**
- 9. THORACIC SURGERY (1.5 week)**
- 10. PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY (1.5 week)**
- 11. CLINICAL ETHICS (1 week )**
- 12. 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, Asist. Prof.**

**Lecturers:**

**Sina Ercan MD, Prof.**

**Meral Sönmezoğlu MD, Prof.**

**Sezgin Sarıkaya MD, Prof.**

**Hatice Türe MD, Prof.**

**Hakan Terekeci MD, Assoc. Prof.**

**Naz Berfu Aktaş MD, Assoc. Prof.**

**Oğuzhan Zahmacıoğlu MD, Assoc. Prof.**

**Okan Taycan MD, Assoc. Prof.**

**Serdar Özdemir, MD, PhD, Assist. Prof.**

**Gözde Polat Dalan, PhD, Assist. Prof.**

## **AIM AND LEARNING OBJECTIVES OF TRANSITION TO CLINICAL SETTINGS**

### **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**

1. explain drug and medicine safety.
2. explain the risks of emergency conditions and knows the protection of these issues.
3. explain and clarify the communication concept.
4. name and sample the nonverbal communication skills.
5. identify the empathy.
6. explain topographic and conditional memorial conditions and processes.
7. explain ego protection mechanisms.
8. identify leadership style.
9. define the correlation between leadership and mission, vision and others.
10. explain and be aware of personal career management development.
11. explain the process of coping with difficult patients.
12. reveal and explain the steps of the breaking bad news process.

#### **SKILLS**

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

#### **ATTITUDES**

1. value the infection control program.
2. value the importance of listening person on the communication.
3. 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.*

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	100%
<b>Total</b>	<b>100%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Evaluation of Student's Learning Projects (With Checklist)	80%
<b>Total</b>	<b>80%</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	20%
Other Assessment Methods and Tools	80%
<b>Total</b>	<b>100%</b>

## TRANSITION TO CLINICAL SETTINGS WEEK I / 05-07 Sep 2018

	Monday 3.Sep.2018	Tuesday 4.Sep.2018	Wednesday 5.Sep.2018	Thursday 6.Sep.2018	Friday 7.Sep.2018
09.00- 09.45			<b>Introductory Session</b> Introduction to Clerkship Program, and Diagnostic Assessment <i>Meral Sönmezoğlu</i> <i>Serdar Özdemir</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>	<b>Lecture</b> Understanding Others <i>Oğuzhan. Zahmacioğlu</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>	<b>Panel</b> Examples of Careers in Medicine <i>Sina Ercan (Chair)</i> <i>Bayram Yılmaz</i> <i>Berna Özelgün</i> <i>Neslihan Uyar</i> <i>Şafak Göktaş</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>
10.00-10.45			<b>Lecture</b> Quality Improvement and International Patient Safety <i>Meral Sönmezoğlu</i>	<b>Movie Session</b> <b>Commentary Writing</b> <i>Oğuzhan. Zahmacioğlu</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>	<b>Reflection Session</b> Explanation of the Learning Project and the Post-test <i>Naz Berfu Akbaş</i> <i>Tuğhan Utku</i> <i>Serdar Özdemir</i>
11.00-11.30		<b>Lecture</b> Infection Control Program <i>Meral Sönmezoğlu</i>			
11.30-12.00		<b>Lecture</b> Drug Safety <i>Gökhan Bilgin</i>			
12.00-13.00					
13.00-13.45			<b>Lecture</b> Emergency Management <i>Sezgin Sarıkaya</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>	<b>Discussion (Large Group)</b> <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>	<b>Assessment Session</b> Post-test <i>Serdar Özdemir</i> <b>Hall: Koşuyolu Hospital Conference Hall</b>
14.00-14.45			<b>Interactive Lecture</b> Introduction to Leadership and Management <i>Tuğhan Utku</i>	<b>Lecture</b> Breaking Bad News, Handling Difficult Situations and Difficult Persons <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i>	
15.00-15.45			<b>Meeting with Head Pysician of Yeditepe ihtisas Hospital</b> <i>Hakan Terekeci</i>	<b>RoI Play Session</b> Breaking Bad News, <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i>	
16.00-17.00			<b>Discussion (Large Group)</b> Solving Cases about Communication in Medicine <i>Gözde Polat Dalan</i>	<b>RoI Play Session</b> Handling Difficult Situations and Difficult Persons <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i>	

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**INTERNAL MEDICINE**

**LECTURERS**

<b>DISCIPLINE</b>	<b>FACULTY</b>
ENDOCRINOLOGY	Hasan AYDIN, MD Prof. Şule TEMİZKAN, MD Assoc. Prof.
GASTROENTEROLOGY	Meltem ERGÜN, MD Assoc. Prof.
HEMATOLOGY	Hasan Atilla ÖZKAN, MD Assoc. Prof.
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof. Murat Hakan TEREKECİ, MD Assoc. Prof.
MEDICAL ONCOLOGY	Uğur ERSOY, MD Assist. Prof.
RESPIRATORY SYSTEM	Banu Musaffa SALEPÇİ, MD Assoc. Prof.
NEPHROLOGY	Gülçin KANTARCI, MD Prof. The Head of Internal Medicine and Nephrology Department
RHEUMATOLOGY	Müge BIÇAKÇIĞİL KALAYCI, MD Assoc. Prof.
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	Refik DEMİRTUNÇ, MD Prof. Funda TÜRKMEN, MD Prof.

## **AIM AND LEARNING OBJECTIVES OF INTERNAL MEDICINE**

### **AIM**

Aim of this clerkship is to;

1. **remind** necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions,
2. at multi-system level or related to a body system, for 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
  - 2.1. **remind** necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology,
  - 2.2. **remind** knowledge on epidemiology,
  - 2.3. **remind** knowledge on frequently encountered clinical complaints, symptoms, signs and findings,
3. **remind** necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of primary health care service,
4. **remind** knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
5. **equip** students **with** necessary knowledge, skills and attitudes required for an appropriate Approach to healthy and sick adults,
6. **convey** necessary knowledge on preventive healthcare measures,
7. **equip** students **with** necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults,
8. **equip** students **with** necessary knowledge, skills and attitudes required to perform primary care prophylaxis and treatment,
9. **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**

- 1.0. **recall** necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions,
- 2.0. at multi-system level or related to a body system, for 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
  - 2.1. **recall** necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology,
  - 2.2. **recall** knowledge on epidemiology,
  - 2.3. **recall** knowledge on frequently encountered clinical complaints, symptoms, signs and findings,
  - 2.4. **recall** necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of primary health care service,
  - 2.5. **recall** knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,

### **SKILLS**

- 3.0. *do* detailed questioning intended to explicate reasons of complaints
- 4.0. *make* Physical Examination including all organ systems
- 5.0. *use* diagnostic methods (*laboratory and imaging techniques, other invasive or non-invasive methods*) correctly and cost-efficiently
- 6.0. *perform* minor medical interventions and applications (*blood collection, i.v. or i.m. injection, catheterization, capillary blood glucose testing, ECG, etc.*)

### **ATTITUDES**

- 7.0 *show* behaviours and attitudes appropriate for physician
- 8.0 *prefer* evaluation of Patient not only for major complaint but also as a whole
- 9.0 *prefer* detailed Physical Examination to search for main reason of illness
- 10.0 for differential diagnosis
  - 10.1 *value* importance of differential diagnosis based on frequencies and risks of illnesses
  - 10.2. *value* using laboratory and clinical evaluations correctly and cost-efficiently
- 11.0 *order* consultation when needed or mandatory
- 12.0 *organize* appropriate interventions at primary care level, according to evidence based medical practices
- 13.0. *refer* Patient to appropriate center upon indication

## **COMPETENCIES**

- 14.0. *take* detailed and relevant history of adult Patient by good communication techniques
- 15.0. *perform* complete Physical Examination that includes all of organ systems
- 16.0 for diagnosis
  - 16.1. *order* probable diagnoses
  - 16.2. *make* differential diagnosis
- 17.0. *assess* results of laboratory or imaging tests (*laboratory and imaging techniques, other invasive or non-invasive methods*)
- 18.0. *assess* diagnosis, differential diagnosis and emergency treatment requirements and methods
- 19.0 for emergency conditions
  - 19.1. *distinguish* emergency conditions
  - 19.2. *give* emergency treatment
- 20.0. *inform* Patients and Patient's relatives on legal responsibility to take informed consent
- 21.0. *apply* evidence based medicine in internal medicine

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**INTERNAL MEDICINE  
ASSESSMENT TABLE**

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

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	36%
Extended Matching Questions	4%
<b>Total</b>	<b>40%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Oral Exam (OE)	40%
Mini Clinical Evaluation Exercise (Mini-CEX)	5%
Logbook & Direct Observation of Procedural Skills (DOPS)	15%
Evaluation of Case Presentation (With Checklist)	
Evaluation of Preparation Skills of Patient's File (With Checklist)	
Global Evaluation of Student's Performance (With Checklist)	
<b>Total</b>	<b>60 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	40%
Other Assessment Methods and Tools	60%
<b>Total</b>	<b>100 %</b>

Incomplete exam: Oral exam 50%, pencil-paper test 50%

**INTERNAL MEDICINE - Group A 10.09.2018-16.11.2018**  
**WEEK I / 10-14 Sep. 2018 (YUH Kozyatığı)**

	<b>Monday 10-Sep-2018</b>	<b>Tuesday 11-Sep-2018</b>	<b>Wednesday 12-Sep-2018</b>	<b>Thursday 13-Sep-2018</b>	<b>Friday 14-Sep-2018</b>
<b>10.00 -10.50</b>	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Hasan Atilla Özkan</i> <b>Lecture</b> Taking History <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i> <i>Müge Bıçakçığıl Kalaycı</i> <i>Meltem Ergün</i> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>	<b>Lecture</b> Chronic Hepatitis <i>Meltem Ergün</i>
<b>11.00 - 11.50</b>	<b>Lecture</b> Examination of Head and Neck <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i> <i>Müge Bıçakçığıl Kalaycı</i> <i>Meltem Ergün</i> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Ascites <i>Meltem Ergün</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Meltem Ergün</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Fever of Unknown Origin <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Management of Elderly Patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to patient with diarrre <i>Meltem Ergün</i>	<b>Lecture</b> Dysphagia <i>Meltem Ergün</i>
<b>14.30 - 15.20</b>	<b>Lecture</b> Sepsis and Septic Shock <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>	Examination of the Abdomen <i>Meltem Ergün</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and complications of cirrhosis <i>Meltem Ergün</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Meltem Ergün</i>
<b>15.30 - 17.30</b>	<b>Clinical Skills Learning</b> <b>YUH Kozyatığı</b> (History Taking)	<b>Clinical Skills Learning</b> <b>YUH Kozyatığı</b> (History Taking)	<b>Clinical Skills Learning</b> <b>YUH Kozyatığı</b> (History Taking)	<b>Clinical Skills Learning</b> <b>YUH Kozyatığı</b> (History Taking)	<b>Clinical Skills Learning</b> <b>YUH Kozyatığı</b> (History Taking)

**WEEK II / 17-21 Sep.2018 (YUH Kozyatığı)**

	<b>Monday 17-Sep-2018</b>	<b>Tuesday 18-Sep-2018</b>	<b>Wednesday 19-Sep-2018</b>	<b>Thursday 20-Sep-2018</b>	<b>Friday 21-Sep-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Cushing's Syndrome <i>Hasan Aydın</i>	<b>Lecture</b> Hyperparathyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Şule Temizkan</i>	<b>Lecture</b> Approach to the patient with pulmonary system symptoms and signs <i>Banu Musaffa Salepçi</i>
<b>11.00-11.50</b>	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Male gonadal diseases <i>Hasan Aydın</i>	<b>Lecture</b> Hypoparathyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Metabolic Syndrome <i>Şule Temizkan</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Cor pulmonale <i>Banu Musaffa Salepçi</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Metabolic Bone Disease <i>Hasan Aydın</i>	<b>Lecture</b> Hypothyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Endocrine Hypertension <i>Şule Temizkan</i>	<b>Lecture</b> Asthma <i>Banu Musaffa Salepçi</i>
<b>14.30- 15.20</b>	<b>Lecture</b> Adrenal Insufficiency <i>Hasan Aydın</i>	<b>Lecture</b> Metabolic Bone Disease <i>Hasan Aydın</i>	<b>Lecture</b> Hyperthyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>
<b>15.30- -17.30</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>

**WEEK III / 24-28 Sep. 2018 (YUH Kozyatığı)**

	<b>Monday 24-Sep-2018</b>	<b>Tuesday 25-Sep-2018</b>	<b>Wednesday 26-Sep-2018</b>	<b>Thursday 27-Sep-2018</b>	<b>Friday 28-Sep-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <i>Meltem Ergün</i>
<b>11.00-11.50</b>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <i>Meltem Ergün</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Hasan Aydın</i>	<b>Case Discussion</b> <i>Banu Musaffa Salepçi</i>
<b>14.30- 15.20</b>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Hasan Aydın</i>	<b>Case Discussion</b> <i>Banu Musaffa Salepçi</i>
<b>15.30- -17.30</b>	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı

**WEEK IV / 01-05 Oct. 2018 (YUH Koşuyolu)**

	<b>Monday 01-Oct-2018</b>	<b>Tuesday 02- Oct-2018</b>	<b>Wednesday 03-Oct-2018</b>	<b>Thursday 04-Oct-2018</b>	<b>Friday 05-Oct-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	<b>Lecture</b> <i>Bone Marrow Failure</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Approach to the Patient with Electrolyte Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>
<b>11.00-11.50</b>	<b>Lecture</b> Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Plasma Cell dyscrasias <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>Lecture</b> Approach to the Patient with Electrolyte Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> <i>Acute and Chronic Leukemias</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Acute Kidney İnjury <i>Sara Yavuz</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders <i>Sara Yavuz</i>
<b>14.30- 15.20</b>	<b>Lecture</b> <i>Acute and Chronic Leukemias</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Approach to the Patients with Lymphoproliferative Disorders <i>Lymphomas</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Acute Kidney İnjury <i>Sara Yavuz</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders <i>Sara Yavuz</i>
<b>15.30- -17.30</b>	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)

**WEEK V / 08-12 Oct. 2018 (YUH Koşuyolu)**

	<b>Monday 08-Oct-2018</b>	<b>Tuesday 09-Oct-2018</b>	<b>Wednesday 10-Oct-2018</b>	<b>Thursday 11-Oct -2018</b>	<b>Friday 12-Oct-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Colorectal Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Oncologic Emergencies <i>Uğur Ersoy</i>	<b>Lecture</b> Immuno Therapy and Targered Therapies in Oncology <i>Uğur Ersoy</i>	<b>Case Discussion</b> <i>Gülçin Kantarcı</i>
<b>11.00-11.50</b>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Lung Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Management of Cancer Pain <i>Uğur Ersoy</i>	<b>Lecture</b> Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşkucu</i>	<b>Case Discussion</b> <i>Şule Temizkan</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Uğur Ersoy</i>	<b>Lecture</b> Breast Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Uğur Ersoy</i>	<b>Case Discussion</b> <i>Uğur Ersoy</i>	<b>Case Discussion</b> <i>Hasan Atilla Özkan</i>
<b>14.30- 15.20</b>	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)
<b>15.30- -17.30</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>

**WEEK VI / 15-19 Oct. 2018 (HTRH)**

	<b>Monday 15-Oct-2018</b>	<b>Tuesday 16-Oct-2018</b>	<b>Wednesday 17-Oct-2018</b>	<b>Thursday 18-Oct-2018</b>	<b>Friday 19-Oct-2018</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>
<b>10.00- 11.50</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>15.30- 16.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>16.20-17.30</b>					

**WEEK VII / 22-26 Oct. 2018 (HTRH)**

	<b>Monday 22-Oct-2018</b>	<b>Tuesday 23-Oct-2018</b>	<b>Wednesday 24-Oct-2018</b>	<b>Thursday 25-Oct -2018</b>	<b>Friday 26-Oct-2018</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)
<b>10.00- 11.50</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)
<b>15.30- 16.20</b>	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)
<b>16.20-17.30</b>					

**WEEK VIII / 29 Oct-02 Nov. 2018 (HTRH)**

	<b>Monday 29-Oct-2018</b>	<b>Tuesday 30-Oct-2018</b>	<b>Wednesday 31-Oct-2018</b>	<b>Thursday 01-Nov -2018</b>	<b>Friday 02-Nov-2018</b>					
<b>08.30- 09:50</b>	<i>Republic Day - National Holiday</i>	<b>Ward Round- HTRH (All Subgroups)</b>			<b>Ward Round- HTRH (All Subgroups)</b>			<b>Ward Round- HTRH (All Subgroups)</b>		
<b>10.00- 11.50</b>		Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>			<b>Lunch</b>			<b>Lunch</b>		
<b>13.30- 14.20</b>	<i>Republic Day - National Holiday</i>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>		
<b>14.30- 15.20</b>		<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>		
<b>15.30- 16.20</b>		<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>		
<b>16.20-17.30</b>		<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>			<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>		

**WEEK IX 05-09 Nov. 2018 (HTRH)**

	<b>Monday 05-Nov-2018</b>	<b>Tuesday 06-Nov-2018</b>	<b>Wednesday 07-Nov-2018</b>	<b>Thursday 08-Nov-2018</b>	<b>Friday 09-Nov-2018</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)	<b>Ward Round- HTRH</b> (All Subgroups)
<b>10.00- 11.50</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-HTRH)</b> (All Subgroups)
<b>15.30- 16.20</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
<b>16.20-17.30</b>					

**WEEK X / 12- 16 Nov. 2018**

	<b>Monday 12-Nov-2018</b>	<b>Tuesday 13- Nov-2018</b>	<b>Wednesday 14- Nov-2018</b>	<b>Thursday 15- Nov-2018</b>	<b>Friday 16- Nov-2018</b>
<b>09.00- 12.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session (Written Exam) (YUH Kozyatagi)</b>	<b>Independent Learning</b>	<b>Assessment Session (Final Exam)</b>
<b>13.00- 14.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program (YUH Kozyatagi)		
<b>14.00-17.30</b>			<b>Independent Learning</b>		

**INTERNAL MEDICINE -GROUP B**  
**03.12.2018 - 08.02.2019**  
**WEEK I / 03-07.Dec. 2018 (YUH Kozyatağı)**

	<b>Monday 03-Dec-2018</b>	<b>Tuesday 04-Dec-2018</b>	<b>Wednesday 05-Dec-2018</b>	<b>Thursday 06-Dec-2018</b>	<b>Friday 07-Dec-2018</b>
<b>10.00 -10.50</b>	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Hasan Atilla Özkan</i> <b>Lecture</b> Taking History <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i> <i>Müge Bıçakçığıl Kalaycı</i> <i>Meltem Ergün</i> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>	<b>Lecture</b> Chronic Hepatitis <i>Meltem Ergün</i>
<b>11.00 - 11.50</b>	<b>Lecture</b> Examination of Head and Neck <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i> <i>Müge Bıçakçığıl Kalaycı</i> <i>Meltem Ergün</i> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Ascites <i>Meltem Ergün</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Meltem Ergün</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Fever of Unknown Origin <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Management of Elderly Patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Patient with Diarrhea <i>Meltem Ergün</i>	<b>Lecture</b> Dysphagia <i>Meltem Ergün</i>
<b>14.30 - 15.20</b>	<b>Lecture</b> Sepsis and Septic Shock <i>Murat Hakan Terekeci</i>	<b>Lecture</b> Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the Abdomen <i>Meltem Ergün</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Meltem Ergün</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Meltem Ergün</i>
<b>15.30 - 17.30</b>	<b>Clinical Skills Learning</b> YUH Kozyatagı (History Taking)	<b>Clinical Skills Learning</b> YUH Kozyatagı (History Taking)	<b>Clinical Skills Learning</b> YUH Kozyatagı (History Taking)	<b>Clinical Skills Learning</b> YUH Kozyatagı (History Taking)	<b>Clinical Skills Learning</b> YUH Kozyatagı (History Taking)

**WEEK II / 10-14.Dec. 2018 (YUH Kozyatığı)**

	<b>Monday 10-Dec-2018</b>	<b>Tuesday 11-Dec-2018</b>	<b>Wednesday 12-Dec-2018</b>	<b>Thursday 13-Dec-2018</b>	<b>Friday 14-Dec-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Cushing's Syndrome <i>Hasan Aydın</i>	<b>Lecture</b> Hyperparathyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Şule Temizkan</i>	<b>Lecture</b> Approach to the Patient with Pulmonary System Symtoms and Signs <i>Banu Musaffa Salepçi</i>
<b>11.00-11.50</b>	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Male Gonadal Diseases <i>Hasan Aydın</i>	<b>Lecture</b> Hypoparathyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Metabolic Syndrome <i>Şule Temizkan</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Corpulmonale <i>Banu Musaffa Salepçi</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Hasan Aydın</i>	<b>Lecture</b> Metabolic Bone Disease <i>Hasan Aydın</i>	<b>Lecture</b> Hypothyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Endocrine Hypertension <i>Şule Temizkan</i>	<b>Lecture</b> Asthma <i>Banu Musaffa Salepçi</i>
<b>14.30- 15.20</b>	<b>Lecture</b> Adrenal Insufficiency <i>Hasan Aydın</i>	<b>Lecture</b> Metabolic Bone Disease <i>Hasan Aydın</i>	<b>Lecture</b> Hyperthyroidism <i>Şule Temizkan</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>
<b>15.30- 17.30</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>	<b>Clinical Skills Learning YUH Kozyatığı (Physical Examination)</b>

**WEEK III / 17-21.Dec. 2018 (YUH Kozyatığı)**

	<b>Monday 17-Dec-2018</b>	<b>Tuesday 18-Dec-2018</b>	<b>Wednesday 19-Dec-2018</b>	<b>Thursday 20-Dec-2018</b>	<b>Friday 21-Dec-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <i>Meltem Ergün</i>
<b>11.00-11.50</b>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <i>Meltem Ergün</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Hasan Aydın</i>	<b>Case Discussion</b> <i>Banu Musaffa Salepçi</i>
<b>14.30- 15.20</b>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <i>Hasan Aydın</i>	<b>Case Discussion</b> <i>Banu Musaffa Salepçi</i>
<b>15.30- -17.30</b>	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı	<b>Discussion Small Group</b> YUH Kozyatığı

**WEEK IV / 24-28 Dec. 2018 (YUH Koşuyolu)**

	<b>Monday 24-Dec-2018</b>	<b>Tuesday 25- Dec-2018</b>	<b>Wednesday 26-Dec-2018</b>	<b>Thursday 27-Dec-2018</b>	<b>Friday 28-Dec-2018</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	<b>Lecture</b> <i>Bone Marrow Failure</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Approach to the Patient with Electrolyte Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>
<b>11.00-11.50</b>	<b>Lecture</b> Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Approach to the Patient with Electrolyte Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> <i>Acute and Chronic Leukemias</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Sara Yavuz</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Acute Kidney Injury <i>Sara Yavuz</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders <i>Sara Yavuz</i>
<b>14.30- 15.20</b>	<b>Lecture</b> <i>Acute and Chronic Leukemias</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Approach to the Patients with Lymphoproliferative Disorders <i>Lymphomas</i> <i>Hasan Atilla Özkan</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Acute Kidney Injury <i>Sara Yavuz</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders <i>Sara Yavuz</i>
<b>15.30- 17.30</b>	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)	<b>Clinical Skills Learning</b> YUH Koşuyolu (History Taking)

**WEEK V / 31 Dec. 2018 - 04 Jan. 2019 (YUH Koşuyolu)**

	<b>Monday 31-Dec-2018</b>	<b>Tuesday 01-Jan-2019</b>	<b>Wednesday 02-Jan-2019</b>	<b>Thursday 03-Jan-2019</b>	<b>Friday 04-Jan-2019</b>
<b>10.00- 10.50</b>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<i>New Year Holiday</i>	<b>Lecture</b> Colorectal Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Oncologic Emergencies <i>Uğur Ersoy</i>	<b>Lecture</b> Immuno Therapy and Targeted Therapies in Oncology <i>Uğur Ersoy</i>
<b>11.00-11.50</b>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<i>New Year Holiday</i>	<b>Lecture</b> Lung Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Management of Cancer Pain <i>Uğur Ersoy</i>	Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşku</i>
<b>12.00- 12.50</b>	<b>Lunch</b>		<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Uğur Ersoy</i>	<i>New Year Holiday</i>	<b>Lecture</b> Breast Cancer <i>Uğur Ersoy</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Uğur Ersoy</i>	<b>Case Discussion</b> <i>Uğur Ersoy</i>
<b>14.30- 15.20</b>	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<i>New Year Holiday</i>	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)	<b>Clinical Skills Learning</b> <b>YUH Koşuyolu</b> (Physical Examination)
<b>15.30- 17.30</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<i>New Year Holiday</i>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>	<b>Discussion Small Group</b> <b>YUH Koşuyolu</b>

**WEEK VI / 07-11 Jan. 2019 (HTRH)**

	<b>Monday 07-Jan-2019</b>	<b>Tuesday 08-Jan-2019</b>	<b>Wednesday 09-Jan-2019</b>	<b>Thursday 10-Jan-2019</b>	<b>Friday 11-Jan-2019</b>															
<b>08.30- 09:50</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>															
<b>10.00- 11.50</b>	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service																		
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service																		
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service																		
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service																		
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service																		
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>															
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>															
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>															
<b>15.30- 16.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>															
<b>16.20-17.30</b>																				

**WEEK VII / 14-18 Jan. 2019 (HTRH)**

	<b>Monday 14-Jan-2019</b>	<b>Tuesday 15-Jan-2019</b>	<b>Wednesday 16-Jan-2019</b>	<b>Thursday 17-Jan -2019</b>	<b>Friday 18-Jan-2019</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>
<b>10.00- 11.50</b>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #fce4d6; padding: 2px; text-align: center; width: 30px;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #f8bbd0; padding: 2px; text-align: center; width: 30px;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffb74d; padding: 2px; text-align: center; width: 30px;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #fce4d6; padding: 2px; text-align: center; width: 30px;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #f8bbd0; padding: 2px; text-align: center; width: 30px;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffb74d; padding: 2px; text-align: center; width: 30px;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #fce4d6; padding: 2px; text-align: center; width: 30px;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #f8bbd0; padding: 2px; text-align: center; width: 30px;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffb74d; padding: 2px; text-align: center; width: 30px;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #fce4d6; padding: 2px; text-align: center; width: 30px;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #f8bbd0; padding: 2px; text-align: center; width: 30px;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffb74d; padding: 2px; text-align: center; width: 30px;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #fce4d6; padding: 2px; text-align: center; width: 30px;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #f8bbd0; padding: 2px; text-align: center; width: 30px;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffb74d; padding: 2px; text-align: center; width: 30px;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>15.30- 16.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>16.20-17.30</b>					

**WEEK VIII / 21-25 Jan. 2019 (HTRH)**

	<b>Monday 21-Jan-2019</b>	<b>Tuesday 22-Jan-2019</b>	<b>Wednesday 23-Jan-2019</b>	<b>Thursday 24-Jan -2019</b>	<b>Friday 25-Jan-2019</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>
<b>10.00- 11.50</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>15.30- 16.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>16.20-17.30</b>					

**WEEK IX / 28 Jan. - 01 Feb. 2019 (HTRH)**

	<b>Monday 28-Jan-2019</b>	<b>Tuesday 29-Jan-2019</b>	<b>Wednesday 30-Jan-2019</b>	<b>Thursday 31-Jan-2019</b>	<b>Friday 01-Feb-2019</b>
<b>08.30- 09:50</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>	<b>Ward Round- HTRH (All Subgroups)</b>
<b>10.00- 11.50</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 14.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>14.30- 15.20</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>	<b>Clinical Experience (InPatient-HTRH) (All Subgroups)</b>
<b>15.30- 16.20</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
<b>16.20-17.30</b>					

**WEEK X / 04-08 Feb. 2019**

	<b>Monday 04-Feb-2019</b>	<b>Tuesday 05- Feb-2019</b>	<b>Wednesday 06- Feb-2019</b>	<b>Thursday 07-Feb-2019</b>	<b>Friday 08- Feb-2019</b>
<b>09.00- 12.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session (Written Exam) (YUH Kozyatagi)</b>	<b>Independent Learning</b>	<b>Assessment Session (Final Exam)</b>
<b>13.00- 14.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program (YUH Kozyatagi)		
<b>14.00-17.30</b>			<b>Independent Learning</b>		

**YEDITEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**CHILD HEALTH and PEDIATRICS**

**YEDITEPE UNIVERSITY HOSPITAL**

**Filiz Bakar, MD. Prof. (Head of the Department)**

**Buket Erer Del Castello, MD. Prof.**

**Sabri Kemahlı, MD. Prof.**

**Hülya Sarıçoban, MD. Prof.**

**Meltem Uğraş, MD. Assoc. Prof.**

**Belma Haliloğlu, MD. Assoc. Prof.**

**Mustafa Berber, MD. Assist. Prof.**

**Tuba Giray, MD. Lecturer**

**Fatma Tuba Coşkun, MD. Lecturer**

**Endi Romano MD. Lecturer**

**Seyhan Perihan Çobanoğlu Saf, MD. Lecturer**

**Derun Torlak MD. Lecturer**

**Çiğdem Yanar Ayanoglu MD. Lecturer**

**Çetin Timur, MD. Lecturer**

**&**

**DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL**  
**Chief of the Department of Child Health and Pediatrics: Yasemin Akın, MD. Assoc Prof.**

## **AIM AND LEARNING OBJECTIVES OF CHILD HEALTH and 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:

#### **SKILLS**

- 1.0. take detailed, relevant history of child and his/her family,
  - 1.1. **perform** intravenous/intramuscular/subcutaneous injections,
  - 1.2. **collect** venous blood sample,
  - 1.3. **vaccinate** children,
- 2.0. perform detailed Physical Examination of child and neonate, considering special features related to age of Patient,
- 3.0. assess physical-motor-mental development of healthy child,
- 4.0. assess anthropometric evaluation in proper techniques, including percentile charts,
- 5.0. supply basic life support to neonates and children,
- 6.0. collect pharyngeal swab, fecal and urine cultures,
- 7.0 evaluate results of
  - 7.1 peripheral blood smear,
  - 7.2 urine test and sediment
  - 7.3 arterial blood gas
  - 7.4 complete blood count
  - 7.5 pediatric ECG
  - 7.6 serum electrolytes, renal function tests, hepatic function tests and thyroid function tests
  - 7.7 chest X-rays
- 8.0 care umbilicus in newborn
- 9.0 evaluate results of
  - 9.1 cerebrospinal fluid analysis,
  - 9.2 otoscopy and ophthalmoscopy,
  - 9.3 nebulizer use for Patient,
  - 9.4 pulse oximetry,
  - 9.5 cardiac monitoring and ECG,

- 9.6 measurement of blood glucose with a glucometer,
- 9.7 application and follow up of phototherapy,
- 9.8 pedigree construction
- 10.0 observe and explain
  - 10.1 lumbar puncture
  - 10.2 bone marrow aspiration,
  - 10.3 paracentesis,
  - 10.4 exchange transfusion,
  - 10.5 pulmonary function tests,
  - 10.6 diagnostic and therapeutic endoscopy,
  - 10.7 echocardiography,
  - 10.8 application of prick test
  - 10.9 endocrinological provocation and inhibition tests,

## **ATTITUDES**

- 11.0 **assimilate** principles of
  - 11.1 respecting Patient rights and establishing well-balanced relations with Patients' relatives,
  - 11.2 maintaining good relations with colleagues and teaching staff, and being analytical and research orientated,
  - 11.3 maintaining good relations with health staff,
  - 11.4 asking for consultation,
  - 11.5 using written and on-line sources correctly,
  - 11.6 giving clear and concise information about Patient's condition to Patient and family,
  - 11.7 obeying infection control regulations when working in ward and outPatient clinics

## ASSESSMENT

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

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	40%
<b>Total</b>	<b>40 %</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Structured Oral Exam (OE)	35%
Objective Structured Clinical Exam (OSCE)	20%
Logbook	5%
<b>Total</b>	<b>60 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	40%
Other Assessment Methods and Tools	60%
<b>Total</b>	<b>100 %</b>

**CHILD HEALTH and PEDIATRICS - Group B WEEK I / 10-14 Sep. 2018**

	<b>Monday 10-Sep-2018</b>	<b>Tuesday 11-Sep-2018</b>	<b>Wednesday 12-Sep-2018</b>	<b>Thursday 13-Sep-2018</b>	<b>Friday 14-Sep-2018</b>
<b>09.00- 09:50</b>	<b>Lecture</b> Introduction to Pediatrics <i>Filiz Bakar</i> <i>Belma Haliloğlu</i> <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Cardiovascular System Examination & Electrocardiographic Principles1 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sariçoban</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Çetin Timur</i>
<b>10.00- 10.50</b>	<b>Lecture</b> History Taking <i>Filiz Bakar</i>	<b>Lecture</b> Cardiovascular System Examination & Electrocardiographic Principles2 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Malignancy in Childhood <i>Çetin Timur</i>
<b>11.00-11.50</b>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>	<b>Lecture</b> Respiratory System Examination <i>Hülya Sariçoban</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Neurological Examination <i>Tuba Giray</i>	<b>Lecture</b> Growth, Development, and Growth Retardation-1 <i>Belma Haliloğlu</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer Del Castello</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Growth, Development, and Growth Retardation -2 <i>Belma Haliloğlu</i>	<b>Lecture</b> Shock <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Buket Erer Del Castello</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Gastrointestinal and Genitourinary System Examination <i>Meltem Uğraş</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	<b>Practice</b> (Growth and Development) <i>Belma Haliloğlu</i>	<b>Practice</b> (Vital Signs) <i>Çiğdem Ayanoğlu</i>	<b>Independent Learning</b>
<b>16.00-16.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>

**Group B WEEK II / 17-21 Sep. 2018**

	<b>Monday 17-Sep-2018</b>	<b>Tuesday 18-Sep-2018</b>	<b>Wednesday 19-Sep-2018</b>	<b>Thursday 20-Sep-2018</b>	<b>Friday 21-Sep-2018</b>
<b>09.00- 09:50</b>	<b>Lecture</b> Constipation <i>Meltem Uğraş</i>	<b>Lecture</b> Calcium Metabolism <i>Belma Haliloğlu</i>	<b>Lecture</b> Renal and Liver Function Tests, Electrolytes and Acid- Base balance <i>Jale Çoban</i>	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Endi Romano</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Fatma Tuba Coşkun</i>
<b>10.00- 10.50</b>	<b>Lecture</b> GIS Bleeding <i>Meltem Uğraş</i>	<b>Lecture</b> Hyperparatiroidism, Hypoparatiroidism <i>Belma Haliloğlu</i>	<b>Lecture</b> Urinalysis and Other Body Fluids <i>Jale Çoban</i>	<b>Lecture</b> Congestive Heart Failure <i>Endi Romano</i>	<b>Lecture</b> Acid-Base Disorders-1 <i>Perihan Saf</i>
<b>11.00-11.50</b>	<b>Lecture</b> Viral Paralytic Diseases <i>Endi Romano</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Belma Haliloğlu</i>	<b>Lecture</b> Sepsis and Meningococemia <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Acid-Base Disorders-2 <i>Perihan Saf</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Adrenal Hypo-Hyperfunction <i>Belma Haliloğlu</i>	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Mustafa Berber</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Diabetes Mellitus <i>Belma Haliloğlu</i>	<b>Lecture</b> Upper Respiratory Tract Infections <i>Hülya Sariçoban</i>
<b>14.00- 14.50</b>	Hypophyseal Diseases <i>Belma Haliloğlu</i>	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Mustafa Berber</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	<b>Lecture</b> Diabetic Ketoacidosis <i>Belma Haliloğlu</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Hülya Sariçoban</i>
<b>15.00- 15.50</b>	Hypothyroidism Hyperthyroidism <i>Belma Haliloğlu</i>	<b>Practice</b> (Immunization) <i>Mustafa Berber</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Practice</b> (Chest X-Ray evolution with Cases) <i>Hülya Sariçoban</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	

**Group B WEEK III / 24-28 Sep. 2018**

	<b>Monday 24-Sep-2018</b>	<b>Tuesday 25-Sep-2018</b>	<b>Wednesday 26-Sep-2018</b>	<b>Thursday 27-Sep-2018</b>	<b>Friday 28-Sep-2018</b>
<b>09.00- 09:50</b>	<b>Lecture</b> Evaluation of Endocrine Function <i>Serdar Öztezcan</i>	<b>Lecture</b> Hepatitis <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Tetanus, Diphtheria, Mumps, And Pertussis <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>
<b>10.00- 10.50</b>	<b>Lecture</b> Cardiac Markers <i>Serdar Öztezcan</i>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Hypertension <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Approach to Nutrition <i>Meltem Uğraş</i>
<b>11.00-11.50</b>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to the Patient with Convulsion <i>Perihan Saf</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Lecture</b> Malnutrition & Obesity <i>Meltem Uğraş</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Nephrotic Syndrome <i>Endi Romano</i>	<b>Lecture</b> Respiratory Failure <i>Derun Torlak</i>	<b>Lecture</b> Infections of CNS <i>Tuba Giray</i>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-1 <i>Filiz Bakar</i>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Çetin Timur</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Coma and Stroke <i>Derun Torlak</i>	<b>Lecture</b> Maculopapular-Vesicular Diseases <i>Tuba Giray</i>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-2 <i>Filiz Bakar</i>	<b>Practice -G1</b> (Peripheral blood smear) <i>Çetin Timur</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>İ. Çağatay Acuner</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Practice -G2</b> (Peripheral blood smear) <i>Çetin Timur</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>				<b>Independent Learning</b>

**Group B WEEK IV / 01-05 Oct. 2018**

	<b>Monday 01-Oct-2018</b>	<b>Tuesday 02-Oct-2018</b>	<b>Wednesday 03-Oct-2018</b>	<b>Thursday 04-Oct-2018</b>	<b>Friday 05-Oct-2018</b>
<b>09.00- 09:50</b>	<b>Lecture</b> Inborn Erros of Metabolism-1 <i>Derun Torlak</i>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>
<b>10.00- 10.50</b>	<b>Lecture</b> Inborn Erros of Metabolism-2 <i>Derun Torlak</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>
<b>11.00-11.50</b>	<b>Lecture</b> Approach to the Dymorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkuçcu</i>	<b>Practice -G3</b> (Peripheral Blood Smear) <i>Çetin Timur</i>	<b>Lecture</b> Intoxications <i>Derun Torlak</i>	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Ayanoğlu</i>
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Vitamin Deficiencies and Rickets -1 (Kartal Lutfi Kirdar Hosp) <i>Yasemin Akın</i>	<b>Practice -G4</b> (Peripheral Blood Smear) <i>Çetin Timur</i>	<b>Lecture</b> Inborn Erros of Metabolism-3 <i>Derun Torlak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Vitamin Deficiencies and Rickets -2 (Kartal Lutfi Kirdar Hosp) <i>Yasemin Akın</i>	<b>Lecture</b> Blood Transfusions and Complications <i>Sabri Kemahlı</i>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Tuba Giray</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Tuberculosis <i>Hülya Sarıçoban</i>
<b>15.00- 15.50</b>	<b>Independent Learning</b>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
<b>16.00-16.50</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Group B WEEK V / 08-12 Oct. 2018**

	<b>Monday 08-Oct-2018</b>	<b>Tuesday 09-Oct-2018</b>	<b>Wednesday 10-Oct-2018</b>	<b>Thursday 11-Oct-2018</b>	<b>Friday 12-Oct-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>14.00- 14.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>15.00- 15:50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>16.00-16.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)

**GROUP B WEEK VI / 15-19 Oct. 2018**

	<b>Monday 15-Oct-2018</b>	<b>Tuesday 16-Oct-2018</b>	<b>Wednesday 17-Oct-2018</b>	<b>Thursday 18-Oct-2018</b>	<b>Friday 19-Oct-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient -OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Clinical Experience (InPatient -OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>14.00- 14.50</b>	<b>Clinical Experience (InPatient -OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>15.00- 15.50</b>	<b>Clinical Experience (InPatient -OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>16.00-16.50</b>	<b>Clinical Experience (InPatient -OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)

**GROUP B WEEK VII / 22-26 Oct. 2018**

	<b>Monday 22-Oct-2018</b>	<b>Tuesday 23-Oct-2018</b>	<b>Wednesday 24-Oct-2018</b>	<b>Thursday 25-Oct-2018</b>	<b>Friday 26-Oct-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>14.00- 14.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>15.00- 15.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>16.00-16.50</b>	<b>Clinical Experience (InPatient -OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)

**GROUP B WEEK VIII / 29 Oct.-02 Nov. 2018**

	<b>Monday 29-Oct-2018</b>	<b>Tuesday 30-Oct-2018</b>	<b>Wednesday 31-Oct-2018</b>	<b>Thursday 01-Nov-2018</b>	<b>Friday 02-Nov-2018</b>
<b>09.00- 09.50</b>	National Holiday	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)
<b>10.00- 10.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)
<b>11.00-11.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)
<b>12.00- 12.50</b>		Lunch	Lunch	Lunch	Lunch
<b>13.00- 13.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)
<b>14.00- 14.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)
<b>15.00- 15.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)
<b>16.00-16.50</b>		Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)

**GROUP B WEEK IX / 05-09 Nov.2018**

	<b>Monday 05-Nov-2018</b>	<b>Tuesday 06- Nov-2018</b>	<b>Wednesday 07- Nov-2018</b>	<b>Thursday 08- Nov-2018</b>	<b>Friday 09- Nov-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)
<b>14.00- 14.50</b>	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)
<b>15.00- 15.50</b>	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)
<b>16.00-16.50</b>	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- YUH&amp;LKRH)</b> (All Subgroups)

**GROUP B WEEK X / 12-16 Nov. 2018**

	<b>Monday 12-Nov-2018</b>	<b>Tuesday 13-Nov-2018</b>	<b>Wednesday 14-Nov-2018</b>	<b>Thursday 15-Nov-2018</b>	<b>Friday 16-Nov-2018</b>
<b>09.00- 09:50</b>	<b>OSCE (Group 1)</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session (Written Exam)</b>	<b>Assessment Session (Oral Exam)</b>
<b>10.00- 10.50</b>					
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
<b>13.00- 13.50</b>	<b>OSCE (Group 2)</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Discussion of written exam</b>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearkship Program
<b>14.00- 14.50</b>					
<b>15.00- 15.50</b>		<b>Independent Learning</b>	<b>Independent Learning</b>		
<b>16.00-16.50</b>					

## CHILD HEALTH and PEDIATRICS - GROUP A WEEK I / 03-07 Dec. 2018

	<b>Monday 03-Dec-2018</b>	<b>Tuesday 04-Dec-2018</b>	<b>Wednesday 05-Dec-2018</b>	<b>Thursday 06-Dec-2018</b>	<b>Friday 07-Dec-2018</b>
<b>09.00- 09:50</b>	<b>Lecture</b> Introduction to Pediatrics <i>Filiz Bakar</i> <i>Belma Haliloğlu</i> <i>Fatma Tuba Coşkun</i>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Lecture</b> History Taking <i>Filiz Bakar</i>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Neurological Examination <i>Tuba Giray</i>	<b>Lecture</b> Gastrointestinal and Genitourinary System Examination <i>Meltem Uğraş</i>	<b>Lecture</b> Respiratory Failure <i>Derun Torlak</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Cardiovascular System Examination & Electrocardiographic Principles1 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Coma and Stroke <i>Derun Torlak</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Respiratory System Examination <i>Hülya Sarıçoban</i>	<b>Lecture</b> Cardiovascular System Examination & Electrocardiographic Principles2 <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK II / 10-14 Dec 2018**

	<b>Monday 10-Dec-2018</b>	<b>Tuesday 11-Dec-2018</b>	<b>Wednesday 12-Dec-2018</b>	<b>Thursday 13-Dec-2018</b>	<b>Friday 14-Dec-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10:00- 11:50</b>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Renal and Liver Function Tests, Electrolytes and Acid- Base balance <i>Jale Çoban</i>	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Mustafa Berber</i>	<b>Lecture</b> Atopic dermatitis and allergic rhinitis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Growth, Development, and Growth Retardation-1 <i>Belma Haliloğlu</i>	<b>Lecture</b> Upper Respiratory Tract Infections <i>Hülya Sarıçoban</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Urinalysis and Other Body Fluids <i>Jale Çoban</i>	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Mustafa Berber</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin <i>Perihan Saf</i>	<b>Lecture</b> Growth, Development, and Growth Retardation -2 <i>Belma Haliloğlu</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Hülya Sarıçoban</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Tuba Giray</i>	<b>Practice</b> (Immunization) <i>Mustafa Berber</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin <i>Perihan Saf</i>	<b>Practice</b> (Growth and Development) <i>Belma Haliloğlu</i>	<b>Practice</b> (Chest X-Ray evolution with cases) <i>Hülya Sarıçoban</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>		<b>Independent Learning</b>

**GROUP A WEEK III / 17-21 Dec 2018**

	<b>Monday 17-Dec-2018</b>	<b>Tuesday 18-Dec-2018</b>	<b>Wednesday 19-Dec-2018</b>	<b>Thursday 20-Dec-2018</b>	<b>Friday 21-Dec-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Vitamin Deficiencies and Rickets -1 (Kartal Lutfi Kirdar Hosp) <i>Yasemin Akin</i>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-1 <i>Filiz Bakar</i>	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Endi Romano</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Vitamin Deficiencies and Rickets -2 (Kartal Lutfi Kirdar Hosp) <i>Yasemin Akin</i>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-2 <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>
<b>15.00- 15.50</b>	<b>Independent Learning</b>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Practice</b> (Vital signs) <i>Çiğdem Ayanoğlu</i>	<b>Practice</b> (Neonatal Resuscitation) <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>				<b>Independent Learning</b>

**GROUP A WEEK IV / 24-28 Dec 2018**

	<b>Monday 24-Dec-2018</b>	<b>Tuesday 25-Dec-2018</b>	<b>Wednesday 26-Dec-2018</b>	<b>Thursday 27-Dec-2018</b>	<b>Friday 28-Dec-2018</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 11.50</b>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Congestive Heart Failure <i>Endi Romano</i>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>	<b>Lecture</b> Acid-Base Disorders-1 <i>Perihan Saf</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Constipation <i>Meltem Uğraş</i>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>	<b>Lecture</b> Acid-Base Disorders-2 <i>Perihan Saf</i>
<b>15.00- 15.50</b>	<b>Lecture</b> GIS Bleeding <i>Meltem Uğraş</i>	<b>Clinical Experience (InPatient-OutPatient- (YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Viral Paralytic Diseases <i>Endi Romano</i>	<b>Lecture</b> Intoxications <i>Derun Torlak</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK V / 31 Dec-04 Jan 2019**

	<b>Monday 31-Dec-2018</b>	<b>Tuesday 01-Jan-2019</b>	<b>Wednesday 02-Jan-2019</b>	<b>Thursday 03-Jan-2019</b>	<b>Friday 04-Jan-2019</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	New Year Holiday	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)		<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>			<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>12.00- 12.50</b>	<b>Lecture</b> Evaluation of Endocrine Function <i>Serdar Öztezcan</i>		<b>Lecture</b> Calcium Metabolism <i>Belma Haliloğlu</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>
<b>13.00- 13.50</b>	<b>Lecture</b> Cardiac Markers <i>Serdar Öztezcan</i>		<b>Lecture</b> Hyperparatiroidism, Hypoparatiroidism <i>Belma Haliloğlu</i>	<b>Lecture</b> Hypertension <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Tuberculosis <i>Hülya Sarıçoban</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>		<b>Lecture</b> Congenital Hypothyroidism <i>Belma Haliloğlu</i>	<b>Independent Learning</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>İ. Çağatay Acuner</i>
<b>15.00- 15.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
<b>16.00-16.50</b>					

**GROUP A WEEK VI / 07-11 Jan 2019**

	<b>Monday 07-Jan-2019</b>	<b>Tuesday 08-Jan-2019</b>	<b>Wednesday 09-Jan-2019</b>	<b>Thursday 10-Jan-2019</b>	<b>Friday 11-Jan-2019</b>
<b>09.00- 09:50</b>	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)
<b>10.00- 10.50</b>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	Lunch	Lunch	Lunch	Lunch	
<b>13.00- 13.50</b>	<b>Lecture</b> Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Maculopapular-Vesicular Diseases <i>Tuba Giray</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>	<b>Lecture</b> Sepsis and Meningococemia <i>Çiğdem Ayanoğlu</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Nephrotic Syndrome <i>Endi Romano</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Tetanus, Diphteria, Mumps, And Pertussis <i>Fatma Tuba Coşkun</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Çiğdem Ayanoğlu</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Infections of CNS <i>Tuba Giray</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Ayanoğlu</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Fatma Tuba Coşkun</i>	<b>Independent Learning</b>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK VII / 14-18 Jan 2019**

	<b>Monday 14-Jan-2019</b>	<b>Tuesday 15-Jan-2019</b>	<b>Wednesday 16-Jan-2019</b>	<b>Thursday 17-Jan-2019</b>	<b>Friday 18-Jan-2019</b>
<b>09.00- 09:50</b>	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)	<b>Ward Round- YUH&amp;LKRH</b> (All Subgroups)
<b>10.00- 10.50</b>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Hepatitis <i>Meltem Uğraş</i>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Malabsorbtion and Celiac Disease <i>Meltem Uğraş</i>	<b>Lecture</b> Diabetic Ketoacidosis <i>Belma Haliloğlu</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Inborn Erros of Metabolism-2 <i>Derun Torlak</i>	<b>Lecture</b> Diabetes Mellitus <i>Belma Haliloğlu</i>	<b>Lecture</b> Approach to Nutrition <i>Meltem Uğraş</i>
<b>15.00- 15.50</b>	<b>Lecture</b> Inborn Erros of Metabolism-1 <i>Derun Torlak</i>	<b>Clinical Experience (InPatient- OutPatient-(YUH&amp;LKRH)</b> (All Subgroups)	<b>Lecture</b> Inborn Erros of Metabolism-3 <i>Derun Torlak</i>	<b>Lecture</b> Approach to the Patient with Convulsion <i>Perihan Saf</i>	<b>Lecture</b> Malnutrition & Obesity <i>Meltem Uğraş</i>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK VIII / 21-25 Jan 2019**

	<b>Monday 21-Jan-2019</b>	<b>Tuesday 22-Jan-2019</b>	<b>Wednesday 23-Jan-2019</b>	<b>Thursday 24-Jan-2019</b>	<b>Friday 25-Jan-2019</b>
<b>09.00-09.50</b>	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)
<b>10.00- 10.50</b>	Clinical Experience (InPatient-OutPatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.00- 13.50</b>	<b>Lecture</b> Adrenal Hypo-Hyperfunction <i>Belma Haliloğlu</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer Del Castello</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Sema Yilmaz</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>
<b>14.00- 14.50</b>	Hypophyseal Diseases <i>Belma Haliloğlu</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Hemopoetic Stem Cell and Transplantation & Cell therapies <i>Buket Erer Del Castello</i>	<b>Lecture</b> Malignancy in Childhood <i>Sema Yilmaz</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>
<b>15.00- 15.50</b>	Hypothyroidism Hyperthyroidism <i>Belma Haliloğlu</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Independent Learning	Independent Learning	Independent Learning
<b>16.00-16.50</b>	Independent Learning		Independent Learning	Independent Learning	Independent Learning

**GROUP A WEEK IX / 28 Jan -01 Feb 2019**

	<b>Monday 28-Jan-2019</b>	<b>Tuesday 29-Jan-2019</b>	<b>Wednesday 30-Jan-2019</b>	<b>Thursday 31-Jan-2019</b>	<b>Friday 01-Feb-2019</b>
<b>09.00- 09:50</b>	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)
<b>10.00- 10.50</b>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)
<b>11.00-11.50</b>					
<b>12.00- 12.50</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.00- 13.50</b>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>	<b>Lecture</b> Blood Transfusions and Complications <i>Sabri Kemahli</i>
<b>14.00- 14.50</b>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Sema Yılmaz</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahli</i>
<b>15.00- 15.50</b>	<b>Practice</b> (Peripheral blood smear) <i>Sema Yılmaz</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK X / 04 -08 Feb 2019**

	<b>Monday 04-Feb-2019</b>	<b>Tuesday 05-Feb-2019</b>	<b>Wednesday 06-Feb-2019</b>	<b>Thursday 07-Feb-2019</b>	<b>Friday 08-Feb-2019</b>
09.00- 09:50	OSCE (Group 1)	Independent Learning	Independent Learning	Assessment Session (Written Exam)	Assessment Session (Oral Exam)
10.00- 10.50					
11.00-11.50					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	OSCE (Group 2)	Independent Learning	Independent Learning	Discussion of written exam	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program
14.00- 14.50					
15.00- 15.50		Independent Learning	Independent Learning		
16.00-16.50	Independent Learning	Independent Learning			

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**GENERAL SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

**Head of the Department of General Surgery: Özcan Gökçe, MD. Prof.**

**Öge Taşçılar, MD. Prof.**

**Hikmet Fatih Ağalar, MD. Prof.**

**Neşet Köksal, MD. Prof.**

**Mirkhalig Javadov, MD..**

**&**

**HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL**

**Chief of the Department of General Surgery: Osman Yücel, MD. Assoc. 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**

- 1.0. discuss basics of blood transfusion, hemostasis and coagulation
- 2.0. discuss shock types and treatments
- 3.0. summarize stages of systemic response to trauma

#### **SKILLS**

- 4.0. assess signs and symptoms, differential diagnoses and treatments options of surgical diseases of digestive system.
- 5.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of breast, breast examination; ordering necessary tests for breast cancer and other mammary diseases.
- 6.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of endocrine system, thyroid examination; ordering necessary tests for differential diagnosis.
- 7.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of hepatobiliary system.
- 8.1. assess existing signs and symptoms of emergency patients,
- 8.2. do Physical Examination,
- 8.3. perform or order laboratory and imaging tests,
- 8.4. evaluate pre-diagnosis and differential diagnosis, treatment steps.
- 9.0. manage fluid-electrolyte balance.
- 10.0 do prophylaxis and treatments of surgical site infections.
- 11.0 plan nutrition of surgical patients.
- 12.1 discuss feasibility and criteria of liver, kidney, pancreas transplant,
- 12.2. do follow-up and treatments of these patients.

- 13.1 manage wound care and dressing,
- 13.2 do basic suturing,
- 13.3. diagnose and drain simply localized abscess or hematoma.
- 14.1. differentiate abdominal trauma (blunt/penetrant),
- 14.2. decide treatment.
- 15.1. decide how to Approach surgical diseases in primary care,
- 15.2. make initial diagnosis and treatment
- 16.0. assess intervention to traumatized Patient.
- 17.0. discuss basic principles of medical oncology.
- 18.1. recognize abdominal hernias,
- 18.2. conduct for treatment.
- 19.1 discuss etiopathogenesis, differential diagnosis and treatment of acute abdomen,
- 19.2. diagnose acute abdomen.
- 20.1 determine diagnoses of surgical diseases and treatment options that can applied at primary health care centers,
- 20.2. determine appropriate transport conditions and transporting criteria.

#### **ATTITUDES**

- 21.0. respect privacy of patient-doctor communication and patient privacy
- 22.0. value taking history in good communication manner towards Patient and Patient's relatives
- 23.0. value importance of informing patient and patient's relatives.
- 24.0. value importance of patient transport in compliance with regulations

## 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%
<b>Total</b>	<b>100%</b>
Other Assessment Methods and Tools	Proportion (in Other Assessment Methods and Tools)
Oral Exam (OE)	90%
Evaluation of Case Presentation	10%
<b>Total</b>	<b>100 %</b>
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
<b>Total</b>	<b>100%</b>

**GENERAL SURGERY - Group A**  
**Week I / 25 Feb.- 1 Mar. 2019**

	Monday 25-Feb-2019	Tuesday 26-Feb-2019	Wednesday 27-Feb-2019	Thursday 28-Feb-2019	Friday 1-Mar-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
11.00- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	<b>Introductory Session</b> Periampullary Malignancies <i>Özcan Gökçe</i>	The Systemic Response to Injury <i>Mirkhalig Javadov</i>	Evidence Based Medicine: Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Physical Examination of Surgery Hydatid Disease of Liver – Liver Abscess and Tumors <i>Fatih Ağalar</i>	Gastrointestinal Bleeding – Disorders of Coagulation <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 / 4 Mar.-08 Mar. 2019**

	<b>Monday 4-Mar-2019</b>	<b>Tuesday 5-Mar-2019</b>	<b>Wednesday 6-Mar-2019</b>	<b>Thursday 7-Mar-2019</b>	<b>Friday 8-Mar-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 10.50</b>	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
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	Hemostasis, Surgical Bleeding, and Transfusion <i>Mirkhalig Javadov</i>	Evidence Based Medicine: Acute Appendicitis <i>Lecturer</i>	Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Evidence Based Medicine: Acute Abdomen – Peritonitis <i>Neşet Köksal</i>	Colorectal Carcinoma – Anorectal Disease <i>Lecturer</i>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week III / 11-15 Mar. 2019**

	<b>Monday 11-Mar-2019</b>	<b>Tuesday 12-Mar-2019</b>	<b>Wednesday 13-Mar-2019</b>	<b>Thursday 14-Mar-2019</b>	<b>Friday 15-Mar-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 10.50</b>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	Evidence Based Medicine: Shock and its Treatment <i>Lecturer</i>	Evidence Based Medicine: Surgical Nutrition <i>Mirkhalig Javadov</i>  Intestinal Obstruction <i>Mirkhalig Javadov</i>	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>  Evidence Based Medicine: Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Pancreatitis <i>Özcan Gökçe</i>	Disease of the Adrenal Glands and Spleen Liver/Renal/Pancreas Transplantation <i>Özcan Gökçe</i>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week IV / 18-22 Mar. 2019**

	<b>Monday 18-Mar-2019</b>	<b>Tuesday 19-Mar-2019</b>	<b>Wednesday 20-Mar-2019</b>	<b>Thursday 21-Mar-2019</b>	<b>Friday 22-Mar-2019</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>10.00- 10.50</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 15.30</b>	Abdominal Trauma <i>Mirkhalig Javadov</i>  Evidence Based Medicine: Wound Healing and Surgical Infections <i>Mirkhalig Javadov</i>	Benign and Malignant Disease of the Stomach <i>Fatih Ağalar</i>	Disease of the Breast <i>Lecturer</i>	Disease of the Gallbladder and Biliary Tree <i>Lecturer</i>  Evidence Based Medicine: Hernias <i>Lecturer</i>	Inflammatory Bowel Disease <i>Neşet Köksal</i>  Benign and Malignant Disease of the Oesophagus <i>Neşet Köksal</i>
<b>15.30- 17.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>17.30-17:50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

	<b>Monday 25-Mar-2019</b>				
<b>09.00- 09.50</b>	<b>Written Exam</b>				
<b>10.00- 10.50</b>					
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	<b>Lunch</b>				
<b>13.30- 15.30</b>	<b>Oral Exam</b>				
<b>15.30- 17.30</b>					
<b>17.30-17:50</b>	<b>Independent Learning</b>				

**GENERAL SURGERY - Group B**  
**Week 1 / 01 Apr.-5 Apr. 2019**

	Monday 01-Apr-2019	Tuesday 02-Apr-2019	Wednesday 03-Apr-2019	Thursday 04-Apr-2019	Friday 05-Apr-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	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
11.00- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	<b>Introductory Session</b> Periampullary Malignancies <i>Özcan Gökçe</i>	The Systemic Response to Injury <i>Mirkhalig Javadov</i>	Evidence Based Medicine: Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>  Evidence Based Medicine: Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Hydatid Disease of Liver Liver Abscess and Tumors <i>Fatih Ağalar</i>	Gastrointestinal Bleeding Disorders of Coagulation <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 / 8 Apr-12 Apr. 2019**

	<b>Monday 8-Apr-2019</b>	<b>Tuesday 9-Apr-2019</b>	<b>Wednesday 10-Apr-2019</b>	<b>Thursday 11-Apr-2019</b>	<b>Friday 12-Apr-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 10.50</b>	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
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	Hemostasis, Surgical Bleeding, and Transfusion <i>Mirkhalig Javadov</i>	Evidence Based Medicine: Acute Appendicitis <i>Lecturer</i>	Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Evidence Based Medicine: Acute Abdomen Peritonitis <i>Neşet Köksal</i>	Colorectal Carcinoma Anorectal Disease <i>Lecturer</i>  Intestinal Obstruction <i>Mirkhalig Javadov</i>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week III / 15-19 Apr. 2018**

	<b>Monday 15-Apr-2019</b>	<b>Tuesday 16-Apr-2019</b>	<b>Wednesday 17-Apr-2019</b>	<b>Thursday 18-Apr-2019</b>	<b>Friday 19-Apr-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 10.50</b>	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
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	Evidence Based Medicine: Shock and its Treatment <i>Lecturer</i>	Evidence Based Medicine: Surgical Nutrition <i>Mirkhalig Javadov</i>	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Pancreatitis <i>Özcan Gökçe</i>	Disease of the Adrenal Glands and Spleen Liver/Renal/Pancreas Transplantation <i>Özcan Gökçe</i>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week IV / 22 Apr.- 26 April. 2019**

	<b>Monday 22-Apr-2019</b>	<b>Tuesday 23-Apr-2019</b>	<b>Wednesday 24-Apr-2019</b>	<b>Thursday 25-Apr-2019</b>	<b>Friday 26-Apr-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 10.50</b>	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
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	Abdominal Trauma, Physical Examination of Surgery <i>Mirkhalig Javadov</i>  Evidence Based Medicine: Wound Healing and Surgical Infections <i>Mirkhalig Javadov</i>	Bening and Malignant Disease of the Stomach <i>Fatih Ağalar</i>	Disease of the Breast <i>Lecturer</i>	Disease of the Gallbladder and Biliary Tree <i>Lecturer</i>  Evidence Based Medicine: Hernias <i>Lecturer</i>	Inflamatuar Bowel Disease <i>Neşet Köksal</i>  Bening and Malignant Disease of the Oesophagus <i>Neşet Köksal</i>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	<b>Monday 26-Apr-2019</b>				
<b>09.00- 09.50</b>	<b>Written Exam</b>				
<b>10.00- 10.50</b>					
<b>11.00- 11.50</b>					
<b>12.00- 13.30</b>	<b>Lunch</b>				
<b>13.30- 15.30</b>	<b>Oral Exam</b>				
<b>15.30- 17.30</b>					
<b>17.30-17:50</b>	<b>Independent Learning</b>				

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE**

**PHASE IV**

**OBSTETRICS AND GYNECOLOGY  
YEDİTEPE UNIVERSITY HOSPITAL**

**Head of the Department of Obstetrics and Gynecology: N. Cem Fıçıcıođlu, MD. PhD. Prof.**

**Gazi Yıldırım, MD. Prof.**

**Rukset Attar, MD. PhD. Prof.**

**Orhan Ünal, MD. Prof.**

**Selçuk Özden, MD. Prof.**

**Mert Yeşiladalı, MD.**

**Melis Gökçe Koçer Yazıcı, MD**

**Zeynep Ece Utkan Korun, MD.**

**&**

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

**Head of the Department of Obstetrics and Gynecology: R. Nida Bayık, 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**

- 1.0. explain 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.

#### **SKILLS**

- 2.1. take medical history about female genital system,
- 2.2. do systemic Physical Examination including female genital system.
- 3.0. do PAP smear tests
- 4.0 do breast and cervix cancer screening tests.
- 5.0 do menopause and osteoporosis screening tests

#### **ATTITUDES**

- 6.0 Approach with right attitude to Patients and their relatives
- 7.0 value doctor-Patient communication and Patient privacy
- 8.0 inform Patient and Patients' relatives with respect

## **COMPETENCIES**

- 9.1 do follow up of normal pregnancy period,
- 9.2 order necessary medical tests in pregnancy.
- 10.0 detect fetal cardiac activity (FCA)
- 11.1 perform antenatal tests like non-stress test (NST) and CST,
- 11.2 evaluate results.
- 12.1 follow and examine normal spontaneous vaginal birth,
- 12.2 detect complications of birth.
- 13.0 detect high risk pregnancies
- 14.1 detect ectopic pregnancies,
- 14.2 make differential diagnosis in acute abdominal pain.
- 15.1 guide Patients about appropriate usage of family planning and contraception methods
- 15.2 provide consultancy to Patients about family planning and contraception methods' usage
- 16.1 recognize emergency Patients' referral conditions
- 16.2 refer Patient safely to appropriate center upon indication
- 16.3 refer high-risk pregnancies to secondary or tertiary reference centers
- 16.4 refer Patients with menopause or osteoporosis to appropriate center upon indication
- 17.0 provide consultancy to Patients about teratogenicity effects in pregnancy.
- 18.0 provide consultancy to Patients about breast and cervix cancer screening.

## ASSESSMENT

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

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	90%
Extended Matching Questions	5%
Key Features	5%
<b>Total</b>	<b>100%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Structured Oral Exam (SOE)	40%
<b>Total</b>	<b>40%</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	60%
Other Assessment Methods and Tools	40%
<b>Total</b>	<b>100%</b>

**OBSTETRICS AND GYNECOLOGY - Group B**  
**Week I / 25 Feb.-1 Mar. 2019**

	Monday 25-Feb-2019	Tuesday 26-Feb-2019	Wednesday 27-Feb-2019	Thursday 28-Feb-2019	Friday 1-Mar-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE 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	<p><b>Introductory Session</b> <i>Cem Fiçicioğlu</i></p> <p><b>Lecture</b> Gynecology: and Overview Including Related Anatomy <i>Gazi Yıldırım</i></p>	<p><b>Lecture</b> Ovarian Functions and its Neuro-Endocrine Control <i>Cem Fiçicioğlu</i></p> <p><b>Lecture</b> Developmental Defects of the Female Reproductive Tract <i>Cem Fiçicioğlu</i></p>	<p><b>Lecture</b> Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <i>Rukset Attar</i></p> <p><b>Lecture</b> Obstetrics: an Overview Including Related Anatomy <i>Cem Fiçicioğlu / Mert Yeşiladalı</i></p>	<p><b>Lecture ans Case Discussion</b> Evidence Based Medicine: Approaching to Endometriosis <i>Gazi Yıldırım</i></p> <p><b>Lecture</b> Hirsutismus <i>Gazi Yıldırım</i></p>	<p><b>Lecture</b> Anovulation <i>Cem Fiçicioğlu / Zeynep Ece Korun</i></p> <p><b>Lecture</b> Evidence Based Medicine: Ovulation Induction <i>Cem Fiçicioğlu</i></p>
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week II / 04-08 Mar. 2018**

	<b>Monday 4-Mar-2019</b>	<b>Tuesday 5-Mar-2019</b>	<b>Wednesday 6-Mar-2019</b>	<b>Thursday 7-Mar-2019</b>	<b>Friday 8-Mar-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 12.30</b>	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology
<b>12.30- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30-15.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>15.30- 17.30</b>	<p align="center"><b>Lecture</b> Evaluation of Infertile Couple <i>Cem Fiçicioğlu</i></p> <p align="center"><b>Lecture</b> Assisted Reproductive Technologies <i>Cem Fiçicioğlu</i></p>	<p align="center"><b>Lecture</b> Menstrual Disorders, Amenorrhea <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Abnormal Uterine Bleeding <i>Rukset Attar</i></p>	<p align="center"><b>Lecture</b> Obstetric Ultrasound Examination <i>Selçuk Özden / Melis G. K. Yazıcı</i></p> <p align="center"><b>Lecture</b> High-risk Pregnancy: an Overview <i>Selçuk Özden / Melis G. K. Yazıcı</i></p>	<p align="center"><b>Lecture</b> Gestational Trophoblastic Diseases <i>Gazi Yıldırım</i></p> <p align="center"><b>Lecture</b> Evidence Based Aproaching to the Postmenopausal Hormone Treatment <i>Gazi Yıldırım / Zeynep Ece Korun</i></p>	<p align="center"><b>Lecture</b> Perinatal Follow-Ups <i>Selçuk Özden</i></p> <p align="center"><b>Lecture</b> Antenatal Screening Tests and Prenatal Diagnosis <i>Selçuk Özden</i></p>
<b>17.30-18:00</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week III / 11-15 Mar. 2018**

	<b>Monday 11-Mar-2019</b>	<b>Tuesday 12-Mar-2019</b>	<b>Wednesday 13-Mar-2019</b>	<b>Thursday 14-Mar-2019</b>	<b>Friday 15-Mar-2019</b>
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE 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	<b>Lecture</b> Trombophilia and Pregnancy <i>Selçuk Özden</i>  <b>Lecture</b> Clinical Embryology <i>Oya A. Alagöz</i>	<b>Lecture</b> Complications of Early Pregnancy <i>Rukset Attar</i>  <b>Lecture</b> Ectopic Pregnancy <i>Rukset Attar</i>	<b>Lecture</b> Multiple Pregnancies <i>Rukset Attar / Mert Yeşiladalı</i>  <b>Lecture</b> Hematological Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i>	<b>Lecture</b> Pelvic Relaxation <i>Gazi Yıldırım</i>  <b>Lecture</b> Uro-Gynecology <i>Gazi Yıldırım</i>	<b>Lecture</b> Intrauterine Growth Restriction <i>Selçuk Özden</i>  <b>Lecture</b> Evidence Based Assessment of Fetal Well- Being <i>Selçuk Özden</i>
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week IV / 18-22 Mar. 2019**

	<b>Monday 18-Mar-2019</b>	<b>Tuesday 19-Mar-2019</b>	<b>Wednesday 20-Mar-2019</b>	<b>Thursday 21-Mar-2019</b>	<b>Friday 22-Mar-2019</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>10.00- 10.50</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>
<b>11.00- 12.30</b>					
<b>12.30- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30-15.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>15.30- 17.30</b>	<p align="center"><b>Lecture</b> Hormonal Disorders And Pregnancy <i>Selçuk Özden / Melis G. K. Yazıcı</i></p> <p align="center"><b>Lecture</b> Nutrition In Pregnancy And Pre-Gestational And Gestational Diabetes <i>Selçuk Özden / Melis G. K. Yazıcı</i></p>	<p align="center"><b>Lecture</b> Bleeding In The Third Trimester <i>Rukset Attar / Zeynep Ece Korun</i></p> <p align="center"><b>Lecture</b> Postpartum Bleeding <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Benign Disorders Of Uterus, Fallopian Tubes And Ovaries <i>Rukset Attar / Zeynep Ece Korun</i></p>	<p align="center"><b>Lecture</b> Perinatal Infections <i>Gazi Yıldırım / Mert Yeşiladalı</i></p> <p align="center"><b>Lecture</b> Rh Isoimmunisation <i>Gazi Yıldırım / Mert Yeşiladalı</i></p>	<p align="center"><b>Lecture</b> Gynecological Malignancies And Pregnancy <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Malignant Ovarian Tumors And Malignant Disorders Of Fallopian Tubes <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Malignant Disorders Of Uterus, Endometrium Carcinoma <i>Orhan Ünal</i></p>	<p align="center"><b>Lecture</b> Preterm Premature Rupture Of Membranes <i>Selçuk Özden</i></p> <p align="center"><b>Lecture</b> Puerperium And Puerperal Infections <i>Selçuk Özden</i></p>
<b>17.30-18:00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week V / 25-29 Mar. 2019**

	<b>Monday 25-Mar-2019</b>	<b>Tuesday 26-Mar-2019</b>	<b>Wednesday 27-Mar-2019</b>	<b>Thursday 28-Mar-2019</b>	<b>Friday 29-Mar-2019</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Written Examination</b>
<b>10.00- 10.50</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>Oral Examination</b>
<b>11.00- 12.30</b>					
<b>12.30- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30-15.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	
<b>15.30- 17.30</b>	<p align="center"><b>Lecture</b> Hypertensive Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i></p> <p align="center"><b>Lecture</b> Cardiovascular Diseases and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i></p>	<p align="center"><b>Lecture</b> Operative Labor and Cesarean Section <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Vulvo-Vaginitis <i>Rukset Attar / Zeynep Ece Korun</i></p> <p align="center"><b>Lecture</b> Benign Disorders of Vulva and Vagina <i>Rukset Attar / Zeynep Ece Korun</i></p>	<p align="center"><b>Lecture</b> Normal Labor <i>Gazi Yıldırım / Melis G. K. Yazıcı</i></p> <p align="center"><b>Lecture</b> Abnormal <i>Gazi Yıldırım / Melis G. K. Yazıcı</i></p>	<p align="center"><b>Lecture</b> Pre-invasive Cervical Neoplasm <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Cervix Carcinoma <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Vulvovaginal Carcinoma <i>Orhan Ünal</i></p>	
<b>17.30-18:00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**OBSTETRICS AND GYNECOLOGY - Group A**  
**Week I / 13 May.-7 May. 2019**

	Monday 13-May-2019	Tuesday 14-May-2019	Wednesday 15-May-2019	Thursday 16-May-2019	Friday 17-May-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANİYE 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	<p align="center"><b>Introductory Session</b> <i>Cem Fiçicioğlu</i></p> <p align="center"><b>Lecture</b> Gynecology: and Overview Including Related Anatomy <i>Gazi Yıldırım</i></p>	<p align="center"><b>Lecture</b> Ovarian Functions and its Neuro-Endocrine Control <i>Cem Fiçicioğlu</i></p> <p align="center"><b>Lecture</b> Developmental Defects of the Female Reproductive Tract <i>Cem Fiçicioğlu</i></p>	<p align="center"><b>Lecture</b> Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Obstetrics: an Overview Including Related Anatomy <i>Cem Fiçicioğlu / Mert Yeşiladalı</i></p>	<p align="center"><b>Lecture ans Case Discussion</b> Evidence Based Medicine: Approaching to Endometriosis <i>Gazi Yıldırım</i></p> <p align="center"><b>Lecture</b> Hirsutismus <i>Gazi Yıldırım</i></p>	<p align="center"><b>Lecture</b> Anovulation <i>Cem Fiçicioğlu / Zeynep Ece Korun</i></p> <p align="center"><b>Lecture</b> Evidence Based Medicine: Ovulation Induction <i>Cem Fiçicioğlu</i></p>
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week II / 20-24 May. 2019**

	<b>Monday 20-May-2019</b>	<b>Tuesday 21-May-2019</b>	<b>Wednesday 22-May-2019</b>	<b>Thursday 23-May-2019</b>	<b>Friday 24-May-2019</b>
<b>09.00- 09.50</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>10.00- 12.30</b>	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology
<b>12.30- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30-15.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
<b>15.30- 17.30</b>	<p align="center"><b>Lecture</b> Evaluation of Infertile Couple <i>Cem Fiçicioğlu</i></p> <p align="center"><b>Lecture</b> Assisted Reproductive Technologies <i>Cem Fiçicioğlu</i></p>	<p align="center"><b>Lecture</b> Menstrual Disorders, Amenorrhea <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Abnormal Uterine Bleeding <i>Rukset Attar</i></p>	<p align="center"><b>Lecture</b> Obstetric Ultrasound Examination <i>Selçuk Özden / Melis G. K. Yazıcı</i></p> <p align="center"><b>Lecture</b> High-risk Pregnancy: an Overview <i>Selçuk Özden / Melis G. K. Yazıcı</i></p>	<p align="center"><b>Lecture</b> Gestational Trophoblastic Diseases <i>Gazi Yıldırım</i></p> <p align="center"><b>Lecture</b> Evidence Based Aproaching to the Postmenopausal Hormone Treatment <i>Gazi Yıldırım / Zeynep Ece Korun</i></p>	<p align="center"><b>Lecture</b> Perinatal Follow-Ups <i>Selçuk Özden</i></p> <p align="center"><b>Lecture</b> Antenatal Screening Tests and Prenatal Diagnosis <i>Selçuk Özden</i></p>
<b>17.30-18:00</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week III / 27-31 May 2019**

	<b>Monday 27-May-2019</b>	<b>Tuesday 28-May-2019</b>	<b>Wednesday 29-May-2019</b>	<b>Thursday 30-May-2019</b>	<b>Friday 31-May-2019</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>10.00- 10.50</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>
<b>11.00- 12.30</b>					
<b>12.30- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30-15.30</b>	<p><b>Lecture</b> Hormonal Disorders and Pregnancy <i>Selçuk Özden / Melis G. K. Yazıcı</i></p> <p><b>Lecture</b> Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes <i>Selçuk Özden / Melis G. K. Yazıcı</i></p>	<p><b>Lecture</b> Bleeding in the Third Trimester <i>Rukset Attar / Zeynep Ece Korun</i></p> <p><b>Lecture</b> Postpartum Bleeding <i>Rukset Attar</i></p> <p><b>Lecture</b> Benign Disorders of Uterus, Fallopian Tubes and Ovaries <i>Rukset Attar / Zeynep Ece Korun</i></p>	<p><b>Lecture</b> Perinatal Infections <i>Gazi Yıldırım / Mert Yeşiladalı</i></p> <p><b>Lecture</b> Rh Isoimmunisation <i>Gazi Yıldırım / Mert Yeşiladalı</i></p>	<p><b>Lecture</b> Gynecological Malignancies and Pregnancy <i>Orhan Ünal</i></p> <p><b>Lecture</b> Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes <i>Orhan Ünal</i></p> <p><b>Lecture</b> Malignant Disorders of Uterus, Endometrium Carcinoma <i>Orhan Ünal</i></p>	<p><b>Lecture</b> Preterm Premature Rupture of Membranes <i>Selçuk Özden</i></p> <p><b>Lecture</b> Puerperium and Puerperal Infections <i>Selçuk Özden</i></p>
<b>15.30- 17.30</b>	<p><b>Lecture</b> Trombophilia and Pregnancy <i>Selçuk Özden</i></p> <p><b>Lecture</b> Clinical Embryology <i>Oya A. Alagöz</i></p>	<p><b>Lecture</b> Complications of Early Pregnancy <i>Rukset Attar</i></p> <p><b>Lecture</b> Ectopic Pregnancy <i>Rukset Attar</i></p>	<p><b>Lecture</b> Multiple Pregnancies <i>Rukset Attar / Mert Yeşiladalı</i></p> <p><b>Lecture</b> Hematological Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i></p>	<p><b>Lecture</b> Pelvic Relaxation <i>Gazi Yıldırım</i></p> <p><b>Lecture</b> Uro-Gynecology <i>Gazi Yıldırım</i></p>	<p><b>Lecture</b> Intrauterine Growth Restriction <i>Selçuk Özden</i></p> <p><b>Lecture</b> Evidence Based Assessment of Fetal Well-Being <i>Selçuk Özden</i></p>
<b>17.30-18:00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV / 3-7 June 2019**

	<b>Monday 3-jun-2019</b>	<b>Tuesday 4-jun-2019</b>	<b>Wednesday 5-jun-2019</b>	<b>Thursday 6-jun-2019</b>	<b>Friday 7-jun-2019</b>
09.00- 09.50	Independent Learning	Independent Learning	Religious Holiday	Religious Holiday	Religious Holiday
10.00- 10.50					
11.00- 12.30					
12.30- 13.30	Lunch	Lunch			
13.30-15.30	Independent Learning	Religious Holiday			
15.30- 17.30					
17.30-18:00					

**Week V / 10-14 June. 2019**

	<b>Monday 10-jun-2019</b>	<b>Tuesday 11-jun-2019</b>	<b>Wednesday 12-jun-2019</b>	<b>Thursday 13-jun-2019</b>	<b>Friday 14-jun-2019</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Written Examination</b>
<b>10.00- 10.50</b>	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology	<b>Oral Examination</b>
<b>11.00- 12.30</b>					
<b>12.30- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30-15.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	
<b>15.30- 17.30</b>	<p align="center"><b>Lecture</b> Hypertensive Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i></p> <p align="center"><b>Lecture</b> Cardiovascular Diseases and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i></p>	<p align="center"><b>Lecture</b> Operative Labor and Cesarean Section <i>Rukset Attar</i></p> <p align="center"><b>Lecture</b> Vulvo-Vaginitis <i>Rukset Attar / Zeynep Ece Korun</i></p> <p align="center"><b>Lecture</b> Benign Disorders of Vulva and Vagina <i>Rukset Attar / Zeynep Ece Korun</i></p>	<p align="center"><b>Lecture</b> Normal Labor <i>Gazi Yıldırım / Melis G. K. Yazıcı</i></p> <p align="center"><b>Lecture</b> Abnormal <i>Gazi Yıldırım / Melis G. K. Yazıcı</i></p>	<p align="center"><b>Lecture</b> Pre-invasive Cervical Neoplasm <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Cervix Carcinoma <i>Orhan Ünal</i></p> <p align="center"><b>Lecture</b> Vulvovaginal Carcinoma <i>Orhan Ünal</i></p>	
<b>17.30-18:00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**CARDIOLOGY**

**YEDİTEPE UNIVERSITY HOSPITAL**

**Muzaffer Murat Deęertekin, MD. Prof.  
Olca Özveren, MD. Assoc. Prof.  
Emre Aslanger , MD . Assoc. Prof.  
Ayça Türer, MD. Assist. Prof.  
Mustafa Aytek Şimşek, MD. Assist. Prof.  
Burak Hünük , MD. Assist. Prof.**

**&**

**KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**

**Gökhan Kahveci, MD. Assoc. Prof.  
Taylan Akgün, MD .Assoc. Prof.  
Mustafa Aytürk ,MD.**

## **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**

- 1.0. observe and explain;
  - 1.1 cardiac echocardiography
  - 1.2 pericardiocentesis
  - 1.3 cardiac catheterization and coronary angiography
  - 1.4 Holter ECG monitoring
  - 1.5 cardiac exercise test
  - 1.6 ambulatory blood pressure monitoring
  - 1.7 electrophysiological study and pacemaker implantation

#### **SKILLS**

- 2.0 take detailed, relevant history of cardiac Patient
- 3.0 perform detailed Physical Examination of cardiac Patient
- 4.0 supply basic life support to cardiac Patient
- 5.0 evaluate peripheral pulses
- 6.0 evaluate blood pressure of Patient

#### **COMPETENCIES**

- 7.0 assess and diagnose electrocardiographic findings
- 8.0. evaluate serum electrolytes, renal function tests, hepatic function tests and thyroid function tests, cardiac biomarkers
- 9.0. assess chest x-rays

- 10.0 perform and evaluate results of
- 10.1 diagnosis of acute cardiac disorders
- 10.2 cardiac auscultation
- 10.3 measurement of blood pressure by sphygmomanometry
- 10.4 cardiac monitoring and ECG

## **ATTITUDES**

- 11.0 assimilate principles of
- 11.1 respecting for Patient rights and obtaining well-balanced relations with Patients' relatives
- 11.2 maintaining good relations with colleagues and teaching staff, being analytical and research orientated
- 11.3 maintaining good relations with other health care workers
- 11.4 asking for consultation
- 11.5 using written and on-line sources correctly
- 11.6 giving clear and concise information about Patient's condition to Patient and relatives
- 11.7 obeying infection control regulations when working at inPatient and outPatient clinics

## ASSESSMENT

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

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

**CARDIOLOGY - GROUP A / Week I**

	<b>Monday 19-Nov-2018</b>				<b>Tuesday 20-Nov-2018</b>				<b>Wednesday 21-Nov-2018</b>				<b>Thursday 22-Nov-2018</b>				<b>Friday 23-Nov-2018</b>			
	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>			
<b>08.30-12.00</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>
	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
<b>12.50-13.50</b>	<b>Lecture</b> Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i>  History taking <i>Emre Aslanger</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure I <i>Ayça Türer</i>				<b>Lecture</b> Mitral Valve Diseases <i>Emre Aslanger</i>			
<b>14.00- 14.50</b>	<b>Lecture</b> Cardiovascular Examination <i>Emre Aslanger</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure II <i>Ayça Türer</i>				<b>Lecture</b> Aortic Valve Diseases <i>Emre Aslanger</i>			
<b>15.00- 15.50</b>	<b>Lecture</b> Basic Electrocardiography <i>Emre Aslanger</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Emre Aslanger</i>			
<b>16.00-17.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>			

**GROUP A / Week II**

	<b>Monday 26-Nov-2018</b>	<b>Tuesday 27-Nov-2018</b>	<b>Wednesday 28-Nov-2018</b>	<b>Thursday 29-Nov-2018</b>	<b>Friday 30-Nov-2018</b>												
<b>08.30-12.00</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<p align="center"><b>Lecture</b> <i>Pulmonary Vacular Disease</i> <i>Olca Özveren</i></p>	<p><b>Written Examination</b></p> <p><b>and</b></p> <p><b>Oral</b></p> <p><b>Examination</b></p> <p><b>YEDİTEPE UNIVERSITY HOSPITAL</b> Muzaffer Değertekin Olca Özveren Emre Aslanger Ayça Türer Mustafa Aytek Şimşek Burak Hünük</p>			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4					
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab					
<b>13.00-13.50</b>	<p><b>Lecture</b> Hypertension <i>Olca Özveren</i></p>				<p><b>Lecture</b> Tachyarrhythmias <i>Burak Hünük</i></p>				<p><b>Lecture</b> Syncope <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>14.00- 14.50</b>	<p><b>Lecture</b> Infective Endocarditis <i>Olca Özveren</i></p>				<p><b>Lecture</b> Tachyarrhythmias <i>Burak Hünük</i></p>				<p><b>Lecture</b> Sudden Cardiac Death <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>15.00- 15.50</b>	<p><b>Lecture</b> Pericardial Diseases <i>Olca Özveren</i></p>				<p><b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Burak Hünük</i></p>				<p><b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>16.00-17.00</b>	<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				

**CARDIOLOGY - GROUP B / Week I**

	<b>Monday 11-Feb-2019</b>				<b>Tuesday 12-Feb-2019</b>				<b>Wednesday 13-Feb-2019</b>				<b>Thursday 14-Feb-2019</b>				<b>Friday 15-Feb-2019</b>			
<b>08.30-12.00</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>			
	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>
	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
<b>12.50-13.50</b>	<b>Lecture</b> Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i>  History Taking <i>Emre Aslanger</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure I <i>Ayça Türer</i>				<b>Lecture</b> Mitral Valve Diseases <i>Emre Aslanger</i>			
<b>14.00- 14.50</b>	<b>Lecture</b> Cardiovascular Examination <i>Emre Aslanger</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure II <i>Ayça Türer</i>				<b>Lecture</b> Aortic Valve Diseases <i>Emre Aslanger</i>			
<b>15.00- 15.50</b>	<b>Lecture</b> Basic Electrocardiography <i>Emre Aslanger</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Emre Aslanger</i>			
<b>16.00-17.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>			

**GROUP B / Week II**

	<b>Monday 18-Feb-2019</b>	<b>Tuesday 19-Feb-2019</b>	<b>Wednesday 20-Feb-2019</b>	<b>Thursday 21-Feb-2019</b>	<b>Friday 22-Feb-2019</b>												
<b>08.30-12.00</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				<p align="center"><b>Lecture</b> <i>Pulmonary vacular disease</i> <i>Olçay Özveren</i></p>	<p><b>Written Examination and Oral Examination</b></p> <p><b>YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Emre Aslanger Ayça Türer Mustafa Aytek Şimşek Burak Hünük</b></p>			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4					
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab					
<b>13.00-13.50</b>	<p><b>Lecture</b> <i>Hypertension</i> <i>Olçay Özveren</i></p>				<p><b>Lecture</b> Tachyarrhythmias <i>Burak Hünük</i></p>				<p><b>Lecture</b> Syncope <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>14.00- 14.50</b>	<p><b>Lecture</b> Infective Endocarditis <i>Olçay Özveren</i></p>				<p><b>Lecture</b> Tachyarrhythmias <i>Burak Hünük</i></p>				<p><b>Lecture</b> Sudden Cardiac Death <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>15.00- 15.50</b>	<p><b>Lecture</b> Pericardial Diseases <i>Olçay Özveren</i></p>				<p><b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Burak Hünük</i></p>				<p><b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Burak Hünük</i></p>				<p><b>Independent Learning</b></p>				
<b>16.00-17.00</b>	<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				<p><b>Independent Learning</b></p>				

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE**

**PHASE IV**

**CARDIOVASCULAR SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

**Soner Sanioglu, MD, Assoc. Prof. (Head of the Department)**

**Halit Yerebakan, MD, Assoc. Prof. (Coordinator)**

**&**

**KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**

**Murat Bülent Rabuş, MD, Assoc. Prof.**

**Mehmet Yanartaş, MD, Assoc. Prof.**

**Emin Onur Yerlikhan, MD.**

## **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.

## ASSESSMENT

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

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

### CARDIOVASCULAR SURGERY - GROUP A / Week I 29 Apr- 10 May. 2019

	Monday 29-Apr-2019				Tuesday 30-Apr-2019				Wednesday 01-May-2019				Thursday 02-May-2019			
<b>08.30 -12.00</b>	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4
	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency
<b>13.30-14.15</b>	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Soner Sanioglu</i>				<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>				<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Soner Sanioglu</i>			
<b>14.30- 15.15</b>	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Soner Sanioglu</i>				<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>				<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				<b>Lecture</b> Heart and Great Vessels Injuries <i>Soner Sanioglu</i>			
<b>15.30- 16.00</b>	<b>Discussion</b> <i>Soner Sanioglu</i>				<b>Discussion</b> <i>Halit Yerebakan</i>				<b>Discussion</b> <i>Soner Sanioglu</i>				<b>Discussion</b> <i>Soner Sanioglu</i>			
<b>16.00-17.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>			

**GROUP A / Week II**

	<b>Monday 06-May-2019</b>	<b>Tuesday 07- May -2019</b>	<b>Wednesday 08- May -2019</b>	<b>Thursday 09- May -2019</b>	<b>Friday 10- May -2019</b>												
<b>08.30 -12.00</b>	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				<b>Written and Oral Examination (09.00- 12.00)</b>
	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	
	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	
<b>13.30-14.15</b>	<b>Lecture</b> Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	<b>Lecture</b> Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>	<b>Lecture</b> Venous and Lymphatic System Disease <i>Soner Sanioğlu</i>													
<b>14.30- 15.15</b>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</i>	<b>Lecture</b> Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>	<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Soner Sanioğlu</i>													
<b>15.30- 16.00</b>	<b>Discussion</b> <i>Halit Yerebakan</i>	<b>Discussion</b> <i>Halit Yerebakan</i>	<b>Discussion</b> <i>Halit Yerebakan</i>	<b>Discussion</b> <i>Soner Sanioğlu</i>													
<b>16.00-17.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>													

### CARDIOVASCULAR SURGERY - GROUP B / Week I 03- 14 Jun. 2019

	Monday 03-Jun-2019				Tuesday 04-Jun-2019				Wednesday 05-Jun-2019				Thursday 06-Jun-2019				Friday 07-Jun-2019			
<b>08.30 -12.00</b>	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4
	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency
<b>13.30-14.15</b>	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Soner Sanioğlu</i>				<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>				<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Soner Sanioğlu</i>				<b>Lecture</b> Aortic aneurysm and Aortic Dissection <i>Soner Sanioğlu</i>				<b>Lecture</b> Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>			
<b>14.30- 15.15</b>	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Soner Sanioğlu</i>				<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>				<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Soner Sanioğlu</i>				<b>Lecture</b> Heart and Great Vessels Injuries <i>Soner Sanioğlu</i>				<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</i>			
<b>15.30- 16.00</b>	<b>Discussion</b> <i>Soner Sanioğlu</i>				<b>Discussion</b> <i>Halit Yerebakan</i>				<b>Discussion</b> <i>Soner Sanioğlu</i>				<b>Discussion</b> <i>Soner Sanioğlu</i>				<b>Discussion</b> <i>Halit Yerebakan</i>			
<b>16.00-17.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>			

### GROUP B /Week II

	Monday 10-Jun-2019				Tuesday 11-Jun-2019				Thursday 13-Jun-2019				Friday 14-Jun-2019
<b>08.30 -12.00</b>	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				<b>Written and Oral Examination (09.00-12.00)</b>
	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4	
	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	Intensive care	Emergency	Surgical	OutPatient	
<b>Lecture</b> Congenital Heart Disease – Acyanotic <i>Halit Yerebakan</i>				<b>Lecture</b> Peripheric Arterial Disease <i>Halit Yerebakan</i>				<b>Lecture</b> Venous and Lymphatic System Disease <i>Soner Sanioglu</i>					
<b>13.30-14.15</b>	<b>Lecture</b> Congenital Heart Disease – Cyanotic <i>Halit Yerebakan</i>				<b>Lecture</b> Carotid occlusive Disease <i>Halit Yerebakan</i>				<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Soner Sanioglu</i>				
<b>14.30- 15.15</b>	<b>Discussion</b> <i>Halit Yerebakan</i>				<b>Discussion</b> <i>Halit Yerebakan</i>				<b>Discussion</b> <i>Soner Sanioglu</i>				
<b>15.30- 16.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				
<b>16.00-17.00</b>	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

Uğur Anıl Bingöl, MD. Assoc. Prof. (Coordinator)

## **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**

- 1.1 summarize stages of systemic response to trauma,
- 1.2. assess intervention to traumatized Patient.
- 2.0. explain theoretical knowledge in detail about wound healing, treatment options of open wounds,
- 3.0. explain types of burns, classification, diagnosis and initial interventions for treatment
- 4.0. explain fluid.electrolyte balance.
- 5.0. discuss basics of blood transfusion, hemostasis and coagulation.
- 6.0. define prophylaxis and treatment options of surgical site infections.
- 7.1. assess existing signs and symptoms of emergency Patients,
- 7.2. evaluate pre.diagnosis and differential diagnosis and treatment steps.
- 7.3. select available laboratory or imaging tests
- 8.0. explain etiopathogenesis, signs and symptoms, differential diagnosis and surgical treatment options of congenital anomalies,
- 9.1. assess signs and symptoms, differential diagnosis and treatment options of surgical diseases of breast,
- 9.2. select necessary tests for breast cancer and other mammary diseases.
- 10.0. assess signs and symptoms, differential diagnoses and surgical treatments of face and jaw diseases,
- 11.1. assess signs and symptoms, differential diagnosis and surgical treatment options of extremity diseases,
- 11.2. distinguish need for emergency surgery
- 12.0. comment on basic principles of surgical oncology and oncologic reconstruction

## **SKILLS**

- 13.0. do Physical Examination of emergency Patients,
- 14.0. do neurological examination of cranial nerves,
- 15.0. do breast examination,
- 16.0. use proper suture techniques,

## **ATTITUDES**

- 17.0. respect Patient.doctor communication and Patient privacy,
- 18.0. take history with good communication and behaving in a good manner towards Patient and Patient relatives.
- 19.0. value importance of informing Patient and Patient's relatives.
- 20.1. refer Patient to further health care centers when necessary,
- 20.2. value providing appropriate transport conditions in accordance with regulations.

## **COMPETENCIES**

- 21.0. manage open wounds in accordance with principles of wound care and dressing,
- 22.0. do basic suture up,
- 23.0. diagnose and drain simply localized abscess or hematoma.
- 24.1. distinguish and diagnose surgical diseases,
- 24.2. distinguish treatment options applicable at primary health care centers,
- 24.3. assess indications for transport of Patient to further health care centers
- 24.4. determine appropriate transport conditions.

## ASSESSMENT

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

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

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP A / 26 March- 03 April 2019**

	Tuesday 26.03.2019	Wednesday 27.03.2019	Thursday 28.03.2019	Friday 29.03.2019	Monday 01.04.2019	Tuesday 02.04.2019	Wednesday 03.04.2019
	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning
09.00-10.20	<b>Lecture</b> Scope of Plastic Surgery <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Wound Healing <i>Andaç Aykan</i>	<b>Lecture</b> Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Written Examination
10.30-12.00	<b>Lecture</b> Cosmetic Surgery <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Burn and Reconstructive Surgery <i>Andaç Aykan</i>	<b>Lecture</b> Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Oral Examination
13.00-17.00	<b>Lecture</b> Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Skin Graft and Flap <i>Andaç Aykan</i>	<b>Lecture</b> Cleft Lip and Palate <i>Andaç Aykan</i>	Independent Learning	
	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP B / 30 April – 08 May 2019**

	Tuesday 30.04.2019	Wednesday 01.05.2019	Thursday 02.05.2019	Friday 03.05.2019	Monday 06.05.2019	Tuesday 07.05.2019	Wednesday 08.05.2019
	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning
09.00 -10.20	<b>Lecture</b> Scope of Plastic Surgery <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Wound Healing <i>Andaç Aykan</i>	<b>Lecture</b> Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Written Examination
10.30-12.00	<b>Lecture</b> Cosmetic Surgery <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Burn and Reconstructive Surgery <i>Andaç Aykan</i>	<b>Lecture</b> Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Oral Examination
13.00-17.00	<b>Lecture</b> Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	<b>Lecture</b> Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	<b>Lecture</b> Skin Graft and Flap <i>Andaç Aykan</i>	<b>Lecture</b> Cleft Lip and Palate <i>Andaç Aykan</i>	Independent Learning	
	Independent Learning	Independent Learning	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**

**İrfan Yalçınkaya, MD. Prof.**

**S. Volkan Baysungur, MD. Assoc. Prof.**

**Çağatay S. Tezel, MD. Assoc. Prof.**

**Cansel A. Öztürk, MD. Assoc. Prof.**

**Hakan Kırıl, MD. Assoc. Prof.**

**Levent Alpay, MD. Assoc. 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

## ASSESSMENT

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

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

THORACIC SURGERY - Group A1							
	Tuesday 26.Mar.2019	Wednesday 27.Mar.2019	Thursday 28.Mar.2019	Friday 29.Mar.2019	Monday 01.Apr.2019	Tuesday 02.Apr.2019	Wednesday 03.Apr.2019
08.00-08.45	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" İrfan Yalçinkaya	<b>Clinical Experience</b> InPatient Aysun Kosif	<b>Clinical Skills Training</b> Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam
09.00-09.45	<b>Lecture</b> Interventional Procedures in Thoracic Surgery İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Tube thoracostomy Levent Alpay	
10.00-10.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical Çağatay Tezel	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room Hakan Kiral	<b>Clinical Experience</b> Surgical Levent Alpay	
11.00-11.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy Levent Alpay	
12.00-13.00	<b>Lunch</b>						
13.00-13.40	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Öztürk	<b>Lecture</b> Radiological Evaluation in Thoracic Surgery Çağatay Tezel	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Cansel Öztürk	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Independent Learning</b> Preparation for the Exam	<b>Written Exam</b>
13.50-14.30	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	<b>Lecture</b> Hemoptysis Hakan Kiral	<b>Lecture</b> Thoracic Trauma I Hakan Kiral	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	<b>Oral Exam</b>
14.40-15.20	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Cansel Öztürk	<b>Lecture</b> Thoracic Trauma II Hakan Kiral	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Çağatay Tezel	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	
15.30-16.10	<b>Lecture</b> Surgical Pathologies of Trachea and their Treatment Sina Ercan	<b>Lecture</b> Esophageal Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	

THORACIC SURGERY - Group A2							
	Thursday 04.Apr.2019	Friday 05.Apr.2019	Monday 08.Apr.2019	Tuesday 09.Apr.2019	Wednesday 10.Apr.2019	Thursday 11.Apr.2019	Friday 12.Apr.2019
08.00-08.45	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" İrfan Yalçınkaya	<b>Clinical Experience</b> InPatient Aysun Kosif	<b>Clinical Skills Training</b> Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kırıl	<b>Clinical Experience</b> Surgical Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam
09.00-09.45	<b>Lecture</b> Interventional Procedures in Thoracic Surgery İrfan Yalçınkaya	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kırıl	<b>Clinical Experience</b> Surgical Tube thoracostomy Levent Alpay	
10.00-10.45	<b>Case Presentation (Faculty)</b> İrfan Yalçınkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical Çağatay Tezel	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room Hakan Kırıl	<b>Clinical Experience</b> Surgical Levent Alpay	
11.00-11.45	<b>Case Presentation (Faculty)</b> İrfan Yalçınkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy Levent Alpay	
12.00-13.00	<b>Lunch</b>						
13.00-13.40	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Öztürk	<b>Lecture</b> Radiological Evaluation in Thoracic Surgery Çağatay Tezel	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Cansel Öztürk	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Independent Learning</b> Preparation for the Exam	<b>Written Exam</b>
13.50-14.30	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	<b>Lecture</b> Hemoptysis Hakan Kırıl	<b>Lecture</b> Thoracic Trauma I Hakan Kırıl	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	<b>Oral Exam</b>
14.40-15.20	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Cansel Öztürk	<b>Lecture</b> Thoracic Trauma II Hakan Kırıl	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Çağatay Tezel	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment İrfan Yalçınkaya	<b>Independent Learning</b> Preparation for the Exam	
15.30-16.10	<b>Lecture</b> Surgical Pathologies of Trachea and their Treatment Sina Ercan	<b>Lecture</b> Esophageal Diseases and Surgical Treatment İrfan Yalçınkaya	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	

THORACIC SURGERY - Group B1							
	Tuesday 30.Apr.2019	Wednesday 01.May.2019	Thursday 02.May.2019	Friday 03.May.2019	Monday 06.May.2019	Tuesday 07.May.2019	Wednesday 08.May.2019
08.00-08.45	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" İrfan Yalçinkaya	<b>Clinical Experience</b> InPatient Aysun Kosif	<b>Clinical Skills Training</b> Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam
09.00-09.45	<b>Lecture</b> Interventional Procedures in Thoracic Surgery İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Tube thoracostomy Levent Alpay	
10.00-10.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical Çağatay Tezel	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room Hakan Kiral	<b>Clinical Experience</b> Surgical Levent Alpay	
11.00-11.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy Levent Alpay	
12.00-13.00	<b>Lunch</b>						
13.00-13.40	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Öztürk	<b>Lecture</b> Radiological Evaluation in Thoracic Surgery Çağatay Tezel	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Cansel Öztürk	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Independent Learning</b> Preparation for the Exam	<b>Written Exam</b>
13.50-14.30	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	<b>Lecture</b> Hemoptysis Hakan Kiral	<b>Lecture</b> Thoracic Trauma I Hakan Kiral	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	<b>Oral Exam</b>
14.40-15.20	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Cansel Öztürk	<b>Lecture</b> Thoracic Trauma II Hakan Kiral	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Çağatay Tezel	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	
15.30-16.10	<b>Lecture</b> Surgical Pathologies of Trachea and their Treatment Sina Ercan	<b>Lecture</b> Esophageal Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	

THORACIC SURGERY - Group B2							
	Thursday 09.May.2019	Friday 10.May.2019	Monday 13.May.2019	Tuesday 14.May.2019	Wednesday 15.May.2019	Thursday 16.May.2019	Friday 17.May.2019
08.00-08.45	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" İrfan Yalçinkaya	<b>Clinical Experience</b> InPatient Aysun Kosif	<b>Clinical Skills Training</b> Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam
09.00-09.45	<b>Lecture</b> Interventional Procedures in Thoracic Surgery İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Çağatay Tezel	<b>Clinical Experience</b> InPatient Cansel Öztürk	<b>Clinical Experience</b> Surgical Intensive care unit Hakan Kiral	<b>Clinical Experience</b> Surgical Tube thoracostomy Levent Alpay	
10.00-10.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical Çağatay Tezel	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room Hakan Kiral	<b>Clinical Experience</b> Surgical Levent Alpay	
11.00-11.45	<b>Case Presentation (Faculty)</b> İrfan Yalçinkaya	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Case Presentation (Faculty)</b> Cansel Öztürk	<b>Clinical Experience</b> Surgical Operating room R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy Levent Alpay	
12.00-13.00	<b>Lunch</b>						
13.00-13.40	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Öztürk	<b>Lecture</b> Radiological Evaluation in Thoracic Surgery Çağatay Tezel	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Cansel Öztürk	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Independent Learning</b> Preparation for the Exam	<b>Written Exam</b>
13.50-14.30	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	<b>Lecture</b> Hemoptysis Hakan Kiral	<b>Lecture</b> Thoracic Trauma I Hakan Kiral	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	<b>Oral Exam</b>
14.40-15.20	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Cansel Öztürk	<b>Lecture</b> Thoracic Trauma II Hakan Kiral	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Çağatay Tezel	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	
15.30-16.10	<b>Lecture</b> Surgical Pathologies of Trachea and their Treatment Sina Ercan	<b>Lecture</b> Esophageal Diseases and Surgical Treatment İrfan Yalçinkaya	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**CLINICAL ETHICS**

**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

**Elif Vatanođlu Lutz, MD. Assoc. Prof.**

# **AIM AND LEARNING OBJECTIVES OF CLINICAL ETHICS**

## **AIM**

*Aim of this clerkship is to;*

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

## **LEARNING OBJECTIVES**

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

### **KNOWLEDGE**

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

### **SKILLS**

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

### **ATTITUDES**

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

**COMPETENCIES**

27.0. use effective communication and conflict resolution skills being sensitive to value problems in relationship with Patient

28.0. conduct a team work when necessary for dealing with pressure and anxiety arising from dying Patient and relatives

29.0. make a multidisciplinary team work on organ donations by implementing a sensitive policy about organ donations and related value conflicts and ethical dilemmas

## ASSESSMENT

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

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

### CLINICAL ETHICS Group B / 26-30 Nov 2018

	<b>Monday 26.Nov.2018</b>	<b>Tuesday 27.Nov.2018</b>	<b>Wednesday 28.Nov.2018</b>	<b>Thursday 29.Nov.2018</b>	<b>Friday 30.Dec.2018</b>
<b>09.00-09.50</b>	<b>Introductory Session</b> (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> Preparation for Student Presentations	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	Collecting the papers  <b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>
<b>10.00-10.50</b>	Repeating Physician.Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> Preparation for Student Presentations		<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	
<b>11.00-11.50</b>	Application of Medical Ethics Principles to Different Physician.Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> Preparation for Student Presentations			
<b>12.00-12.50</b>	<b>Lunch</b>				
<b>13.00-13.50</b>	Explaining the Interdisciplinary Approach Between Medical Law and Medical Ethics <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> Preparation for Student Presentations	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	
<b>14.00-14.50</b>	Explaining the General Perspective of Medical law Legislations in Turkey <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>15.00- 15.50</b>	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey I <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>17.00-17:50</b>					

### CLINICAL ETHICS Group A / 18-22 Feb. 2019

	<b>Monday 18.Feb.2019</b>	<b>Tuesday 19.Feb.2019</b>	<b>Wednesday 20.Feb.2019</b>	<b>Thursday 21.Feb.2019</b>	<b>Friday 22.Feb.2019</b>
<b>09.00-09.50</b>	<b>Introductory Session</b> (Introduction to the general medical ethics principles) <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	Collecting the papers <b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>
<b>10.00-10.50</b>	Repeating Physician Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations		<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	
<b>11.00-11.50</b>	Application of Medical Ethics Principles to Different Physician Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations			
<b>12.00-12.50</b>	<b>Lunch</b>				
<b>13.00-13.50</b>	Explaining the Interdisciplinary Approach Between Medical Law and Medical Ethics <i>Elif Vatanoğlu Lutz</i>	<i>Independent Learning Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>	
<b>14.00-14.50</b>	Explaining the General Perspective of Medical Law Legislations in Turkey <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>15.00- 15.50</b>	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey I <i>Elif Vatanoğlu Lutz</i>	<b>Independent Learning</b> <i>Preparation for Student Presentations</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>16.00-16.50</b>	<b>Independent Learning</b>		<b>Lecture and Discussion (large group)</b> Student Presentations <i>Elif Vatanoğlu Lutz</i>		
<b>17.00-17:50</b>					

**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 Assoc. Prof.  
Hale Arık Taşyikan, MD Assist. Prof.**

## **AIM AND LEARNING OBJECTIVES OF EVIDENCE-BASED MEDICINE**

### **AIM**

Aim of this clerkship is to;

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

### **LEARNING OBJECTIVES**

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

- 1.0. define
  - 1.1. the steps to evidence based medicine
  - 1.2. a clinical question in 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.*

<b>Question Types (Pencil.Paper Tests)</b>	<b>Proportion (in Pencil.Paper Tests)</b>
Multiple Choice Questions	80%
Short Response Essay Questions	20%
<b>Total</b>	<b>100%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Evaluation of EBM homework (with a checklist)	50%
Evaluation of group presentations and discussions (with a checklist)	40%
Participation to sessions	10%
<b>Total</b>	<b>100 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil.Paper Tests	40%
Other Assessments Methods and Tools	60%
<b>Total</b>	<b>100%</b>

**PUBLIC HEALTH (EVIDENCE BASED MEDICINE) Group B / 19-23 Nov. 2018**

	<b>Monday 19.Nov.2018</b>	<b>Tuesday 20.Nov.2018</b>	<b>Wednesday 21.Nov.2018</b>	<b>Thursday 22.Nov.2018</b>	<b>Friday 23.Nov.2017</b>		
<b>09.00-09.50</b>	<b>Introductory Session</b> Introduction to EBM <i>Recep Erol Sezer</i>	<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Lecture</b> Epidemiologic Research Types and Basic Concepts II <i>Hale Arık Taşyikan</i>	<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Revision of the EBM homework (if required)</b>  <b>Evaluation of the EBM homework</b>		
<b>10.00-10.50</b>		<b>Lecture</b> Epidemiologic Research Types and Basic Concepts I <i>Hale Arık Taşyikan</i>		<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>		<b>Discussion (Small Group)</b> Evaluation of diagnostic tests <i>Özlem Tanrıöver</i>	
<b>11.00-11.50</b>			<b>Lecture</b> Confounding factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>				
<b>12.00-1300</b>	<b>Lunch time</b>						
<b>13.00-14.00</b>	<b>Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for EBM homework:</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for EBM homework:</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for, and submission of the EBM homework (latest:14.00)</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Revision of the EBM homework (if required)</b>  <b>Evaluation of the EBM homework</b>		
<b>14.00-14.50</b>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>The facilitator's feedback to the student on the EBM homework</b>  <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Written final exam</b>		
<b>15.00-15.50</b>							
<b>16.00-16.50</b>							
<b>17.00-17.50</b>					<b>Program Evaluation Session</b> Discussion of Exam, Evaluation of EBM Clerkship <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>		

**PUBLIC HEALTH (EVIDENCE BASED MEDICINE) Group A / 18-22 Feb. 2019**

	<b>Monday 18.Feb.2019</b>	<b>Tuesday 19.Feb.2019</b>	<b>Wednesday 20.Feb.2019</b>	<b>Thursday 21.Feb.2019</b>	<b>Friday 22.Feb.2019</b>
<b>09.00-09.50</b>	<b>Introductory Session</b> Introduction to EBM <i>Recep Erol Sezer</i>	<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Lecture</b> Epidemiologic Research Types and Basic Concepts II <i>Hale Arık Taşyikan</i>	<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Revision of the EBM homework (if required)</b>  <b>Evaluation of the EBM homework</b>
<b>10.00-10.50</b>		<b>Lecture</b> Epidemiologic Research Types and Basic Concepts I <i>Hale Arık Taşyikan</i>	<b>Discussion (Large Group)</b> An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Discussion (Small Group)</b> Evaluation of diagnostic tests <i>Özlem Tanrıöver</i>	
<b>11.00-11.50</b>		<b>Lecture</b> Confounding factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	<b>Lunch time</b>		
<b>12.00-13.00</b>	<b>Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for EBM homework:</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for EBM homework:</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Preparation for, and submission of the EBM homework (latest:14.00)</b>  <b>Facilitators:</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Revision of the EBM homework (if required)</b>  <b>Evaluation of the EBM homework</b>
<b>14.00-14.50</b>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Structured group presentations and discussions</b>  <b>Facilitators</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>The facilitator's feedback to the student on the EBM homework</b> <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	<b>Written final exam</b>
<b>15.00-15.50</b>					<b>Program Evaluation Session</b> Discussion of Exam, Evaluation of EBM Clerkship <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>
<b>16.00-16.50</b>					
<b>17.00-17.50</b>					

**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.**

**Barış Murat Ayvaci, MD, Assist. Prof.**

**Mustafa Yazıcıoğlu, MD, Assist. Prof.**

**Cem Şimşek, MD, Assist. Prof.**

**Emin Gökhan Gencer, MD, Assist. Prof.**

**Deniz Gürsoy, MD, Emergency Med. Specialist**

**Merve Ekşioğlu, 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

## ASSESSMENT

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

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

**EMERGENCY MEDICINE PROGRAM  
GROUP A / Week I (15.04.2019-26.04.2019)**

	<b>Monday 15-Apr-2019</b>	<b>Tuesday 16-Apr-2019</b>	<b>Wednesday 17-Apr-2019</b>	<b>Thursday 18-Apr-2019</b>	<b>Friday 19-Apr-2019</b>
<b>08.30- 09.00</b>	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
<b>09.00-12.00</b>	Airway Management <b>Bariş Murat Ayvaci</b> Approach to Chest Pain And Dispnea <b>Emin Gökhan Gencer</b>	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>12.00- 12.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>12.30-16.00</b>	Management of ACS <b>Mustafa Yazıcıoğlu</b> Disaster Preparedness <b>Mustafa Ferudun Çelikmen</b> ECG (Case Based) <b>Cem Şimşek</b>	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>16.00-17.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**EMERGENCY DEPARTMENT  
GROUP A / Week II**

	<b>Monday 22-Apr-2019</b>	<b>Tuesday 23-Apr-2019</b>	<b>Wednesday 24-Apr-2019</b>	<b>Thursday 25-Apr-2019</b>	<b>Friday 26-Apr-2019</b>
<b>08.30- 09.00</b>	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
<b>09.00-12.00</b>	ACLS/PALS Pinar Tura Approach to Trauma Patient Merve Ekşioğlu	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>12.00- 12.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>12.30-16.00</b>	Transfusion Principles Deniz Gürsoy Stroke Sezgin Sarıkaya	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Written Examination
<b>16.00-17.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**EMERGENCY MEDICINE PROGRAM  
GROUP B / Week I (20.05.2019-31.05.2019)**

	<b>Monday 20-May-2019</b>	<b>Tuesday 21-May-2019</b>	<b>Wednesday 22-May-2019</b>	<b>Thursday 23-May-2019</b>	<b>Friday 24-May-2019</b>
<b>08.30- 09.00</b>	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
<b>09.00-12.00</b>	Airway Management <b>Bariş Murat Ayvaci</b> Approach to Chest Pain And Dispnea <b>Emin Gökhan Gencer</b>	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>12.00- 12.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>12.30-16.00</b>	Management of ACS <b>Mustafa Yazıcıoğlu</b> Disaster Preparedness <b>Mustafa Ferudun Çelikmen</b> ECG (Case Based) <b>Cem Şimşek</b>	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>16.00-17.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**EMERGENCY MEDICINE PROGRAM  
GROUP B / Week II**

	<b>Monday 27-May-2019</b>	<b>Tuesday 28-May-2019</b>	<b>Wednesday 29-May-2019</b>	<b>Thursday 30-May-2019</b>	<b>Friday 31-May-2019</b>
<b>08.30- 09.00</b>	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
<b>09.00-12.00</b>	ACLS/PALS Pinar Tura Approach to Trauma Patient Merve Ekşioğlu	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
<b>12.00- 12.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>12.30-16.00</b>	Transfusion Principles Deniz Gürsoy Stroke Sezgin Sarıkaya	Clinical Experience (Outpatient)	Student Presentations	Clinical Experience (Outpatient)	Written Examination
<b>16.00-17.50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**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) Help students in career planning
- ƒ) Contribute to students adapting the habit of lifelong learning
- f) Guide students to counseling services of the university
- h) Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, physician awareness are concerned
- i) Contribute to cultivation of professional and intellectual development in a rapidly changing world
- j) Acknowledge the coordinator when there are unsolved problems of the students

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

## 2018 - 2019 PHASE IV LIST OF STUDENT COUNSELING

	NO	NAME	SURNAME	COUNCELOR
1	20140800012	DAMLA	ACAR	PROF. DR. GÜLÇİN KANTARCI
2	20150800101	DUYGU	AÇIKTEPE	PROF. DR. GÜLÇİN KANTARCI
3	20170800112	SALİME NUR	AFŞAR	PROF. DR. GÜLÇİN KANTARCI
4	20140800002	BERFİN ECE	AKBULUT	PROF. DR. RUKSET ATTAR
5	20150800032	UMUT DENİZ	AKDAĞ	PROF. DR. RUKSET ATTAR
6	20140800054	CEYDA	AKDİ	PROF. DR. RUKSET ATTAR
7	20150800078	İLAYDA	AKPINAR	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
8	20150800013	DEFNE	AKSOY	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
9	20180800019	RUMEYSA	ALTINKAYNAK	DR. ÖĞR. ÜYESİ CEM ŞİMŞEK
10	20140800043	DILAN	ASLAN	DR. ÖĞR. ÜYESİ MUSTAFA YAZICIOĞLU
11	20180800021	ÇAĞDAŞ	ATAOĞLU	DR. ÖĞR. ÜYESİ MUSTAFA YAZICIOĞLU
12	20140800078	EZGİ	ATEŞ	DR. ÖĞR. ÜYESİ MUSTAFA YAZICIOĞLU
13	20150800049	YASİN FIRAT	AYDOĞAN	PROF. DR. HATİCE TÜRE
14	20150800029	BERKAY	AYGÜN	PROF. DR. HATİCE TÜRE
15	20150800091	İBRAHİM	AZİMLİ	PROF. DR. HATİCE TÜRE
16	20150800051	MEHMET DENİZ	BAKAN	DR. ÖĞR. ÜYESİ VOLKAN HARPUT
17	20150800105	BEGÜM	BALCI	DR. ÖĞR. ÜYESİ VOLKAN HARPUT
18	20140800044	İLGİN	BARUT	DR. ÖĞR. ÜYESİ VOLKAN HARPUT
19	20140800062	MERVE SELİN	BAYKAN	DOÇ. DR. BELMA HALİLOĞLU
20	20150800090	CEMAL BARTU	BEKTAŞ	DOÇ. DR. BELMA HALİLOĞLU
21	20140800006	ECE	BİÇAKÇI	DOÇ. DR. BELMA HALİLOĞLU
22	20150800015	BİRSU	BİLGİNOĞLU	DR. ÖĞR. ÜYESİ VOLKAN KAAN YALTIRIK
23	20150800040	BUĞRA BERKAN	BİNGÖL	DR. ÖĞR. ÜYESİ VOLKAN KAAN YALTIRIK
24	20150800076	NİLSU	BOYACIOĞLU	DR. ÖĞR. ÜYESİ VOLKAN KAAN YALTIRIK
25	20140800021	METE	CEVAHİR	DR. ÖĞR. ÜYESİ MIRKHALIG JAVADOV
26	20150800084	ÇAĞKAN	CEYRAN	DR. ÖĞR. ÜYESİ MIRKHALIG JAVADOV
27	20150800077	İREM	COŞKUN	DR. ÖĞR. ÜYESİ MIRKHALIG JAVADOV
28	20150800052	MUSTAFA	ÇAĞAN	DR. ÖĞR. ÜYESİ İLKE BAHÇECİ ŞİMŞEK
29	20140800048	ŞEYMA	ÇALIK	DR. ÖĞR. ÜYESİ İLKE BAHÇECİ ŞİMŞEK
30	20150800023	SARPER	ÇALIŞKAN	DR. ÖĞR. ÜYESİ İLKE BAHÇECİ ŞİMŞEK
31	20150800002	ÖZGÜN RÜZGAR	ÇATAL	DR. ÖĞR. ÜYESİ BELMA HALİLOĞLU
32	20150800044	YİĞİTCAN	ÇELİK	DR. ÖĞR. ÜYESİ BELMA HALİLOĞLU
33	20180800015	ZEYNEP	ÇETİN	DR. ÖĞR. ÜYESİ BELMA HALİLOĞLU
34	20180800014	BATUHAN	ÇETİNKAYA	DR. ÖĞR. ÜYESİ UĞUR ERSOY
35	20150800071	HÜMEYRA	ÇOLAK	DR. ÖĞR. ÜYESİ UĞUR ERSOY
36	20150800109	BAŞAK YAĞMUR	ÇUBUKÇU	DR. ÖĞR. ÜYESİ UĞUR ERSOY
37	20150800046	ATIL	DALGIÇOĞLU	DR. ÖĞR. ÜYESİ A. ONUR KOCADAL
38	20150800099	DIALA	DIAB	DR. ÖĞR. ÜYESİ A. ONUR KOCADAL
39	20140800052	SERTAÇ	DOĞAN	DR. ÖĞR. ÜYESİ A. ONUR KOCADAL
40	20150800082	MERT	DOLAŞTIR	DOÇ. DR. KARTAL EMRE ASLANGER
41	20180800018	OZAN BERKE	DÜNDAR	DOÇ. DR. KARTAL EMRE ASLANGER
42	20150800059	SEVDE	EGE	DOÇ. DR. KARTAL EMRE ASLANGER
43	20140800057	ALEYNA	EKŞİ	DR. ÖĞR. ÜYESİ EMRE DEMİRCİ
44	20150800030	MERT	ENBİYAĞLU	DR. ÖĞR. ÜYESİ EMRE DEMİRCİ
45	20150800058	İREMİNUR	ERBAŞ	DR. ÖĞR. ÜYESİ EMRE DEMİRCİ
46	20150800038	RABİA	ERGÜN	DR. ÖĞR. ÜYESİ EMİN GÖKHAN GENÇER
47	20180800022	ADNAN	EZİCİ	DR. ÖĞR. ÜYESİ EMİN GÖKHAN GENÇER
48	20180800012	AYLİN	GEDİK	DR. ÖĞR. ÜYESİ EMİN GÖKHAN GENÇER
49	20140800032	EYLÜL ECE	GÖĞEBAKAN	DR. ÖĞR. ÜYESİ BURAK HÜNÜK
50	20140800065	BENGÜL	GÖLGE	DR. ÖĞR. ÜYESİ BURAK HÜNÜK
51	20140800026	BATUHAN	GÜLER	DR. ÖĞR. ÜYESİ BURAK HÜNÜK
52	20150800020	EDİS	HACILAR	PROF. DR. OKAN KUZHAN
53	20150800014	SENA ECE	İLGİN	PROF. DR. OKAN KUZHAN
54	20140800040	OĞUZ METE	İŞLEK	PROF. DR. OKAN KUZHAN
55	20150800048	SEREL	KABASAKAL	DR. ÖĞR. ÜYESİ OYA ALAGÖZ
56	20140800029	ELİF EZEL	KADİROĞLU	DR. ÖĞR. ÜYESİ OYA ALAGÖZ
57	20150800026	MURAT	KAMILOĞLU	DR. ÖĞR. ÜYESİ OYA ALAGÖZ
58	20140800055	GÖKÇE ŞUBAT	KARAASLAN	DR. ÖĞR. ÜYE. KENAN ABDURRAHMAN KARA
59	20150800006	EMRE	KARAMAHMUTOĞLU	DR. ÖĞR. ÜYE. KENAN ABDURRAHMAN KARA
60	20140800066	BİRCAN	KASAP	DR. ÖĞR. ÜYE. KENAN ABDURRAHMAN KARA
61	20140800011	EMİNE BÜŞRA	KITLIK	PROF. DR. GAZİ YILDIRIM
62	20150800092	TUBA	KOCA	PROF. DR. GAZİ YILDIRIM

63	20150800011	AYŞE GİZEM	KOÇ	PROF. DR. GAZİ YILDIRIM
64	20150800041	KORHAN	KÖKÇE	PROF. DR. ÖZCAN GÖKÇE
65	20150800043	EYLÜL	KÜÇÜK	PROF. DR. ÖZCAN GÖKÇE
66	20140800047	CEMİLE	MİÇOOĞULLARI	PROF. DR. ÖZCAN GÖKÇE
67	20150800073	MUSTAFA OĞULCAN	NADAR	DOÇ. DR. OLCAY ÖZVEREN
68	20180800122	AINUR	NAHİİEVA	DOÇ. DR. OLCAY ÖZVEREN
69	20140800003	BERFİN	NARİN	DOÇ. DR. OLCAY ÖZVEREN
70	20110800071	USAMA SULEİMAN	NASSOR	DOÇ. DR. NESLİHAN TAŞDELEN
71	20180800023	LEEN	NESNAS	PROF. DR. MERAL SÖNMEZOĞLU
72	20140800005	IRMAK SEDA	ORUÇ	PROF. DR. MERAL SÖNMEZOĞLU
73	20150800066	MEMDUH	ÖZKAYA	PROF. DR. MERAL SÖNMEZOĞLU
74	20130800047	ÖZKAN	ÖZTÜRK	DOÇ. DR. BANU MUSAFFA SALEBCİ
75	20150800086	RAHİM	RAHİMLİ	DOÇ. DR. BANU MUSAFFA SALEBCİ
76	20150800088	ABDULA	SALAR	PROF. DR. MUZAFFER DEĞERTEKİN
77	20160800103	MELİS	SALMAN	PROF. DR. MUZAFFER DEĞERTEKİN
78	20150800047	CEVDET	SAN	PROF. DR. MUZAFFER DEĞERTEKİN
79	20180800028	EMİR	SARAÇOĞLU	DOÇ. DR. HASAN ATİLLA ÖZKAN
80	20150800087	İSMET TAHSİN	SATIRLI	DOÇ. DR. HASAN ATİLLA ÖZKAN
81	20140800010	BERK	SERBEST	DOÇ. DR. HASAN ATİLLA ÖZKAN
82	20120800035	MUHAMMET SAİT	SEVİNDİK	DOÇ. DR. AHMET ÇAĞRI BÜKE
83	20140800037	CEMRE	ŞAHİN	DOÇ. DR. AHMET ÇAĞRI BÜKE
84	20140800028	YASMİNE	TEMUÇİN	PROF. DR. FİLİZ BAKAR
85	20150800080	REYDA	TIRPAN	PROF. DR. FİLİZ BAKAR
86	20150800031	ÖZDEN	TÖMEK	PROF. DR. FİLİZ BAKAR
87	20150800003	ONUR	TUNCER	DOÇ. DR. MELTEM UĞRAŞ
88	20150800033	YUSUF ÇAĞIN	TUNÇDEMİR	DOÇ. DR. MELTEM UĞRAŞ
89	20150800070	SU	ÜNSAL	DOÇ. DR. MELTEM UĞRAŞ
90	20150800022	DOĞANCAN	ÜRETÜRK	PROF. DR. HÜLYA ERCAN SARIÇOBAN
91	20150800102	EZGİ	ÜŞÜMÜŞ	PROF. DR. HÜLYA ERCAN SARIÇOBAN
92	20150800079	ALP	YAKUT	PROF. DR. HÜLYA ERCAN SARIÇOBAN
93	20140800051	NEZİHE	YANMAZ	PROF. DR. YAŞAR KÜÇÜKARDALI
94	20140800042	AYBERK	YENİKALE	PROF. DR. YAŞAR KÜÇÜKARDALI
95	20150800083	DİLARA	YETİŞ	PROF. DR. YAŞAR KÜÇÜKARDALI
96	20140800060	BUSE	YILDIRIM	PROF. DR. SEZGİN SARIKAYA
97	20150800027	RONA	YILDIRIM	PROF. DR. SEZGİN SARIKAYA
98	20130800055	GÖKBERK	YILDIZ	PROF. DR. SEZGİN SARIKAYA
99	20180800027	DENİZ	YILDIZ	DOÇ. DR. MELTEM ERGÜN
100	20140800061	GİZEM AYNUR	YILMAZ	DOÇ. DR. MELTEM ERGÜN
101	20150800025	GÖKSU	YILMAZ	DOÇ. DR. MELTEM ERGÜN

## Contact

---

**Faculty Secretary :**

Tel: +90 216 578 00 00 (3005)

**Dean Secretary:**

Tel: +90 216 578 05 05 – 06

Fax: +90 216 578 05 75

**Student Affairs :**

Tel: 0216 578 06 86

**Documents Affairs:**

Tel: 0216 578 05 93

**Coordinator/ Co.coordinator:**

Gazi YILDIRIM MD, Assoc. Prof. (Coordinator) 216 578 40 00 (4831) / [gaziyildirim@yeditepe.edu.tr](mailto:gaziyildirim@yeditepe.edu.tr)

Müge BIÇAKÇIGİL MD, Assoc. Prof. (Co.coordinator) 216 467 88 63 (6109) / [mbicakcigil@yeditepe.edu.tr](mailto:mbicakcigil@yeditepe.edu.tr)

Hülya SARIÇOBAN, Assoc. Prof. (Co.coordinator) 216 578 40 00 (4101) / [hulya.saricoban@yeditepe.edu.tr](mailto:hulya.saricoban@yeditepe.edu.tr)

M. Ferudun ÇELİKMEN MD, Assist. Prof. (Co.coordinator) 216 578 40 00 (5060) / [f.kucukmen@yeditepe.edu.tr](mailto:f.kucukmen@yeditepe.edu.tr)

**Address:**

Yeditepe University Faculty of Medicine  
İnönü Mah. Kayışdağı Caddesi,  
26 Ağustos Yerleşimi,

34755 Ataşehir, İstanbul

**Web:** [www.yeditepe.edu.tr](http://www.yeditepe.edu.tr)

<http://www.yeditepe.edu.tr/fakulteler/tip.fakultesi>

**e-mail:** [tipfakdek@yeditepe.edu.tr](mailto:tipfakdek@yeditepe.edu.tr)



YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE

İnönü Mah.Kayışdağı Cad. 26 Ağustos Yerleşimi

34755 Ataşehir / İstanbul

Tel: (+90 216) 578 00 00

[www.yeditepe.edu.tr](http://www.yeditepe.edu.tr)

<http://www.yeditepe.edu.tr/fakulteler/tip.fakultesi>

[TIPE.P.01-B.B.01 Rev 5. 03.12.2018](#)