

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

Student's;

Name :.....

Nr :.....

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

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

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AIM

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

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

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION *, **

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

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

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

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

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

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

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

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

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

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

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

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

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

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

POD.1.2. Competencies Related to Communication

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

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

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

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

POD.1.3. Competencies Related to Leadership and Management

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

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

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

POD.1.4. Competencies Related to Health Advocacy

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

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

POD.1.5. Competencies Related to Research

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

POD.1.6. Competencies Related to Health Education and Counseling

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

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies Related to Law and Legal Regulations

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

POD.2.2. Competencies Related to Ethical Aspects of Medicine

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

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

POD.2.3. Competencies Related to Social and Behavioral Sciences

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

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

POD.2.4. Competencies Related to Social Awareness and Participation

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

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

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

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

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

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

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

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

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

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

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

POD.3.2. Competencies Related to Career Management

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

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

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

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

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

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

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

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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**)

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PHASE IV

DESCRIPTION OF PHASE IV

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

PHASE CONTENT

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

EXECUTIVES OF ACADEMIC YEAR

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

AIM AND OBJECTIVES OF PHASE IV

AIM

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

LEARNING OBJECTIVES

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

KNOWLEDGE

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	
<p>INTERNAL MEDICINE (10 WEEKS) 10.09.2018 - 16.11.2018 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL</p>	
<p>CARDIOLOGY (2 WEEKS) 19.11.2018 - 30.11.2018 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p>	
<p>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)</p>	
PUBLIC HEALTH (1 WEEK) 11.02.2019 - 15.02.2019 CAMPUS	
CLINICAL ETHICS (1 WEEK) 18.02.2019 - 22.02.2019 CAMPUS	
<p>GENERAL SURGERY (4 WEEKS) 25.02.2019 - 25.03.2019 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</p>	
<p>THORACIC SURGERY (1,5 WEEK) 26.03.2019 - 03.04.2019 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p>	<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 26.03.2019 - 03.04.2019 YEDİTEPE UNIVERSITY HOSPITAL</p>
<p>PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 04.04.2019-12.04.2019 YEDİTEPE UNIVERSITY HOSPITAL</p>	<p>THORACIC SURGERY (1,5 WEEK) 04.04.2019-12.04.2019 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p>
<p>EMERGENCY MEDICINE (2 WEEKS) 15.04.2019 – 26.04.2019 YEDİTEPE UNIVERSITY HOSPITAL</p>	
<p>CARDIOVASCULAR SURGERY (2 WEEKS) 29.04.2019 - 10.05.2019 PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL</p>	
<p>OBSTETRICS AND GYNECOLOGY (5 WEEKS) 13.05.2019 - 14.06.2019 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</p>	

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**

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

2018- 2019 PHASE IV GROUP A			
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	ILGIN	BARUT
19	20140800062	MERVE SELİN	BAYKAN
20	20150800090	CEMAL BARTU	BEKTAŞ
21	20140800006	ECE	BIÇAKÇI
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			

2018- 2019 PHASE IV GROUP 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	NAHİİEVA
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
GROUP B REPRESENTATIVE: EYLÜL KÜÇÜK			

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

RECOMMENDED TEXTBOOKS FOR PHASE IV

DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
INTERNAL MEDICINE	<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 & 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"> o www.uptodate.com, o http://bestpractice.bmj.com/best-practice/evidence o http://www.medicinenet.com/script/main/hp.asp o www.accessmedicine.com 		
CHILD HEALTH & PEDIATRICS	Nelson Textbook of Pediatrics	Robert M. Kliegman, MD, Bonita M.D. Stanton, MD, Joseph St. Geme, Nina Schor, MD, PhD and Richard E. Behrman, MD	Saunders, 2011
	CURRENT Diagnosis Treatment:	(William W. Hay Jr, Myron J. Levin, Robin R. Deterding, Mark J. Abzug, Judith M. Sondheimer)	Lange
GENERAL SURGERY	Schwartz's Principles of Surgery, 10th edition		
	Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 19th edition		
OBSTETRICS & GYNECOLOGY	Current Obstetrics and Gynecology, Elsevier Publishing 2015		

CARDIOVASCULAR SURGERY	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
CARDIOLOGY	Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 2-Volume Set, 10th Edition Marriott's Practical Electrocardiography		
THORASIC SURGERY	Thoracic Surgery, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akin Eraslan, Nobel Tıp Kitapevleri, ISBN:978-605-335-122-1		
PLASTIC RECONSTRUCTIVE & AESTHETIC SURGERY	Grabb and Smith's Plastic Surgery	Charles H. Thorne MD., et al	LWW
CLINICAL ETHICS	Jacques P. Thiroux , Keith W. Krasemann, Ethics: Theory and Practice, Pearson Publishing House, 2011, ISBN: 978-0205053148		
	Barbara MacKinnon, Ethics: Theory and Contemporary Issues , Wadsworth Publishing, 2011, ISBN: 0538452838		
	Bonnie F. Fremgen, Medical Law and Ethics , Prentice Hall Publishing House, 2011, ISBN: 0132559226		
PUBLIC HEALTH	Straus SE, Glasziou P, Richardson WS, Haynes RB. Evidence-based medicine: how to practice and teach it. Fourth Edition 2011. Churchill Livingstone Elsevier.		
	Glasziou P, Del Mar C, Salisbury J. Evidence-based Practice Workbook. BMJ Books, Blackwell Publishing,		
	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
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PHASE IV

ASSESSMENT PROCEDURES

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

Assessment Approaches	Assessment Methods	Question Types / Assessment Tools
Knowledge-based Assessment	WE: Written Examination* (Pencil-Paper Tests)	MCQ: Multiple Choice Questions
		EMQ: Extended Matching Questions
		KF: Key Features
		EQ: Essay Questions
		MEQ: Modified Essay Questions
	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.

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

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			Introductory Session Introduction to Clerkship Program, and Diagnostic Assessment <i>Meral Sönmezoğlu</i> <i>Serdar Özdemir</i> Hall: Koşuyolu Hospital Conference Hall	Lecture Understanding Others <i>Oğuzhan. Zahmacioğlu</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> Hall: Koşuyolu Hospital Conference Hall	Panel 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> Hall: Koşuyolu Hospital Conference Hall
10.00-10.45			Lecture Quality Improvement and International Patient Safety <i>Meral Sönmezoğlu</i>	Movie Session Commentary Writing <i>Oğuzhan. Zahmacioğlu</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i> Hall: Koşuyolu Hospital Conference Hall	
11.00-11.30			Lecture Infection Control Program <i>Meral Sönmezoğlu</i>		Reflection Session Explanation of the Learning Project and the Post-test <i>Naz Berfu Akbaş</i> <i>Tuğhan Utku</i> <i>Serdar Özdemir</i>
11.30-12.00			Lecture Drug Safety <i>Gökhan Bilgin</i>		
12.00-13.00					
13.00-13.45			Lecture Emergency Management <i>Sezgin Sarıkaya</i> Hall: Koşuyolu Hospital Conference Hall	Discussion (Large Group) <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i> Hall: Koşuyolu Hospital Conference Hall	Assessment Session Post-test <i>Serdar Özdemir</i> Hall: Koşuyolu Hospital Conference Hall
14.00-14.45			Interactive Lecture Introduction to Leadership and Management <i>Tuğhan Utku</i>	Lecture 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			Meeting with Head Pysician of Yeditepe ihtisas Hospital <i>Hakan Terekeci</i>	RoI Play Session Breaking Bad News, <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i> <i>Serdar Özdemir</i>	
16.00-17.00			Discussion (Large Group) Solving Cases about Communication in Medicine <i>Gözde Polat Dalan</i>	RoI Play Session 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

DISCIPLINE	FACULTY
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.

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	36%
Extended Matching Questions	4%
Total	40%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
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)	
Total	60 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	40%
Other Assessment Methods and Tools	60%
Total	100 %

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 Kozyatagı)

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

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

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

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

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

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

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

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

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

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

	Monday 15-Oct-2018			Tuesday 16-Oct-2018			Wednesday 17-Oct-2018			Thursday 18-Oct -2018			Friday 19-Oct-2018		
08.30- 09:50	Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)		
10.00- 11.50	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
12.00- 12.50	Lunch			Lunch			Lunch			Lunch			Lunch		
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
15.30- 16.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
16.20-17.30															

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

	Monday 22-Oct-2018	Tuesday 23-Oct-2018	Wednesday 24-Oct-2018	Thursday 25-Oct -2018	Friday 26-Oct-2018
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup A1 Common OutPatient Clinic	Subgroup A1 Common OutPatient Clinic	Subgroup A1 Common OutPatient Clinic	Subgroup A1 Common OutPatient Clinic	Subgroup A1 Common OutPatient Clinic
	Subgroup A2 Clinical Experience InPatient	Subgroup A2 Clinical Experience InPatient	Subgroup A2 Clinical Experience InPatient	Subgroup A2 Clinical Experience InPatient	Subgroup A2 Clinical Experience InPatient
	Subgroup A3 Emergency Care Service	Subgroup A3 Emergency Care Service	Subgroup A3 Emergency Care Service	Subgroup A3 Emergency Care Service	Subgroup A3 Emergency Care Service
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
15.30- 16.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
16.20-17.30					

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

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

WEEK IX 05-09 Nov. 2018 (HTRH)

	Monday 05-Nov-2018			Tuesday 06-Nov-2018			Wednesday 07-Nov-2018			Thursday 08-Nov-2018			Friday 09-Nov-2018		
08.30- 09:50	Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)		
10.00- 11.50	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
12.00- 12.50	Lunch			Lunch			Lunch			Lunch			Lunch		
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
15.30- 16.20	Independent Learning			Independent Learning			Independent Learning			Independent Learning			Independent Learning		
16.20-17.30															

WEEK X / 12- 16 Nov. 2018

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

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

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

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

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

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

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

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

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

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

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

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

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

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

	Monday 14-Jan-2019	Tuesday 15-Jan-2019	Wednesday 16-Jan-2019	Thursday 17-Jan-2019	Friday 18-Jan-2019
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	<div>Subgroup A1 Common OutPatient Clinic</div> <div>Subgroup A2 Clinical Experience InPatient</div> <div>Subgroup A3 Emergency Care Service</div>	<div>Subgroup A1 Common OutPatient Clinic</div> <div>Subgroup A2 Clinical Experience InPatient</div> <div>Subgroup A3 Emergency Care Service</div>	<div>Subgroup A1 Common OutPatient Clinic</div> <div>Subgroup A2 Clinical Experience InPatient</div> <div>Subgroup A3 Emergency Care Service</div>	<div>Subgroup A1 Common OutPatient Clinic</div> <div>Subgroup A2 Clinical Experience InPatient</div> <div>Subgroup A3 Emergency Care Service</div>	<div>Subgroup A1 Common OutPatient Clinic</div> <div>Subgroup A2 Clinical Experience InPatient</div> <div>Subgroup A3 Emergency Care Service</div>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
15.30- 16.20	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)	Clinical Experience (InPatient-HTRH) (All Subgroups)
16.20-17.30					

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

	Monday 21-Jan-2019			Tuesday 22-Jan-2019			Wednesday 23-Jan-2019			Thursday 24-Jan -2019			Friday 25-Jan-2019		
08.30- 09:50	Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)		
10.00- 11.50	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
12.00- 12.50	Lunch			Lunch			Lunch			Lunch			Lunch		
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
15.30- 16.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
16.20-17.30															

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

	Monday 28-Jan-2019			Tuesday 29-Jan-2019			Wednesday 30-Jan-2019			Thursday 31-Jan-2019			Friday 01-Feb-2019		
08.30- 09:50	Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)		
10.00- 11.50	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
12.00- 12.50	Lunch			Lunch			Lunch			Lunch			Lunch		
13.30- 14.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
14.30- 15.20	Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)			Clinical Experience (InPatient-HTRH) (All Subgroups)		
15.30- 16.20	Independent Learning			Independent Learning			Independent Learning			Independent Learning			Independent Learning		
16.20-17.30															

WEEK X / 04-08 Feb. 2019

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

**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 Ayanoğlu 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.

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

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

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

Group B WEEK II / 17-21 Sep. 2018

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

Group B WEEK III / 24-28 Sep. 2018

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

Group B WEEK IV / 01-05 Oct. 2018

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

Group B WEEK V / 08-12 Oct. 2018

	Monday 08-Oct-2018	Tuesday 09-Oct-2018	Wednesday 10-Oct-2018	Thursday 11-Oct-2018	Friday 12-Oct-2018
09.00- 09:50	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)
10.00- 10.50	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)
11.00-11.50					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	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)
14.00- 14.50	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)
15.00- 15:50	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)
16.00-16.50	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)

GROUP B WEEK VI / 15-19 Oct. 2018

	Monday 15-Oct-2018	Tuesday 16-Oct-2018	Wednesday 17-Oct-2018	Thursday 18-Oct-2018	Friday 19-Oct-2018
09.00- 09:50	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)
10.00- 10.50	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)
11.00-11.50					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	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)
14.00- 14.50	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)
15.00- 15.50	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)
16.00-16.50	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)

GROUP B WEEK VII / 22-26 Oct. 2018

	Monday 22-Oct-2018	Tuesday 23-Oct-2018	Wednesday 24-Oct-2018	Thursday 25-Oct-2018	Friday 26-Oct-2018
09.00- 09:50	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)
10.00- 10.50	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)
11.00-11.50					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	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)
14.00- 14.50	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)
15.00- 15.50	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)
16.00-16.50	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)

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

	Monday 29-Oct-2018	Tuesday 30-Oct-2018	Wednesday 31-Oct-2018	Thursday 01-Nov-2018	Friday 02-Nov-2018
09.00- 09:50	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)
10.00- 10.50		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)
11.00-11.50					
12.00- 12.50		Lunch	Lunch	Lunch	Lunch
13.00- 13.50		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)
14.00- 14.50		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)
15.00- 15.50		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)
16.00-16.50					

GROUP B WEEK IX / 05-09 Nov.2018

	Monday 05-Nov-2018	Tuesday 06- Nov-2018	Wednesday 07- Nov-2018	Thursday 08- Nov-2018	Friday 09- Nov-2018
09.00- 09:50	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)
10.00- 10:50	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)
11.00-11:50					
12.00- 12:50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13:50	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)
14.00- 14:50	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)
15.00- 15:50	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)
16.00-16:50	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)

GROUP B WEEK X / 12-16 Nov. 2018

	Monday 12-Nov-2018	Tuesday 13-Nov-2018	Wednesday 14-Nov-2018	Thursday 15-Nov-2018	Friday 16-Nov-2018
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	
13.00- 13.50	OSCE (Group 2)	Independent Learning	Independent Learning	Discussion of written exam	Program Evaluation Session 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					

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

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

GROUP A WEEK II / 10-14 Dec 2018

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

GROUP A WEEK III / 17-21 Dec 2018

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

GROUP A WEEK IV / 24-28 Dec 2018

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

GROUP A WEEK V / 31 Dec-04 Jan 2019

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

GROUP A WEEK VI / 07-11 Jan 2019

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

GROUP A WEEK VII / 14-18 Jan 2019

	Monday 14-Jan-2019	Tuesday 15-Jan-2019	Wednesday 16-Jan-2019	Thursday 17-Jan-2019	Friday 18-Jan-2019
09.00- 09:50	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)
10.00- 10:50	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)
11.00-11:50					
12.00- 12:50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13:50	Lecture Hepatitis <i>Meltem Uğraş</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Lecture Malabsorbition and Celiac Disease <i>Meltem Uğraş</i>	Lecture Diabetic Ketoacidosis <i>Belma Haliloğlu</i>	Lecture Hematology and Coagulation <i>Jale Çoban</i>
14.00- 14:50	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Lecture Inborn Errors of Metabolism-2 <i>Derun Torlak</i>	Lecture Diabetes Mellitus <i>Belma Haliloğlu</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>
15.00- 15:50	Lecture Inborn Errors of Metabolism-1 <i>Derun Torlak</i>	Clinical Experience (InPatient- OutPatient-(YUH&LKRH) (All Subgroups)	Lecture Inborn Errors of Metabolism-3 <i>Derun Torlak</i>	Lecture Approach to the Patient with Convulsion <i>Perihan Saf</i>	Lecture Malnutrition & Obesity <i>Meltem Uğraş</i>
16.00-16:50	Independent Learning		Independent Learning	Independent Learning	Independent Learning

GROUP A WEEK VIII / 21-25 Jan 2019

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

GROUP A WEEK IX / 28 Jan -01 Feb 2019

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

GROUP A WEEK X / 04 -08 Feb 2019

	Monday 04-Feb-2019	Tuesday 05-Feb-2019	Wednesday 06-Feb-2019	Thursday 07-Feb-2019	Friday 08-Feb-2019
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	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program
14.00- 14.50					
15.00- 15.50		Independent Leraning	Independent Leraning		
16.00-16.50	Independent Leraning				

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

GENERAL SURGERY - 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	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	Introductory Session 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

	Monday 4-Mar-2019	Tuesday 5-Mar-2019	Wednesday 6-Mar-2019	Thursday 7-Mar-2019	Friday 8-Mar-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	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>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 11-15 Mar. 2019

	Monday 11-Mar-2019	Tuesday 12-Mar-2019	Wednesday 13-Mar-2019	Thursday 14-Mar-2019	Friday 15-Mar-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	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>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 18-22 Mar. 2019

	Monday 18-Mar-2019	Tuesday 19-Mar-2019	Wednesday 20-Mar-2019	Thursday 21-Mar-2019	Friday 22-Mar-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA A 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	Abdominal Trauma <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>	Inflamatuvar Bowel Disease <i>Neşet Köksal</i> Bening and Malignant Disease of the Oesophagus <i>Neşet Köksal</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

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

GENERAL SURGERY - Group B
Week I / 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	Introductory Session 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

	Monday 8-Apr-2019	Tuesday 9-Apr-2019	Wednesday 10-Apr-2019	Thursday 11-Apr-2019	Friday 12-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	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>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 15-19 Apr. 2018

	Monday 15-Apr-2019	Tuesday 16-Apr-2019	Wednesday 17-Apr-2019	Thursday 18-Apr-2019	Friday 19-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	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>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 22 Apr.- 26 April. 2019

	Monday 22-Apr-2019	Tuesday 23-Apr-2019	Wednesday 24-Apr-2019	Thursday 25-Apr-2019	Friday 26-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	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>
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

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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**OBSTETRICS AND GYNECOLOGY
YEDİTEPE UNIVERSITY HOSPITAL**

Head of the Department of Obstetrics and Gynecology: N. Cem Fıçıcıoğlu, 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.

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

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	Introductory Session <i>Cem Fiçicioğlu</i> Lecture Gynecology: and Overview Including Related Anatomy <i>Gazi Yıldırım</i>	Lecture Ovarian Functions and its Neuro-Endocrine Control <i>Cem Fiçicioğlu</i> Lecture Developmental Defects of the Female Reproductive Tract <i>Cem Fiçicioğlu</i>	Lecture Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <i>Rukset Attar</i> Lecture Obstetrics: an Overview Including Related Anatomy <i>Cem Fiçicioğlu / Mert Yeşiladalı</i>	Lecture ans Case Discussion Evidence Based Medicine: Approaching to Endometriosis <i>Gazi Yıldırım</i> Lecture Hirsutismus <i>Gazi Yıldırım</i>	Lecture Anovulation <i>Cem Fiçicioğlu / Zeynep Ece Korun</i> Lecture Evidence Based Medicine: Ovulation Induction <i>Cem Fiçicioğlu</i>
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 04-08 Mar. 2018

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

Week III / 11-15 Mar. 2018

	Monday 11-Mar-2019	Tuesday 12-Mar-2019	Wednesday 13-Mar-2019	Thursday 14-Mar-2019	Friday 15-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	Lecture Trombophilia and Pregnancy <i>Selçuk Özden</i> Lecture Clinical Embryology <i>Oya A. Alagöz</i>	Lecture Complications of Early Pregnancy <i>Rukset Attar</i> Lecture Ectopic Pregnancy <i>Rukset Attar</i>	Lecture Multiple Pregnancies <i>Rukset Attar / Mert Yeşiladalı</i> Lecture Hematological Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i>	Lecture Pelvic Relaxation <i>Gazi Yıldırım</i> Lecture Uro-Gynecology <i>Gazi Yıldırım</i>	Lecture Intrauterine Growth Restriction <i>Selçuk Özden</i> Lecture 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

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

Week V / 25-29 Mar. 2019

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

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	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Introductory Session <i>Cem Fişicioğlu</i> Lecture Gynecology: and Overview Including Related Anatomy <i>Gazi Yıldırım</i>	Lecture Ovarian Functions and its Neuro-Endocrine Control <i>Cem Fişicioğlu</i> Lecture Developmental Defects of the Female Reproductive Tract <i>Cem Fişicioğlu</i>	Lecture Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <i>Rukset Attar</i> Lecture Obstetrics: an Overview Including Related Anatomy <i>Cem Fişicioğlu / Mert Yeşiladalı</i>	Lecture ans Case Discussion Evidence Based Medicine: Approaching to Endometriosis <i>Gazi Yıldırım</i> Lecture Hirsutismus <i>Gazi Yıldırım</i>	Lecture Anovulation <i>Cem Fişicioğlu / Zeynep Ece Korun</i> Lecture Evidence Based Medicine: Ovulation Induction <i>Cem Fişicioğlu</i>
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 20-24 May. 2019

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

Week III / 27-31 May 2019

	Monday 27-May-2019	Tuesday 28-May-2019	Wednesday 29-May-2019	Thursday 30-May-2019	Friday 31-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	Lecture Hormonal Disorders and Pregnancy <i>Selçuk Özden / Melis G. K. Yazıcı</i> Lecture Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes <i>Selçuk Özden / Melis G. K. Yazıcı</i>	Lecture Bleeding in the Third Trimester <i>Rukset Attar / Zeynep Ece Korun</i> Lecture Postpartum Bleeding <i>Rukset Attar</i> Lecture Benign Disorders of Uterus, Fallopian Tubes and Ovaries <i>Rukset Attar / Zeynep Ece Korun</i>	Lecture Perinatal Infections <i>Gazi Yıldırım / Mert Yeşiladalı</i> Lecture Rh Isoimmunisation <i>Gazi Yıldırım / Mert Yeşiladalı</i>	Lecture Gynecological Malignancies and Pregnancy <i>Orhan Ünal</i> Lecture Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes <i>Orhan Ünal</i> Lecture Malignant Disorders of Uterus, Endometrium Carcinoma <i>Orhan Ünal</i>	Lecture Preterm Premature Rupture of Membranes <i>Selçuk Özden</i> Lecture Puerperium and Puerperal Infections <i>Selçuk Özden</i>
15.30- 17.30	Lecture Trombophilia and Pregnancy <i>Selçuk Özden</i> Lecture Clinical Embryology <i>Oya A. Alagöz</i>	Lecture Complications of Early Pregnancy <i>Rukset Attar</i> Lecture Ectopic Pregnancy <i>Rukset Attar</i>	Lecture Multiple Pregnancies <i>Rukset Attar / Mert Yeşiladalı</i> Lecture Hematological Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i>	Lecture Pelvic Relaxation <i>Gazi Yıldırım</i> Lecture Uro-Gynecology <i>Gazi Yıldırım</i>	Lecture Intrauterine Growth Restriction <i>Selçuk Özden</i> Lecture 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 / 3-7 June 2019

	Monday 3-jun-2019	Tuesday 4-jun-2019	Wednesday 5-jun-2019	Thursday 6-jun-2019	Friday 7-jun-2019
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

	Monday 10-jun-2019	Tuesday 11-jun-2019	Wednesday 12-jun-2019	Thursday 13-jun-2019	Friday 14-jun-2019
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Written Examination
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	Oral Examination
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	
15.30- 17.30	Lecture Hypertensive Disorders and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i>	Lecture Operative Labor and Cesarean Section <i>Rukset Attar</i>	Lecture Normal Labor <i>Gazi Yıldırım / Melis G. K. Yazıcı</i>	Lecture Pre-invasive Cervical Neoplasm <i>Orhan Ünal</i>	
	Lecture Cardiovascular Diseases and Pregnancy <i>Rukset Attar / Mert Yeşiladalı</i>	Lecture Vulvo-Vaginitis <i>Rukset Attar / Zeynep Ece Korun</i>		Lecture Cervix Carcinoma <i>Orhan Ünal</i>	
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

**Muzaffer Murat Değertekin, 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.

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

CARDIOLOGY - GROUP A / Week I

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

GROUP A / Week II

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

CARDIOLOGY - GROUP B / Week I

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

GROUP B / Week II

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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOVASCULAR SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Soner Sanioğlu, 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.

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

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

	Monday 29-Apr-2019				Tuesday 30-Apr-2019				Wednesday 01-May-2019				Thursday 02-May-2019			
08.30 -12.00	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
13.30-14.15	Lecture Introductory Course History of Cardivascular Surgery <i>Soner Sanioğlu</i>				Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioğlu</i>				Lecture Aortic Aneurysm and Aortic Dissection <i>Soner Sanioğlu</i>			
14.30- 15.15	Lecture Anatomy of Heart and Great Vessels <i>Soner Sanioğlu</i>				Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioğlu</i>				Lecture Heart and Great Vessels Injuries <i>Soner Sanioğlu</i>			
15.30- 16.00	Discussion <i>Soner Sanioğlu</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioğlu</i>				Discussion <i>Soner Sanioğlu</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning			

GROUP A / Week II

	Monday 06-May-2019				Tuesday 07- May -2019				Wednesday 08- May -2019				Thursday 09- May -2019				Friday 10- May -2019
08.30 -12.00	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				Written and Oral Examination (09.00- 12.00)
	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	
13.30-14.15	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>				Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>				Lecture Peripheric Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>				Lecture Venous and Lymphatic System Disease <i>Soner Sanioglu</i>				
14.30- 15.15	Lecture Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</i>				Lecture Congenital Heart Disease Cyanotic <i>Halit Yerebakan</i>				Lecture Peripheric Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>				Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Soner Sanioglu</i>				
15.30- 16.00	Discussion <i>Halit Yerebakan</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioglu</i>				
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				

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			
08.30 -12.00	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
13.30-14.15	Lecture Introductory Course History of Cardiovascular Surgery <i>Soner Sanioglu</i>				Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				Lecture Aortic aneurysm and Aortic Dissection <i>Soner Sanioglu</i>				Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>			
14.30- 15.15	Lecture Anatomy of Heart and Great Vessels <i>Soner Sanioglu</i>				Lecture Surgical Treatment of Coronary Artery Disease <i>Halit Yerebakan</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				Lecture Heart and Great Vessels Injuries <i>Soner Sanioglu</i>				Lecture Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</i>			
15.30- 16.00	Discussion <i>Soner Sanioglu</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioglu</i>				Discussion <i>Soner Sanioglu</i>				Discussion <i>Halit Yerebakan</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

GROUP B /Week II

	Monday 10-Jun-2019				Tuesday 11-Jun-2019				Thursday 13-Jun-2019				Friday 14-Jun-2019
08.30 -12.00	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				Written and Oral Examination (09.00-12.00)
	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	
13.30-14.15	Lecture Congenital Heart Disease – Acyanotic <i>Halit Yerebakan</i>				Lecture Peripheric Arterial Disease <i>Halit Yerebakan</i>				Lecture Venous and Lymphatic System Disease <i>Soner Saniogğlu</i>				
14.30- 15.15	Lecture Congenital Heart Disease – Cyanotic <i>Halit Yerebakan</i>				Lecture Carotid occlusive Disease <i>Halit Yerebakan</i>				Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Soner Saniogğlu</i>				
15.30- 16.00	Discussion <i>Halit Yerebakan</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Saniogğlu</i>				
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Uğur Anıl Bingöl, MD. Assoc. Prof. (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.

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

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	Lecture Scope of Plastic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Wound Healing <i>Andaç Aykan</i>	Lecture Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Written Examination
10.30-12.00	Lecture Cosmetic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Burn and Reconstructive Surgery <i>Andaç Aykan</i>	Lecture Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Oral Examination
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Skin Graft and Flap <i>Andaç Aykan</i>	Lecture 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	Lecture Scope of Plastic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Wound Healing <i>Andaç Aykan</i>	Lecture Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Written Examination
10.30-12.00	Lecture Cosmetic Surgery <i>Uğur Anıl Bingöl</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Burn and Reconstructive Surgery <i>Andaç Aykan</i>	Lecture Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Oral Examination
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Skin Graft and Flap <i>Andaç Aykan</i>	Lecture 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.

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

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

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

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

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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CLINICAL ETHICS

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Elif Vatanoğlu 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 abortions and connected terms,
- 8.2. describe legal and ethical responsibilities in these cases
- 9.0 outline ethics Approach and value conflicts about organ donation, considering complete legal regulations and ethical codes in the world and in our country
- 10.0 relate doctor's responsibility with ethical principles in distribution and use of medical sources
- 11.0 recognize respect for Patient's privacy as a basic subject of medicine and doctors' social responsibility.
- 12.0 recognize ethical problems in usage of technology as new reproduction methods
- 13.1. define ethical problems recognizing people's curiosity limit and doctor's social responsibility,
- 13.2. explain importance of genetic consultancy in terms of ethics and ethical problems considering cloning and genome projects.
- 14.0. list international and national regulations in the face of value problems that may occur in process of search and edition.
- 15.0. define code of ethics that are important to protect the rights of experimental subjects
- 16.0. relate concepts of illness and deformity involved in plastic surgery
- 17.0. explain systematically and critically the process of making decision about end of life

SKILLS

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

ATTITUDES

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

COMPETENCIES

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

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

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

ASSESSMENT

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

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

CLINICAL ETHICS Group B / 26-30 Nov 2018

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

CLINICAL ETHICS Group A / 18-22 Feb. 2019

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

**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.

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

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

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

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

	Monday 18.Feb.2019	Tuesday 19.Feb.2019	Wednesday 20.Feb.2019	Thursday 21.Feb.2019	Friday 22.Feb.2019
09.00-09.50	Introductory Session Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Lecture Epidemiologic Research Types and Basic Concepts II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tannöver, Hale Arık Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework
10.00-10.50		Lecture Epidemiologic Research Types and Basic Concepts I <i>Hale Arık Taşyikan</i>		Discussion (Small Group) Evaluation of diagnostic tests <i>Özlem Tanrıöver</i>	
11.00-11.50			Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Lecture Confounding factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	
12.00-1300	Lunch time				
13.00-14.00	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence Facilitators: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Preparation for, and submission of the EBM homework (latest:14.00) Facilitators: <i>Recep Erol Sezer, Özlem Tannöver, Hale Ank Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework
14.00-14.50	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework <i>Recep Erol Sezer, Özlem Tannöver, Hale Ank Taşyikan</i>	Written final exam
15.00-15.50					Program Evaluation Session Discussion of Exam, Evaluation of EBM Clerkship <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Tasvikan</i>
16.00-16.50					
17.00-17.50					

**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.

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

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

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

**EMERGENCY DEPARTMENT
GROUP A / Week II**

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

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

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

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

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

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

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	RÜMEYSA	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	BIÇAKÇI	DOÇ. DR. BELMA HALİLOĞLU
22	20150800015	BİRSU	BİLGİNOĞLU	DR. ÖĞR. ÜYESİ VOLKAN KAAAN YALTIRIK
23	20150800040	BUĞRA BERKAN	BİNGÖL	DR. ÖĞR. ÜYESİ VOLKAN KAAAN YALTIRIK
24	20150800076	NİLSU	BOYACIOĞLU	DR. ÖĞR. ÜYESİ VOLKAN KAAAN YALTIRIK
25	20140800021	METE	CEVAHİR	DR. ÖĞR. ÜYESİ MİRKHALIG JAVADOV
26	20150800084	ÇAĞKAN	CEYRAN	DR. ÖĞR. ÜYESİ MİRKHALIG JAVADOV
27	20150800077	İREM	COŞKUN	DR. ÖĞR. ÜYESİ MİRKHALIG 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	ENBİAYOĞLU	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	NAHİİVEA	DOÇ. DR. OLCAY ÖZVEREN
69	20140800003	BERFİN	NARİN	DOÇ. DR. OLCAY ÖZVEREN
70	20110800071	USAMA SULEIMAN	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
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