

YEDİTEPE UNIVERSITY
FACULTY of MEDICINE
PHASE IV
ACADEMIC PROGRAM BOOK
2019– 2020

Student's;

Name :.....

Nr :.....

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE
AIM OF MEDICAL EDUCATION PROGRAM^{*,}**

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

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AIM

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

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

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PROGRAM OUTCOMES OF MEDICAL EDUCATION * , **

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

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

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

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

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

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

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

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

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

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

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

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

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

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

POD.1.2. Competencies Related to Communication

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

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

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

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

POD.1.3. Competencies Related to Leadership and Management

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

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

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

POD.1.4. Competencies Related to Health Advocacy

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

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

POD.1.5. Competencies Related to Research

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

POD.1.6. Competencies Related to Health Education and Counseling

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

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies Related to Law and Legal Regulations

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

POD.2.2. Competencies Related to Ethical Aspects of Medicine

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

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

POD.2.3. Competencies Related to Social and Behavioral Sciences

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

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

POD.2.4. Competencies Related to Social Awareness and Participation

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

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

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

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

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

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

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

PODG.3. Personal Development and Values

POD.3.1. Competencies Related to Lifelong Learning

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

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

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

POD.3.2. Competencies Related to Career Management

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

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

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

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

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

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

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

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

PHASE IV COORDINATION COMMITTEE
(TEACHING YEAR 2019 – 2020)

Gazi YILDIRIM MD, 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, Gastroenterohepathology, Hematology/Oncology, Rheumatology, Nephrology) Cardiology, General Surgery, Obstetrics and Gynecology, Thoracic Surgery, Plastic Surgery, Cardiovascular Surgery.

AIM AND OBJECTIVES OF PHASE IV

AIM

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

LEARNING OBJECTIVES

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

KNOWLEDGE

1. **explain** clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency
2. **tell** that taking a history based on systems is an important element of diagnosis
3. **count** properties of Physical Examination based on systems
4. **explain** interventions used for current medical and surgical methods
5. **recognize** basic ethical Approaches completely
6. **distinguish** between legal and ethical issues

SKILLS

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

ATTITUDES

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

PHASE 4 ACADEMIC SCHEDULE 2019 - 2020

GROUP A

TRANSITION TO CLINICAL SETTINGS (3 DAYS) 04.09.2019 - 06.09.2019

INTERNAL MEDICINE (10 WEEKS) 09.09.2019 - 15.11.2019
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL

CARDIOLOGY (2 WEEKS) 18.11.2019 - 29.11.2019
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

CHILD HEALTH AND PEDIATRICS (10 WEEKS) 02.12.2019 - 07.02.2020
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K
PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL. (K.L.K)

PUBLIC HEALTH (1 WEEK) 10.02.2020 - 14.02.2020 CAMPUS

CLINICAL ETHICS (1 WEEK) 17.02.2020 - 21.02.2020 CAMPUS

GENERAL SURGERY (4 WEEKS) 24.02.2020 - 23.03.2020
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL
PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

THORACIC SURGERY
(1,5 WEEK) 24.03.2020 - 01.04.2020
SÜREYYAPAŞA THORACIC DISEASES AND THORACIC
SURGERY TRAINING AND RESEARCH HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY
(1,5 WEEK) 24.03.2020 - 01.04.2020
YEDİTEPE UNIVERSITY HOSPITAL

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY
(1,5 WEEK) 02.04.2020-10.04.2020
YEDİTEPE UNIVERSITY HOSPITAL

THORACIC SURGERY
(1,5 WEEK) 02.04.2020-10.04.2020
SÜREYYAPAŞA THORACIC DISEASES AND THORACIC
SURGERY TRAINING AND RESEARCH HOSPITAL

EMERGENCY MEDICINE (2 WEEKS) 13.04.2020 – 24.04.2020
YEDİTEPE UNIVERSITY HOSPITAL

CARDIOVASCULAR SURGERY (2 WEEKS) 27.04.2020 - 08.05.2020
PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL

OBSTETRICS AND GYNECOLOGY (5 WEEKS) 11.05.2020 - 12.06.2020
THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL
PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL

PHASE 4 ACADEMIC SCHEDULE 2019 - 2020	
GROUP B	
TRANSITION TO CLINICAL SETTINGS (3 DAYS) 04.09.2019 - 06.09.2019	
CHILD HEALTH AND PEDIATRICS (10 WEEKS) 09.09.2019 - 15.11.2019 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL (K.L.K)	
PUBLIC HEALTH (1 WEEK) 18.11.2019 - 22.11.2019 CAMPUS	
CLINICAL ETHICS (1 WEEK) 25.11.2019 -29.11.2019 CAMPUS	
INTERNAL MEDICINE (10 WEEKS) 02.12.2019 - 07.02.2020 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H) + YEDİTEPE UNIVERSITY HOSPITAL	
CARDIOLOGY (2 WEEKS) 10.02.2020 - 21.02.2020 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	
OBSTETRICS AND GYNECOLOGY (5 WEEKS) 24.02.2020 - 27.03.2020 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL	
GENERAL SURGERY (4 WEEKS) 30.03.2020 - 27.04.2020 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	
THORACIC SURGERY (1,5 WEEK) 28.04.2020 -06.05.2020 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 28.04.2020 - 06.05.2020 YEDİTEPE UNIVERSITY HOSPITAL
PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 07.05.2020 - 15.05.2020 YEDİTEPE UNIVERSITY HOSPITAL	THORACIC SURGERY (1,5 WEEK) 07.05.2020 - 15.05.2020 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL
EMERGENCY MEDICINE (2 WEEKS) 18.05.2020 – 29.05.2020 YEDİTEPE UNIVERSITY HOSPITAL	
CARDIOVASCULAR SURGERY (2 WEEKS) 01.06.2020- 12.06.2020 PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**ACADEMIC CALENDAR
2019 - 2020**

September 04, 2019 (Wednesday)	Beginning of Phase IV
October 18, 2019 (Friday)	Coordination Committee Meeting
October 29, 2019 (Tuesday)	Republic Day - National Holiday
November 10, 2019 (Sunday)	Commemoration of Atatürk
January 1, 2020 (Wednesday)	New Year
January 14, 2020 (Tuesday)	Coordination Committee Meeting (with student participation)
March 14, 2020 (Saturday)	Physicians' Day
April 23, 2020 (Thursday)	National Holiday
May 1, 2020 (Friday)	Labor's Day
May 12, 2020 (Tuesday)	Coordination Committee Meeting (with student participation)
May 19, 2020 (Tuesday)	National Holiday
May 23-26, 2020 (Saturday- Tuesday)	Religious Holiday
June 12, 2020 (Friday)	End of Phase IV
July 06-10, 2020 (Monday - Friday)	Incomplete Exams
July 21, 2020 (Tuesday)	Coordination Committee Meeting

GROUP A

1	20160800016	BEYZA NUR	AKIN
2	20160800024	CEREN	AKINCI
3	20160800002	DİLARA	AKKAD
4	20160800114	EMİNE MELTEM	AKSU
5	20160800095	MAHMOUD	ALHOSARY
6	20150800069	FATİH BURAK	ALTINTAŞ
7	20160800042	DOĞAÇ	ALTIPARMAK
8	20160800057	EFE	ARAS
9	20150800024	EBRU	ARIDURU
10	20160800076	SELİN	AYDIN
11	20160800020	FEYHAN	BALCI
12	20160800026	ÇİĞDEM	BAYRAM
13	20160800035	İPEK NAZ	BELEVİ
14	20180800025	MELİH	CANBAKAN
15	20160800079	AYŞE ZEYNEP	CEVHER
16	20150800019	SERKAN	CİVELEK
17	20160800005	SABRİ ARTUN	ÇABUK
18	20160800018	ÇAĞDAŞ	ÇAĞIN
19	20160800087	GÜLDEN	ÇAĞLAR
20	20160800080	CANSU	ÇAKIR
21	20150800093	ÇAĞATAY	ÇALIK
22	20160800088	ECE	ÇALIŞAN
23	20150800057	SERA	ÇELİK
24	20180800031	OSMAN SIRRI	ÇELİK
25	20190800010	CAN YEKTA	ÇOKSÜER
26	20160800030	ADARA	ÇÖLLÜ
27	20170800111	MUHAMMED BURAK	DEMİRHAN
28	20150800004	BEYZA	DOĞRU
29	20150800081	ATAKAN	DÖNMEZ
30	20160800033	EMİN EGEÇAN	DURMUŞ
31	20160800019	BURAK TUNAHAN	EKİNCİKLİ
32	20160800029	BELİZ ÖYKÜ	ERDEM
33	20160800107	ALI ISMAEL	GAJBOUNA
34	20150800085	KARDELEN	GELEŞ
35	20150800072	MAHBUP	GÖKGÖZ
36	20160800023	MİCAN	GÖVERCİN
37	20150800005	GİZEM	GÜNER
38	20150800036	ŞAHESTE ÖZEN	GÜNEŞ
39	20140800059	AYDAN	GÜR
40	20160800013	YAĞMUR	GÜVEN
41	20160800011	İREM	HASDEMİR
42	20160800027	SİNAN	HİÇDÖNMEZ

GROUP A REPRESENTATIVE: DİLARA AKKAD

GROUP B

1	20160800069	CEYHUN	IRMAK
2	20150800010	ALKIM MELİKE	KARABÜK
3	20160800006	BERAN	KARAKOCA
4	20180800129	ALİ MERT	KARAORMAN
5	20160800113	BETÜL	KARS
6	20150800035	ŞEYMA	KIRGIL
7	20150800039	DAMLA SELİN	KOCABIÇAK
8	20190800007	SARP ORHAN	KOCAGÜNEY
9	20160800110	MERAL AYBÜKE	KOÇ
10	20160800017	DOĞUKAN	KOÇAK
11	20160800034	ALİ EGEMEN	KÖROĞLU
12	20160800059	ENGİN BATUHAN	MENKÜER
13	20150800009	BÜŞRA	MOĞUL
14	20150800094	ISRAA	MOHAMMED OMER MUSA
15	20150800037	NECLA SİMAY	OKAY
16	20150800068	EFE	ONAÇ
17	20150800050	BUĞRA	ONDUR
18	20180800011	SİMGE	ORAL
19	20160800032	UTKU KAAAN	ÖNEN
20	20150800017	ATAKAN	ÖZBEK
21	20160800044	ZEYNEP	ÖZEL
22	20150800062	NADİRE ÖZGE	ÖZEN
23	20150800056	HARUN	ÖZKAYA
24	20170800106	NİL	ÖZKUR
25	20160800101	NEŞE	ÖZTÜRK
26	20150800060	ÇAĞATAY	PULLU
27	20160800096	NOUR	RMEID
28	20160800031	BEGÜM	SARGUT
29	20160800100	ENES	SELKİ
30	20150800061	YAĞMUR	SOLAK
31	20150800074	IŞIN SEDA	ŞAHİN
32	20160800053	SENİHA DENİZ	ŞAHİN
33	20160800082	BUKET SELEN	ŞAHİN
34	20150800054	BERNA	ŞAHİN
35	20150800012	GÖKÇE	ŞAMLI
36	20160800064	İNCİ SU	TAŞCAN
37	20160800028	AYŞIN	TOZŞEKERLİ
38	20150800063	HATİCE KÜBRA	UÇAR
39	20150800095	BAGER	UNAT
40	20170800118	MUSTAFA ANIL	USLU
41	20160800037	MEHMET UFUK	YANMAZ
42	20160800063	ALİ	YENİGÜN
43	20160800050	LEVENT	YİĞİNER
GROUP B REPRESENTATIVE: ALİ YENİGÜN			

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 Adult	Cohn L.H., et al	Mc Graw Hill
	Cardiac Surgery	Kouchoukos N.T., et al	Churchill Livingstone
	Haimovici's Vascular Surgery	Ascher E., et al.	Wiley-Blackwell
CARDIOLOGY	Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 2-Volume Set, 10th Edition Marriott's Practical Electrocardiography		
THORASIC SURGERY	Thoracic Surgery, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akin Eraslan, Nobel Tıp Kitapevleri, ISBN:978-605-335-122-1		
PLASTIC RECONSTRUCTIVE & AESTHETIC 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 Ltd.		
	Greenhalgh T. How to read a paper: the basics of evidence-based medicine. Fourth edition, 2010. BMJ Books		

SPECIFIC SESSIONS / PANELS

Introductory Session

Aim of the Session:

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

Objectives of the Session:

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

Rules of the Session:

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

Implementation of the Session:

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

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

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

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

Clerkship Evaluation Session

Aim of the Session:

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

Objectives of the Program Evaluation Session are to;

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

Process:

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

Rules of the Clerkship Evaluation Session :

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

Program Improvement Session

Aim:

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

Objectives:

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

Rules:

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

Implementation:

Before the Session

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

During the Session

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

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

After the Session

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

INDEPENDENT LEARNING

Description:

“Independent learning” is a process, a method and a philosophy of education in which a student acquires knowledge by his or her own efforts and develops the ability for inquiry and critical evaluation. It includes freedom of choice in determining one’s learning objectives, within the limits of a given project or program and with the aid of a faculty adviser. It requires freedom of process to carry out the objectives, and it places increased educational responsibility on the student for the achieving of objectives and for the value of the goals (1).

Aim:

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

Objectives:

With this instructional strategy, students will develop;

- the skills that will help them to learn independently.
- self-discipline in their work habits.
- their evidence based research skills by using reliable resources.
- their teamwork skills by studying together.
- their clinical skills as self-directed working in the clinical skills laboratory.

Rules:

1. All of the students will define independent learning process according to below algorithm.
2. All of the students will be required to fill out a form, which is a self-assessment form for the independent learning (methodology: timing, sources, strategy, etc.).
3. The students’ academic performance and independent learning methodology will be analyzed comparatively, and feed-back on further improvements will be provided.

What a student should do for learning independently?

1. **Analyzing:** First you will need to analyze carefully, what your problems and weaknesses are. For example, if you are studying anatomy, is your weak area broadly upper limb, lower limb, or what?
2. **Addressing:** Once you’ve decided your specific problems, you can list them. Which one needs to be addressed urgently? Work out your priorities. Whatever your subject area is, don't be afraid to return to the basics if necessary. It may give you more confidence in the long run to ensure you have a proper understanding of basic concepts and techniques.
3. **Accessing:** If you need reliable information, or if you need to read about a subject and put it into context, a textbook may be the best place to start. However, the Internet may be helpful if you need very up-to-date information, specific facts, or an image or video etc. If you need an academic research article, reports or case studies for your topic, then a database (Pubmed etc.) would be the best option.
4. **Timing:** In the weekly syllabus you will see, a specific time called “independent learning hour” for your independent work. In addition to these hours, the students should also have their own time schedule for their study time at home.
5. **Planning:** Your next step will be to work out a realistic study-plan for your work. What goals could you literally set for yourself? Don't make them too ambitious but set minor goals or targets that you know you will be able to achieve without having to spend a very long time working on them. How many hours will you need to achieve them? How will you know when you've achieved them?
6. **Recording:** When you work independently, it's a good idea to keep a written record of the work you've done. This can help with further planning and also give a sense of achievement as well as provide something to include in a progress file. As time goes by you may surprise yourself with what you've been able to achieve. This could motivate you to keep going, as could increase your confidence, and even improve your results
7. **Reflecting:** Reflecting on what you've done can help you decide whether the activity was really effective, whether an alternative approach might be better on another occasion, whether you spent the right amount of time and whether you have achieved the target you'd set yourself.

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

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

Reference:

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

For further reading useful resources to recommend to students:

- Burnapp, D. (2009). Getting Ahead as an International Student. London: Open University Press.
- Marshall, L. & Rowland, F. (1998) A Guide to learning independently. London: Open University Press.
- University of Southampton / UKCISA online resource 'Prepare for Success'

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

ASSESSMENT PROCEDURES

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

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. INTERNAL MEDICINE (10 weeks)**
- 3. CHILD HEALTH AND PEDIATRICS (10 weeks)**
- 4. OBSTETRICS AND GYNECOLOGY (5 weeks)**
- 5. GENERAL SURGERY (4 weeks)**
- 6. CARDIOLOGY (2 weeks)**
- 7. CARDIOVASCULAR SURGERY (2 weeks)**
- 8. EMERGENCY MEDICINE (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

YEDİTEPE UNIVERSITY KOŞUYOLU HOSPITAL

Clerkship coordinator: Meral Sönmezoğlu, MD, Prof.

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

Anıl Sönmez

AIM AND LEARNING OBJECTIVES OF TRANSITION TO CLINICAL SETTINGS CLERKSHIP

AIM:

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

LEARNING OBJECTIVES:

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

KNOWLEDGE

1. explain drug and medicine safety.
2. explain the risks of emergency conditions and knows the protection of these issues.
3. explain and clarifies the communication concept.
4. name and samples 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 or personal career management development.
11. explain the process of coping with difficult patients.
12. reveal and explains the steps of the breaking bad news process.

SKILLS

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

ATTITUDES

1. value the infection control program.
2. value the 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 / 04-06 Sep 2019

	Wednesday 4.Sep.2019	Thursday 5.Sep.2019	Friday 6.Sep.2019
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> Hall: Koşuyolu Hospital Conference Hall
10.00-10.45	Lecture Quality Improvement and International Patient Safety <i>Meral Sönmezoğlu,</i>	Discussion (Large Group) <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</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>Meral Sönmezoğlu,</i> <i>Naz Berfu Akbaş,</i> <i>Serdar Özdemir</i>
11.30-12.00	Lecture Drug Safety <i>Anil Sönmez</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>Hatice Türe</i>	Lecture Breaking Bad News, Handling Difficult Situations and Difficult Persons <i>Oğuzhan. Zahmacioğlu,</i> <i>Naz Berfu Akbaş</i> <i>Okan Taycan</i>	
15.00-15.30	Meeting with Head Pysician of Yeditepe İhtisas 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>	
15.45-17.00	Discussion (Large Group) Solving Cases about Communication in Medicine <i>Gözde Polat Dalan</i>	Meeting with Coordinator of Phase IV <i>Coordinator of Phase IV</i>	

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV
INTERNAL MEDICINE CLERKSHIP
LECTURERS

DISCIPLINE	FACULTY
ENDOCRINOLOGY	Hasan AYDIN, MD Prof. Fahrettin KELEŞTİMUR, MD Prof.
GASTROENTEROLOGY	Meltem ERGÜN, MD Prof. Cengiz PATA, MD Prof.
HEMATOLOGY	Hasan Atilla ÖZKAN, MD Assoc. Prof.
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof. Murat Hakan TEREKECİ, MD Assoc. Prof. Arzu YALÇIN, MD
MEDICAL ONCOLOGY	Okan KUZHAN, MD Prof. Mehmet ALİUSTAOĞLU, MD Assoc. Prof. Şermin MEŞE, MD
RESPIRATORY SYSTEM	Sevda ÖZDOĞAN, MD Prof. Banu Musaffa SALEPÇİ, MD Assoc. Prof. Seha AKDUMAN, MD,
NEPHROLOGY	Gülçin KANTARCI, MD Prof. Dilek BARUTÇU ATAŞ, MD
RHEUMATOLOGY	Müge BIÇAKÇIGİL KALAYCI, MD Prof.
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	Refik DEMİRTUNÇ, MD Prof. Funda TÜRKMEN, MD Prof.

AIM AND LEARNING OBJECTIVES OF INTERNAL MEDICINE CLERKSHIP

AIM

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

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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**INTERNAL MEDICINE CLERKSHIP
ASSESSMENT TABLE**

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

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	36%
Extended Matching Questions	4%
Total	40%
Other Assessment Methods and Tools	Proportion (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 CLERKSHIP PROGRAM Group A 09.09.2019-15.11.2019
WEEK I / 9-13 Sep. 2019 (YUH Koşuyolu)

	Monday 09-Sep-2019	Tuesday 10-Sep-2019	Wednesday 11-Sep-2019	Thursday 12-Sep-2019	Friday 13-Sep-2019
10.00 -10.50	Introductory Session Introduction to Internal Medicine Clerkship <i>Gülçin Kantarcı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>
11.00 - 11.50	Lecture Taking History <i>Murat Hakan Terekeci</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Fever of Unknown Origin <i>Murat Hakan Terekeci</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>
14.30 - 15.20	Lecture Sepsis and Septic Shock <i>Murat Hakan Terekeci</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Okan Kuzhan</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 II / 16-20 Sep.2019 (YUH Koşuyolu)

	Monday 16-Sep-2019	Tuesday 17-Sep-2019	Wednesday 18-Sep-2019	Thursday 19-Sep-2019	Friday 20-Sep-2019
10.00- 10.50	Lecture Colorectal Cancer <i>Okan Kuzhan</i>	Lecture Management of Cancer Pain <i>Şernin Meşe</i>	Lecture Examination of Respiratory System <i>Seha Akduman</i>	Lecture Examination of the Abdomen <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>
11.00-11.50	Lecture Lung Cancer <i>Okan Kuzhan</i>	Lecture Principles of Chemotherapy and Complications <i>Mehmet Aliustaoğlu</i>	Lecture Approach to the Patient with Pulmonary System Sytoms and Signs <i>Seha Akduman</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Breast Cancer <i>Şernin Meşe</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>Mehmet Aliustaoğlu</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Sevda Özdoğan</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>
14.30- 15.20	Lecture Oncologic Emergencies <i>Şernin Meşe</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşucu</i>	Lecture Asthma <i>Sevda Özdoğan</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion <i>Seha Akduman</i>
15.30- 17.30	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)

WEEK III / 23-27 Sep. 2019 (YUH Kozyatağı)

	Monday 23-Sep-2019	Tuesday 24-Sep-2019	Wednesday 25-Sep-2019	Thursday 26-Sep-2019	Friday 27-Sep-2019
10.00- 10.50	Lecture Pulmonary Thromboembolism <i>Sevda Özdoğan</i>	Lecture Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>
11.00- 11.50	Lecture <i>Environmental Lung Diseases</i> <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>	Lecture Approach to the Patient with Diarre <i>Meltem Ergün</i>	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Approach to the Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Cushing's Syndrome <i>Hasan Aydın</i>	Lecture Treatment of Diabetes Mellitus <i>Hasan Aydın</i>
14.30- 15.20	Lecture Evidence Based Approach to Pneumonia <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>	Lecture Male Gonadal Diseases <i>Hasan Aydın</i>	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>
15.30- 17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK IV / 30 Sep. - 04 Oct. 2019 (YUH Kozyatağı)

	Monday 30-Sep-2019	Tuesday 01-Oct-2019	Wednesday 02-Oct-2019	Thursday 03-Oct -2019	Friday 04-Oct-2019
10.00- 10.50	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Dilek Barutçu Ataş</i>	Lecture Examination of Head and Neck <i>Arzu Yalçın</i>
11.00-11.50	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Dilek Barutçu Ataş</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Dilek Barutçu Ataş</i>	Lecture Management of Hyperlipidemia <i>Arzu Yalçın</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Dilek Barutçu Ataş</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Dilek Barutçu Ataş</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>
14.30- 15.20	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)
15.30- -17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK V / 07-11 Oct. 2019 (YUH Kozyatağı)

	Monday 07-Oct-2019	Tuesday 08-Oct-2019	Wednesday 09-Oct-2019	Thursday 10-Oct -2019	Friday 11-Oct-2019
10.00- 10.50	Lecture Drug Interaction and Examples of Prescriptions <i>Arzu Yalçın</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 Manegement of Elderly Patients <i>Yaşar Küçükardalı</i>	Independent Learning	Independent Learning
11.00-11.50	Lecture Drug Interaction and Examples of Prescriptions <i>Arzu Yalçın</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 Tuberculosis <i>Sevda Özdoğan</i>		
12.00- 13.30	Lunch	Lunch	Lunch		
13.30- 14.20	Case Discussion <i>Arzu Yalçın</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>	Case Discussion <i>Sevda Özdoğan</i>		
14.30- 15.20	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)
15.30- -17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK VI / 14-18 Oct. 2019 (HTRH)

	Monday 14-Oct-2019	Tuesday 15-Oct-2019	Wednesday 16-Oct-2019	Thursday 17-Oct-2019	Friday 18-Oct-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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 21-25 Oct. 2019 (HTRH)

	Monday 21-Oct-2019	Tuesday 22-Oct-2019	Wednesday 23-Oct-2019	Thursday 24-Oct -2019	Friday 25-Oct-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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 28 Oct-01 Nov. 2018 (HTRH)

	Monday 28-Oct-2019	Tuesday 29-Oct-2019	Wednesday 30-Oct-2019	Thursday 31-Oct -2019	Friday 01-Nov-2019												
08.30- 09:50	Ward Round- HTRH (All Subgroups)	National Holiday	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)												
10.00- 11.50	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>		Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service	<table border="1"> <tr> <td align="center">Subgroup A1 Common OutPatient Clinic</td> <td align="center">Subgroup A2 Clinical Experience InPatient</td> <td align="center">Subgroup A3 Emergency Care Service</td> </tr> </table>	Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient	Subgroup A3 Emergency Care Service
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient		Subgroup A3 Emergency Care Service														
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient		Subgroup A3 Emergency Care Service														
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient		Subgroup A3 Emergency Care Service														
Subgroup A1 Common OutPatient Clinic	Subgroup A2 Clinical Experience InPatient		Subgroup A3 Emergency Care Service														
12.00- 13.30	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)												
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																	

WEEK IX 04-08 Nov. 2019 (HTRH)

	Monday 04-Nov-2019	Tuesday 05-Nov-2019	Wednesday 06-Nov-2019	Thursday 07-Nov-2019	Friday 08-Nov-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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 11- 15 Nov. 2019

	Monday 11-Nov-2019	Tuesday 12- Nov-2019	Wednesday 13- Nov-2019	Thursday 14- Nov-2019	Friday 15- Nov-2019
09.00- 12.00	Independent Learning	Independent Learning	Assessment Session (Written Exam) <i>(YUH Kozyatađı)</i>	Independent Learning	Assessment Session (Final Exam)
13.00- 14.00			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program <i>(YUH Kozyatađı)</i>		
14.00-17.30			Independent Learning		

INTERNAL MEDICINE CLERKSHIP PROGRAM-GROUP B 02.12.2019 - 07.02.2020
WEEK I / 02-06.Dec. 2019 (YUH Koşuyolu)

	Monday 02-Dec-2019	Tuesday 03-Dec-2019	Wednesday 04-Dec-2019	Thursday 05-Dec-2019	Friday 06-Dec-2019
10.00 -10.50	Introductory Session Introduction to Internal Medicine Clerkship <i>Gülçin Kantarcı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>
11.00 - 11.50	Lecture Taking History <i>Murat Hakan Terekeci</i>	Lecture Nutritional anemia and interpretation of peripheral blood smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Fever of Unknown Origin <i>Murat Hakan Terekeci</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>
14.30 - 15.20	Lecture Sepsis and Septic Shock <i>Murat Hakan Terekeci</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders <i>Lymphomas</i> <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>Okan Kuzhan</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 II / 09-13 Dec. 2019 (YUH Koşuyolu)

	Monday 9-Dec-2019	Tuesday 10-Dec-2019	Wednesday 11-Dec-2019	Thursday 12-Dec-2019	Friday 13-Dec-2019
10.00- 10.50	Lecture Colorectal Cancer <i>Okan Kuzhan</i>	Lecture Management of Cancer Pain <i>Şermin Meşe</i>	Lecture Examination of Respiratory System <i>Seha Akduman</i>	Lecture Examination of the Abdomen <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>
11.00-11.50	Lecture Lung Cancer <i>Okan Kuzhan</i>	Lecture Principles of Chemotherapy and Complications <i>Mehmet Aliustaoğlu</i>	Lecture Approach to the patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Breast Cancer <i>Şermin Meşe</i>	Lecture Immuno Therapy and Targerred Therapies in Oncology <i>Mehmet Aliustaoğlu</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Sevda Özdoğan</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>
14.30- 15.20	Lecture Oncologic Emergencies <i>Şermin Meşe</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşucu</i>	Lecture Asthma <i>Sevda Özdoğan</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Case Discussion <i>Seha Akduman</i>
15.30- -17.30	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)

WEEK III / 16-20 Dec. 2019 (YUH Kozyatağı)

	Monday 16-Dec-2019	Tuesday 17-Dec-2019	Wednesday 18-Dec-2019	Thursday 19-Dec-2019	Friday 20-Dec-2019
10.00- 10.50	Lecture Pulmonary Thromboembolism <i>Sevda Özdoğan</i>	Lecture Examination of Extremities <i>Müge Bıçakçigil Kalaycı</i>	Lecture Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>
11.00-11.50	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination of Extremities <i>Müge Bıçakçigil Kalaycı</i>	Lecture Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	Lecture Approach to Patient with Diarre <i>Meltem Ergün</i>	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçigil Kalaycı</i>	Lecture Approach to the Patient with Vasculitis <i>Müge Bıçakçigil Kalaycı</i>	Lecture Cushing's Syndrome <i>Hasan Aydın</i>	Lecture Treatment of Diabetes Mellitus <i>Hasan Aydın</i>
14.30- 15.20	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçigil Kalaycı</i>	Case Discussion <i>Müge Bıçakçigil Kalaycı</i>	Lecture Male Gonadal Diseases <i>Hasan Aydın</i>	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>
15.30- -17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK IV / 23-27 Dec. 2019 (YUH Kozyatağı)

	Monday 23-Dec-2019	Tuesday 24- Dec-2019	Wednesday 25-Dec-2019	Thursday 26-Dec-2019	Friday 27-Dec-2019
10.00- 10.50	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Dilek Barutçu Ataş</i>	Lecture Examination of Head and Neck <i>Arzu Yalçın</i>
11.00-11.50	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Dilek Barutçu Ataş</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Dilek Barutçu Ataş</i>	Lecture Management of Hyperlipidemia <i>Arzu Yalçın</i>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Dilek Barutçu Ataş</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Dilek Barutçu Ataş</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>
14.30- 15.20	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)
15.30- -17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK V / 30 Dec. 2019 - 03 Jan. 2020 (YUH Kozyatağı)

	Monday 30-Dec-2019	Tuesday 31-Dec-2109	Wednesday 01-Jan-2020	Thursday 02-Jan-2020	Friday 03-Jan-2020
10.00- 10.50	Lecture Drug Interaction and Examples of Prescriptions <i>Arzu Yalçın</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>	New Year's Holiday	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>	Independent Learning
11.00-11.50	Lecture Drug Interaction and Examples of Prescriptions <i>Arzu Yalçın</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 Tuberculosis <i>Sevda Özdoğan</i>	Independent Learning
12.00- 13.30	Lunch	Lunch		Lunch	Lunch
13.30- 14.20	Case Discussion <i>Arzu Yalçın</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>		Case Discussion <i>Sevda Özdoğan</i>	Independent Learning
14.30- 15.20	Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)		Clinical Skills Learning YUH Kozyatağı (Physical Examination)	Clinical Skills Learning YUH Kozyatağı (Physical Examination)
15.30- -17.30	Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı		Discussion Small Group YUH Kozyatağı	Discussion Small Group YUH Kozyatağı

WEEK VI / 06-10 Jan. 2020 (HTRH)

	Monday 06-Jan-2020	Tuesday 07-Jan-2020	Wednesday 08-Jan-2020	Thursday 09-Jan-2020	Friday 10-Jan-2020
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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 13-17 Jan. 2020 (HTRH)

	Monday 13-Jan-2020	Tuesday 14-Jan-2020	Wednesday 15-Jan-2020	Thursday 16-Jan -2020	Friday 17-Jan-2020
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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 20-24 Jan. 2020 (HTRH)

	Monday 20-Jan-2020	Tuesday 21-Jan-2020	Wednesday 22-Jan-2020	Thursday 23-Jan -2020	Friday 24-Jan-2020
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 style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="width: 33%; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="width: 33%; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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 / 27 - 31 Jan. 2020 (HTRH)

	Monday 27-Jan-2020	Tuesday 28-Jan-2020	Wednesday 29-Jan-2020	Thursday 30-Jan-2020	Friday 31-Jan-2020
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 style="display: flex; justify-content: space-between;"> <div style="background-color: #fce4d6; padding: 5px; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #e91e63; padding: 5px; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffccbc; padding: 5px; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="background-color: #fce4d6; padding: 5px; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #e91e63; padding: 5px; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffccbc; padding: 5px; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="background-color: #fce4d6; padding: 5px; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #e91e63; padding: 5px; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffccbc; padding: 5px; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="background-color: #fce4d6; padding: 5px; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #e91e63; padding: 5px; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffccbc; padding: 5px; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="background-color: #fce4d6; padding: 5px; text-align: center;">Subgroup A1 Common OutPatient Clinic</div> <div style="background-color: #e91e63; padding: 5px; text-align: center;">Subgroup A2 Clinical Experience InPatient</div> <div style="background-color: #ffccbc; padding: 5px; text-align: center;">Subgroup A3 Emergency Care Service</div> </div>
12.00- 13.30	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	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK X / 03-07 Feb. 2020

	Monday 03-Feb-2019	Tuesday 04- Feb-2019	Wednesday 05- Feb-2019	Thursday 06-Feb-2019	Friday 07- Feb-2019
09.00- 12.00	Independent Learning	Independent Learning	Assessment Session (Written Exam) <i>(YUH Kozyatađi)</i>	Independent Learning	Assessment Session (Final Exam)
13.00- 14.00			Program Evaluation Session Review of the Exam Questions, Evaluation of the Clearship Program <i>(YUH Kozyatađi)</i>		
14.00-17.30			Independent Learning		

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CHILD HEALTH and PEDIATRICS

YEDİTEPE 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

Çiğdem Yanar Ayanoglu MD. Lecturer

Çetin Timur, MD. Lecturer

Fatma Tülin Şimşek, MD. Lecturer

Asım Yörük, MD. Lecturer

&

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

NCC 2014 – Essential Medical Procedures (Child Health and Pediatrics)	Performance Level
General and symptom-based history taking	4
Antropometric measurements	4
Head-Neck and ENT examination	4
Abdominal physical examination	4
Consciousness assessment and mood state examination	4
Child and newborn examination	4
Skin examination	4
General condition and vital signs assessment	4
Cardiovascular system examination	4
Musculoskeletal system examination	4
Breast and axillar region examination	4
Neurological examination	4
Respiratory system examination	4
Obtaining informed consent	2
Preparing epicrisis	2
Preparing patient file	3
Referring patient appropriately	2
Preparing death certificate	1
Preparing medical reports and notice	1
Writing prescription	3
Preparing treatment refusal form	1
Application of principles of working with biologic material	3
Preparing stool smear and microscopic examination	2
Reading direct radiographs and assessment	3
Taking and evaluating ECG	3
Fecal occult blood examination	1
Measuring blood glucose level with glucometry	3
Performing bleeding time measurement assessment	4
Filling laboratory request paper	3
Obtaining and transfer laboratory specimens in appropriate conditions	3
Using microscope	3
Performing peripheral smear and assessment	3
Performing full urine analysis (including microscopic examination) and assessment	3
Measuring transcutaneous bilirubine and its assessment	3
Rational drug use	3
Following child growth and development (Percentile graphics, Tanner classification)	4
Establishing IV line	1
Performing newborn care after delivery	2
Hand washing	4
Obtaining biological samples from patient	3
Performing IM, IV, SC, ID injection	3
Urinary catheterization	3
Measuring blood pressure	4
Performing blood transfusion	1
Capillary blood sampling	3
Obtaining sample for culture	3
Performing lomber puncture	1
Nasogastric catheterization	1
Delivering oxygen and administering nebule-inhaler treatment	1
Administering oral, rectal, vaginal and topical medicines	1
Performing paracentesis	1
Performing PPD test	1
Perfoming and assessing pulse oxymetry	1
Providing appropriate cold chain protection and transportation	3
Assesing respiratory function tests	3
Drawing a family tree and referring the patient for genetic counseling when necessary	3
Performing suprapubic bladder aspiration	1
Providing basic life support	3
Solving ethical issues in medical practice	2
Taking heel blood sample	4

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 / 09-13 Sep. 2019

	Monday 9-Sep-2019	Tuesday 10-Sep-2019	Wednesday 11-Sep-2019	Thursday 12-Sep-2019	Friday 13-Sep-2019
09.00- 09:50	Lecture Introduction to Pediatrics <i>Filiz Bakar</i> <i>Çetin Timur</i> <i>Endi Romano</i>	Lecture Respiratory System Examination <i>Hülya Sarıçoban</i>	Lecture Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	Lecture Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-1 <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base balance <i>Jale Çoban</i>
10.00- 10.50	Lecture History Taking <i>Filiz Bakar</i>	Lecture Neurological Examination <i>Tuba Giray</i>	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	Lecture Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-2 <i>Filiz Bakar</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>
11.00-11.50	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	Lecture Urinalysis and Other Body Fluids <i>Jale Çoban</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Gastrointestinal and Genitourinary System Examination <i>Meltem Uğraş</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>	Lecture Growth, Development, and Growth Retardation-1 <i>Belma Haliloğlu</i>	Lecture Sepsis and Meningococemia <i>Çiğdem Ayanoğlu</i>
14.00- 14.50	Lecture Cardiovascular System Examination & Electrocardiographic Principles1 <i>Fatma Tuba Coşkun</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Malnutrition & Obesity <i>Meltem Uğraş</i>	Lecture Growth, Development, and Growth Retardation-2 <i>Belma Haliloğlu</i>	Lecture Shock <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Lecture Cardiovascular System Examination & Electrocardiographic Principles2 <i>Fatma Tuba Coşkun</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Practice G1-G2 Cardiopulmonary Resuscitation <i>Perihan Saf</i>	Practice-G1 (Growth and Development) <i>Belma Haliloğlu</i>	Practice G3-G4 (Vital Signs) <i>Çiğdem Ayanoğlu</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK II / 16-20 Sep. 2019

	Monday 16-Sep-2019	Tuesday 17-Sep-2019	Wednesday 18-Sep-2019	Thursday 19-Sep-2019	Friday 20-Sep-2019
09.00- 09:50	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Calcium Metabolism <i>Belma Haliloğlu</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sariçoban</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	Lecture GIS Bleeding <i>Meltem Uğraş</i>	Lecture Hyperparatiroidism, Hypoparatiroidism <i>Belma Haliloğlu</i>	Lecture Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sariçoban</i>	Lecture Asthma <i>Hülya Sariçoban</i>
11.00-11.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiğdem Ayanoğlu</i>	Lecture Congenital Hypothyroidism <i>Belma Haliloğlu</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Lecture Maculopapular-Vesicular Diseases <i>Tuba Giray</i>	Lecture Tuberculosis <i>Hülya Sariçoban</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Upper Respiratory Tract Infections <i>Hülya Sariçoban</i>	Lecture Immunization Principles and Vaccination-1 <i>Mustafa Berber</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>
14.00- 14.50	Lecture Lower Respiratory Tract Infections <i>Hülya Sariçoban</i>	Lecture Immunization Principles and Vaccination-2 <i>Mustafa Berber</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Practice G3-G4 Cardiopulmonary Ressusitation <i>Perihan Saf</i>
15.00- 15.50	Practice (G1-G2-G3-G4) (Chest X-Ray evolution with Cases) <i>Hülya Sariçoban</i>	Practice (G1-G2) Immunization <i>Mustafa Berber</i>	Practice (G3) (Growth and Development) <i>Belma Haliloğlu</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Practice (G3-G4) (Immunization) <i>Mustafa Berber</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK III / 23-27 Sep. 2019

	Monday 23-Sep-2019	Tuesday 24-Sep-2019	Wednesday 25-Sep-2019	Thursday 26-Sep-2019	Friday 27-Sep-2019
09.00- 09:50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture <i>Peripheral Blood Smear Evaluation</i> <i>Çetin Timur</i>	Lecture Diabetes Mellitus <i>Belma Haliloğlu</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>	Lecture Approach to the Patient with Convulsion <i>Perihan Saf</i>
10.00- 10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Practice -G1 (Peripheral blood smear) <i>Çetin Timur</i>	Lecture Diabetic Ketoacidosis <i>Belma Haliloğlu</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>
11.00-11.50	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Diagnostic Methods in Infectious Diseases <i>İ. Çağatay Acuner</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Adrenal Hypo-Hyperfunction <i>Belma Haliloğlu</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>	Lecture Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	Lecture Infections of CNS <i>Tuba Giray</i>
14.00- 14.50	Lecture Hypophyseal Diseases <i>Belma Haliloğlu</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>	Lecture Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>
15.00- 15.50	Lecture Hypothyroidism Hyperthyroidism <i>Belma Haliloğlu</i>	Practice -G2 (Peripheral blood smear) <i>Çetin Timur</i>	Practice-G2 (Growth and Development) <i>Belma Haliloğlu</i>	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK IV / 30 Sep. - 04 Oct. 2019

	Monday 30-Sep-2019	Tuesday 1-Oct-2019	Wednesday 02-Oct-2019	Thursday 03-Oct-2019	Friday 04-Oct-2019
09.00- 09:50	Lecture Vitamin Deficiencies and Rickets -1 <i>Belma Haliloğlu</i>	Lecture Inborn Errors of Metabolism-1 <i>Endi Romano</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı-Çetin Timur</i>
10.00- 10.50	Lecture Vitamin Deficiencies and Rickets -2 <i>Belma Haliloğlu</i>	Lecture Inborn Errors of Metabolism-2 <i>Tuba Giray</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Ayanoğlu</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı-Çetin Timur</i>
11.00-11.50	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture Coma and Stroke <i>Fatma Tülin Şimşek</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer Del Castello</i>	Lecture Acute Rheumatic Fever and Infective Endocarditis <i>Fatma Tuba Coşkun</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Buket Erer Del Castello</i>	Lecture Tetanus, Diphtheria, Mumps, And Pertussis <i>Fatma Tuba Coşkun</i>
14.00- 14.50	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Practice –G3 (Peripheral Blood Smear) <i>Çetin Timur</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	Practice –G4 (Peripheral Blood Smear) <i>Çetin Timur</i>	Lecture Viral Paralytic Diseases <i>Endi Romano</i>
15.00- 15.50	Practice-G4 (Growth and Development) <i>Belma Haliloğlu</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group B WEEK V / 07-11 Oct. 2019

	Monday 07-Oct-2019	Tuesday 08-Oct-2019	Wednesday 9-Oct-2019	Thursday 10-Oct-2019	Friday 11-Oct-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	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 / 14-18 Oct. 2019

	Monday 14-Oct-2019	Tuesday 15-Oct-2019	Wednesday 16-Oct-2019	Thursday 17-Oct-2019	Friday 18-Oct-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	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 / 21-25 Oct. 2019

	Monday 21-Oct-2019	Tuesday 22-Oct-2019	Wednesday 23-Oct-2019	Thursday 24-Oct-2019	Friday 25-Oct-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	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 / 28 Oct.-01 Nov. 2019

	Monday 28-Oct-2019	Tuesday 29-Oct-2019	Wednesday 30-Oct-2019	Thursday 31-Nov-2019	Friday 01-Nov-2019
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	National 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	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 / 04-08 Nov.2019

	Monday 04-Nov-2019	Tuesday 05- Nov-2019	Wednesday 06- Nov-2019	Thursday 07- Nov-2019	Friday 08- Nov-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	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 / 11-15 Nov. 2019

	Monday 11-Nov-2019	Tuesday 12-Nov-2019	Wednesday 13-Nov-2019	Thursday 14-Nov-2019	Friday 15-Nov-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	
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 / 02-06 Dec. 2019

	Monday 2-Dec-2019	Tuesday 3-Dec-2019	Wednesday 4-Dec-2019	Thursday 5-Dec-2019	Friday 6-Dec-2019
09.00- 09:50	Lecture Introduction to Pediatrics <i>Filiz Bakar</i> <i>Çetin Timur</i> <i>Endi Romano</i>	Lecture Respiratory System Examination <i>Hülya Sarıçoban</i>	Lecture Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	Lecture Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-1 <i>Filiz Bakar</i>	Lecture Renal and Liver Function Tests, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
10.00- 10.50	Lecture History Taking <i>Filiz Bakar</i>	Lecture Neurological Examination <i>Tuba Giray</i>	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	Lecture Perinatal Asphyxia, Cerebral Palsy, Neonatal Resuscitation, and Neonatal Transport-2 <i>Filiz Bakar</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>
11.00-11.50	Lecture Newborn Examination <i>Filiz Bakar</i>	Lecture Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	Lecture Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	Lecture Urinalysis and Other Body Fluids <i>Jale Çoban</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Gastrointestinal and Genitourinary System Examination <i>Meltem Uğraş</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Approach to Nutrition <i>Meltem Uğraş</i>	Lecture Growth, Development, and Growth Retardation-1 <i>Belma Haliloğlu</i>	Lecture Sepsis and Meningococemia <i>Çiğdem Ayanoğlu</i>
14.00- 14.50	Lecture Cardiovascular System Examination & Electrocardiographic Principles1 <i>Fatma Tuba Coşkun</i>	Lecture Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	Lecture Malnutrition & Obesity <i>Meltem Uğraş</i>	Lecture Growth, Development, and Growth Retardation-2 <i>Belma Haliloğlu</i>	Lecture Shock <i>Çiğdem Ayanoğlu</i>
15.00- 15.50	Lecture Cardiovascular System Examination & Electrocardiographic Principles 2 <i>Fatma Tuba Coşkun</i>	Lecture Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	Practice G1-G2 Cardiopulmonary Resuscitation <i>Perihan Saf</i>	Practice-G1 (Growth and Development) <i>Belma Haliloğlu</i>	Practice G3-G4 (Vital Signs) <i>Çiğdem Ayanoğlu</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH and PEDIATRICS - GROUP A WEEK II / 09-13 Dec. 2019

	Monday 9-Dec-2019	Tuesday 10-Dec-2019	Wednesday 11-Dec-2019	Thursday 12-Dec-2019	Friday 13-Dec-2019
09.00-09.50	Lecture Constipation <i>Meltem Uğraş</i>	Lecture Calcium Metabolism <i>Belma Haliloğlu</i>	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Approach to Immun Deficiencies-1 <i>Hülya Sariçoban</i>	Lecture Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00-10.50	Lecture GIS Bleeding <i>Meltem Uğraş</i>	Lecture Hyperparatiroidism, Hypoparatiroidism <i>Belma Haliloğlu</i>	Lecture Abdominal Pain and Peptic Diseases, H. pylori infection, Gastroesophageal Reflux <i>Meltem Uğraş</i>	Lecture Approach to Immun Deficiencies-2 <i>Hülya Sariçoban</i>	Lecture Asthma <i>Hülya Sariçoban</i>
11.00-11.50	Lecture Acute Gastroenteritis and Parasitosis <i>Çiğdem Ayanoğlu</i>	Lecture Congenital Hypothyroidism <i>Belma Haliloğlu</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Lecture Maculopapular-Vesicular Diseases <i>Tuba Giray</i>	Lecture Tuberculosis <i>Hülya Sariçoban</i>
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Lecture Upper Respiratory Tract Infections <i>Hülya Sariçoban</i>	Lecture Immunization Principles and Vaccination-1 <i>Mustafa Berber</i>	Lecture Approach to Intrauterin Infections <i>Mustafa Berber</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Acid-Base Disorders <i>Perihan Saf</i>
14.00-14.50	Lecture Lower Respiratory Tract Infections <i>Hülya Sariçoban</i>	Lecture Immunization Principles and Vaccination-2 <i>Mustafa Berber</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	Lecture Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	Practice G3-G4 Cardiopulmonary Ressusitation <i>Perihan Saf</i>
15.00-15.50	Practice (G1-G2-G3-G4) (Chest X-Ray evolution with Cases) <i>Hülya Sariçoban</i>	Practice (G1-G2) Immunization <i>Mustafa Berber</i>	Practice (G3) (Growth and Development) <i>Belma Haliloğlu</i>	Lecture Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	Practice (G3-G4) (Immunization) <i>Mustafa Berber</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Practice G1-G2 (Vital Signs) <i>Çiğdem Ayanoğlu</i>
	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH and PEDIATRICS - GROUP A WEEK III / 16-20 Dec. 2019

	Monday 16-Dec-2019	Tuesday 17-Dec-2019	Wednesday 18-Dec-2019	Thursday 19-Dec-2019	Friday 20-Dec-2019
09.00- 09:50	Lecture Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	Lecture Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	Lecture Diabetes Mellitus <i>Belma Haliloğlu</i>	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>	Lecture Approach to the Patient with Convulsion <i>Perihan Saf</i>
10.00- 10.50	Lecture Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	Practice -G1 (Peripheral blood smear) <i>Çetin Timur</i>	Lecture Diabetic Ketoacidosis <i>Belma Haliloğlu</i>	Lecture Cardiac Markers <i>Serdar Öztezcan</i>	Lecture Neonatal Convulsions <i>Mustafa Berber</i>
11.00-11.50	Lecture Hematology and Coagulation <i>Jale Çoban</i>	Lecture Approach to the Dysmorphic Child and Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>	Lecture Intoxications <i>Fatma Tülin Şimşek</i>	Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	Lecture Diagnostic Methods in Infectious Diseases <i>I. Çağatay Acuner</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Adrenal Hypo-Hyperfunction <i>Belma Haliloğlu</i>	Lecture Cystic Fibrosis and Wheezy Infant <i>Hülya Sarıçoban</i>	Lecture Diseases of Myocardium and Pericardium <i>Endi Romano</i>	Lecture Congenital Heart Diseases-1 <i>Fatma Tuba Coşkun</i>	Lecture Infections of CNS <i>Tuba Giray</i>
14.00- 14.50	Lecture Hypophyseal Diseases <i>Belma Haliloğlu</i>	Lecture Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>	Lecture Congestive Heart Failure <i>Endi Romano</i>	Lecture Congenital Heart Diseases-2 <i>Fatma Tuba Coşkun</i>	Lecture Acute and Chronic Renal Failure <i>Tuba Giray</i>
15.00- 15.50	Lecture Hypothyroidism Hyperthyroidism <i>Belma Haliloğlu</i>	Practice -G2 (Peripheral blood smear) <i>Çetin Timur</i>	Practice-G2 (Growth and Development) <i>Belma Haliloğlu</i>	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH and PEDIATRICS - GROUP A WEEK IV / 23-27 Dec. 2019

	Monday 23-Dec-2019	Tuesday 24-Dec-2019	Wednesday 25-Dec-2019	Thursday 26-Dec-2019	Friday 27-Dec-2019
09.00- 09:50	Lecture Vitamin Deficiencies and Rickets -1 <i>Belma Haliloğlu</i>	Lecture Inborn Errors of Metabolism-1 <i>Endi Romano</i>	Lecture Nephrotic Syndrome <i>Endi Romano</i>	Lecture Hypertension <i>Çiğdem Ayanoğlu</i>	Lecture Blood Transfusions and Complications <i>Sabri Kemahlı-Çetin Timur</i>
10.00- 10.50	Lecture Vitamin Deficiencies and Rickets -2 <i>Belma Haliloğlu</i>	Lecture Inborn Errors of Metabolism-2 <i>Tuba Giray</i>	Lecture Acute Glomerulonephritis <i>Fatma Tuba Coşkun</i>	Lecture Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Ayanoğlu</i>	Lecture Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı-Çetin Timur</i>
11.00-11.50	Lecture Respiratory Failure <i>Fatma Tülin Şimşek</i>	Lecture Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	Lecture <i>Coma and Stroke</i> <i>Fatma Tülin Şimşek</i>	Lecture Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer Del Castello</i>	Lecture Acute Rheumatic Fever and Infective Endocarditis <i>Fatma Tuba Coşkun</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Asım Yörük</i>	Lecture Hematological Disorders in Newborn <i>Çetin Timur</i>	Lecture Urinary Tract Infections and Tubulopathies <i>Filiz Bakar</i>	Lecture Hemopoetic Stem Cell and Transplantation & Cell Therapies <i>Buket Erer Del Castello</i>	Lecture Tetanus, Diphtheria, Mumps, And Pertussis <i>Fatma Tuba Coşkun</i>
14.00- 14.50	Lecture Malignancy in Childhood <i>Asım Yörük</i>	Practice –G3 (Peripheral Blood Smear) <i>Çetin Timur</i>	Lecture Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	Practice –G4 (Peripheral Blood Smear) <i>Çetin Timur</i>	Lecture Viral Paralytic Diseases <i>Endi Romano</i>
15.00- 15.50	Practice-G4 (Growth and Development) <i>Belma Haliloğlu</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Group A WEEK V / 30 Dec 2019- 3 Jan. 2020

	Monday 30-Dec-2019	Tuesday 31-Dec-2019	Wednesday 1-Jan-2020	Thursday 2-Jan-2020	Friday 3-Jan-2020
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	NEW YEAR'S HOLIDAY	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	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 A WEEK VI / 6-10 Jan. 2020

	Monday 6-Jan-2020	Tuesday 7-Jan-2020	Wednesday 8-Jan-2020	Thursday 9-Jan-2020	Friday 10-Jan-2020
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 A WEEK VII / 13-17 Jan. 2020

	Monday 13-Jan-2020	Tuesday 14-Jan-2020	Wednesday 15-Jan-2020	Thursday 16-Jan-2020	Friday 17-Jan-2020
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 A WEEK VIII / 20-24 Jan. 2020

	Monday 20-Jan-2020	Tuesday 21-Jan-2020	Wednesday 22-Jan-2020	Thursday 23-Jan-2020	Friday 24-Jan-2020
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 A WEEK IX / 27-31 Jan. 2020

	Monday 27-Jan-2020	Tuesday 28- Jan-2020	Wednesday 29- Jan-2020	Thursday 30- Jan-2020	Friday 31- Jan-2020
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 A WEEK X / 3-7 Feb. 2020

	Monday 3-Feb-2020	Tuesday 4-Feb-2020	Wednesday 5-Feb-2020	Thursday 6-Feb-2020	Friday 7-Feb-2020
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					

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE**

PHASE IV

GENERAL SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

**Head of the Department of General Surgery: Özcan Gökçe, MD. Prof.
Fatih Ağalar, MD. Prof.
Neşet Köksal, MD.Prof.
Erhan Ayşan, MD Prof.
Mirkhalig Javadov, MD Assist. Prof.**

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

Education Coordinator Department of General Surgery: Meryem Günay Gürleyik, MD. 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

NCC 2014 – Essential Medical Procedures (General Surgery)	Performance Level
General and symptom-based patient interview	4
Assessing mental status	3
Head-Neck and ENT examination	2
Abdominal physical examination	3
Digital rectal examination	2
General condition and vital signs assessment	3
Cardiovascular system examination	2
Musculoskeletal system examination	2
Breast and axillar region examination	3
Respiratory system examination	3
Urological examination	2
Preparing forensic report	2
Obtaining informed consent	3
Preparing epicrisis	3
Preparing patient file	3
Referring patient appropriately	3
Preparing death certificate	2
Preparing medical reports and notice	2
Writing prescription	3
Preparing treatment refusal form	3
Reading direct radiographs and assessment	2
Measuring and assessing bleeding time	2
Filling laboratory request form	3
Interpretation of screening and diagnostic examination results	2
Definition and management of forensic cases	2
Bandaging and tourniquet application	3
Establishing IV line	2
Incision and drainage of skin and soft tissue abscess	3
Restriction and stopping external bleeding	3
Hand washing	4
Appropriate patient transportation	3
Performing IM, IV, SC, ID injection	3
Urinary catheterization	3
Assessing disease / trauma severity score	3
Measuring blood pressure	3
Performing blood transfusion	2
Obtaing sample for cultre	2
Enema administration	2
Nasogastric catheterization	3
Oral, rectal, vaginal and topical drug administration	2
Providing basic life support	3
Transferring amputated limb appropriate	3
Care for burns	2
Superficial suturing and removal of sutures	2

ASSESSMENT

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

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

GENERAL SURGERY CLERKSHIP PROGRAM - Group A

Week I / 24 Feb.- 28 Feb. 2020

	Monday 24-Feb-2020	Tuesday 25-Feb-2020	Wednesday 26-Feb-2020	Thursday 27-Feb-2020	Friday 28-Feb-2020
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>	Lecture Evidence Based Medicine: Acute Appendicitis, Intestinal Obstruction <i>Mirkhalig Javadov</i>	Lecture Disease of the Gallbladder and Biliary Tree <i>Neşet Köksal</i>	Lecture Disease of the Adrenal Glands and Spleen <i>Özcan Gökçe</i>	Lecture Disease of the Breast <i>Fatih Ağalar</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 / 02-06 Mar. 2020

	Monday 2-Mar-2020	Tuesday 3-Mar-2020	Wednesday 4-Mar-2020	Thursday 5-Mar-2020	Friday 6-Mar-2020
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	Lecture Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Lecture Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Lecture Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Lecture Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i>	Lecture The Systemic Response to Injury <i>Mirkhalig Javadov</i>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 9-13 Mar. 2020

	Monday 9-Mar-2020	Tuesday 10-Mar-2020	Wednesday 11-Mar-2020	Thursday 12-Mar-2020	Friday 13-Mar-2020
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	Lecture Hemostasis,Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Lecture Bening and Malignant Disease of the Stomach <i>Fatih Ağalar</i>	Lecture Abdominal Trauma Inflatuar Bowel Disease <i>Mirkhalig Javadov</i>	Lecture Hernias <i>Neşet Köksal</i>	Lecture Pancreatitis, Liver Transplantation, Renal and 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 / 16 Mar.-20 Mar. 2020

	Monday 16-Mar-2020	Tuesday 17-Mar-2020	Wednesday 18-Mar-2020	Thursday 19-Mar-2020	Friday 20-Mar-2020	Monday 23-Mar-2020
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Oral Exam
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	Lunch
13.30- 15.30	Lecture Hydatic Disease of Liver-Abcess and Tumors <i>Fatih Ağalar</i>	Lecture Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Lecture Benign and Malignant Diseases of the Oesophagus <i>Neşet Köksal</i>	Lecture Acute Abdomen – Peritonitis Physical Examination of Surgery <i>Mirkhalig Javadov</i>	<u>Written Exam</u>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program
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	Independent Learning

GENERAL SURGERY CLERKSHIP PROGRAM - Group B
Week I / 30 Mar. - 3 Apr. 2020

	Monday 30-Mar-2020	Tuesday 31-Mar-2020	Wednesday 1-Apr-2020	Thursday 2-Apr-2020	Friday 3-Apr-2020
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>	Lecture Evidence Based Medicine: Acute Appendicitis, Intestinal Obstruction <i>Mirkhalig Javadov</i>	Lecture Disease of the Gallbladder and Biliary Tree <i>Neşet Köksal</i>	Lecture Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Lecture Disease of the Breast <i>Fatih Ağalar</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 / 6-10 Apr. 2020

	Monday 6-Apr-2020	Tuesday 7-Apr-2020	Wednesday 8-Apr-2020	Thursday 9-Apr-2020	Friday 10-Apr-2020
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	Lecture Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Lecture Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	Lecture Disease of Thyroid Gland and Parathyroid Glands Disease of the Adrenal Glands and Spleen <i>Özcan Gökçe</i>	Lecture Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i>	Lecture The Systemic Response to Injury <i>Mirkhalig Javadov</i>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 13 Apr.- 17 Apr. 2020

	Monday 13-Apr-2020	Tuesday 14-Apr-2020	Wednesday 15-Apr-2020	Thursday 16-Apr-2020	Friday 17-Apr-2020
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	Lecture Hemostasis, Surgical Bleeding and Transfusion GastroIntestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Lecture Bening and Malignant Disease of the Stomach <i>Fatih Ağalar</i>	Lecture Abdominal Trauma Inflamatuar Bowel Disease <i>Mirkhalig Javadov</i>	Lecture Hernias <i>Neşet Köksal</i>	Lecture Pancreatitis, Liver Transplantation, Renal and 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 / 20 Apr.- 24 Apr. 2020

	Monday 20-Apr-2020	Tuesday 21-Apr-2020	Wednesday 22-Apr-2020	Thursday 23-Apr-2020	Friday 24-Apr-2020	Monday 27-Apr-2020
09.00- 09.50	Clinical Experience	Experience Clinical	Clinical Experience	National Holiday	Clinical Experience	<u>Oral Exam</u>
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	
11.00- 11.50						
12.00- 13.30	Lunch	Lunch	Lunch		Lunch	Lunch
13.30- 15.30	Lecture Hydatic Disease of Liver-Abcess and Tumors <i>Fatih Ağalar</i>	Lecture Benign and Malignant Diseases of the Oesaphagus <i>Neşet Köksal</i>	Lecture Acute Abdomen – Peritonitis Physical Examination of Surgery <i>Mirkhalig Javadov</i>		<u>Written Exam</u>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience		Clinical Experience	
17.30-17:50	Independent Learning	Independent Learning	Independent Learning		Independent Learning	Independent Learning

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE**

PHASE IV

OBSTETRICS AND GYNECOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

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

Gazi Yıldırım, MD. Prof.

Rükset Attar, MD. PhD. Prof.

Orhan Ünal, MD. Prof.

Mert Yeşiladalı, MD.

Melis Gökçe Koçer Yazıcı, MD

Zeynep Ece Utkan Korun, MD.

Tanju Demirören, MD.

Ceyhun Cenk, MD.

&

MINISTRY OF HEALTH

İSTANBUL ÜMRANİYE TRAINING AND RESEARCH HOSPITAL

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

AIM AND LEARNING OBJECTIVES OF OBSTETRICS and GYNECOLOGY

AIM

Aim of this clerkship is to;

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

LEARNING OBJECTIVES

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

KNOWLEDGE

- 1.0. 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.

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

ASSESSMENT

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

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	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 / 24 Feb.- 28 Feb. 2020

	Monday 24-Feb-2020	Tuesday 25-Feb-2020	Wednesday 26-Feb-2020	Thursday 27-Feb-2020	Friday 28-Feb-2020
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Gazi Yıldırım	Normal Labor Gazi Yıldırım / Melis G. K. Yazıcı	Multiple Pregnancies Rukset Attar / Mert Yeşiladalı	Hematological Disorders and Pregnancy Rukset Attar / Mert Yeşiladalı	Obstetric Ultrasound Examination Selçuk Özden / Melis G. K. Yazıcı
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Gazi Yıldırım	Abnormal Labor Gazi Yıldırım / Melis G. K. Yazıcı	Perinatal Infections Gazi Yıldırım / Mert Yeşiladalı	Hypertensive Disorders and Pregnancy Rukset Attar / Mert Yeşiladalı	Hormonal Disorders and Pregnancy Selçuk Özden / Melis G. K. Yazıcı
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Mert Yeşiladalı	Operative Labor and Cesarean Section Rukset Attar	Rh Isoimmunisation Gazi Yıldırım / Mert Yeşiladalı	Cardiovascular Diseases and Pregnancy Rukset Attar / Mert Yeşiladalı	High-risk Pregnancy: an Overview Selçuk Özden / Melis G. K. Yazıcı
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Rukset Attar / Zeynep Ece Korun	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Clinical Embryology Oya A. Alagöz
14.00- 14.50	Benign Disorders of Vulva and Vagina Rukset Attar / Zeynep Ece Korun	Evidence Based Medicine: Ovulation Induction Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Tanju Demirören / Melis G. K. Yazıcı
15:00- 15.50	Vulvo-Vaginitis Rukset Attar / Zeynep Ece Korun	Anovulation Erkut Attar / Zeynep Ece Korun	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım	Independent Learning
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 02-06 Mar. 2020

	Monday 2-Mar-2020	Tuesday 3-Mar-2020	Wednesday 4-Mar-2020	Thursday 5-Mar-2020	Friday 6-Mar-2020
09.00- 09.50	Perinatal Follow-Ups Selçuk Özden/ Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Selçuk Özden/ Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Selçuk Özden/ Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Zeynep Ece Korun	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Selçuk Özden/ Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Gazi Yıldırım / Zeynep Ece Korun	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00-13.50	Puerperium and Puerperal Infections Selçuk Özden/ Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Selçuk Özden/ Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Selçuk Özden/ Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week III / 9-13 Mar. 2020

	Monday 9-Mar-2020	Tuesday 10-Mar-2020	Wednesday 11-Mar-2020	Thursday 12-Mar-2020	Friday 13-Mar-2020
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week IV / 16-20 Mar. 2020

	Monday 16-Mar-2020	Tuesday 17-Mar-2020	Wednesday 18-Mar-2020	Thursday 19-Mar-2020	Friday 20-Mar-2020
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 23-27 Mar. 2020

	Monday 23-Mar-2020	Tuesday 24-Mar-2020	Wednesday 25-Mar-2020	Thursday 26-Mar-2020	Friday 27-Mar-2020		
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination		
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Independent Learning	Oral Examination	
11.00- 12.30							
12.30- 13.30	Lunch	Lunch	Lunch			Independent Learning	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience			Independent Learning	Oral Examination
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology			Independent Learning	
17.30-18:00	Independent Learning	Independent Learning	Independent Learning			Independent Learning	

OBSTETRICS AND GYNECOLOGY - Group A
Week I / 11 May-15 May 2020

	Monday 11-May-2020	Tuesday 12-May-2020	Wednesday 13-May-2020	Thursday 14- May-2020	Friday 15-May-2020
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Gazi Yıldırım	Normal Labor Gazi Yıldırım / Melis G. K. Yazıcı	Multiple Pregnancies Rukset Attar / Mert Yeşiladalı	Hematological Disorders and Pregnancy Rukset Attar / Mert Yeşiladalı	Obstetric Ultrasound Examination Selçuk Özden / Melis G. K. Yazıcı
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Gazi Yıldırım	Abnormal Labor Gazi Yıldırım / Melis G. K. Yazıcı	Perinatal Infections Gazi Yıldırım / Mert Yeşiladalı	Hypertensive Disorders and Pregnancy Rukset Attar / Mert Yeşiladalı	Hormonal Disorders and Pregnancy Selçuk Özden / Melis G. K. Yazıcı
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Mert Yeşiladalı	Operative Labor and Cesarean Section Rukset Attar	Rh Isoimmunisation Gazi Yıldırım / Mert Yeşiladalı	Cardiovascular Diseases and Pregnancy Rukset Attar / Mert Yeşiladalı	High-risk Pregnancy: an Overview Selçuk Özden / Melis G. K. Yazıcı
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Rukset Attar / Zeynep Ece Korun	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Clinical Embryology Oya A. Alagöz
14.00- 14.50	Benign Disorders of Vulva and Vagina Rukset Attar / Zeynep Ece Korun	Evidence Based Medicine: Ovulation Induction Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition İn Pregnancy and Pre-Gestational and Gestational Diabetes Tanju Demirören / Melis G. K. Yazıcı
15:00- 15.50	Vulvo-Vaginitis Rukset Attar / Zeynep Ece Korun	Anovulation Erkut Attar / Zeynep Ece Korun	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım	Independent Learning
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week II / 18-22 May. 2020

	Monday 18-May-2020	Tuesday 19-May-2020	Wednesday 20-May-2020	Thursday 21-May-2020	Friday 22-May-2020
09.00- 09.50	Perinatal Follow-Ups Selçuk Özden/ Tanju Demirören	National Holiday	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Selçuk Özden/ Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Selçuk Özden/ Tanju Demirören		Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Zeynep Ece Korun	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal
11.00- 11:50	Trombophilia and Pregnancy Selçuk Özden/ Tanju Demirören		Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Gazi Yıldırım / Zeynep Ece Korun	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal
12.00- 13.00	Lunch		Lunch	Lunch	Lunch
13.00-13.50	Puerperium and Puerperal Infections Selçuk Özden/ Tanju Demirören		Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar
14.00- 14.50	Intrauterine Growth Restriction Selçuk Özden/ Tanju Demirören		Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Selçuk Özden/ Tanju Demirören		Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	Abnormal Uterine Bleeding Rukset Attar
16:00- 16:50	Independent Learning		Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning		Independent Learning	Independent Learning	Independent Learning

Week III / 25-29 May. 2020

	Monday 25-May-2020	Tuesday 26-May-2020	Wednesday 27 May-2020	Thursday 28 -May-2020	Friday 29- May-2020		
09.00- 09.50	Holiday	Holiday	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		
11.00- 12.30							
12.30- 13.30			Lunch	Lunch	Lunch		
13.30-15.30					Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30					ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00					Independent Learning	Independent Learning	Independent Learning

Week IV / 1-5 June 2020

	Monday 01-June-2020	Tuesday 02-June-2020	Wednesday 03-June-2020	Thursday 04-June-2020	Friday 05-June-2020
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week V / 8-12. June 2020

	Monday 08-June-2020	Tuesday 09-June-2020	Wednesday 10-June-2020	Thursday 11-June-2020	Friday 12-June-2020
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ÜMRANIYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

**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

**Ramazan Kargın, MD. Assoc. Prof.
Ali Karagöz, MD. Assoc. Prof.
Alev Kılıçgedik, MD. Assoc. Prof.**

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

NCC 2014 – Essential Medical Procedures (Cardiology)	Performance Level
General and symptom-based history taking	1
Assessing mental status	1
General condition and vital signs assessment	3
Musculoskeletal system examination	3
Respiratory system examination	3
Cardiovascular system examination	3
Taking and evaluating ECG	2
Establishing IV line	3
Measuring blood pressure	3
Performing defibrillation	2
Performing pericardiosynthesis	2

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 18-Nov-2019				Tuesday 19-Nov-2019				Wednesday 20-Nov-2019				Thursday 21-Nov-2019				Friday 22-Nov-2019			
	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
08.30-12.00	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50-13.50	Lecture Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> History taking <i>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 25-Nov-2019	Tuesday 26-Nov-2019	Wednesday 27-Nov-2019	Thursday 28-Nov-2019	Friday 29-Nov-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				<p align="center">Lecture <i>Pulmonary Vacular Disease</i> <i>Olcay Özveren</i></p>	<p align="center">Written Examination and Oral Examination</p> <p align="center">YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olcay Özveren Emre Aslanger Ayça Türer Mustafa Aytek Şimşek Burak Hünük</p>						
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4								
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab								
13.00-13.50	<p align="center">Lecture Hypertension <i>Olcay Özveren</i></p>				<p align="center">Lecture Tachyarrhythmias <i>Burak Hünük</i></p>				<p align="center">Lecture Syncope <i>Burak Hünük</i></p>				<p align="center">Independent Learning</p>							
14.00- 14.50	<p align="center">Lecture Infective Endocarditis <i>Olcay Özveren</i></p>				<p align="center">Lecture Tachyarrhythmias <i>Burak Hünük</i></p>				<p align="center">Lecture Sudden Cardiac Death <i>Burak Hünük</i></p>				<p align="center">Independent Learning</p>							
15.00- 15.50	<p align="center">Lecture Pericardial Diseases <i>Olcay Özveren</i></p>				<p align="center">Lecture Bradyarrhythmias and Heart Blocks <i>Burak Hünük</i></p>				<p align="center">Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Burak Hünük</i></p>				<p align="center">Independent Learning</p>							
16.00-17.00	<p align="center">Independent Learning</p>				<p align="center">Independent Learning</p>				<p align="center">Independent Learning</p>				<p align="center">Independent Learning</p>				<p align="center">Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program</p>			

CARDIOLOGY - GROUP B / Week I

	Monday 10-Feb-2020	Tuesday 11-Feb-2020	Wednesday 12-Feb-2020	Thursday 13-Feb-2020	Friday 14-Feb-2020															
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							
	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	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							

GROUP B / Week II

	Monday 17-Feb-2020	Tuesday 18-Feb-2020	Wednesday 19-Feb-2020	Thursday 20-Feb-2020	Friday 21-Feb-2020															
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				<p align="center">Lecture <i>Pulmonary vacular disease</i> <i>Olçay Özveren</i></p>	<p align="center">Written Examination and Oral Examination</p> <p align="center">YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olçay Özveren Emre Aslanger Ayça Türer Mustafa Aytek Şimşek Burak Hünük</p>						
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4								
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab								
13.00-13.50	Lecture Hypertension <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				Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program			

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

PHASE IV

CARDIOVASCULAR SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Soner Sanioglu, MD, Prof of Cardiovascular Surgery (Head of the Department)

Halit Yerebakan, MD, Assoc. Prof. of Cardiovascular Surgery (Coordinator)

Hüseyin Göktaş, MD

&

KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Hasan Sunar, MD, Prof of Cardiovascular Surgery

Serpil Taş, MD, Assoc. Prof. of Cardiovascular Surgery

Taylan Adademir, MD, Assoc. Prof. of Cardiovascular Surgery

AIM AND LEARNING OBJECTIVES OF CARDIOVASCULAR SURGERY

AIM

Aim of this clerkship is to;

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

LEARNING OBJECTIVES

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

KNOWLEDGE

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

SKILLS

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

ATTITUDES

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

NCC 2014 – Essential Medical Procedures (Cardiovascular Surgery)	Performance Level
Cardiovascular system examination	1
Neurological examination	3
Reading and assessing direct radiographs	3
Performing pericardiosynthesis	1

ASSESSMENT

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

Question Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)
Multiple Choice Questions	35%
Total	35%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	35%
Final Grade; perceived and appreciated by the training supervisors at 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 27Apr- 8 May. 2020

	Monday 27-Apr-2020				Tuesday 28-Apr-2020				Wednesday 29-Apr-2020				Thursday 30-April-2020				Friday 01-May-2020	
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				Labour and Solidarity Day	
	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		
	Emergency	Intensive care	Out-Patient	Surgical	Emergency	Intensive care	Out-Patient	Surgical	Intensive care	Out-Patient	Surgical	Emergency	Intensive care	Out-Patient	Surgical	Emergency		
12.00-13.30	Lunch				Lunch				Lunch				Lunch					
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>					
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>					
15.30- 16.00	Discussion <i>Soner Sanioglu</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioglu</i>				Discussion <i>Soner Sanioglu</i>					
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning					

GROUP A / Week II

	Monday 04-May-2020	Tuesday 05- May -2020	Wednesday 06- May -2020	Thursday 07- May -2020	Friday 20- May -2020								
08.30 -12.00	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Written Examination and Oral Examination (9.00 – 12.00)								
	Group A 1	Group A 2	Group A 3	Group A 4		Group A 4	Group A 2	Group A 3	Group A 4	Group A 1	Group A 2	Group A 3	Group A 4
	Out-Patient	Surgical	Emergency	Intensive care		Out-Patient	Surgical	Emergency	Intensive care	Out-Patient	Surgical	Emergency	Intensive care
12.00-13.30	Lunch												
13.30-14.15	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>	Lecture Congenital Heart Disease Acyanotic <i>Halit Yerebakan</i>	Lecture Peripheral Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>	Lecture Venous and Lymphatic System Disease <i>Soner Sanioğlu</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 Peripheral Arterial Disease and Carotid Oclusive Disease <i>Halit Yerebakan</i>	Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Soner Sanioğlu</i>									
15.30- 16.00	Discussion <i>Halit Yerebakan</i>	Discussion <i>Halit Yerebakan</i>	Discussion <i>Halit Yerebakan</i>	Discussion <i>Soner Sanioğlu</i>									
16.00-17.00	Independent Learning				Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program								

CARDIOVASCULAR SURGERY - GROUP B / Week I 01- 12 Jun. 2019

	Monday 01-Jun-2020	Tuesday 02-Jun-2020	Wednesday 03-Jun-2020	Thursday 04-Jun-2020	Friday 05-Jun-2020															
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				
	Emergency	Intensive care	OutPatient	Surgical	Emergency	Intensive care	OutPatient	Surgical	Intensive care	OutPatient	Surgical	Emergency	Intensive care	OutPatient	Surgical	Emergency	Intensive care			
12.00-13.30	Lunch				Lunch				Lunch				Lunch							
13.30-14.15	Lecture Introductory Course History of Cardiovascular 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>				Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</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>				Lecture Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</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>				Discussion <i>Halit Yerebakan</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning							

GROUP B /Week II

	Monday 08-Jun-2020				Tuesday 09-Jun-2020				Wednesday 10-Jun-2020				Thursday 11-Jun-2020				Friday 12-Jun-2020	
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		
	OutPatient	Surgical	Emergency	Intensive care	Surgical	Emergency	Intensive care	OutPatient	Surgical	Emergency	Intensive care	OutPatient	Surgery	Out patient	Emergency	Intensive care		
0-13.30	Lunch				Lunch				Lunch				Lunch					
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 Sanioğlu</i>				Independent Learning					
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 Sanioğlu</i>									
15.30- 16.00	Discussion <i>Halit Yerebakan</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioğlu</i>									
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program					

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

**Uğur Anıl Bingöl, MD. Assoc. Prof. (Head of the Department)
Andaç Aykan, 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 Decision)
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 A2 / Week I 24 March- 01 April 2020

	Tuesday 24.03.2020	Wednesday 25.03.2020	Thursday 26.03. 2020	Friday 27.03. 2020	Monday 30.03. 2020	Tuesday 31.03.2020	Wednesday 01.04. 2020
	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
12.00-13.00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Skin Graft and Flap <i>Andaç Aykan</i>	Lecture Cleft Lip and Palate <i>Andaç Aykan</i>	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program
	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP A1 / Week II 02 - 10 April 2020

	Thursday 02.04.2020	Friday 03.04.2020	Monday 06.04.2020	Tuesday 07.04.2020	Wednesday 08.04.2020	Thursday 09.04.2020	Friday 10.04.2020
	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
12.00-13.00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Independent Learning	Lecture Skin Graft and Flap <i>Andaç Aykan</i>	Lecture Cleft Lip and Palate <i>Andaç Aykan</i>	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program
	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP B2 / Week II 28 April- 06 May 2020

	Tuesday 28.04.2020	Wednesday 29.04.2020	Thursday 30.04. 2020	Friday 01.05. 2020	Monday 04.05 2020	Tuesday 05.05.2020	Wednesday 06.05.2020
	Clinical Experience	Clinical Experience	Clinical Experience	Labor's Day	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>	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>	Lecture Burn and Reconstructive Surgery <i>Andaç Aykan</i>		Lecture Skin Cancer <i>Andaç Aykan</i>	Independent Learning	Oral Examination
12.00-13.00	Lunch	Lunch	Lunch		Lunch	Lunch	
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Andaç Aykan</i>		Lecture Cleft Lip and Palate <i>Andaç Aykan</i>	Independent Learning	
	Independent Learning	Independent Learning	Independent Learning		Independent Learning	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP B1 / Week II 07 - 15 May 2020

	Thursday 07.05.2020	Friday 08.05.2020	Monday 11.05.2020	Tuesday 12.05.2020	Wednesday 13.05.2020	Thursday 14.05.2020	Friday 15.05.2020
	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
12.00-13.00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13.00-17.00	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Uğur Anıl Bingöl</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	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	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Program

**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.

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

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

ASSESSMENT

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

Question Types (Pencil.Paper Tests)	Proportion (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 24 March - 01 April 2020

	Tuesday 24 Mar 2020	Wednesday 25 Mar 2020	Thursday 26 Mar 2020	Friday 27 Mar 2020	Monday 30 Mar 2020	Tuesday 31 Mar 2020	Wednesday 01 Apr 2020
09.00-09.40	Independent Learning Preparation for the Exam	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.45-10.25	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" <i>İrfan Yalçinkaya</i>	Independent Learning Preparation for the Exam	Lecture Radiological Evaluation in Thoracic Surgery <i>Çağatay Tezel</i>	Lecture Hemoptysis <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Clinical Experience Surgical Intensive Care Unit <i>R. Serdar Evman</i>	
10.35-11.15	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>Volkan Baysungur</i>	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung <i>Çağatay Tezel</i>	Clinical Experience Surgical <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Clinical Experience Surgical Operating Room <i>R. Serdar Evman</i>	
11.20-12.00	Lecture Diaphragmatic Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	Lecture Surgical Treatment of the Pathologies of Pleural Spaces <i>Volkan Baysungur</i>	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases <i>Levent Alpay</i>	Lecture Chest Wall Diseases and Surgical Treatment <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>Cansel Atinkaya</i>	Clinical Experience Surgical Operating Room <i>R. Serdar Evman</i>	
12.00-13.00	Lunch						
13.00-13.40	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	Case Presentation (Faculty) Pneumothorax Radiology <i>Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>Levent Alpay</i>	Clinical Experience Surgical <i>Levent Alpay</i>	Clinical Experience In Patient <i>Cansel Atinkaya</i>	Clinical Experience Surgical <i>Aysun Kosif</i>	Written Exam
13.50-14.30	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions <i>Cansel Atinkaya</i>	Clinical Experience Surgical <i>Çağatay Tezel</i>	Lecture Thoracic Trauma I <i>Aysun Kosif</i>	Clinical Experience Surgical Bronchoscopy <i>Levent Alpay</i>	Case Presentation (Faculty) <i>Cansel Atinkaya</i>	Clinical Experience Surgical Tube Thoracostomy <i>Levent Alpay</i>	Oral Exam
14.40-15.20	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel Atinkaya</i>	Clinical Skills Training Assessment Session <i>Çağatay Tezel</i>	Lecture Thoracic Trauma II <i>Aysun Kosif</i>	Clinical Experience In Patient <i>Aysun Kosif</i>	Case Presentation (Faculty) <i>Volkan Baysungur</i>	Clinical Experience Surgical <i>Levent Alpay</i>	
15.30-16.10	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel Atinkaya</i>	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax <i>Çağatay Tezel</i>	Lecture Spontaneous Pneumothorax and Bullous Disorders <i>Aysun Kosif</i>	Clinical Experience Surgical <i>Aysun Kosif</i>	Case Presentation (Faculty) <i>Volkan Baysungur</i>	Independent Learning Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY - Group A2 02 – 10 April 2020

	Thursday 02 Apr 2020	Friday 03 Apr 2020	Monday 06 Apr 2020	Tuesday 07 Apr 2020	Wednesday 08 Apr 2020	Thursday 09 Apr 2020	Friday 10 Apr 2020
09.00-09.40	Independent Learning Preparation for the Exam	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.45-10.25	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" <i>İrfan Yalçinkaya</i>	Independent Learning Preparation for the Exam	Lecture Radiological Evaluation in Thoracic Surgery <i>Çağatay Tezel</i>	Lecture Hemoptysis <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Clinical Experience Surgical Intensive Care Unit <i>R. Serdar Evman</i>	
10.35-11.15	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>Volkan Baysungur</i>	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung <i>Çağatay Tezel</i>	Clinical Experience Surgical <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Clinical Experience Surgical Operating Room <i>R. Serdar Evman</i>	
11.20-12.00	Lecture Diaphragmatic Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	Lecture Surgical Treatment of the Pathologies of Pleural Spaces <i>Volkan Baysungur</i>	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases <i>Levent Alpay</i>	Lecture Chest Wall Diseases and Surgical Treatment <i>R. Serdar Evman</i>	Case Presentation (Faculty) <i>Cansel Atinkaya</i>	Clinical Experience Surgical Operating Room <i>R. Serdar Evman</i>	
12.00-13.00	Lunch						
13.00-13.40	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	Case Presentation (Faculty) Pneumothorax Radiology <i>Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>Levent Alpay</i>	Clinical Experience Surgical <i>Levent Alpay</i>	Clinical Experience In Patient <i>Cansel Atinkaya</i>	Clinical Experience Surgical <i>Aysun Kosif</i>	Written Exam
13.50-14.30	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions <i>Cansel Atinkaya</i>	Clinical Experience Surgical <i>Çağatay Tezel</i>	Lecture Thoracic Trauma I <i>Aysun Kosif</i>	Clinical Experience Surgical Bronchoscopy <i>Levent Alpay</i>	Case Presentation (Faculty) <i>Cansel Atinkaya</i>	Clinical Experience Surgical Tube Thoracostomy <i>Levent Alpay</i>	Oral Exam
14.40-15.20	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel Atinkaya</i>	Clinical Skills Training Assessment Session <i>Çağatay Tezel</i>	Lecture Thoracic Trauma II <i>Aysun Kosif</i>	Clinical Experience In Patient <i>Aysun Kosif</i>	Case Presentation (Faculty) <i>Volkan Baysungur</i>	Clinical Experience Surgical <i>Levent Alpay</i>	
15.30-16.10	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel Atinkaya</i>	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax <i>Çağatay Tezel</i>	Lecture Spontaneous Pneumothorax and Bullous Disorders <i>Aysun Kosif</i>	Clinical Experience Surgical <i>Aysun Kosif</i>	Case Presentation (Faculty) <i>Volkan Baysungur</i>	Independent Learning Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Pr

THORACIC SURGERY - Group B1 28 Apr – 06 May 2020

	Tuesday 28 Apr 2020	Wednesday 29 Apr 2020	Thursday 30 Apr 2020	Friday 01 May 2020	Monday 04 May 2020	Tuesday 05 May 2020	Wednesday 06 May 2020
09.00-09.40	Independent Learning Preparation for the Exam	Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Levent Alpay	Labors Day	Lecture Chest Wall Diseses and Surgical Treatment R. Serdar Evman	Lecture Hemoptysis R. Serdar Evman	Independent Learning Preparation for the Exam
09.45-10.25	Introductory Session Welcome & Acquaintance “Introduction to Thoracic Surgery” İrfan Yalçinkaya	Independent Learning Preparation for the Exam	Lecture Radiological Evaluation in Thoracic Surgery Çağatay Tezel		Case Presentation (Faculty) İrfan Yalçinkaya	Clinical Experience Surgical Intensive Care Unit R. Serdar Evman	
10.35-11.15	Lecture Interventional Procedures in Thoracic Surgery İrfan Yalçinkaya	Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	Lecture Benign Lung Diseases& Hydatic Cyst of the Lung Çağatay Tezel		Case Presentation (Faculty) İrfan Yalçinkaya	Clinical Experience Surgical Operating Room R. Serdar Evman	
11.20-12.00	Lecture Diaphragmatical Diseases and Surgical Treatment İrfan Yalçinkaya	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay		Case Presentation (Faculty) Cansel Atinkaya	Clinical Experience Surgical Operating Room R. Serdar Evman	
12.00-13.00	Lunch						
13.00-13.40	Lecture Esophageal Diseases and Surgical Treatment İrfan Yalçinkaya	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Lecture Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	Labors Day	Clinical Experience In Patient Cansel Atinkaya	Clinical Experience Surgical Aysun Kosif	Written Exam
13.50-14.30	Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Atinkaya	Clinical Experience Surgical Çağatay Tezel	Lecture Thoracic Trauma I Aysun Kosif		Case Presentation (Faculty) Cansel Atinkaya	Clinical Experience Surgical Tube Thoracostomy Levent Alpay	Oral Exam
14.40-15.20	Mediastinal Diseases and Surgical Treatment Cansel Atinkaya	Clinical Skills Training Assessment Session Çağatay Tezel	Lecture Thoracic Trauma II Aysun Kosif		Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical Levent Alpay	
15.30-16.10	Lecture Lung Cancers and Other Tumors of Lung Cansel Atinkaya	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif		Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical Bronchoscopy Levent Alpay	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.
16.20-17.00	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Clinical Experience Surgical Aysun Kosif		Clinical Experience Surgical Intensive Care Unit R. Serdar Evman	Clinical Experience Surgical Levent Alpay	

THORACIC SURGERY - Group B2 07 – 15 May 2020							
	Thursday 07 May 2020	Friday 08 May 2020	Monday 11 May 2020	Tuesday 12 May 2020	Wednesday 13 May 2020	Thursday 14 May 2020	Friday 15 May 2020
09.00-09.40	Independent Learning Preparation for the Exam	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.45-10.25	Introductory Session Welcome & Acquaintance "Introduction to Thoracic Surgery" İrfan Yalçinkaya	Independent Learning Preparation for the Exam	Lecture Radiological Evaluation in Thoracic Surgery Çağatay Tezel	Lecture Hemoptysis R. Serdar Evman	Case Presentation (Faculty) İrfan Yalçinkaya	Clinical Experience Surgical Intensive Care Unit R. Serdar Evman	
10.35-11.15	Lecture Interventional Procedures in Thoracic Surgery İrfan Yalçinkaya	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	Lecture Benign Lung Diseases & Hydatid Cyst of the Lung Çağatay Tezel	Clinical Experience Surgical R. Serdar Evman	Case Presentation (Faculty) İrfan Yalçinkaya	Clinical Experience Surgical Operating Room R. Serdar Evman	
11.20-12.00	Lecture Diaphragmatic Diseases and Surgical Treatment İrfan Yalçinkaya	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Levent Alpay	Lecture Chest Wall Diseases and Surgical Treatment R. Serdar Evman	Case Presentation (Faculty) Cansel Atinkaya	Clinical Experience Surgical Operating Room R. Serdar Evman	
12.00-13.00	Lunch						
13.00-13.40	Lecture Esophageal Diseases and Surgical Treatment İrfan Yalçinkaya	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Lecture Tracheobronchial & Esophageal Foreign Bodies Levent Alpay	Clinical Experience Surgical Levent Alpay	Clinical Experience In Patient Cansel Atinkaya	Clinical Experience Surgical Aysun Kosif	Written Exam
13.50-14.30	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions Cansel Atinkaya	Clinical Experience Surgical Çağatay Tezel	Lecture Thoracic Trauma I Aysun Kosif	Clinical Experience Surgical Bronchoscopy Levent Alpay	Case Presentation (Faculty) Cansel Atinkaya	Clinical Experience Surgical Tube thoracostomy Levent Alpay	Oral Exam
14.40-15.20	Lecture Mediastinal Diseases and Surgical Treatment Cansel Atinkaya	Clinical Skills Training Assessment Session Çağatay Tezel	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience In Patient Aysun Kosif	Case Presentation (Faculty) Volkan Baysungur	Clinical Experience Surgical Levent Alpay	
15.30-16.10	Lecture Lung Cancers and Other Tumors of Lung Cansel Atinkaya	Clinical Skills Training Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax Çağatay Tezel	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Clinical Experience Surgical Aysun Kosif	Case Presentation (Faculty) Volkan Baysungur	Independent Learning Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CLINICAL ETHICS

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Elif Vatanođlu Lutz, MD. Assoc. Prof.

AIM AND LEARNING OBJECTIVES OF CLINICAL ETHICS

AIM

Aim of this clerkship is to;

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

LEARNING OBJECTIVES

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

KNOWLEDGE

- 1.0. justify ethical principals by recognizing ethics problems and using basic ethics Approach
- 2.0. define deontological sanctions recognizing part of medical deontology subjects besides legal subjects
- 3.0. outline importance of informed consent in every medical attempt
- 4.0. classify medical information systems in the framework of legal and ethical codes
- 5.0. evaluate doctor's attitude in terms of ethics in recognition of human rights concept in medicine (e.g. in cases of torture, convict Patients' treatment rights, virginity control or dead penalty)
- 6.1. define communication,
- 6.2. classify communication techniques and concepts about communication, recognizing positive and negative aspects of various types of doctor patient relationships
- 7.0. explain useful communication techniques in relationship with people who are desperately ill, recognizing people's different roles and different reactions as important bases in the presence of desperate cases
- 8.1. list concept of 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 / 25-29 Nov 2019

	Monday 25.Nov.2019	Tuesday 26.Nov.2019	Wednesday 27.Nov.2019	Thursday 28.Nov.2019	Friday 29.Nov.2018
09.00-09.50	Introductory Session (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoglu Lutz</i>	Independent Learning Preparation for Student Presentations	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoglu Lutz</i>	Collecting the papers Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoglu Lutz</i>
10.00-10.50	Repeating Physician-Patient Relationship Models <i>Elif Vatanoglu Lutz</i>				
11.00-11.50	Application of Medical Ethics Principles to Different Physician- Patient Relationship Models <i>Elif Vatanoglu Lutz</i>				
12.00-12.50	Lunch				
13.00-13.50	Explaining the Interdisciplinary Approach Between Medical Law and Medical Ethics <i>Elif Vatanoglu Lutz</i>	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoglu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoglu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoglu Lutz</i>
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey <i>Elif Vatanoglu Lutz</i>				
15.00-15.50	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey <i>Elif Vatanoglu Lutz</i>				
16.00-16.50	Science Ethic <i>Elif Vatanoglu Lutz</i>				
17.00-17:50	Research Ethic <i>Elif Vatanoglu Lutz</i>				

CLINICAL ETHICS Group A / 17-21 Feb. 2020

	Monday 17.Feb.2020	Tuesday 18.Feb.2020	Wednesday 19.Feb.2020	Thursday 20.Feb.2020	Friday 21.Feb.2020
09.00-09.50	Introductory Session (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Collecting the papers Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>
10.00-10.50	Repeating Physician Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>				
11.00-11.50	Application of Medical Ethics Principles to Different Physician Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>				
12.00-12.50	Lunch				
13.00-13.50	Explaining the Interdisciplinary Approach Between Medical Law and Medical Ethics <i>Elif Vatanoğlu Lutz</i>	Independent Learning Preparation for Student Presentations	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (large group) Student Presentations <i>Elif Vatanoğlu Lutz</i>
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey <i>Elif Vatanoğlu Lutz</i>				
15.00- 15.50	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey <i>Elif Vatanoğlu Lutz</i>				
16.00-16.50	Science Ethic <i>Elif Vatanoğlu Lutz</i>				
17.00-17:50	Research Ethic <i>Elif Vatanoğlu Lutz</i>				

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

Özlem Tanrıöver, MD Prof.

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.

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

PUBLIC HEALTH (EVIDENCE BASED MEDICINE) Group B / 18-22 Nov. 2019

	Monday 18. Nov. 2019	Tuesday 19. Nov. 2019	Wednesday 20. Nov. 2019	Thursday 21. Nov. 2019	Friday 23. Nov. 2019
09.00-09.50	Introductory Session Lecture Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
10.00-10.50		Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>		Lecture Evaluation of Screening Tests <i>Özlem Tanrıöver</i>	
11.00-11.50			Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Lecture Confounding Factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	
12.00-1300	Lunch time				
13.00-14.50	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for, and submission of the EBM homework (latest:14.00) Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
15.00-17.50	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	
17.00-17.50					Program Evaluation Session <i>Recep Erol Sezer,</i> <i>Özlem Tanrıöver,</i> <i>Hale Arık Taşyikan</i>

PUBLIC HEALTH (EVIDENCE BASED MEDICINE) Group A / 10–14. Feb. 2020

	Monday 10. Feb. 2020	Tuesday 11. Feb. 2020	Wednesday 12. Feb. 2020	Thursday 13. Feb. 2020	Friday 14. Feb. 2020
09.00-09.50	Introductory Session Lecture Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer,</i> <i>Özlem Tanrıöver,</i> <i>Hale Arık Taşyikan</i>	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
10.00-10.50		Preparation for EBM homework:		Lecture Evaluation of Screening Tests <i>Özlem Tanrıöver</i>	
11.00-11.50		Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Lecture Confounding Factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	
12.00-1300	Lunch time				
13.00-14.50	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for EBM homework: Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Preparation for, and submission of the EBM homework (latest:14.00) Facilitators: <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Revision of the EBM homework (if required) Evaluation of the EBM homework Evaluation of group presentations and discussions
15.00-17.50	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions Facilitators <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>	
17.00-17.50					Program Evaluation Session <i>Recep Erol Sezer</i> <i>Özlem Tanrıöver</i> <i>Hale Arık Taşyikan</i>

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

EMERGENCY MEDICINE

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

Pınar Tura, MD, Assist. Prof.

Ferudun Çelikmen, MD, Assist. Prof.

Mustafa Yazıcıođlu, MD, Assist. Prof.

Cem ŐimŐek, MD, Assist. Prof.

Emin Gökhan Gencer, MD, Assist. Prof.

BarıŐ Murat Ayvacı, MD, Assist. Prof.

Deniz Gürsoy, MD, Emergency Med. Specialist

Merve EkŐiođlu, MD, Emergency Med. Specialist

Eren Gökdađ, MD, Emergency Med. Specialist

AIM AND LEARNING OBJECTIVES OF EMERGENCY MEDICINE

AIM

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

LEARNING OBJECTIVES

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

KNOWLEDGE

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

SKILLS

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

ATTITUDE

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

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

ASSESSMENT

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

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

**EMERGENCY MEDICINE PROGRAM
GROUP A / Week I 13 - 17 Apr 2020**

	Monday 13-Apr-2020	Tuesday 14-Apr-2020	Wednesday 15-Apr-2020	Thursday 16-Apr-2020	Friday 17-Apr-2020
08.30- 09.00	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
09.00-12.00	Airway Management Bariş Murat Ayvaci Approach to Chest Pain 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
GROUP A / Week II 20 - 24 Apr 2020**

	Monday 20-Apr-2020	Tuesday 21-Apr-2020	Wednesday 22-Apr-2020	Thursday 23-Apr-2020	Friday 24-Apr-2020
08.30- 09.00	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
09.00-12.00	ACLS/PALS Pınar 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	Approach to Dispnea Eren Gökdağ 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	Program Evaluation Session Discussion of Exam, Evaluation of EM Clerkship Program

**EMERGENCY MEDICINE PROGRAM
GROUP B / Week I 18 - 22 May 2020**

	Monday 18-May-2020	Tuesday 19-May-2020	Wednesday 20-May-2020	Thursday 21-May-2020	Friday 22-May-2020
08.30-09.00	Ward Round	National Holiday	Ward Round	Ward Round	Ward Round
09.00-12.00	Airway Management Bariş Murat Ayvaci Approach to Chest Pain Emin Gökhan Gencer		Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
12.00-12.30	Lunch		Lunch	Lunch	Lunch
12.30-16.00	Management of ACS Mustafa Yazıcıoğlu Disaster Preparedness Mustafa Ferudun Çelikmen ECG (Case Based) Cem Şimşek		Student Presentations	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
16.00-17.50	Independent Learning		Independent Learning	Independent Learning	Independent Learning

**EMERGENCY MEDICINE
GROUP B / Week II 25 – 29 May 2020**

	Monday 25-May-2020	Tuesday 26-May-2020	Wednesday 27-May-2019	Thursday 28-May-2019	Friday 29-May-2019
08.30- 09.00	Ward Round	Ward Round	Ward Round	Ward Round	Ward Round
09.00-12.00	ACLS/PALS Pınar 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	Approach to Dispnea Eren Gökdağ 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	Program Evaluation Session Discussion of Exam, Evaluation of EM Clerkship Program

**YEDİTEPE
UNIVERSITY
FACULTY OF
MEDICINE**

PHASE IV STUDENT COUNSELING

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

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

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

- a) Inform students about the university, faculty and surrounding facilities
- b) Inform students about the courses and help them select courses
- c) Inform students about the education and assessment regulations
- d) Follow students attendance to lectures and success
- e) In case of failure, investigate the causes and cooperate with the students to overcome them f) Help students in career planning
- ƒ) Contribute to students adapting the habit of lifelong learning
- f) Guide students to counseling services of the university
- h) Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, physician awareness are concerned
- i) Contribute to cultivation of professional and intellectual development in a rapidly changing world
- j) Acknowledge the coordinator when there are unsolved problems of the students

Consultant .student relationship is a dynamic and mutual process carried out in the campus and the hospital. It is recommended that the consultant and the student meet at least twice during a semester.

The expectations from the student are as follows:

- a) Contribute to improvement of satisfaction level in the problem areas

- b) Report the social and economic conditions that require consultant's help
- c) Specify expectations from the education and the department from which this training is taken
- d) Give feedback on the counseling services regarding their satisfaction level

Student counsellors will be appointed after finalization of the class list and will be announced to the students.

After the announcement of the counsellors on the information board, each student is expected to contact his/her counsellor until the end of the first month.

2019 - 2020 PHASE IV LIST OF STUDENT COUNSELING

	NO	AD	SOYAD	EĞİTİM DANIŞMANI
1	20160800016	BEYZA NUR	AKIN	PROF. DR. ÖZCAN GÖKÇE
2	20160800024	CEREN	AKINCI	DOÇ. DR. BANU MUSAFFA SALEBCİ
3	20160800002	DİLARA	AKKAD	DOÇ. DR. BANU MUSAFFA SALEBCİ
4	20160800114	EMİNE MELTEM	AKSU	PROF. DR. ÖZCAN GÖKÇE
5	20160800095	MAHMOUD	ALHOSARY	PROF. DR. ÖZCAN GÖKÇE
6	20150800069	FATİH BURAK	ALTINTAŞ	DOÇ. DR. HASAN ATILLA ÖZKAN
7	20160800042	DOĞAÇ	ALTIPARMAK	DOÇ. DR. HASAN ATILLA ÖZKAN
8	20160800057	EFE	ARAS	DOÇ.DR. ZEYNEP ALKAN
9	20150800024	EBRU	ARIDURU	DOÇ.DR. ZEYNEP ALKAN
10	20160800076	SELİN	AYDIN	DOÇ. DR. BANU MUSAFFA SALEBCİ
11	20160800020	FEYHAN	BALCI	PROF. DR. SONER SANIOĞLU
12	20160800026	ÇİĞDEM	BAYRAM	PROF. DR. SONER SANIOĞLU
13	20160800035	İPEK NAZ	BELEVİ	DOÇ. DR. HASAN ATILLA ÖZKAN
14	20180800025	MELİH	CANBAKAN	PROF. DR. BELKIS ILGAZ YALVAÇ
15	20160800079	AYŞE ZEYNEP	CEVHER	PROF. DR. BELKIS ILGAZ YALVAÇ
16	20150800019	SERKAN	CİVELEK	DOÇ. DR. UĞUR ANIL BİNGÖL
17	20160800005	SABRI ARTUN	ÇABUK	PROF. DR. SİNAN TATLIPINAR
18	20160800018	ÇAĞDAŞ	ÇAĞIN	PROF. DR. SİNAN TATLIPINAR
19	20160800087	GÜLDEN	ÇAĞLAR	PROF. DR. RACİHA BERİL KÜÇÜMEN
20	20160800080	CANSU	ÇAKIR	PROF. DR. RACİHA BERİL KÜÇÜMEN
21	20150800093	ÇAĞATAY	ÇALIK	PROF. DR. EMİNE SEVDA ÖZDOĞAN
22	20160800088	ECE	ÇALIŞAN	PROF. DR. EMİNE SEVDA ÖZDOĞAN
23	20150800057	SERA	ÇELİK	PROF. DR. EMİNE SEVDA ÖZDOĞAN
24	20180800031	OSMAN SIRRI	ÇELİK	PROF. DR. ŞULE ZİYLAN
25	20190800010	CAN YEKTA	ÇOKSÜER	PROF. DR. ŞULE ZİYLAN
26	20160800030	ADARA	ÇÖLLÜ	PROF. DR. ŞULE ZİYLAN
27	20170800111	MUHAMMED BURAK	DEMİRHAN	PROF. DR. BUKET ERER DEL CASTELLO
28	20150800004	BEYZA	DOĞRU	PROF. DR. BUKET ERER DEL CASTELLO
29	20150800081	ATAKAN	DÖNMEZ	PROF. DR. MUZAFFER MURAT DEĞERTEKİN
30	20160800033	EMİN EGECAN	DURMUŞ	PROF. DR. MUZAFFER MURAT DEĞERTEKİN
31	20160800019	BURAK TUNAHAN	EKİNCİKLİ	PROF. DR. RUKSET ATTAR
32	20160800029	BELİZ ÖYKÜ	ERDEM	PROF. DR. GAZİ YILDIRIM
33	20160800107	ALI ISMAEL	GAJBOUNA	PROF. DR. SONER SANIOĞLU
34	20150800085	KARDELEN	GELEŞ	DR. ÖĞR. ÜYESİ MUHSİN ALTUNSOY
35	20150800072	MAHBUP	GÖKGÖZ	DR. ÖĞR. ÜYESİ MUHSİN ALTUNSOY
36	20160800023	MİCAN	GÖVERCİN	DR. ÖĞR. ÜYESİ MUHSİN ALTUNSOY
37	20150800005	GİZEM	GÜNER	DR. ÖĞR. ÜYESİ VİLDAN ÖZTÜRK
38	20150800036	ŞAHESTE ÖZEN	GÜNEŞ	DR. ÖĞR. ÜYESİ VİLDAN ÖZTÜRK
39	20140800059	AYDAN	GÜR	DR. ÖĞR. ÜYESİ VİLDAN ÖZTÜRK
40	20160800013	YAĞMUR	GÜVEN	DOÇ. DR. ZEYNEP ALKAN
41	20160800011	İREM	HASDEMİR	DOÇ. DR. ZEYNEP ALKAN
42	20160800027	SİNAN	HİÇDÖNMEZ	PROF. DR. SONER SANIOĞLU
43	20160800069	CEYHUN	IRMAK	PROF. DR. SONER SANIOĞLU
44	20150800010	ALKIM MELİKE	KARABÜK	PROF. DR. GAZİ YILDIRIM

45	20160800006	BERAN	KARAKOCA	PROF. DR. AHMET AĐRI BÜKE
46	20180800129	ALİ MERT	KARAORMAN	PROF. DR. AHMET AĐRI BÜKE
47	20160800113	BETÜL	KARS	PROF. DR. RUKSET ATTAR
48	20150800035	ŞEYMA	KIRGIL	PROF. DR. RUKSET ATTAR
49	20150800039	DAMLA SELİN	KOCABIÇAK	PROF. DR. YAVUZ SELİM PATA
50	20190800007	SARP ORHAN	KOCAGÜNEY	PROF. DR. YAVUZ SELİM PATA
51	20160800110	MERAL AYBÜKE	KOÇ	PROF. DR. YAVUZ SELİM PATA
52	20160800017	DOĐUKAN	KOÇAK	DOÇ. DR. MÜZEYYEN DOĐAN
53	20160800034	ALİ EGEMEN	KÖROĐLU	DOÇ. DR. MÜZEYYEN DOĐAN
54	20160800059	ENGİN BATUHAN	MENKÜER	DOÇ. DR. MÜZEYYEN DOĐAN
55	20150800009	BÜŞRA	MOĐUL	PROF. DR. FAİK ALTINTAŞ
56	20150800094	ISRAA	MOHAMMED OMER MUSA	PROF. DR. FAİK ALTINTAŞ
57	20150800037	NECLA SİMAY	OKAY	DOÇ. DR. ANDAÇ AYKAN
58	20150800068	EFE	ONAÇ	DOÇ. TURHAN ÖZLER
59	20150800050	BUĐRA	ONDUR	DOÇ. TURHAN ÖZLER
60	20180800011	SİMGE	ORAL	DOÇ. DR. ANDAÇ AYKAN
61	20160800032	UTKU KAAN	ÖNEN	DOÇ. DR. ANDAÇ AYKAN
62	20150800017	ATAKAN	ÖZBEK	DOÇ. DR. OKAN TAYCAN
63	20160800044	ZEYNEP	ÖZEL	DOÇ. DR. OKAN TAYCAN
64	20150800062	NADİRE ÖZGE	ÖZEN	DOÇ. DR. OKAN TAYCAN
65	20150800056	HARUN	ÖZKAYA	DOÇ. DR. UĐUR ANIL BİNGÖL
66	20170800106	NİL	ÖZKUR	DOÇ. DR. UĐUR ANIL BİNGÖL
67	20160800101	NEŞE	ÖZTÜRK	PROF. DR. MUZAFFER MURAT DEĐERTEKİN
68	20150800060	AĐATAY	PULLU	PROF. DR. SEZGİN SARIKAYA
69	20160800096	NOUR	RMEID	PROF. DR. SEZGİN SARIKAYA
70	20160800031	BEGÜM	SARGUT	DR.ÖĐR. ÜYESİ NURCAN KIZILCIK SANCAR
71	20160800100	ENES	SELKİ	DOÇ DR. GÖKHAN MERİÇ
72	20150800061	YAĐMUR	SOLAK	DOÇ DR. GÖKHAN MERİÇ
73	20150800074	IŞIN SEDA	ŞAHİN	DOÇ DR. GÖKHAN MERİÇ
74	20160800053	SENİHA DENİZ	ŞAHİN	PROF. DR. BELKIS ILGAZ YALVAÇ
75	20160800082	BUKET SELEN	ŞAHİN	DR.ÖĐR. ÜYESİ NURCAN KIZILCIK SANCAR
76	20150800054	BERNA	ŞAHİN	DR.ÖĐR. ÜYESİ NURCAN KIZILCIK SANCAR
77	20150800012	GÖKÇE	ŞAMLI	PROF.DR.ORHAN ÜNAL
78	20160800064	İNCİ SU	TAŞCAN	PROF.DR.ORHAN ÜNAL
79	20160800028	AYŞIN	TOZŞEKERLİ	PROF.DR.ORHAN ÜNAL
80	20150800063	HATİCE KÜBRA	UÇAR	PROF. DR. NESLİHAN TAŞDELEN
81	20150800095	BAGER	UNAT	PROF. DR. NESLİHAN TAŞDELEN
82	20170800118	MUSTAFA ANIL	USLU	PROF. DR. NESLİHAN TAŞDELEN
83	20160800037	MEHMET UFUK	YANMAZ	PROF. DR. HİKMET FATİH AĐALAR
84	20160800063	ALİ	YENİGÜN	PROF. DR. HİKMET FATİH AĐALAR
85	20160800050	LEVENT	YİĐİNER	PROF. DR. HİKMET FATİH AĐALAR



Faculty of Medicine/Phase IV Clerkship Assessment Form

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

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

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

	Letter grade	Success grade
Estimated Grade:		

Head of the Department / Instructor in Charge :

Signature :

Date :

Contact

Faculty Secretary :

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Dean Secretary:

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Tel: 0216 578 06 86

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