

YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE IV

ACADEMIC PROGRAM BOOK

2015 – 2016

Student's;

Name :.....

Nr :.....

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM AND OUTCOMES 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

OUTCOMES

Graduate should be able to:

1) *practice* as a physician,

- oriented towards
 - individual and non-individual factors affecting health
 - sustainment and improvement of healthy condition
 - clinical conditions which
 - are frequent in communityand/or
 - pose high risk for individual or community healthand/or
 - life-threatening or constitute an emergency
- at a competency level appropriate to deliver primary health care services compatible with surrounding context of health determinants.

- 1.1. **explain** normal structural components of human body, their functions and operational mechanisms at organismal, multisystem, system, organ, tissue, cellular and molecular levels.
- 1.2. **explain** healthy condition and factors affecting health.
- 1.3. **explain** and **relates** causes of clinical conditions, courses of effect and outcomes.
- 1.4. **explain** changes (*i.e. physiological and pathological*) in structural components of body, their functions and operational mechanisms under healthy and clinical conditions.
- 1.5. **explain** most frequently occurring or most important clinical complaints (*i.e. chief complaint*), symptoms, signs, laboratory and imaging findings and their emergence mechanisms in clinical conditions.
- 1.6. **explain** current medical and surgical methods used in interventions directed towards health conditions.
- 1.7. **use** contextually appropriate medical history taking method, out of different types (*e.g. comprehensive, focused or hypothetico-deductive*) and systematically, to gather medical information from healthy individual, patient or patient's companions (*i.e. heteroanamnesis*), in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.8. **employ** physical examination methods for systems in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

- 1.9. accurately **interpret** findings in medical history and physical examination, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.10. **implement** diagnostic procedures (*e.g. point of care testing, physician office testing*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.11. **select (utilize)** tests shown to be highly effective in clinical decision making by evidence-based medicine from the aspects of reliability, practicality and outcome measures, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition, and **interpret** results.
- 1.12. **make** clinical decisions (*e.g. benefit estimation, risk estimation, prevention, screening, test requisition, diagnosis, triage, staging, consultation, prognosis, watchful-waiting, intervention, monitoring, end of intervention, discharge, control, end of follow-up*) shown to be highly effective from the aspects of outcome measures by evidence-based medicine, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.13. accurately **perform** interventional procedures (*i.e. interventional clinical skills, competencies and proficiencies*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a clinical condition.
- 1.14. **coordinate** referral or transport of patient, when necessary and with patient-centered approach, to secondary health care institution, without posing any risk to patient's health, security and confidentiality, in case of an encounter with a patient who seeks health care service for a clinical condition.
- 1.15. **manage** request or symptom, healthy or clinical condition, and healthy individual or patient, with beneficiary-centered approach, and with clinical decisions made by analytical and critical thinking, clinical reasoning and problem solving methods, in case of an encounter with a patient who seeks health care service for a health condition.
- 1.16. **execute** protective and therapeutic medical practices that are individual, family and community-oriented, easily accessible, integrated and coordinated, continuous, comprehensive, and based on the principles of confidentiality, in primary health care services.
- 1.17. **identify** factors that pose a high risk to individual and community health, and **determine** individuals or populations at risk in advance or at an early stage and implement the necessary measures.
- 1.18. **value** preventive health services, **offer** primary prevention (*i.e. prevention of diseases for the protection of health*), secondary prevention (*i.e. early diagnosis and treatment*) and tertiary prevention (*i.e. rehabilitation*) services, and **provide** consultancy on these issues.
- 1.19. **provide** life-style consultancy and design services to sustain and improve individual and community health.

2) manage primary health care services.

- 2.1 **manage** health care team in primary health care organization.
- 2.2. **lead** community with sense of responsibility, good behavior and manners in consideration of individual behaviors and social dynamics of community, and if there is a necessity, **develop** projects directed towards health care services.
- 2.3 **define** health management and economics principles, models for organization and finance of health care services.
- 2.4 **use** health care resources with cost-effective manners.

3) **advocate individual and community health under all circumstances.**

- 3.1. **provide** consultancy services to sustain and promote the health of individual and community.
- 3.2. **explain** epidemiology of clinical conditions, and **define** measures to reduce frequencies.
- 3.3. **describe** completely all high risk factors for the community health (e.g. *natural disasters, nuclear accidents, fire, war, bio-terrorism, etc.*), and **implement** necessary measures in order to prevent effects on health.
- 3.4. **explain** health determinants completely (e.g. *physical environment, social environment, genetic background, individual response -behavior, biology-, health care services, welfare, etc.*), including conditions that prevent access to health care.

4) **perform medical practices according to regulatory and ethical principles and in consideration of behavioral sciences, social sciences, and humanities.**

- 4.1 **recognize** determinants affecting individual behaviors and attitudes, and social dynamics.
- 4.2 **recognize** basic ethical principles completely, and **distinguish** ethical and legal problems.
- 4.3 **recognize** regulations concerning national and international health systems.
- 4.4 **employ** safety, security and confidentiality principles completely for beneficiaries of health care services, companions and visitors, and health care workers.
- 4.5 **use** medical record and information systems according to regulations and ethical principles.
- 4.6 **value** informed consent taking in the framework of patients' rights, and **employ** fully.
- 4.7 **interpret** historical, anthropological and philosophical evolution of medicine, health and disease concepts, and **relate** to current medical practice

5) **establish** correct and effective communication with all stakeholders of health care services and collaborate.

- 5.1. **communicate** by using problem solving abilities during all of professional life with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals and organizations.
- 5.2. **collaborate** with related organizations and institutions, with other professionals and health care workers as a team member through using problem solving abilities.
- 5.3. **communicate** with all stakeholders with consideration of socio-cultural differences.

6) promote self medical knowledge and skills in view of the current scientific developments throughout own career.

- 6.1. **adopt** and **implement** the importance of lifelong self-learning.
- 6.2. **recognize** importance of updating knowledge and skills; **search** current advancements and improve own knowledge and skills.
- 6.3. **speak** at least one foreign language at advanced level to follow the international literature and communicate with colleagues.
- 6.4. **recognize** methods to reach current scientific knowledge, and **use** available technology.
- 6.5. **recognize** principles of evidence-based medicine, and **implement** in health care services.
- 6.6. **develop** and **present** research projects.

7) manage own postgraduate career.

- 7.1. **recognize** and **investigate** postgraduate work domains and job opportunities.
- 7.2. **determine** postgraduate work domains, job opportunities and requirements for application, **distinguish** and **plan** requirements for further training and work experience.
- 7.3. **prepare** a resume, and **recognize** job interview methods.
- 7.4. **recognize** health technologies expected to be implemented in near future and emerging work areas.

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

PHASE IV COORDINATION COMMITTEE
(TEACHING YEAR 2015 – 2016)

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

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

Zehra EREN MD, Assoc. Prof. (**Co-coordinator**)

Defne ÇÖL MD, Assist. Prof. (**Co-coordinator**)

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

YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE IV

DESCRIPTION OF THE PHASE IV

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

PHASE CONTENT

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

EXECUTIVES OF ACADEMIC YEAR

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

AIM AND OBJECTIVES OF PHASE IV

AIM

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

LEARNING OBJECTIVES OF PHASE IV

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

7. **take** history based on systems
8. **apply** physical examination methods based on systems
9. **select** appropriate tests to support clinical decisions
10. **interpret** test results to support clinical decisions
11. **do** frequently used diagnostic applications
12. **refer** patient to next level care

ATTITUDES

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

ACADEMIC SCHEDULE 2015 – 2016

A GRUBU		B GRUBU	
TRANSITION TO CLINICAL SETTINGS 31.08.2015-04.09.2015 CAMPUS A+B			
INTERNAL MEDICINE (10 WEEKS) 07.09.2015-13.11.2015 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL. (H.N.H)+ YEDİTEPE UNIVERSITY HOSPITAL		CHILD HEALTH AND PEDIATRICS (10 WEEKS) 07.09.2015-13.11.2015 THEORETICAL: CAMPUS + (DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL ,(K.L.K)) PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL.(K.L.K)	
CARDIOLOGY (2 WEEKS) 16.11.2015-27.11.2015 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL		CLINICAL ETHICS (1 WEEK) 16-20.11.2015 CAMPUS	
		PUBLIC HEALTH (1 WEEK) 23-27.11.2015 CAMPUS	
CHILD HEALTH AND PEDIATRICS (10 WEEKS) 30.11.2015- 05.02.2016 THEORETICAL: CAMPUS + (K.L.K) PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL (K.L.K)		INTERNAL MEDICINE 31(10 WEEKS) 30.11.2015- 05.02.2016 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)+ YEDİTEPE UNIVERSITY HOSPITAL	
GENERAL SURGERY (6 WEEKS) 08.02.2016-18.03.2016 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)		OBSTETRICS AND GYNECOLOGY (6 WEEKS) 08.02.2016-18.03.2016 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL	
THORACIC SURGERY (1 WEEK) 21-25.03.2016 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 21-25.03.2016 YEDİTEPE UNIVERSITY HOSPITAL	CARDIOLOGY (2 WEEKS) 21.03.2016-01.04.2016 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 28.03.2016-01.04.2016 YEDİTEPE UNIVERSITY HOSPITAL	THORACIC SURGERY (1 WEEK) 28.03.2016-01.04.2016 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL		
OBSTETRICS AND GYNECOLOGY (6 WEEKS) 04.04.2016-13.05.2016 PRACTICAL: ÜMRANİYE TRAINING AND RESEARCH HOSPITAL		GENERAL SURGERY (6 WEEKS) 04.04.2016-13.05.2016 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)	
CARDIOVASCULAR SURGERY (2 WEEKS) 16-27.05.2016 PRACTICAL:KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL		THORACIC SURGERY (1 WEEK) 16-20.05.2016 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 16-20.05.2016 YEDİTEPE UNIVERSITY HOSPITAL
		PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 23-27.05.2016 YEDİTEPE UNIVERSITY HOSPITAL	THORACIC SURGERY (1 WEEK) 23-27.05.2016 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL
CLINICAL ETHICS (1 WEEK) 30.05.2016-03.06.2016 CAMPUS		CARDIOVASCULAR SURGERY (2 WEEKS) 30.05.2016-10.06.2016 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	
PUBLIC HEALTH (1 WEEK) 06-10.06.2016 CAMPUS			

**AKADEMIC CALENDER
2015-2016**

August 31, 2015 (Monday)	Beginning of Phase IV
September 23-27, 2015 (Wednesday ½-Sunday)	Religious Holiday
October 19,2015 (Monday, 09:00-11:00)	Multidisciplinary Case Discussion (Grand Round)
October 22,2015 (Thursday, 14:00-16:00)	Coordination Committee Meeting
October 28-29, 2015 (Wednesday ½ - Thursday)	Republic Day - National Holiday
November 10, 2015 (Tuesday, 09:00:12:00)	Commemoration of Atatürk
January 1, 2016 (Friday)	New Year
January 7, 2016 (Thursday, 14:00-16:00)	Coordination Committee Meeting (with students participation)
May 12, 2016 (Thursday, 14:00-16:00)	Coordination Committee Meeting
March 14, 2016 (Monday)	Physicians' Day
April 20, 2016 (Monday, 09:00-11:00)	Multidisciplinary Case Discussion (Grand Round)
April 23, 2016 (Saturday)	National Holiday
May 1, 2016 (Sunday)	Labor's Day
May 12, 2016 (Thursday, 14:00-16:00)	Coordination Committee Meeting
May 19, 2016 (Thursday)	National Holiday
June 10, 2016 (Friday)	End of Phase IV
July 11 - 15, 2016	Incomplete Examinations
July 14, 2016 (Thursday, 14:00-16:00)	Coordination Committee Meeting

Group A

	<u>Öğrenci No</u>	<u>Adı</u>	<u>Soyadı</u>
1	20110800066	HASAN BERK	BARIŞCIL
2	20110800061	MEHMET İSKENDER	YILDIRIM
3	20110800024	FATİH	KÖKDERE
4	20110800018	DİLAN	HAKYERİ
5	20110800003	RANA SELİN	KARAMAN
6	20110800060	ÖZNUR	MOLLA
7	20120800076	HARİKA	ÇAĞLAYAN
8	20120800014	GAMZE BİLGE	DALGIN
9	20120800049	MÜGE	ORAL
10	20100800071	FATEMEH	MOHAMMADI NASER
11	20110800048	ONUR	SÖKÜCÜ
12	20110800026	EGEMEN	SAV
13	20110800014	AHMET FATİH	USLU
14	20120800047	MEHMET	AŞTI
15	20120800001	DOĞUŞ	KÖKARTTI
16	20120800015	EMİRHAN	NAS
17	20120800020	ZEYNEP	HÜSEYİNOĞLU
18	20120800037	ELİF	BAYRAKTAR
19	20130800086	ASLI DENİZ	YERLİKAYA
20	20120800042	ECE EMİNE	GÜMÜŞKESEN
21	20140800094	HALİME HELİN	YILMAZ
22	20140800099	MUHAMMED ONUR	OK
23	20110800034	ECE NUR	ÇINAR
24	20110800052	DUYGU	ADIBELLİ
25	20120800031	MERT	GÜRSOY
26	20120800040	CEM	ŞAKAR
27	20110800033	MUSTAFA BEYKAN	İSTANBULLU
28	20110800046	BURHAN	ZORLU
29	20110800068	ENVER	ŞENBAYRAM
30	20130800090	AHMET ENES	KÜÇÜKARDALI
31	20130800092	OSMAN CİHAT	ONBULAK
32	20130800091	DENİZ	KAVGACI
33	20120800058	PINAR	ÖZEN
34	20120800041	MUSTAFA FATİH	ÖĞÜNÇLÜ
35	20100800045	MAHMUT ESAT	ÖZCAN
36	20140800100	YUSUF	ÖZTÜRK
37	20120800086	VIOLA	RIGOTTI
38	20110800073	RAMONA FETİYE	SCHMIDT
39	20120800089	BASEL	EL MASRİ

Group B

	<u>Öğrenci No</u>	<u>Adı</u>	<u>Soyadı</u>
1	20120800030	PIRILTI	ÖZCAN
2	20120800025	BERK	GÜRSOY
3	20120800027	CEREN	DALKIRAN
4	20120800019	FATMA PINAR	ZİYADANOĞLU
5	20120800075	ZEYNEP	DEMİRCİ
6	20120800074	EMİR	ŞENOCAK
7	20120800021	MERİÇ	ÜLGEN
8	20110800007	GİZEM	GÜRBÜZ
9	20120800034	İBRAHİM UMUR	KEPSUTLU
10	20110800039	MERVE	GÜRKÖK
11	20110800028	BAHAR	PEZÜKLİ
12	20120800046	UĞUR KAAN	KALEM
13	20120800033	ORHUN UFUK	TİPİ
14	20120800052	HASAN BERKE	ATALAY
15	20120800059	ECE MELİS	ADALET
16	20120800048	NUR BÜKE	ÇABUK
17	20120800055	MÜGE	GÜLER
18	20110800062	GÖZDE	AKAN
19	20110800036	EYLÜL	YERAL
20	20110800037	ARTUN	KIRKER
21	20120800039	ZEYNEPGÜL	İNKAYA
22	20110800001	FATMA TUĞÇE	YAVUZ
23	20120800036	ESİN	ÖZÇELEBİ
24	20120800018	GÖKTUĞ	BORA
25	20120800069	BURAK	DEMİRCİ
26	20110800013	EZGİ	ERDAĞ
27	20110800022	ALPER	DÜNKİ
28	20110800051	BERFİN GİZEM	USLU
29	20110800065	AYLİN	ÇETİNKAYA
30	20110800059	SEVİM PIRIL	KARASU
31	20110800019	BEYZA	ÖZER
32	20110800045	AYBERK	ÖZKAVAKLI
33	20110800054	UĞUR	ŞEN
34	20110800008	MEHMET	AKAN
35	20110800050	CEMRE	YILMAZ
36	2090800068	FATMA BEGÜM	ÇOPUR
37	20110800043	CİHAD	ERİM
38	20110800032	NECAT İREM	ABDULHAYOĞLU
39	20110800016	İREM	BAŞARAN
40	20120800028	NEVA	ÖZTÜRKER

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
- f) 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

2015-2016 PHASE IV LIST OF STUDENT COUNSELING

	NO	NAME	SURNAME	COUNSELOR
1	20110800032	NECAT İREM	ABDULHAYOĞLU	DOÇ. DR. CAN ÇINAR
2	20120800059	ECE MELİS	ADALET	DOÇ. DR. CAN ÇINAR
3	20110800052	DUYGU	ADIBELLİ	DOÇ. DR. MELİH GÜVEN
4	20110800062	GÖZDE	AKAN	DOÇ. DR. MELİH GÜVEN
5	20110800008	MEHMET	AKAN	DOÇ. DR. MELİH GÜVEN
6	20120800047	MEHMET	AŞTI	DOÇ. DR. ZEKERİYA KÜÇÜKDURMAZ
7	20120800052	HASAN BERKE	ATALAY	DOÇ. DR. ZEKERİYA KÜÇÜKDURMAZ
8	20110800066	HASAN BERK	BARIŞCIL	DOÇ. DR. ZEKERİYA KÜÇÜKDURMAZ
9	20110800016	İREM	BAŞARAN	YRD.DOÇ.DR.OĞUZHAN ZAHMACIOĞLU
10	20120800037	ELİF	BAYRAKTAR	YRD. DOÇ. DR. ATILLA ÖZKAN
11	20120800018	GÖKTUĞ	BORA	YRD. DOÇ. DR. ATILLA ÖZKAN
12	20120800048	NUR BÜKE	ÇABUK	YRD. DOÇ. DR. ATILLA ÖZKAN
13	20120800076	HARİKA	ÇAĞLAYAN	YRD.DOÇ.DR.OĞUZHAN ZAHMACIOĞLU
14	20110800065	AYLİN	ÇETİNKAYA	DOÇ. DR. SEZGİN SARIKAYA
15	20110800034	ECE NUR	ÇINAR	DOÇ. DR. SEZGİN SARIKAYA
16	2090800068	FATMA BEGÜM	ÇOPUR	DOÇ. DR. SEZGİN SARIKAYA
17	20120800014	GAMZE BİLGE	DALGIN	YRD.DOÇ.DR.OĞUZHAN ZAHMACIOĞLU
18	20120800027	CEREN	DALKIRAN	PROF. DR. FİLİZ BAKAR
19	20120800069	BURAK	DEMİRCİ	PROF. DR. FİLİZ BAKAR
20	20120800075	ZEYNEP	DEMİRCİ	PROF. DR. FİLİZ BAKAR
21	20110800022	ALPER	DÜNKİ	YRD. DOÇ. DR. HASBEY HAKAN KOYUNCU
22	20110800013	EZGİ	ERDAĞ	YRD. DOÇ. DR. HASBEY HAKAN KOYUNCU
23	20110800043	CİHAD	ERİM	PROF. DR. ÖĞE TAŞÇILAR
24	20120800055	MÜGE	GÜLER	PROF. DR. ÖĞE TAŞÇILAR
25	20120800042	ECE EMİNE	GÜMÜŞKESEN	DOÇ. DR. MELTEM UĞRAŞ
26	20110800007	GİZEM	GÜRBÜZ	PROF. DR. GÜLÇİN KANTARCI
27	20110800039	MERVE	GÜRKÖK	DOÇ. DR. MELTEM UĞRAŞ
28	20120800025	BERK	GÜRSOY	DOÇ. DR. MELTEM UĞRAŞ
29	20120800031	MERT	GÜRSOY	DOÇ. DR. SUAT BİÇER
30	20110800018	DİLAN	HAKYERİ	DOÇ. DR. SUAT BİÇER
31	20120800020	ZEYNEP	HÜSEYİNOĞLU	DOÇ. DR. SUAT BİÇER
32	20120800039	ZEYNEPGÜL	İNKAYA	YRD. DOÇ. DR. ÖZNUR KÜÇÜK
33	20110800033	MUSTAFA BEYKAN	İSTANBULLU	YRD. DOÇ. DR. ÖZNUR KÜÇÜK
34	20120800046	UĞUR KAAH	KALEM	YRD. DOÇ. DR. ÖZNUR KÜÇÜK
35	20110800003	RANA SELİN	KARAMAN	PROF. DR. MEHMET OKTAY TAŞKAPAN
36	20110800059	SEVİM PIRIL	KARASU	PROF. DR. MEHMET OKTAY TAŞKAPAN
37	20130800091	DENİZ	KAVGACI	YRD. DOÇ. DR. ASUMAN CÖMERT
38	20120800034	İBRAHİM UMUR	KEPSUTLU	YRD. DOÇ. DR. ASUMAN CÖMERT
39	20110800037	ARTUN	KIRKER	YRD. DOÇ. DR. ASUMAN CÖMERT
40	20120800001	DOĞUŞ	KÖKARTTI	YRD. DOÇ. DR. ÖZLEM AKIN
41	20110800024	FATİH	KÖKDERE	YRD. DOÇ. DR. ÖZLEM AKIN
42	20130800090	AHMET ENES	KÜÇÜKARDALI	YRD. DOÇ. DR. ÖZLEM AKIN
43	20120800089	BASEL	EL MASRİ	DOÇ. DR. MERAL SÖNMEZOĞLU
44	20110800060	ÖZNUR	MOLLA	DOÇ. DR. MERAL SÖNMEZOĞLU
45	20120800015	EMİRHAN	NAS	DOÇ. DR. MERAL SÖNMEZOĞLU
46	20100800071	FATEMEH	MOHAMMADI NASER	PROF. DR. ECE AYDOĞ
47	20140800099	MUHAMMED ONUR	OK	PROF. DR. ECE AYDOĞ
48	20120800049	MÜGE	ORAL	PROF. DR. ECE AYDOĞ
49	20130800092	OSMAN CİHAT	ONBULAK	PROF. DR. SELAMİ SÖZÜBİR

50	20120800041	MUSTAFA FATİH	ÖĞÜNÇLÜ	PROF. DR. EMİNE SEVDA ÖZDOĞAN
51	20100800045	MAHMUT ESAT	ÖZCAN	PROF. DR. EMİNE SEVDA ÖZDOĞAN
52	20120800030	PIRILTI	ÖZCAN	PROF. DR. EMİNE SEVDA ÖZDOĞAN
53	20120800036	ESİN	ÖZÇELEBİ	PROF. DR. BAŞAK OYAN ULUÇ
54	20120800058	PINAR	ÖZEN	PROF. DR. BAŞAK OYAN ULUÇ
55	20110800019	BEYZA	ÖZER	PROF. DR. BAŞAK OYAN ULUÇ
56	20110800045	AYBERK	ÖZKAVAKLI	PROF. DR. GÜLÇİN KANTARCI
57	20140800100	YUSUF	ÖZTÜRK	PROF. DR. GÜLÇİN KANTARCI
58	20120800028	NEVA	ÖZTÜRKER	PROF. DR. GÜLÇİN KANTARCI
59	20110800028	BAHAR	PEZÜKLİ	DOÇ. DR. SEMA YILMAZ
60	20120800086	VIOLA	RIGOTTI	DOÇ. DR. SEMA YILMAZ
61	20110800026	EGEMEN	SAV	DOÇ. DR. SEMA YILMAZ
62	20110800048	ONUR	SÖKÜCÜ	DOÇ. DR. SEMA YILMAZ
63	20110800073	RAMONA FETİYE	SCHMIDT	DOÇ. DR. HÜLYA SARIÇOBAN
64	20120800040	CEM	ŞAKAR	DOÇ. DR. HÜLYA SARIÇOBAN
65	20110800054	UĞUR	ŞEN	DOÇ. DR. HÜLYA SARIÇOBAN
66	20110800068	ENVER	ŞENBAYRAM	PROF. DR. BUKET ERER DEL CASTELLO
67	20120800074	EMİR	ŞENOCAK	PROF. DR. BUKET ERER DEL CASTELLO
68	20120800033	ORHUN UFUK	TİPİ	PROF. DR. BUKET ERER DEL CASTELLO
69	20110800014	AHMET FATİH	USLU	PROF. DR. ORHAN TARÇIN
70	20110800051	BERFİN GİZEM	USLU	PROF. DR. ORHAN TARÇIN
71	20120800021	MERİÇ	ÜLGEN	PROF. DR. ORHAN TARÇIN
72	20110800001	FATMA TUĞÇE	YAVUZ	DOÇ. DR. MELTEM ERGÜN
73	20110800036	EYLÜL	YERAL	DOÇ. DR. MELTEM ERGÜN
74	20130800086	ASLI DENİZ	YERLİKAYA	DOÇ. DR. MELTEM ERGÜN
75	20110800061	MEHMET İSKENDER	YILDIRIM	PROF. DR. ERCAN KOCAKOÇ
76	20110800050	CEMRE	YILMAZ	PROF. DR. ERCAN KOCAKOÇ
77	20140800094	HALİME HELİN	YILMAZ	PROF. DR. ERCAN KOCAKOÇ
78	20120800081	MUSTAFA FADİL	YUNIS	YRD. DOÇ. DR. ORHAN ÖNDER EREN
79	20120800019	FATMA PINAR	ZİYADANOĞLU	YRD. DOÇ. DR. ORHAN ÖNDER EREN
80	20110800046	BURHAN	ZORLU	YRD. DOÇ. DR. ORHAN ÖNDER EREN

RECOMMENDED TEXTBOOKS FOR PHASE IV

DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
INTERNAL MEDICINE	Harrison's Principles of Internal Medicine Edited by Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo, -The Merck Manual of Diagnosis and Therapy. Edited by Porter RS, Kaplan JL -Current Opinion in Internal Medicine. Edited by: H David Humes -Cecil medicine. Edited by Lee Goldman, MD and Andrew I. Schafer -Handbook of Nephrology & Hypertension Edited by Christopher S. Wilcox, C. Craig Tisher -Netter's Gastroenterology. Edited by M Floch -Yeditepe Üniversitesi Tıp Fakültesi İç Hastalıkları Semiyoloji Kitabı Editör Prof Dr. Yaşar Küçükardalı ▪ İNTERNET LİNKLERİ; - 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: Pediatrics, 21ed	(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	THORASIC SURGERY, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akın 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, 2007.		
	Mayer D. Essential Evidence-based Medicine. Second Edition 2010. Cambridge University Press.		
	R. Brian Haynes, David L. Sackett, Gordon H. Guyatt, and Peter Tugwell. Clinical Epidemiology: How to do clinical practice research. Third edition, 2006. Lippincott Williams & Wilkins.		
	Howick J. The philosophy of evidence-based medicine. 2011, Blackwell Publishing Ltd.		
	Greenhalgh T. How to read a paper: the basics of evidence-based medicine. Fourth edition, 2010. BMJ Books		

CLERKSHIP PROGRAMS (41 WEEKS)

TRANSITION to CLINICAL SETTINGS (1 week)

INTERNAL MEDICINE (10 weeks)

CHILD HEALTH AND PEDIATRICS (10 weeks)

GENERAL SURGERY (6 weeks)

OBSTETRICS AND GYNECOLOGY (6 weeks)

CARDIOLOGY (2 weeks)

CARDIOVASCULAR SURGERY (2 weeks)

THORACIC SURGERY (1 week)

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY (1 week)

CLINICAL ETHICS (1 week)

PUBLIC HEALTH (1 week)

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

PHASE IV

ASSESSMENTS

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

Clerkship Examination :

- A) Written Assessment** : Written Examination
- Number of Questions in WE : 50-100
- Question Type Distribution * : 60% Multiple Choice Questions (MCQ)
20% Extended Match Questions(EMQ)
20% Key Features Examination

B) Clinical / Practical Assessments and Observation:

Objective Structured Oral Examination

Practical Examination

Clerkship Guide

Portfolio

Presentation

Seminars

Mini Clinic Examination

***Figures are percentages of points in total written exam score.**

Figures do not correspond to exact number of questions.

Yeditepe 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 Yeditepe 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 Yeditepe 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 Yeditepe University **for up to one school year**. In addition, student may lose any academic and non academic scholarships given by the Yeditepe University **for up to four years**. The appropriate sanctions are determined by the Yeditepe University administration according to egregiousness of the Policy violation

**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE - PHASE IV
TRANSITION TO CLINICAL SETTINGS**

	Monday 31.Agu.2015	Tuesday 1.Sep.2015	Wednesday 2.Sep.2015	Thursday 3.Sep.2015	Friday 4.Sep.2015
09.00- 09.45	Introductory Session Introduction To Clerkship Program, (Pre-test/MCQ) <i>Selami Sözübir, Serdar Özdemir</i> Classroom: B311	Interactive Lecture Verbal Communication and Listening <i>Banu Bıçakçı</i> Classroom: B311	Movie Session Commentary Writing <i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Naz Berfu Akbaş</i> Classroom: Güzel Sanatlar Fakültesi Cep Sineması	Interactive Lecture Introduction to Leadership and Management <i>Sibel Temur</i> Classroom: B311	Independent Learning Preparation for the Exam
10.00-10.45	Lecture Quality Improvement and International Patient Safety <i>Selami Sözübir</i>	Discussions (Small Groups) Verbal Communication <i>B. Bıçakçı, P. Hürmeriç, G. Aydın, B. Ülger, N. Üçer, Ö. Akkaya</i>		Discussion (Large Group) Leadership and Management <i>Sibel Temur, Serdar Özdemir</i> Classroom: B311	
11.00-11.30	Lecture Infection Control Program <i>Meral Sönmezoğlu, Sibel Afacan</i>	Discussions (Small Groups) Listening <i>B. Bıçakçı, P. Hürmeriç, G. Aydın, B. Ülger, N. Üçer, Ö. Akkaya</i>	Discussion (Large Group) <i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Naz Berfu Akbaş</i> Classroom: Güzel Sanatlar Fakültesi Cep Sineması		
11.30-12.00	Lecture Drug Safety <i>Selami Sözübir, Anıl Sönmez</i>				
12.00-13.00	Lunch				
13.00-13.45	Lecture Emergency Management <i>Selami Sözübir, Fadıl Sarıgüllü</i>	Interactive Lecture Non-Verbal Communication <i>Pelin Hürmeriç</i>	Lecture Theory of Mind <i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Naz Berfu Akbaş</i> Classroom: B311	Problem Solving Case Study (Small Groups) Time Management and Motivation <i>Tayfun Birakoğlu</i> Classroom: B311 veya Rektörlük Mavi Salon	Assessment Session Written Exam (Post-test/MCQ) <i>Jale Çoban Vildan Öztürk</i> Classroom: B311
14.00-14.45	Interactive Lecture Introduction to Communication <i>Banu Bıçakçı</i>	Interactive Lecture Non-Verbal Communication <i>Pelin Hürmeriç</i>	Lecture Transference and Countertransference , Empathy <i>Hakan Atalay, Oğuzhan Zahmacioğlu, Naz Berfu Akbaş</i>		Program Evaluation Session Evaluation of the Clerkship Program <i>Jale Çoban Vildan Öztürk</i> Classroom: B311
15.00-15.45	Interactive Lecture Introduction to Communication <i>Banu Bıçakçı</i>	Discussions (Small Groups) Non-Verbal Communication <i>B. Bıçakçı, P. Hürmeriç, G. Aydın, B. Ülger, N. Üçer, Ö. Akkaya</i>	Discussions (Small Groups) Transference and Countertransference , Empathy		
16.00-17.00	Discussions (Small Groups) Perception <i>B. Bıçakçı, P. Hürmeriç, G. Aydın, B. Ülger, N. Üçer, Ö. Akkaya</i> Classrooms: B314, B315, B316, B317, B318, B319	Discussions (Small Groups) Non-Verbal Communication <i>B. Bıçakçı, P. Hürmeriç, G. Aydın, B. Ülger, N. Üçer, Ö. Akkaya</i>	<i>Hakan Atalay, Oğuzhan. Zahmacioğlu, Naz Berfu Akbaş Arzu Akalın Jale Çoban Vildan Öztürk</i>	Reflection Session Learning Project <i>Selami Sözübir, Banu Bıçakçı, Hakan Atalay, Tayfun Birakoğlu, Serdar Özdemir</i> Classroom: B311	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

INTERNAL MEDICINE CLERKSHIP

LECTURERS

DISCIPLINE	FACULTY
ENDOCRINOLOGY	Hasan AYDIN, MD Assoc. Prof.
GASTROENTEROLOGY	Orhan TARÇIN, MD Prof.
	Meltem ERGÜN, MD Assoc. Prof.
	Atakan YEŞİL, MD Assoc. Prof.
HEMATOLOGY	Hasan Atilla ÖZKAN, MD Assoc. Prof.
INFECTIOUS DISEASES	Meral SÖNMEZOĞLU, MD Prof.
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof.
MEDICAL ONCOLOGY	Başak OYAN ULUÇ, MD Prof.
	Özlem SÖNMEZ, MD Assist. Prof.
	Orhan Önder EREN, MD Assist. Prof.
RESPIRATORY SYSTEM	Sevda ÖZDOĞAN, MD Prof.
NEPHROLOGY	Gülçin KANTARCI, MD Prof.
	Zehra EREN, MD Assoc. Prof.
RHEUMATOLOGY	Müge BIÇAKÇIĞİL KALAYCI, MD Assoc. Prof.
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	Refik DEMİRTUNÇ, MD Assoc. Prof. Funda TÜRKMEN, MD Assoc. Prof.

YEDİTEPE UNIVERSITY
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PHASE IV
INTERNAL MEDICINE CLERKSHIP

AIM AND LEARNING OBJECTIVES

AIM

1. **to 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. **to remind** necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology,
 - 2.2. **to remind** knowledge on epidemiology,
 - 2.3. **to remind** knowledge on frequently encountered clinical complaints, symptoms, signs and findings,
3. **to 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. **to remind** knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system,
5. **equip** students **with** necessary knowledge, skills and attitudes required for an appropriate approach to healthy and sick adults,
6. **convey** necessary knowledge on preventive healthcare measures,
7. **equip** students **with** necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults,
8. **equip** students **with** necessary knowledge, skills and attitudes required to perform primary care prophylaxis and treatment,
9. **equip** students **with** necessary knowledge, skills and attitudes to refer patient to advanced healthcare units upon indication

LEARNING OBJECTIVES

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

KNOWLEDGE

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

SKILLS

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

ATTITUDES

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

COMPETENCIES

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

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

INTERNAL MEDICINE CLERKSHIP

ASSESSMENTS

EXAMINATION MATRIX

CLERKSHIP EXAMS:

Assessment Modalities:

Theoretical Exam:

Written Theoretical Exam: 40% of total score

Question Type Distribution: 90% Multiple Choice Questions
10% Extended Matching Questions

Oral Theoretical Examination: 40% of total score

Practical Examination: 15% of total score

(Portfolio preparation, Clinical performance at outpatient wards, Clinical performance at inpatient wards, Clinical performance at night shifts)

Mini Clinical Examination: 5% of total score

INCOMPLETE EXAM:

Assessment Modality: Oral Theoretical Examination

INTERNAL MEDICINE

(10 weeks)

07.09.2015 - 13.11.2015

(GROUP A)

INTERNAL MEDICINE CLERKSHIP PROGRAM- Group A

1st WEEK / 07-11 Sep 2015

	Monday 07-Sep-2015	Tuesday 08-Sep-2015	Wednesday 09-Sep-2015	Thursday 10-Sep-2015	Friday 11-Sep-2015
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	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)
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Examination of Respiratory System <i>Emine Sevda Özdoğan</i>	Lecture Examination of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Asthma <i>Emine Sevda Ozdoğan</i>	Lecture Genitourinary Tract Infections <i>Meral Sönmezoğlu</i>
	Lecture Taking history <i>Orhan Tarçın</i>				
14.30- 15.20	Lecture Examination of Head And Neck <i>Yaşar Küçükardalı</i>	Lecture Examination of the Abdomen <i>Meltem Ergün</i>	Lecture Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Chronic Obstructive Lung Disease And Corpulmonale <i>Emine Sevda Ozdoğan</i>	Lecture Fever of Unknown Origin <i>Meral Sönmezoğlu</i>
15.30- 17.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP A

IInd WEEK / 14-18 Sep 2015

	Monday 14-Sep-2015	Tuesday 15-Sep-2015	Wednesday 16-Sep-2015	Thursday 17-Sep-2015	Friday 18-Sep-2015
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	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)
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Pneumonia <i>Emine Sevdâ Özdoğan</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Zehra Eren</i>	Lecture Tuberculosis <i>Emine Sevdâ Özdoğan</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.30- 15.20	Lecture Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Zehra Eren</i>	Lecture Hypertensive Disorders in Pregnancy <i>Zehra Eren</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acute Arthritis (Mono-Oligo And Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>
15.30- 16.20	Lecture Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Clinical Skills Learning YUH (Physical Examination)	Clinical Skills Learning YUH (Physical Examination)	Clinical Skills Learning YUH (Physical Examination)	Clinical Skills Learning YUH (Physical Examination)
1630-17.30	Independent Learning				

INTERNAL MEDICINE CLERKSHIP PROGRAMME- GROUP A

IIIrd WEEK / 21-25 Sep 2015

	Monday 21-Sep-2015	Tuesday 22-Sep-2015	Wednesday 23-Sep-2015	Thursday 24-Sep-2015	Friday 25-Sep-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Religious Holiday	
10.00- 11.50	Clinical Experience (Inpatient-HTRH) (All Subgroups)	Clinical Experience (Inpatient-HTRH) (All Subgroups)	Clinical Experience (Inpatient-HTRH) (All Subgroups)		
12.00- 13.30	Lunch	Lunch	Lunch		
13.30- 14.20	Lecture Pulmonary Thromboembolism <i>Emine Sevda Özdoğan</i>	Lecture Goiter And Thyroid Cancer <i>Hasan Aydın</i>	Religious Holiday		
14.30- 15.20	Lecture Disorders Of Pleura, Mediastinum, Diaphragm <i>Emine Sevda Özdoğan</i>	Lecture Environmental Lung Diseases <i>Emine Sevda Özdoğan</i>			
15.30- 17.30	Clinical Skills Learning YUH (Physical Examination)	Clinical Skills Learning YUH (Physical Examination)			

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP A

IVth WEEK / 28 Sep-2 Oct 2015

	Monday 28-Sep-2015	Tuesday 29-Sep-2015	Wednesday 30-Sep-2015	Thursday 1-Oct-2015	Friday 11-Oct-2015
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)
	Subgroup A1 Common Outpatient Clinic Subgroup A2 Emergency Care Service Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Common Outpatient Clinic Subgroup A2 Emergency Care service Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Common Outpatient Clinic Subgroup A2 Emergency Care Service Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Common Outpatient Clinic Subgroup A2 Emergency Care Service Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Common Outpatient Clinic Subgroup A2 Emergency Care Service Subgroup A3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Dyspepsia <i>Atakan Yeşil</i>	Lecture Foreign Body of GIS <i>Meltem Ergün</i>	Lecture Liver Enzyme Disorder <i>Orhan Tarçın</i>	Lecture Approach to the Patients with Anemia <i>Hasan Atilla Özkan</i>
14.30- 15.20	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Diarrhea <i>Atakan Yeşil</i>	Lecture Ascites <i>Meltem Ergün</i>	Lecture Chronic Hepatitis <i>Meltem Ergün</i>	Lecture Approach to the Patients with Increased Blood Counts <i>Hasan Atilla Özkan</i>
15.30- 16.20	Lecture Approach Ach to the Patient with Hemoragic Diathesis <i>Hasan Atilla Özkan</i>	Clinical Skills Learning YUH (history taking)	Clinical Skills Learning YUH (history taking)	Clinical Skills Learning YUH (history taking)	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
16.20-17.30	Independent Learning				Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP A

Vth WEEK / 05-09 Oct 2015

	Monday 05-Oct-2015	Tuesday 06-Oct-2015	Wednesday 07-Oct-2015	Thursday 08-Oct-2015	Friday 09-Oct-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup A1 Common Outpatient Clinic Subgroup A2 Clinical Experience Inpatient Subgroup A3 Emergency Care Service	Subgroup A1 Common Outpatient Clinic Subgroup A2 Clinical Experience Inpatient Subgroup A3 Emergency Care Service	Subgroup A1 Common Outpatient Clinic Subgroup A2 Clinical Experience Inpatient Subgroup A3 Emergency Care Service	Subgroup A1 Common Outpatient Clinic Subgroup A2 Clinical Experience Inpatient Subgroup A3 Emergency Care Service	Subgroup A1 Common Outpatient Clinic Subgroup A2 Clinical Experience Inpatient Subgroup A3 Emergency Care Service
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Lecture Cirrhosis and Hepatic Coma <i>Atakan Yeşil</i>	Lecture Dysphagia <i>Meltem Ergün</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Zehra Eren</i>
14.30- 15.20	Lecture Approach to Abdominal Pain <i>Yaşar Küçükardalı</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Constipation <i>Atakan Yeşil</i>	Lecture Gastrointestinal Bleeding <i>Orhan Tarçın</i>	Lecture Approach to the Patient with Acid-Base Disorders <i>Zehra Eren</i>
15.30- 16.20	Lecture Colorectal cancer <i>Özlem Sönmez</i>	Clinical Skills Learning Yuh (History Taking)	Clinical Skills Learning Yuh (History Taking)	Clinical Skills Learning YUH (History Taking)	Lecture Approach to the Patients with Cytopenia <i>Hasan Atilla Özkan</i>
16.20-17.30	Independent Learning				Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP A

VIth WEEK / 12-16 Sep 2015

	Monday 12-Oct-2015	Tuesday 13-Oct-2015	Wednesday 14-Oct-2015	Thursday 15-Oct-2015	Friday 16-Oct-2015
08.30- 09:50	Ward Round-HTRH (All Subgroups)	Ward Round-HTRH (All Subgroups)	Ward Round-HTRH (All Subgroups)	Ward Round-HTRH (All Subgroups)	Ward Round-HTRH (All Subgroups)
10.00- 11.50	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Treatment of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Sepsis and Septic Shock <i>Yaşar Küçükardalı</i>	Lecture Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
14.30- 15.20	Lecture Drug Interaction <i>Yaşar Küçükardalı</i>	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Splenomegaly and Lymphadenopathies <i>Hasan Atilla Özkan</i>	Lecture Therapeutic Approach to AIDS and Related Opportunistic Disorders <i>Meral Sönmezoğlu</i>	Lecture Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
15.30- 17.30	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP A

VIIth WEEK / 19-23 Oct 2015

	Monday 19-Oct-2015	Tuesday 20-Oct-2015	Wednesday 21-Oct-2015	Thursday 22-Oct-2015	Friday 23-Oct-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Common Outpatient Clinic Subgroup A3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Infectious Diseases Emergencies <i>Meral Sönmezoğlu</i>	Lecture Hypoparathyroidis m <i>Hasan Aydın</i>	Lecture Introduction to Clinical Oncology <i>Başak Oyan Uluç</i>	Lecture Approach to the Patient with Chronic Kidney disease <i>Gülçin Kantarcı</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>
14.30- 15.20	Lecture Infectious Diseases Emergencies <i>Meral Sönmezoğlu</i>	Lecture Hyperparathyroidi sm <i>Hasan Aydın</i>	Lecture Screening and Early Diagnosis in Oncology <i>Başak Oyan Uluç</i>	Lecture Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Endocrine Hypertension <i>Hasan Aydın</i>
15.30- 17.30	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH	Discussion Small Group YUH

INTERNAL MEDICINE CLERKSHIP PROGRAMME- GROUP A

VIIIth WEEK / 26-30 Oct 2015

	Monday 26-Oct-2015	Tuesday 27-Oct-2015			Wednesday 28-Oct-2015			Thursday 29-Oct-2015	Friday 30-Oct-2015			
08.30- 09:50	Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)			Ward Round- HTRH (All Subgroups)		
10.00- 11.50	Subgroup A1 Emergency Care Service Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic			Subgroup A1 Emergency Care Service Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic			Subgroup A1 Emergency Care Service Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic			Subgroup A1 Emergency Care Service Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic		
12.00- 13.30	Lunch			Lunch			National Holiday			Independent Learning		
13.30- 14.20	Lecture Cushing's Syndrome <i>Hasan Aydın</i>			Lecture Approach to Elderly Patients <i>Yaşar Küçükardalı</i>								
14.30- 15.20	Lecture Oncologic Emergencies <i>Özlem Sönmez</i>			Lecture Approach to Elderly Patients <i>Yaşar Küçükardalı</i>								
15.30- 16.20	Lecture Hospital Infections <i>Meral Sönmezoğlu</i>			Independent Learning								
16.20-17.30	Independent Learning											

INTERNAL MEDICINE CLERKSHIP PROGRAMME- GROUP A

IXth WEEK / 02-06 Nov 2015

	Monday 02-Nov-2015	Tuesday 03- Nov-2015	Wednesday 04- Nov-2015	Thursday 05- Nov-2015	Friday 06- Nov-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic	Subgroup A1 Clinical Experience Inpatient Subgroup A2 Clinical Experience Inpatient Subgroup A3 Common Outpatient Clinic
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patients with Lymphoprolifera tive Disorders <i>Hasan Atilla Özkan</i>	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>	Lecture Management of Cancer Pain <i>Başak Oyan Uluç</i>	Lecture Lung Cancer <i>Başak Oyan Uluç</i>	Lecture Transfusion Indications and Reactions <i>Meral Sönmezoğlu</i>
14.30- 15.20	Lecture Principles of Chemotherapy and Complications <i>Özlem Sönmez</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulapat hy <i>Hasan Atilla Özkan</i>	Lecture Breast Cancer <i>Başak Oyan Uluç</i>	Lecture Cardiopulmonary Resuscitation <i>Yaşar Küçükardalı</i>
15.30- 16.20	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.30-17.30	Independent Learning				

INTERNAL MEDICINE CLERKSHIP PROGRAMME- GROUP A

Xth WEEK / 09-13 Nov 2015

	Monday 09-Nov-2015	Tuesday 10-Nov-2015	Wednesday 11-Nov-2015	Thursday 12-Nov-2015	Friday 13-Nov-2015
09.00- 12.00	Independent Learning	Commemoration of Atatürk	Assessment Session (Written Exam)	Independent Learning	Assessment Session (Final exam)
13.00- 14.00			Program Evaluation Session Review of the Exam Questions, Evaluation of the Program <i>Head of Commitee</i>		
14.00-17.30			Independent Learning		

INTERNAL MEDICINE

30.11.2015 - 05.02.2016

(10 weeks)

(B)

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

Ist WEEK / 30-Nov -04-Dec 2015

	Monday 30-Nov-2015	Tuesday 01-Dec-2015	Wednesday 02-Dec-2015	Thursday 03-Dec-2014	Friday 04-Dec-2015
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	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)
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Introductory Session Introduction to Internal Medicine Clerkship (13.30-13.40) <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Examination of Respiratory System <i>Emine Sevda Özdoğan</i>	Lecture Examination of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Asthma <i>Emine Sevda Özdoğan</i>	Lecture Genitourinary Tract Infections <i>Meral Sönmezoğlu</i>
	Lecture (13.40-14.20) Taking history <i>Orhan Tarçın</i>				
14.30- 15.20	Lecture Examination of Head And Neck <i>Yaşar Küçükardalı</i>	Lecture Examination of the Abdomen <i>Meltem Ergün</i>	Lecture Examination of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Emine Sevda Özdoğan</i>	Lecture Fever of Unknown Origin <i>Meral Sönmezoğlu</i>
15.30- 17.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

IInd WEEK / 07-11 Dec 2015

	Monday 07-Dec-2015	Tuesday 08-Dec-2015	Wednesday 09-Dec-2015	Thursday 10-Dec-2015	Friday 11-Dec-2015
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	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)
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Pneumonia <i>Emine Sevdâ Özdoğan</i>	Lecture Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Zehra Eren</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.30- 15.20	Lecture Tuberculosis <i>Emine Sevdâ Özdoğan</i>	Lecture Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Zehra Eren</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>	Lecture Approach to the Patient with Acute Arthritis (Mono-Oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>
15.30- 16.20	Clinical Skills Learning Yuh (Physical Examination)	Clinical Skills Learning Yuh (Physical Examination)	Clinical Skills Learning Yuh (Physical Examination)	Clinical Skills Learning Yuh (Physical Examination)	Lecture Hypertensive Dsorders in Pregnancy <i>Zehra Eren</i>
16.30-17.30					Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

IIIrd WEEK / 14-18 Dec 2015

	Monday 14-Dec-2015	Tuesday 15-Dec- 2015	Wednesday 16- Dec 2015	Thursday 17- Dec -2015	Friday 18- Dec -2015
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	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)
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Pulmonary Thromboembolism <i>Emine Sevda Özdoğan</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</i>	Lecture Approach to the Patients with Anemia <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patient with Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>
14.30- 15.20	Lecture Disorders of Pleura, Mediastinum, Diaphragm <i>Emine Sevda Özdoğan</i>	Lecture Environmental Lung Diseases <i>Emine Sevda Özdoğan</i>	Lecture Approach to the Patients with Increased Blood Counts <i>Hasan Atilla Özkan</i>	Lecture Approach to Abdominal Pain <i>Yaşar Küçükardalı</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>
15.30- 16.20	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
16.30-17.30					Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

IVth WEEK / 21- 25 Dec 2015

	Monday 21- Dec- 2015	Tuesday 22- Dec -2015	Wednesday 23- Dec -2015	Thursday 24- Dec -2015	Friday 25- Dec -2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup B1 Common Outpatient Clinic Subgroup B2 Emergency Care Service Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Common Outpatient Clinic Subgroup B2 Emergency Care Service Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Common Outpatient Clinic Subgroup B2 Emergency Care Service Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Common Outpatient Clinic Subgroup B2 Emergency Care Service Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Common Outpatient Clinic Subgroup B2 Emergency Care Service Subgroup B3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Dyspepsia <i>Atakan Yeşil</i>	Lecture Foreign Body of GIS <i>Meltem Ergün</i>	Lecture Liver Enzyme Disorder <i>Orhan Tarçın</i>	Lecture Cirrhosis and Hepatic Coma <i>Atakan Yeşil</i>
14.30- 15.20	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Diarrhea <i>Atakan Yeşil</i>	Lecture Ascites <i>Meltem Ergün</i>	Lecture Chronic Hepatitis <i>Meltem Ergün</i>	Lecture Constipation <i>Atakan Yeşil</i>
15.30- 17.30	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Clinical Skills Learning YUH (History Taking)	Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

Vth WEEK / 28- Dec- 2015 01-Jan-2016

	Monday 28-Dec-2015	Tuesday 29- Dec -2015	Wednesday 30- Dec -2015	Thursday 31- Dec -2015	Friday 01-Jan-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	New year
10.00- 11.50	Subgroup B1 Common Outpatient Clinic Subgroup B2 Clinical Experience Inpatient Subgroup B3 Emergency Care Service	Subgroup B1 Common Outpatient Clinic Subgroup B2 Clinical Experience Inpatient Subgroup B3 Emergency Care Service	Subgroup B1 Common Outpatient Clinic Subgroup B2 Clinical Experience Inpatient Subgroup B3 Emergency Care Service	Subgroup B1 Common Outpatient Clinic Subgroup B2 Clinical Experience Inpatient Subgroup B3 Emergency Care Service	
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	
13.30- 14.20	Lecture Dysphagia <i>Meltem Ergün</i>	Lecture Approach to the Patient with Acid- Base Disorders <i>Zehra Eren</i>	Lecture Splenomegaly and Lymphadenopathies <i>Hasan Atilla Özkan</i>	Independent Learning	
14.30- 15.20	Lecture Gastrointestinal Bleeding <i>Orhan Tarçın</i>	Lecture Approach to the Patient with Acid- Base Disorders <i>Zehra Eren</i>	Lecture Approach to the Patients with Cytopenia <i>Hasan Atilla Özkan</i>		
15.30- 17.30	Independent Learning	Independent Learning	Independent Learning		

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

VIth WEEK / 04-08 Jan 2016

	Monday 04-Jan-2016	Tuesday 05-Jan-2016	Wednesday 06-Jan-2016	Thursday 07-Jan-2016	Friday 08-Jan-2016
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Approach to the Patient with Vasculitis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Treatment of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Sepsis Ve Septic Shock <i>Yaşar Küçükardalı</i>	Lecture Approach To The Patient With Acute Kidney Injury <i>Gülçin Kantarcı</i>
14.30- 15.20	Lecture Drug Interaction <i>Yaşar Küçükardalı</i>	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders <i>Hasan Atilla Özkan</i>	Lecture Therapeutic Approach to AIDS and Related Opportunistic Disorders <i>Meral Sönmezoğlu</i>	Lecture Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
15.30- 17.30	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)

INTERNAL MEDICINE CLERKSHIP PROGRAMME- GROUP B

VIIth WEEK / 11-15-Jan-2016

	Monday 11-Jan-2016	Tuesday 12-Jan-2016	Wednesday 13-Jan-2016	Thursday 14-Jan-2016	Friday 15-Jan-2016
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Common Outpatient Clinic Subgroup B3 Clinical Experience Inpatient
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Infectious diseases emergencies <i>Meral Sönmezoğlu</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</i>	Lecture Introduction to clinical oncology <i>Başak Oyan Uluç</i>	Lecture Approach to the patient with chronic kidney disease <i>Gülçin Kantarcı</i>	Lecture Metabolic syndrome <i>Hasan Aydın</i>
14.30- 15.20	Lecture Infectious diseases emergencies <i>Meral Sönmezoğlu</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Screening and early diagnosis in oncology <i>Başak Oyan Uluç</i>	Lecture Approach to the patient with chronic kidney disease <i>Gülçin Kantarcı</i>	Lecture Endocrine hypertension <i>Hasan Aydın</i>
15.30- 17.30	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)	Discussion Small Group (YUH)

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

VIIIth WEEK / 18-22-Jan-2016

	Monday 18-Jan-2015	Tuesday 19-Jan-2015	Wednesday 20-Jan-2015	Thursday 21-Jan-2015	Friday 22-Jan-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup B1 Emergency Care Service Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Emergency Care Service Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Emergency Care Service Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Emergency Care Service Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Emergency Care Service Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Cushing's Syndrome <i>Hasan Aydın</i>	Lecture Approach to Elderly Patients <i>Yaşar Küçükardalı</i>	Lecture Colorectal Cancer <i>Özlem Sönmez</i>	Lecture Management of Cancer Pain <i>Başak Oyan Uluç</i>	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>
14.30- 15.20	Lecture Oncologic Emergencies <i>Özlem Sönmez</i>	Lecture Approach to Elderly Patients <i>Yaşar Küçükardalı</i>	Lecture Principles of Chemotherapy and Complications <i>Özlem Sönmez</i>	Lecture Approach Ach to the Patient with Hemoragic Diathesis <i>Hasan Atilla Özkan</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>
15.30- 17.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

IXth WEEK / 25-29 Jan 2016

	Monday 25-Jan-2015	Tuesday 26-Jan-2015	Wednesday 27-Jan-2015	Thursday 28-Jan-2015	Friday 29-Jan-2015
08.30- 09:50	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)	Ward Round- HTRH (All Subgroups)
10.00- 11.50	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic	Subgroup B1 Clinical Experience Inpatient Subgroup B2 Clinical Experience Inpatient Subgroup B3 Common Outpatient Clinic
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 14.20	Lecture Hospital Infections <i>Meral Sönmezoğlu</i>	Lecture Lung cancer <i>Başak Oyan Uluç</i>	Lecture Transfusion indications and reactions <i>Meral Sönmezoğlu</i>	Independent Learning	Independent Learning
14.30- 15.20	Lecture Diagnosis and management of hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Breast cancer <i>Başak Oyan Uluç</i>	Lecture Cardiopulmonary resuscitation Yaşar Küçükardalı		
15.30- 16.20	Independent Learning	Independent Learning	Metabolic bone disease Hasan Aydın		
16.20-17.30			Independent Learning		

INTERNAL MEDICINE CLERKSHIP PROGRAMME-GROUP B

Xth WEEK / 01-05 Feb 2016

	Monday 01. Feb-2016	Tuesday 02. Feb-2016	Wednesday 03. Feb-2016	Thursday 04. Feb-2016	Friday 05. Feb-2016	
08.30- 09:50	Independent Learning	Independent Learning	Assessment Session (Written Exam)	Independent Learning	Assessment Session (Final Exam)	
10.00- 11.50			Program Evaluation Session Review of the Exam Questions, Evaluation of the Committee II Program <i>Head of Committee</i>			
12.00- 14.00						
14.00-17.30			Independent Learning			

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CHILD HEALTH and PEDIATRICS
YEDİTEPE UNIVERSITY HOSPITAL**

Filiz Bakar, MD. Prof.

Buket Erer DelCastello, MD. Prof.

Sabri Kemahlı, MD, Prof.

Suat Biçer, MD. Assoc. Prof.

Meltem Uğraş, MD. Assoc. Prof.

Hülya Sarıçoban, MD, Assoc. Prof.

Sema Yılmaz, MD, Assoc. Prof.

Öznur Küçük, MD. Assist. Prof.

Defne Çöl, MD. Assist. Prof.

Mustafa Berber, Assist. Prof.

Tuba Giray, MD. Lecturer

&

DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Chief of the Department of Child Health and Pediatrics: Yasemin Akın, MD. Assoc Prof.

PEDIATRICS

AIM

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

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,
- 7.0. supply basic life support to neonates and children,
- 8.0. collect pharyngeal swab, fecal and urine cultures,
- 9.0. evaluate results of
 - 9.1 peripheral blood smear,
 - 9.2 urine test and sediment
 - 9.3 arterial blood gas
 - 9.4 complete blood count
 - 9.5 pediatric ECG
 - 9.6 serum electrolytes, renal function tests, hepatic function tests and thyroid function tests
 - 9.7 chest X-rays
- 7.0. supply basic life support to neonates and children,
- 8.0. collect pharyngeal swab, fecal and urine cultures,
- 9.0. evaluate results of

- 9.1 peripheral blood smear,
- 9.2 urine test and sediment
- 9.3 arterial blood gas
- 9.4 complete blood count
- 9.5 pediatric ECG
- 9.6 serum electrolytes, renal function tests, hepatic function tests and thyroid function tests
- 9.7 chest X-rays
- 10.0 care umbilicus in newborn
- 11.0 perform and evaluate results of
- 11.1 lumbar puncture,
- 11.2 cerebrospinal fluid analysis,
- 11.3 otoscopy and ophthalmoscopy,
- 11.4 occult blood test in stool,
- 11.5 microscopic examination of stool,
- 11.6 urethral catheter insertion,
- 11.7 nasogastric catheter insertion,
- 11.8 thoracentesis,
- 11.9 nebulizer use for patient,
- 11.10 pulse oximetry,
- 11.11 cardiac monitoring and ECG,
- 11.12 measurement of blood glucose with a glucometer,
- 11.13 application and follow up of phototherapy,
- 11.14 pedigree construction
- 12.0 observe and explain
- 12.1 bone marrow aspiration,
- 12.2 paracentesis,
- 12.3 exchange transfusion,
- 12.4 pulmonary function tests,
- 12.5 intraarticular intervention
- 12.6 liver, renal and rectal biopsies,
- 12.7 diagnostic and therapeutic endoscopy,

- 12.8 echocardiography,
- 12.9 cardiac catheterization,
- 12.10 application of prick test
- 12.11 endocrinological provocation and inhibition tests,
- 12.12 nasal smear,
- 12.13. 24 hour pH monitoring and reflux tests,
- 12.14. gastrointestinal motility,

ATTITUDES

13.0 **assimilate** principles of

- 13.1 respecting patient rights and establishing well-balanced relations with patients' relatives,
- 13.2 maintaining good relations with colleagues and teaching staff, and being analytical and research orientated,
- 13.3 maintaining good relations with health staff,
- 13.4 asking for consultation,
- 13.5 using written and on-line sources correctly,
- 13.6 giving clear and concise information about patient's condition to patient and family,
- 13.7 obeying infection control regulations when working in ward and outpatient clinics

CHILD HEALTH and PEDIATRICS CLERKSHIP PROGRAM- Group B

1st WEEK / 07-11 Sep 2015

	Monday 07-Sep-2015	Tuesday 08-Sep-2015	Wednesday 09-Sep-2015	Thursday 10-Sep-2015	Friday 11-Sep-2015
09.00- 09:50	Introduction to Pediatrics, History Taking and Physical Examination- <i>Filiz Bakar</i> YUH	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Lecture Basic Principles and Practice of Clinical Biochemistry <i>Serdar Öztezcan</i>
10.00- 10.50	Lecture Newborn Examination <i>Filiz Bakar</i>	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Lecture Growth and Development <i>Meltem Uğraş</i>
11.00-11.50	Lecture Respiratory System Examination <i>Hülya Sarıçoban</i>	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Lecture Growth Retardation <i>Meltem Uğraş</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Cardiovascular System Examination <i>Defne Çöl</i>	Lecture Gastrointestinal and Genitoürinary System Examination <i>Meltem Uğraş</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Nutrition <i>Meltem Uğraş</i>	Lecture Malnutrition <i>Meltem Uğraş</i>
14.00- 14.50	Lecture Electrocardiographic Principles <i>Defne Çöl</i>	Lecture Neurological Examination <i>Suat Biçer</i>	Lecture Perinatal Asphyxia and Neonatal Resuscitation <i>Filiz Bakar</i>	Case Study Nutrition <i>Meltem Uğraş</i>	Case Study Malnutrition & Growth Retardation <i>Meltem Uğraş</i>
15.00- 15.50	Independent Learning	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Suat Biçer</i>	Lecture Neonatal Hyperbilirubine mia <i>Filiz Bakar</i>	Lecture Pediatric Basic Life Support <i>Suat Biçer</i>	Lecture Respiratory Distress Syndrome <i>Mustafa Berber</i>
16.00-16.50	Independent Learning	Case Study Pediatric Assessment <i>Suat Biçer</i>	Case Study Perinatal Asphyxia&Neonatal Hyperbilirubine mia <i>Filiz Bakar</i>	Lecture Pediatric Advanced Life Support <i>Suat Biçer</i>	Case Study Respiratory Distress Syndrome <i>Mustafa Berber</i>

CHILD HEALTH and PEDIATRICS CLERKSHIP PROGRAMME- Group B

IInd WEEK / 14-18 Sep 2015

	Monday 14-Sep-2015	Tuesday 15-Sep-2015	Wednesday 16-Sep-2015	Thursday 17-Sep-2015	Friday 18-Sep-2015
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)	Lecture Urinalysis and Other Body Fluids <i>Jale Çoban</i>
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)	Lecture Renal function, electrolytes and acid-base balance <i>Jale Çoban</i>
11.00-11.50					Lecture Calcium metabolism hyperparatiroid ism, hypoparatiroidi sm <i>Jale Çoban</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Immunization Principles <i>Mustafa Berber</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Suat Biçer</i>	Lecture Vitamin Deficiencies <i>Yasemin Akın</i> (Kartal LKRH)	Lecture Intoxications <i>Suat Biçer</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Suat Biçer</i>
14.00- 14.50	Lecture Vaccination <i>Mustafa Berber</i>	Lecture Urticaria, Atopic Dermatitis <i>Hülya Sariçoban</i>	Lecture Rickets <i>Yasemin Akın</i> (Kartal LKRH)	Lecture Acid-Base Disorders <i>Suat Biçer</i>	Case study Fluid and Electrolyte Disorders <i>Suat Biçer</i>
15.00- 15.50	Lecture Approach to the Child With Fever <i>Suat Biçer</i>	Lecture Anaphylaxis <i>Hülya Sariçoban</i>	Case study Vitamin deficiencies& Rickets <i>Yasemin Akın</i> (Kartal LKRH)	Case study Intoxications & Acid-Base Disorders <i>Suat Biçer</i>	Independent Learning
16.00-16.50	Case study Child with fever <i>Suat Biçer</i>	Lecture Asthma <i>Hülya Sariçoban</i> Case study Urticaria&Anaph ylaxis-Asthma <i>Hülya Sariçoban</i>	Independent Learning	Lecture Respiratory Failure <i>Suat Biçer</i>	Independent Learning

CHILD HEALTH and PEDIATRICS CLERKSHIP PROGRAMME- Group B

IIIrd WEEK / 21-25 Sep 2015

	Monday 21-Sep-2015	Tuesday 22-Sep-2015	Wednesday 23-Sep-2015	Thursday 24-Sep-2015	Friday 25-Sep-2015
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Religious Holiday	
10.00- 11.50	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)		
12.00- 13.00	Lunch	Lunch	Lunch		
13.00- 13.50	Lecture Diagnostic Methods in Infectious Diseases <i>Gülden Çelik</i>	Lecture Introduction to Pediatric Genetics and Dysmorphology <i>Ayşegül Kuşkucu</i>	Religious Holiday		
14.00- 14.50	Independent Learning	Lecture Approach to the Dysmorphic Child <i>Ayşegül Kuşkucu</i>			
15.00- 15.50	Independent Learning	Lecture Common Genetic Disorder in Pediatrics <i>Ayşegül Kuskucu</i>			

CHILD HEALTH and PEDIATRICS CLERKSHIP PROGRAMME- Group B

IVth WEEK / 28 Sep - 2 Oct. 2015

	Monday 28-Sep-2015	Tuesday 29-Sep-2015	Wednesday 30-Sep-2015	Thursday 1-Oct-2015	Friday 2-Oct-2015
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)	Lecture Basic Principles and Practice of Clinical Biochemistry <i>Serdar Öztezcan</i>
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)	Lecture Growth and Development <i>Meltem Uğraş</i>
11.00-11.50					Lecture Growth Retardation <i>Meltem Uğraş</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Acute Glomerulonephri tis <i>Defne Çöl</i>	Lecture Acute Renal Failure <i>Öznur Küçük</i>	Lecture Urinary Tract Infections <i>Öznur Küçük</i>	Lecture Approach to the Patient with Convulsion <i>Suat Biçer</i>	Lecture Stroke <i>Suat Biçer</i>
14.00- 14.50	Lecture Nephrotic syndrome <i>Defne Çöl</i>	Lecture Chronic Renal Failure <i>Öznur Küçük</i>	Lecture Tubulopathies <i>Öznur Küçük</i>	Lecture Neonatal Convulsions <i>Meltem Uğraş</i>	Lecture Coma <i>Suat Biçer</i>
15.00- 15.50	Case Study Acute glomerulonephrit is&Nephrotic syndrome <i>Defne Çöl</i>	Case study Acute&Chronic renal failure <i>Öznur Küçük</i>	Case Study Urinary tract infections&Tubul opathies <i>Öznur Küçük</i>	Case Study Case study- Convulsions <i>Suat Biçer- Mustafa Berber</i>	Case Study Stroke & Coma <i>Suat Biçer</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

Vth WEEK / 05-09 Oct. 2015

	Monday 05-Oct-2015	Tuesday 06-Oct-2015	Wednesday 07-Oct-2015	Thursday 08-Oct-2015	Friday 09-Oct-2015
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)	Lecture Sepsis and Meningococce- mia <i>Suat Biçer</i>
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)	Case Study Sepsis and Meningococce- mia <i>Suat Biçer</i>
11.00-11.50					Lecture Fever of Unknown Origin <i>Öznur Küçük</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Case Study Fever of Unknown origin <i>Öznur Küçük</i>
13.00- 13.50	Lecture Maculopapular- Vesicular Diseases <i>Öznur Küçük</i>	Lecture Acute Gastroenteritis <i>Öznur Küçük</i>	Lecture Autoimmunity and Diagnostic Tests <i>Gülderen Yanikkaya Demirel</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lunch
14.00- 14.50	Lecture Tetanus, Diphtheria, Mumps <i>Öznur Küçük</i>	Lecture Parasitosis <i>Öznur Küçük</i>	Lecture Diagnostic Tests in Immune Deficiencies <i>Gülderen Yanikkaya Demirel</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	Lecture Intrauterin Infections <i>Mustafa Berber</i>
15.00- 15.50	Case Study Maculopapular- Vesicular Diseases& Tetanus, Diphtheria, Mumps <i>Öznur Küçük</i>	Case Study Acute Gastroenteritis & Parasitosis <i>Öznur Küçük</i>	Lecture Viral Paralytic Diseases <i>Öznur Küçük</i> Lecture Infections of CNS <i>Öznur Küçük</i>	Case Study Hepatitis <i>Meltem Uğraş</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>
16.00-16.50	Independent Learning	Independent Learning	Case study Viral Paralytic Diseases& Infections of CNS <i>Öznur Küçük</i>	Independent Learning	Case study Intrauterin&Neo natal Infections <i>Mustafa Berber</i>

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

VIth WEEK / 12-16 Oct. 2015

	Monday 12-Oct-2015	Tuesday 13-Oct-2015	Wednesday 14-Oct-2015	Thursday 15-Oct-2015	Friday 16-Oct-2015
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)	Lecture Liver Function and Enzymes <i>Jale Çoban</i>
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)	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
11.00-11.50					Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Abdominal Pain and Peptic Diseases, H. Pylori Infection <i>Meltem Uğraş</i>	Lecture GIS Bleeding <i>Meltem Uğraş</i>	Lecture Fe Deficiency and other nutritional anemias <i>Sabri Kemahlı</i>	Lecture Hematological and Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Malabsorption <i>Meltem Uğraş</i>
14.00- 14.50	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Celiac Disease <i>Meltem Uğraş</i>	Case study Nutritional Anemias <i>Sabri Kemahlı</i>	Lecture Thyroid Disorders and Congenital Hypothyroidism <i>Filiz Bakar</i>	Lecture Constipation <i>Meltem Uğraş</i>
15.00- 15.50	Case study Abdominal Pain and Peptic Diseases, H. Pylori Infection& Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Case study GIS Bleeding& Celiac Disease <i>Meltem Uğraş</i>	Independent Learning	Case study Thyroid Disorders and Congenital Hypothyroidism <i>Filiz Bakar</i>	Case study Malabsorption& Constipation <i>Meltem Uğraş</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

VIIth WEEK / 19-23 Oct. 2015

	Monday 19-Oct-2015	Tuesday 20-Oct-2015	Wednesday 21-Oct-2015	Thursday 22-Oct-2015	Friday 23-Oct-2015
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)	Lecture Diabetes Mellitus <i>Öznur Küçük</i>
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)	Lecture Diabetic Ketoacidosis <i>Öznur Küçük</i>
11.00-11.50					Case Study Diabetes Mellitus& Diabetic Ketoacidosis <i>Öznur Küçük</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Acute Rheumatic Fever <i>Defne Çöl</i>	Lecture Congenital Heart Diseases <i>Defne Çöl</i>	Lecture Diseases of Myocardium and Pericardium <i>Defne Çöl</i>	Lecture Shock <i>Suat Biçer</i>	Lecture Adrenal Hypofunction <i>Öznur Küçük</i>
14.00- 14.50	Lecture Infective Endocarditis <i>Defne Çöl</i>	Lecture Congenital Heart Diseases <i>Defne Çöl</i>	Lecture Congestive Heart Failure <i>Defne Çöl</i>	Case Study Shock <i>Suat Biçer</i>	Case Study Adrenal Hypofunction <i>Öznur Küçük</i>
15.00- 15.50	Case Study Acute Rheumatic Fever& Infective Endocarditis <i>Defne Çöl</i>	Case Study Congenital Heart Diseases <i>Defne Çöl</i>	Case Study Congestive Heart Failure <i>Defne Çöl</i>	Lecture Hypophyseal diseases (Cushing syndrome, diabetes insipidus, hyperthyroidism) <i>Defne Çöl</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Case Study Hypophyseal Diseases <i>Defne Çöl</i>	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

VIIIth WEEK / 26-30 Oct. 2015

	Monday 26-Oct-2015	Tuesday 27-Oct-2015	Wednesday 28-Oct-2015	Thursday 29-Oct-2015	Friday 30-Oct-2015
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	REPUBLIC DAY	Lecture Hematology and Coagulation <i>Jale Çoban</i>
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)		Lecture Inborn Erros of Metabolism <i>Öznur Küçük</i>
11.00-11.50					Case study Inborn Erros of Metabolism <i>Öznur Küçük</i>
12.00- 12.50	Lunch	Lunch	Lunch		Lunch
13.00- 13.50	Lecture Cirrhosis, Portal Hypertension <i>Meltem Uğraş</i>	Lecture Introduction to Pediatic Oncology; Lymph Nodes and Abdominal Masses <i>Sema Yılmaz</i>	Lecture Haemoglobinop athies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer DelCastello</i>		Lecture Cerebral Palsy <i>Öznur Küçük</i>
14.00- 14.50	Lecture Obesity <i>Meltem Uğraş</i>	Lecture Malignancy in Childhood <i>Sema Yılmaz</i>	Lecture Blood Transfusions and Complications <i>Sema Yılmaz</i>		Case Study Cerebral Palsy <i>Öznur Küçük</i>
15.00- 15.50	Lecture Hematopoietic Stem Cell and Principles of Hematopoietic Stem cell Transplantation <i>Buket Erer DelCastello</i>	Case Study Pediatic Oncology <i>Sema Yılmaz</i>	Lecture Thrombosis and Disseminated Intravascular Coagulation <i>Sema Yılmaz</i>		Lecture Chemotherapy and Cancer Markers <i>Sema Yılmaz</i>
16.00-16.50	Lecture Hematopoietic Stem cell Transplant and Cell Therapies <i>Buket Erer DelCastello</i>	Independent Learning	Case Study Blood Transfusions&T hrombosis and Disseminated Intravascular Coagulation <i>Sema Yılmaz</i>		Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

IXth WEEK / 02-06 Nov. 2015

	Monday 02-Nov-2015	Tuesday 03-Nov-2015	Wednesday 04-Nov-2015	Thursday 05-Nov-2015	Friday 06-Nov-2015
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)	Lecture Approach to immun deficiencies <i>Hülya Sariçoban</i>
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)	Lecture Wheezy infant <i>Hülya Sariçoban</i>
11.00-11.50					Lecture Tuberculosis <i>Hülya Sariçoban</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Connective Tissue Diseases <i>Mustafa Berber</i>	Lecture Hypertension <i>Öznur Küçük</i>	Lecture Stroke <i>Suat Biçer</i>	Lecture Neuroimmunology <i>Gülderen Yanıkkaya Demirel</i>	Mini Clinical Exam (Subgroup 1)
14.00- 14.50	Lecture Vasculitic Syndromes <i>Mustafa Berber</i>	Case study Hypertension <i>Öznur Küçük</i>	Lecture Coma <i>Suat Biçer</i>	Lecture Cancer immunology <i>Gülderen Yanıkkaya Demirel</i>	Mini Clinical Exam (Subgroup 2)
15.00- 15.50	Case study Connective Tissue Diseases & Vasculitis <i>Mustafa Berber</i>	Independent Learning	Case study Stroke & Coma <i>Suat Biçer</i>	Lecture Immunological Tests and Principles <i>Gülderen Yanıkkaya Demirel</i>	Mini Clinical Exam (Subgroup 3)
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Lecture Immunology of Transplantation <i>Gülderen Yanıkkaya Demirel</i>	Mini Clinical Exam (Subgroup 4)

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP B

Xth WEEK / 09-13 Nov. 2015

	Monday 09-Nov-2015	Tuesday 10-Nov-2015	Wednesday 11-Nov-2015	Thursday 12-Nov-2015	Friday 13-Nov-2015
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Independent Learning	Assessment Session (Writing Exam)	Assessment Session (Oral exam)
10.00- 10:50	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Mini Clinical Exam (Subgroup 5)		
11.00-11:50			Mini Clinical Exam (Subgroup 6)		
12.00- 12:50	Lunch	Lunch	Lunch	Discussion of writing exam	
13.00- 13:50	Lecture Pediatric pharmacology& drug therapy <i>Ece Genç-Ferda Kaleağasioğlu</i>	Lecture Pediatric drug therapy-Upper respiratory system infections <i>Ece Genç-Ferda Kaleağasioğlu</i>	Mini Clinical Exam (Subgroup 7)	Independent Learning	
			Mini Clinical Exam (Subgroup 8)		
			Mini Clinical Exam (Subgroup 10)		
15.00- 15:50	Independent Learning	Independent Learning	Independent Learning		
16.00-16:50	Independent Learning	Independent Learning			

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

1st WEEK / 30-Nov -04-Dec 2015

	Monday 30-Nov-2015	Tuesday 01-Dec-2015	Wednesday 02-Dec-2015	Thursday 03-Dec-2015	Friday 04-Dec-2015
09.00- 09:50	Introduction to Pediatrics, History Taking and Physical Examination- <i>Filiz Bakar</i>	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Lecture Basic Principles and Practice of Clinical Biochemistry <i>Serdar Öztezcan</i>
10.00- 10.50	Lecture Newborn Examination <i>Filiz Bakar</i>	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Lecture Growth and Development <i>Meltem Uğraş</i>
11.00-11.50	Lecture Respiratory System Examination <i>Hülya Sarıçoban</i>	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient-Outpatient- (YUH&LKRH) (All Subgroups)	Lecture Growth Retardation <i>Meltem Uğraş</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Cardiovascular System Examination <i>Defne Çöl</i>	Lecture Gastrointestinal Genitoürinary System Examination <i>Meltem Uğraş</i>	Lecture Prematurity, Postmaturity <i>Filiz Bakar</i>	Lecture Nutrition <i>Meltem Uğraş</i>	Lecture Malnutrition <i>Meltem Uğraş</i>
14.00- 14.50	Lecture Electrocardiographic Principles <i>Defne Çöl</i>	Lecture Neurological Examination <i>Suat Biçer</i>	Lecture Perinatal Asphyxia and Neonatal Resuscitation <i>Filiz Bakar</i>	Case Study Nutrition <i>Meltem Uğraş</i>	Case Study Malnutrition & Growth Retardation <i>Meltem Uğraş</i>
15.00- 15.50	Independent Learning	Lecture Pediatric Assessment in Pediatric Emergency Department <i>Suat Biçer</i>	Lecture Neonatal Hyperbilirubinaemia <i>Filiz Bakar</i>	Lecture Pediatric Basic Life Support <i>Suat Biçer</i>	Lecture Respiratory Distress Syndrome <i>Mustafa Berber</i>
16.00-16.50	Independent Learning	Case study Pediatric Assessment <i>Suat Biçer</i>	Case study Perinatal Asphyxia& Neonatal Hyperbilirubinaemia <i>Filiz Bakar</i>	Lecture Pediatric Advanced Life Support <i>Suat Biçer</i>	Case study Respiratory Distress Syndrome <i>Mustafa Berber</i>

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

IIth WEEK / 07-11 Dec 2015

	Monday 07-Dec-2015	Tuesday 08-Dec-2015	Wednesday 09-Dec-2015	Thursday 10-Dec-2015	Friday 11-Dec-2015
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)	Lecture Urinalysis and Other Body Fluids <i>Jale Çoban</i>
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)	Lecture Renal Function, Electrolytes and Acid-Base Balance <i>Jale Çoban</i>
11.00-11.50					Lecture Calcium Metabolism Hyperparatiroidism, Hypoparatiroidism <i>Jale Çoban</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Immunization Principles <i>Mustafa Berber</i>	Lecture Fluid and Electrolyte Disorders-1 <i>Suat Biçer</i>	Lecture Vitamin Deficiencies <i>Yasemin Akın</i> (Kartal LKRH)	Lecture Intoxications <i>Suat Biçer</i>	Independent Learning
14.00- 14.50	Lecture Vaccination <i>Mustafa Berber</i>	Lecture Fluid and Electrolyte Disorders-2 <i>Suat Biçer</i>	Lecture Rickets <i>Yasemin Akın</i> (Kartal LKRH)	Lecture Acid-Base Disorders <i>Suat Biçer</i>	
15.00- 15.50	Lecture Approach to the Child with Fever <i>Suat Biçer</i>	Case Study Fluid and Electrolyte Disorders <i>Suat Biçer</i>	Case Study Vitamin Deficiencies& Rickets <i>Yasemin Akın</i> (Kartal LKRH)	Case Study Intoxications & Acid-Base Disorders <i>Suat Biçer</i>	
16.00-16.50	Case Study Child with Fever <i>Suat Biçer</i>	Independent Learning	Independent Learning		

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

IIIrd WEEK / 14-18 Dec 2015

	Monday 14-Dec-2015	Tuesday 15-Dec-2015	Wednesday 16-Dec-2015	Thursday 17-Dec-2015	Friday 18-Dec-2015
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)	Lecture Urticaria, Atopic Dermatitis <i>Hülya Sariçoban</i>
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)	Lecture Anaphylaxis <i>Hülya Sariçoban</i>
11.00-11.50					Case study Urticaria&Anaphyl axis-Asthma <i>Hülya Sariçoban</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Upper Respiratory Tract Infection <i>Hülya Sariçoban</i>	Lecture Approach to Immun Deficiencies <i>Hülya Sariçoban</i>	Lecture Asthma <i>Hülya Sariçoban</i>	Lecture Respiratory Failure <i>Suat Biçer</i>	Independent Learning
14.00- 14.50	Lecture Lower Respiratory Tract Infection <i>Hülya Sariçoban</i>	Lecture Wheezy Infant <i>Hülya Sariçoban</i>	Lecture Tuberculosis <i>Hülya Sariçoban</i>	Case study Respiratory Failure <i>Suat Biçer</i>	
15.00- 15.50	Case study Upper and Lower Respiratory Tract Infection <i>Hülya Sariçoban</i>	Case study Wheezy Infant& Immun Deficiencies <i>Hülya Sariçoban</i>	Case study Asthma& Tuberculosis <i>Hülya Sariçoban</i>	Case study Intoxications & Acid-Base Disorders <i>Suat Biçer</i>	
16.00-16.50	Case study Child with Fever <i>Suat Biçer</i>	Independent Learning	Independent Learning	Lecture Respiratory Failure <i>Suat Biçer</i>	

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

IVth WEEK / 21- 25 Dec 2015

	Monday 21-Dec-2015	Tuesday 22-Dec-2015	Wednesday 23-Dec-2015	Thursday 24-Dec-2015	Friday 25-Dec-2015
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)	Lecture Blood Gases, Vitamins and Trace Elements <i>Serdar Öztezcan</i>
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)	Lecture Autoimmunity and Diagnostic Tests <i>Gülderen Yanikkaya Demirel</i>
11.00-11.50	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Lecture Immunological Tests and Principles <i>Gülderen Yanikkaya Demirel</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Acute Glomerulonephri tis <i>Ozan Özkaya</i>	Lecture Acute Renal Failure <i>Ozan Özkaya</i>	Lecture Urinary Tract Infections <i>Ozan Özkaya</i>	Lecture Acute Gastroenteritis <i>Öznur Küçük</i>	Lecture Diagnostic Tests in Immune Deficiencies <i>Gülderen Yanikkaya Demirel</i>
14.00- 14.50	Lecture Nephrotic Syndrome <i>Ozan Özkaya</i>	Lecture Chronic Renal Failure <i>Ozan Özkaya</i>	Lecture Tubulopathies <i>Ozan Özkaya</i>	Lecture Parasitosis <i>Öznur Küçük</i>	Independent Learning
15.00- 15.50	Case Study Acute Glomerulonephri tis&Nephrotic Syndrome <i>Ozan Özkaya</i>	Case Study Acute&Chronic Renal Failure <i>Ozan Özkaya</i>	Case Study Urinary Tract Infections&Tub ulopathies <i>Ozan Özkaya</i>	Case Study Acute Gastroenteritis& Parasitosis <i>Öznur Küçük</i>	
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

Vth WEEK / 28- Dec- 2015 01-Jan-2016

	Monday 28-Dec-2015	Tuesday 29-Dec-2015	Wednesday 30-Dec-2015	Thursday 31-Dec-2015	Friday 01-Jan-2016
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)	New Year Holiday
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- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00- 13.50	Lecture Maculopapular- Vesicular Diseases <i>Öznur Küçük</i>	Lecture Connective Tissue Diseases <i>Ozan Özkaya</i>	Lecture Diagnostic Methods in Infectious Diseases <i>G. Çelik</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	
14.00- 14.50	Lecture Tetanus, Diphtheria, Mumps <i>Öznur Küçük</i>	Lecture Vasculitic Syndromes <i>Ozan Özkaya</i>	Lecture Viral Paralytic Diseases <i>Öznur Küçük</i>	Lecture Hepatitis <i>Meltem Uğraş</i>	
15.00- 15.50	Case Study Maculopapular- Vesicular Diseases& Tetanus, Diphtheria, Mumps <i>Öznur Küçük</i>	Case Study Connective Tissue Diseases & Vasculitic Syndromes <i>Ozan Özkaya</i>	Lecture Infections of CNS <i>Öznur Küçük</i>	Case Study Hepatitis <i>Meltem Uğraş</i>	
16.00-16.50	Independent Learning	Lecture Hypertension <i>Ozan Özkaya</i>	Case study Viral Paralytic Diseases& Infections of CNS	Independent Learning	
17.00-17.50	Independent Learning	Case study Hypertension <i>Ozan Özkaya</i>	Infections of CNS <i>Öznur Küçük</i>		

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP A

VIth WEEK / 04-08 Jan. 2016

	Monday 04-Jan-2016	Tuesday 05-Jan-2016	Wednesday 06-Jan-2016	Thursday 07-Jan-2016	Friday 08-Jan-2016
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)	Lecture Diseases of Myocardium and Pericardium <i>Defne Çöl</i>
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)	Lecture Congestive Heart Failure <i>Defne Çöl</i>
11.00-11.50					Case Study Congestive Heart Failure <i>Defne Çöl</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Sepsis and Meningococemia <i>Suat Biçer</i>	Lecture Intrauterin Infections <i>Mustafa Berber</i>	Lecture Acute Rheumatic Fever <i>Defne Çöl</i>	Lecture Congenital Heart Diseases <i>Defne Çöl</i>	Lecture Shock <i>Suat Biçer</i>
14.00- 14.50	Case Study Sepsis and Meningococemia <i>Suat Biçer</i>	Lecture Neonatal Infections <i>Mustafa Berber</i>	Lecture Infective Endocarditis <i>Defne Çöl</i>	Lecture Congenital Heart Diseases <i>Defne Çöl</i>	Case Study Shock <i>Suat Biçer</i>
15.00- 15.50	Lecture Fever of unknown origin <i>Öznur Küçük</i>	Case study Intrauterin&Neo natal infections <i>Mustafa Berber</i>	Case study Acute rheumatic fever& Infective endocarditis <i>Öznur Küçük</i>	Case study Congenital heart diseases <i>Defne Çöl</i>	Independent Learning
16.00-16.50	Case study Fever of unknown origin <i>Öznur Küçük</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP A

VIIth WEEK / 11-15 Jan. 2016

	Monday 11-Jan-2016	Tuesday 12-Jan-2016	Wednesday 13-Jan-2016	Thursday 14-Jan-2016	Friday 15-Jan-2016
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)	Lecture Liver Function and Enzymes <i>Jale Çoban</i>
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)	Lecture Evaluation of Endocrine Function <i>Serdar Öztezcan</i>
11.00-11.50					Lecture Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Abdominal Pain and Peptic Diseases, H. Pylori Infection <i>Meltem Uğraş</i>	Lecture GIS Dleeding <i>Meltem Uğraş</i>	Lecture Cirrhosis, Portal Hypertension <i>Meltem Uğraş</i>	Lecture Hematological and Metabolic Disorders in Newborn <i>Mustafa Berber</i>	Lecture Malabsorbtion <i>Meltem Uğraş</i>
14.00- 14.50	Lecture Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Lecture Celiac Disease <i>Meltem Uğraş</i>	Case Study Cirrhosis, Portal Hypertension& Malnutrition <i>Meltem Uğraş</i>	Lecture Thyroid Disorders and Congenital Hypothyroidism <i>Filiz Bakar</i>	Lecture Constipation <i>Meltem Uğraş</i>
15.00- 15.50	Case study Abdominal Pain and Peptic Diseases, H. Pylori Infection& Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Case study GIS Bleeding&Celiac Disease <i>Meltem Uğraş</i>	Lecture Obesity <i>Meltem Uğraş</i>	Case study Thyroid Disorders and Congenital Hypothyridism <i>Filiz Bakar</i>	Case study Malabsorbtion& Constipation <i>Meltem Uğraş</i>
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME- GROUP A
VIIIth WEEK / 18-22 Jan. 2016

	Monday 18-Jan-2016	Tuesday 19-Jan-2016	Wednesday 20-Jan-2016	Thursday 21-Jan-2016	Friday 22-Jan-2016
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)	Lecture Hematology and Coagulation <i>Jale Çoban</i>
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)	Lecture Cancer Immunology <i>Gülderen Yanıkaya Demirel</i>
11.00-11.50					Lecture Immunology of Transplantation <i>Gülderen Yanıkaya Demirel</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Fe Deficiency and Other Nutritional Anemias <i>Sabri Kemahli</i>	Lecture Introduction to Pediatric Oncology; Lymph Nodes And Abdominal Masses <i>Sema Yilmaz</i>	Lecture Haemoglobinop athies (Thalassemia and Sickle Cell Anemia) <i>Buket Erer DelCastello</i>	Lecture Hematopoietic Stem Cell and Principles of Hematopoietic Stem Cell Transplantation <i>Buket Erer DelCastello</i>	Lecture Chemotherapy and Cancer Markers <i>Sema Yilmaz</i>
14.00- 14.50	Case Study Nutritional Anemias <i>Sabri Kemahli</i>	Lecture Malignancy in Childhood <i>Sema Yilmaz</i>	Lecture Blood Transfusions and Complications <i>Sema Yilmaz</i>	Lecture Hematopoietic Stem Cell Transplant and Cell Therapies <i>Buket Erer DelCastello</i>	Independent Learning
15.00- 15.50	Case Study Abdominal Pain and Peptic Diseases, H. Pylori Infection& Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	Case Study Pediatric Oncology <i>Sema Yilmaz</i>	Lecture Thrombosis and Disseminated Intravascular Coagulation <i>Sema Yilmaz</i>	Independent Learning	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Case study Blood Transfusions& Thrombosis and Disseminated Intravascular Coagulation <i>Sema Yilmaz</i>	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

IXth WEEK / 26-30 Jan 2016

	Monday 26-Jan-2016	Tuesday 27-Jan-2016	Wednesday 28-Jan-2016	Thursday 29-Jan-2016	Friday 30-Jan-2016
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)	Lecture Neuroimmunology <i>Gülden Yanikkaya Demirel</i>
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)	Lecture Introduction to Pediatric Genetics and Dysmorphology <i>Ayşegül Kuşkucu</i>
11.00-11.50					Lecture Approach to the Dysmorphic Child <i>Ayşegül Kuşkucu</i>
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lecture Common Genetic Disorder in Pediatrics <i>Ayşegül Kuşkucu</i>
13.00- 13.50	Lecture Approach to the with Convulsion <i>Suat Biçer</i>	Lecture Stroke <i>Suat Biçer</i>	Lecture Cerebral Palsy <i>Öznur Küçük</i>	Lecture Inborn Errors of Metabolism <i>Öznur Küçük</i>	Lunch
14.00- 14.50	Lecture Neonatal Convulsions <i>Mustafa Berber</i>	Lecture Coma <i>Suat Biçer</i>	Case Study Cerebral Palsy <i>Öznur Küçük</i>	Case Study Inborn Errors of Metabolism <i>Öznur Küçük</i>	Mini Clinical Exam (Subgroup 1)
					Mini Clinical Exam (Subgroup 2)
15.00- 15.50	Case Study Convulsion <i>Suat Biçer- Mustafa Berber</i>	Case Study Stroke & Coma <i>Suat Biçer</i>	Independent Learning	Independent Learning	Mini Clinical Exam (Subgroup 3)
					Mini Clinical Exam (Subgroup 4)
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

CHILD HEALTH AND PEDIATRICS CLERKSHIP PROGRAMME-GROUP A

Xth WEEK / 02-06 Feb 2016

	Monday 02-Feb-2016	Tuesday 03-Feb-2016	Wednesday 04-Feb-2016	Thursday 05-Feb-2016	Friday 06-Feb-2016	
09.00- 09:50	Ward Round- YUH&LKRH (All Subgroups)	Ward Round- YUH&LKRH (All Subgroups)	Independent Learning	Assessment Session (Writing Exam)	Assessment Session (Oral exam)	
10.00- 10.50	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Clinical Experience (Inpatient- Outpatient- (YUH&LKRH) (All Subgroups)	Mini Clinical Exam (Subgroup 5)			
11.00-11.50			Mini Clinical Exam (Subgroup 6)			
12.00- 13.00	Lunch	Lunch	Lunch	Discussion of writing exam		
13.00- 13.50	Lecture Pediatric Pharmacology& Drug Therapy <i>Ece Genç-Ferda Kaleağasioğlu</i>	Lecture Pediatric Drug Therapy-Upper Respiratory System Infections <i>Ece Genç-Ferda Kaleağasioğlu</i>	Mini Clinical Exam (Subgroup 7)	Independent Learning		
			Mini Clinical Exam (Subgroup 8)			
14.00- 14.50	Lecture Pediatric Pharmacology& Drug Therapy <i>Ece Genç-Ferda Kaleağasioğlu</i>	Lecture Pediatric Drug Therapy- Urinary System Infections <i>Ece Genç-Ferda Kaleağasioğlu</i>	Mini Clinical Exam (Subgroup 9)			
			Mini Clinical Exam (Subgroup 10)			
15.00- 15.50	Independent Learning	Independent Learning	Independent Learning			
16.00-16.50	Independent Learning	Independent Learning				

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

GENERAL SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

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

Öge Taşçılar, MD. Prof.

Baki Ekçi, MD. Assoc. Prof.

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

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

GENERAL SURGERY

AIM

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

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

GENERAL SURGERY

Group A

(6 weeks)

(08.02.2016-18.03.2016)

Phase VI Week I

	Monday 8.2.2016	Tuesday 9.2.2016	Wednesday 10.2.2016	Thursday 11.2.2016	Friday 12.2.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Introductory Session Periampullary Malignancies <i>MD Prof. Özcan Gökçe</i>	The Systemic Response to Injury <i>MD Prof. Özcan Gökçe</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Hydatid Disease of Liver – Liver Abscess and Tumors <i>MD Assoc Prof. Baki Ekçi</i>	Gastrointestinal Bleeding – Disorders of Coagulation <i>MD Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week II

	Monday 15.2.2016	Tuesday 16.2.2016	Wednesday 17.2.2016	Thursday 18.2.2016	Friday 19.2.2016
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
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Hemostasis, Surgical Bleeding, and Transfusion <i>MD Prof. Öge Taşçılar</i>	Acute Appendicitis <i>MD Assoc Prof.Baki Ekçi</i>	Disease of Thyroid Gland and Parathyroid Glands <i>MD Prof. Özcan Gökçe</i>	Acute Abdomen – Peritonitis <i>MD Prof. Öge Taşçılar</i>	Colorectal Carcinoma – Anorectal Disease <i>MD Assoc Prof.Baki Ekçi</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week III

	Monday 22.2.2016	Tuesday 23.2.2016	Wednesday 24.2.2016	Thursday 25.2.2016	Friday 26.2.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Shock and Its Treatment <i>MD Assoc Prof.Baki Ekçi</i>	Surgical Nutrition <i>MD Prof. Öge Taşçılar</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Pancreatitis <i>MD Prof. Özcan Gökçe</i>	Disease of the Adrenal Glands and Spleen <i>MD Prof. Özcan Gökçe</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week IV

	Monday 29.2.2016	Tuesday 01.03.2016	Wednesday 02.03.2016	Thursday 03.03.2016	Friday 04.03.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Abdominal Trauma <i>Md Assoc Prof.Baki Ekçi</i>	Bening and Malignant Disease of The Stomach <i>Md Prof. Öge Taşçılar</i>	Disease of the Breast <i>Md Assoc Prof.Baki Ekçi</i>	Disease of the Gallbladder and Biliary Tree <i>Md Assoc Prof.Baki Ekçi</i>	Inflamatuar Bowel Disease <i>Md Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week V

	Monday 07.03.2016	Tuesday 08.03.2016	Wednesday 09.03.2016	Thursday 10.03.2016	Friday 11.03.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Wound Healing and Surgical Infections <i>MD Assoc Prof.Baki Ekçi</i>	Bening and Malignant Disease of the Oesophagus <i>MD Prof. Öge Taşçılar</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Hernias <i>MD Assoc Prof.Baki Ekçi</i>	Intestinal Obstruction <i>MD Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week VI

	Monday 14.03.2016	Tuesday 15.03.2016	Wednesday 16.03.2016	Thursday 17.03.2016	Friday 18.03.2016
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Oral Examination
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		
11.00- 11.50					
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	
15.30- 17.30	Physical Examination of Surgery MD Assoc Prof.Baki Ekçi	Liver Transplantation Renal and Pancreas Transplantation MD Prof. Özcan Gökçe	Independent Learning	Examination	
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

GENERAL SURGERY

GroupB

(6 weeks)

(04.04.2016-13.05.2016)

Phase VI Week I

	Monday 04.04.2016	Tuesday 05.04.2016	Wednesday 06.04.2016	Thursday 07.04.2016	Friday 08.04.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Introductory Session Periampullary Malignancies <i>MD Prof. Özcan Gökçe</i>	The Systemic Response to Injury <i>MD Prof. Özcan Gökçe</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Hydatid Disease of Liver – Liver Abscess and Tumors <i>MD Assoc Prof.Baki Ekçi</i>	Gastrointestinal Bleeding – Disorders of Coagulation <i>MD Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week II

	Monday 11.04.2016	Tuesday 12.04.2016	Wednesday 13.04.2016	Thursday 14.04.2016	Friday 15.04.2016
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
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Hemostasis, Surgical Bleeding, and Transfusion <i>MD Prof. Öge Taşçılar</i>	Acute appendicitis <i>MD Assoc Prof.Baki Ekçi</i>	Disease of thyroid Gland and Parathyroid Glands <i>MD Prof. Özcan Gökçe</i>	Acute abdomen – Peritonitis <i>MD Prof. Öge Taşçılar</i>	Colorectal Carcinoma – Anorectal Disease <i>MD Assoc Prof.Baki Ekçi</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week III

	Monday 18.04.2016	Tuesday 19.04.2016	Wednesday 20.04.2016	Thursday 21.04.2016	Friday 22.04.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Shock and its Treatment <i>MD Assoc Prof.Baki Ekçi</i>	Surgical Nutrition <i>MD Prof. Öge Taşçılar</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Pancreatitis <i>MD Prof. Özcan Gökçe</i>	Disease of the Adrenal Glands and Spleen <i>MD Prof. Özcan Gökçe</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week IV

	Monday 25.04.2016	Tuesday 26.04.2016	Wednesday 27.04.2016	Thursday 28.04.2016	Friday 29.04.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Abdominal Trauma <i>MD Assoc Prof.Baki Ekçi</i>	Bening and malignant disease of the stomach <i>MD Prof. Öge Taşçılar</i>	Disease of the breast <i>MD Assoc Prof.Baki Ekçi</i>	Disease of the gallbladder and biliary tree <i>MD Assoc Prof.Baki Ekçi</i>	Inflamatuar bowel disease <i>MD Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week V

	Monday 02.05.2016	Tuesday 03.05.2016	Wednesday 04.05.2016	Thursday 05.05.2016	Friday 06.05.2016
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- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30	Wound Healing and Surgical Infections <i>MD Assoc Prof.Baki Ekçi</i>	Bening and Malignant Disease of the Oesophagus <i>MD Prof. Öge Taşçılar</i>	Fluid and Electrolyte Therapy <i>MD Prof. Özcan Gökçe</i>	Hernias <i>MD Assoc Prof.Baki Ekçi</i>	Intestinal Obstruction <i>MD Prof. Öge Taşçılar</i>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week VI

	Monday 09.05.2016	Tuesday 10.05.2016	Wednesday 11.05.2016	Thursday 12.05.2016	Friday 13.05.2016
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Oral Examination
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		
11.00- 11.50					
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00- 15.00	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	
15.30- 17.30	Physical Examination of Surgery <i>MD Assoc Prof.Baki Ekçi</i>	Liver Transplantation Renal and Pancreas Transplantation <i>MD Prof. Özcan Gökçe</i>	Independent Learning	Examination	
17.30-17:50	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. Cem Fıçıcıoğlu, MD. PhD. Prof.

Ü. Meral ABAN, MD. Prof.

Selçuk ÖZDEN, MD. Prof.

Oluş Api, MD. Assoc. Prof.

Rukset Attar, MD. Assoc. Prof.

Gazi Yıldırım, MD. Assoc. Prof.

&

MINISTRY OF HEALTH

İSTANBUL ÜMRANİYE TRAINING AND RESEARCH HOSPITAL

Head of the Department of Obstetrics and Gynecology: Gürkan KIRAN, MD. Prof.

OBSTETRICS and GYNECOLOGY

AIMS

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.

OBSTETRICS AND GYNECOLOGY

Group A (6 weeks)

(04.04.2016-13.05.2016)

Phase VI Week I

	Monday 04.04.2016	Tuesday 05.04.2016	Wednesday 06.04.2016	Thursday 07.04.2016	Friday 08.04.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Introductory Session <i>MD Prof. Cem FİÇICIOĞLU</i> Lecture Gynecology: an Overview Including Related Anatomy <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Ovarian Functions and Its Neuro-Endocrine Control <i>MD Prof. Cem FİÇICIOĞLU</i> Lecture Developmental Defects of the Female Reproductive Tract <i>MD Prof. Cem FİÇICIOĞLU</i>	Lecture Pediatric Gynecology, Puberty and gynecological disorders in children and adolescents <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Obstetrics: An Overview Including Related Anatomy <i>MD Assoc Prof. Oluş API</i>	Lecture Endometriosis - Medical Treatment and Minimally Invasive Approach and Pelvic Pain <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Hirsutismus <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Anovulation <i>MD Prof. Cem FİÇICIOĞLU</i> Lecture Ovulation Induction <i>MD Prof. Cem FİÇICIOĞLU</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week II

	Monday 11.04.2016	Tuesday 12.04.2016	Wednesday 13.04.2016	Thursday 14.04.2016	Friday 15.04.2016
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
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Evaluation of Infertile Couple <i>MD Prof. Cem FIÇICIOĞLU</i> Lecture Assisted Reproductive Technologies <i>MD Prof. Cem FIÇICIOĞLU</i>	Lecture Menstrual Disorders, Amenorrhea <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Abnormal Uterine Bleeding <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Obstetric Ultrasound Examination <i>MD Assoc Prof. Oluş APİ</i> Lecture High-risk Pregnancy: an Overview <i>MD Assoc Prof. Oluş APİ</i>	Lecture Pelvic Inflammatory Disease <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Postmenopausal Hormone Treatment <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Perinatal Follow-Ups <i>MD Prof. Selçuk ÖZDEN</i> Lecture Antenatal Screening Tests and Prenatal Diagnosis <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week III

	Monday 18.04.2016	Tuesday 19.04.2016	Wednesday 20.04.2016	Thursday 21.04.2016	Friday 22.04.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Trombophilia and Pregnancy <i>MD Prof. Selçuk ÖZDEN</i> Lecture Clinical Embryology <i>MD Assist Prof. Oya A. ALAGÖZ</i>	Lecture Complications of Early Pregnancy <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Ectopic Pregnancy <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Multiple Pregnancies <i>MD Assoc Prof. Oluş API</i> Lecture Hematological Disorders and Pregnancy <i>MD Assoc Prof. Oluş API</i>	Lecture Pelvic Relaxation <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Uro-Gynecology <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Intrauterine Growth Restriction <i>MD Prof. Selçuk ÖZDEN</i> Lecture Assessment of Fetal Well-Being <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week IV

	Monday 25.04.2016	Tuesday 26.04.2016	Wednesday 27.04.2016	Thursday 28.04.2016	Friday 29.04.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Hormonal Disorders and Pregnancy <i>MD Assoc Prof. Oluş API</i> Lecture Pre-gestational and Gestational Diabetes <i>MD Assoc Prof. Oluş API</i>	Lecture Bleeding in the Third Trimester <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Postpartum Bleeding <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Perinatal Infections <i>MD Assoc Prof. Oluş API</i> Lecture Rh Isoimmunisation <i>MD Assoc Prof. Oluş API</i>	Lecture Postnatal Contraception and Sterilization <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Gestational Trophoblastic Diseases <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Preterm Premature Rupture of Membranes <i>MD Prof. Selçuk ÖZDEN</i> Lecture Puerperium and Puerperal Infections <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week V

	Monday 02.05.2016	Tuesday 03.05.2016	Wednesday 04.05.2016	Thursday 05.05.2016	Friday 06.05.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Hypertensive Disorders and Pregnancy <i>MD Assoc Prof. Oluş APİ</i> Lecture Cardiovascular Diseases and Pregnancy <i>MD Assoc Prof. Oluş APİ</i>	Lecture Operative Labor and Cesarean Section <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Vulvo-Vaginitis <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Normal Labor <i>MD Assoc Prof. Oluş APİ</i> Lecture Abnormal Labor – Distocia <i>MD Assoc Prof. Oluş APİ</i>	Lecture Benign Disorders of Vulva and Vagina <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Benign Disorders of Uterus, Fallopian Tubes and Ovaries <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Pre-invasive Cervical Neoplasm <i>MD Prof. Meral ABAN</i> Lecture Cervix Carcinoma <i>MD Prof. Meral ABAN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week VI

	Monday 09.05.2016	Tuesday 10.05.2016	Wednesday 11.05.2016	Thursday 12.05.2016	Friday 13.05.2016
09.00- 09.50	Clinical Experience	Clinical Experience	Independent Learning	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	Independent Learning	Independent Learning	Oral Examination
11.00- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	
13.30- 15.30	Lecture Malignant Disorders of Uterus, Endometrium Carcinoma <i>MD Prof. Meral ABAN</i> Lecture Vulvovaginal Carcinoma <i>MD Prof. Meral ABAN</i>	Lecture Gynecological Malignancies and Pregnancy <i>MD Prof. Meral ABAN</i> Lecture Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes <i>MD Prof. Meral ABAN</i>	Independent Learning	Independent Learning	
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

OBSTETRICS AND GYNECOLOGY

Group B (6 weeks)

(08.02.2016-18.03.2016)

Phase VI Week I

	Monday 8.2.2016	Tuesday 9.2.2016	Wednesday 10.2.2016	Thursday 11.2.2016	Friday 12.2.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Introductory Session <i>MD Prof. Cem FIÇICIOĞLU</i> Lecture Gynecology: an Overview Including Related Anatomy <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Ovarian Functions and Its Neuro-Endocrine Control <i>MD Prof. Cem FIÇICIOĞLU</i> Lecture Developmental Defects of the Female Reproductive Tract <i>MD Prof. Cem FIÇICIOĞLU</i>	Lecture Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Obstetrics: an Overview Including Related Anatomy <i>MD Assoc Prof. Oluş API</i>	Lecture Endometriosis - Medical Treatment and Minimally Invasive Approach and Pelvic Pain <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Hirsutismus <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Anovulation <i>MD Prof. Cem FIÇICIOĞLU</i> Lecture Ovulation Induction <i>MD Prof. Cem FIÇICIOĞLU</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week II

	Monday 15.2.2016	Tuesday 16.2.2016	Wednesday 17.2.2016	Thursday 18.2.2016	Friday 19.2.2016
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
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Evaluation of infertile couple <i>MD Prof. Cem FIÇICIOĞLU</i> Lecture Assisted reproductive technologies <i>MD Prof. Cem FIÇICIOĞLU</i>	Lecture Menstrual disorders, amenorrhea <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Abnormal uterine bleeding <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Obstetric ultrasound examination <i>MD Assoc Prof. Oluş APİ</i> Lecture High-risk pregnancy: an overview <i>MD Assoc Prof. Oluş APİ</i>	Lecture Pelvic inflammatory disease <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Postmenopausal hormone treatment <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Perinatal follow-ups <i>MD Prof. Selçuk ÖZDEN</i> Lecture Antenatal screening tests and prenatal diagnosis <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week III

	Monday 22.2.2016	Tuesday 23.2.2016	Wednesday 24.2.2016	Thursday 25.2.2016	Friday 26.2.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Trombophilia and pregnancy <i>MD Prof. Selçuk ÖZDEN</i> Lecture Clinical embryology <i>MD Assist Prof. Oya A. ALAGÖZ</i>	Lecture Complications of early pregnancy <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Ectopic pregnancy <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Multiple pregnancies <i>MD Assoc Prof. Oluş API</i> Lecture Hematological disorders and pregnancy <i>MD Assoc Prof. Oluş API</i>	Lecture Pelvic relaxation <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Uro-gynecology <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Intrauterine growth restriction <i>MD Prof. Selçuk ÖZDEN</i> Lecture Assessment of fetal well-being <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week IV

	Monday 29.2.2016	Tuesday 01.03.2016	Wednesday 02.03.2016	Thursday 03.03.2016	Friday 04.03.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Hormonal Disorders and Pregnancy <i>MD Assoc Prof. Oluş APİ</i> Lecture Pre-gestational and Gestational Diabetes <i>MD Assoc Prof. Oluş APİ</i>	Lecture Bleeding in the Third Trimester <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Postpartum Bleeding <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Perinatal infections <i>MD Assoc Prof. Oluş APİ</i> Lecture Rh Isoimmunisation <i>MD Assoc Prof. Oluş APİ</i>	Lecture Postnatal Contraception And Sterilization <i>MD Assoc Prof. Gazi YILDIRIM</i> Lecture Gestational Trophoblastic Diseases <i>MD Assoc Prof. Gazi YILDIRIM</i>	Lecture Preterm Premature Rupture of Membranes <i>MD Prof. Selçuk ÖZDEN</i> Lecture Puerperium and Puerperal Infections <i>MD Prof. Selçuk ÖZDEN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week V

	Monday 07.03.2016	Tuesday 08.03.2016	Wednesday 09.03.2016	Thursday 10.03.2016	Friday 11.03.2016
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- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	Lecture Hypertensive Disorders and Pregnancy <i>MD Assoc Prof. Oluş API</i> Lecture Cardiovascular Diseases and Pregnancy <i>MD Assoc Prof. Oluş API</i>	Lecture Operative Labor and Cesarean Section <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Vulvo-Vaginitis <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Normal labor <i>MD Assoc Prof. Oluş API</i> Lecture Abnormal Labor – Distocia <i>MD Assoc Prof. Oluş API</i>	Lecture Benign Disorders of Vulva and Vagina <i>MD Assoc Prof. Rukset ATTAR</i> Lecture Benign Disorders of Uterus, Fallopian Tubes and Ovaries <i>MD Assoc Prof. Rukset ATTAR</i>	Lecture Pre-invasive Cervical Neoplasm <i>MD Prof. Meral ABAN</i> Lecture Cervix Carcinoma <i>MD Prof. Meral ABAN</i>
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Phase VI Week VI

	Monday 14.03.2016	Tuesday 15.03.2016	Wednesday 16.03.2016	Thursday 17.03.2016	Friday 18.03.2016
09.00- 09.50	Clinical Experience	Clinical Experience	Independent Learning	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	Independent Learning	Independent Learning	
11.00- 11.50					
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	
13.30- 15.30	Lecture Malignant disorders of uterus, endometrium carcinoma <i>MD Prof. Meral ABAN</i> Lecture Vulvuvaginal carcinoma <i>MD Prof. Meral ABAN</i>	Lecture Gynecological malignancies and pregnancy <i>MD Prof. Meral ABAN</i> Lecture Malignant ovarian tumors and malignant disorders of Fallopian tubes <i>MD Prof. Meral ABAN</i>	Independent Learning	Independent Learning	
15.30-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

PHASE IV

CARDIOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

Muzaffer Murat Değertekin, MD.Prof.

Olca Özveren, MD. Assist. Prof.

Zekeriya Küçükdemir, MD. Assoc. Prof.

Ayça Türer, MD.

Mustafa Aytekin Şimşek, MD.

&

KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Gökhan Kahveci, MD. Assoc. Prof.

Çetin Geçmen ,

Anıl Avcı ,

Mehmet Emin Kalkan MD. Assoc. Prof.

Serdar Demir

CARDIOLOGY

AIMS

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 monitorization 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

CARDIOLOGY 16.11.2015-27.11.2015 Group A

1 st WEEK																				
	Monday 16-November-2015				Tuesday 17-November -2015				Wednesday 18- November - 2015				Thursday 19- November - 2015				Friday 20- November - 2015			
08.30-12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-Lab.	Outpatient	Intensive Care	Emergency	Echo-Lab	Outpatient	Intensive Care	Emergency	Outpatient	Intensive Care	Emergency	Echo-Lab	Outpatient	Intensive Care	Emergency	Echo-Lab	Intensive Care	Emergency	Echo-Lab	Outpatient
12.50-13.50	Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> Lecture Cardiovascular Examination <i>Zekeriya</i> <i>Küçükdurmaz</i>				Lecture Approach to the patient with chest pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Muzaffer Değertekin</i> <i>Mustafa Aytek</i> <i>Şimşek</i>				Lecture Heart Failure-1 <i>Olca ÖZVEREN</i>				Lecture Mitral Valve Diseases <i>Olca ÖZVEREN</i>			
14.00- 14.50	Lecture Clinical Electrocardiography- 1 <i>Zekeriya</i> <i>Küçükdurmaz</i>				Lecture ST Elevation Myocardial Infarction- 1 <i>Muzaffer Değertekin</i> <i>Mustafa Aytek</i> <i>Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Muzaffer Değertekin</i> <i>Mustafa Aytek</i> <i>Şimşek</i>				Lecture Heart Failure-2 <i>Olca ÖZVEREN</i>				Lecture Aortic Valve Diseases <i>Olca ÖZVEREN</i>			
15.00- 15.50	Lecture Clinical Electrocardiography- 2 <i>Zekeriya</i> <i>Küçükdurmaz</i>				Lecture ST Elevation Myocardial Infarction- 2 <i>Muzaffer Değertekin</i> <i>Mustafa Aytek</i> <i>Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Diagnosis and Management of Acute Heart Failure <i>Olca ÖZVEREN</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olca ÖZVEREN</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

II nd WEEK															
	Monday 23-November- 2015				Tuesday 24-November - 2015				Wednesday 25- November -2015				Thursday 26- November -2015		Friday 27- November -2015
08.30-12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Lecture Dilated, Restrictive and Infiltrative Cardiomyopathies <i>Olca ÖZVEREN- Ayça Türer</i> Lecture Hypertrophic Cardiomyopathy <i>Olca ÖZVEREN - Ayça Türer</i>		Written Examination and Oral Examination YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Zekeriya Küçükdemir Olca Özveren Ayça Türer Mustafa Aytek Şimşek
	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 Rheumatic Fever <i>Olca ÖZVEREN</i>				Lecture Tachyarrhythmias-1 <i>Zekeriya Küçükdemir</i>				Lecture Syncope <i>Zekeriya Küçükdemir</i>				Independent Learning		
14.00- 14.50	Lecture Infective Endocarditis <i>Olca ÖZVEREN</i>				Lecture Tachyarrhythmias-2 <i>Zekeriya Küçükdemir</i>				Lecture Sudden Cardiac Death <i>Zekeriya Küçükdemir</i>				Independent Learning		
15.00- 15.50	Lecture Pericardial Diseases <i>Olca ÖZVEREN</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Zekeriya Küçükdemir</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Zekeriya Küçükdemir</i>				Independent Learning		
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning		

CARDIOLOGY 21.03.2016-01.04.2016 Group B

1 st WEEK																				
	Monday 21-March-2016				Tuesday 22-march -2016				Wednesday 23- March -2016				Thursday 24- March -2016				Friday 25- March -2015			
08.30-12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-Lab.	Outpatient	Intensive Care	Emergency	Echo-Lab	Outpatient	Intensive Care	Emergency	Outpatient	Intensive Care	Emergency	Echo-Lab	Outpatient	Intensive Care	Emergency	Echo-Lab	Intensive Care	Emergency	Echo-Lab	Outpatient
12.50-13.50	Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i> Lecture Cardiovascular Examination <i>Zekeriya Küçükdurmaz</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Muzaffer Değertekin</i> <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure-1 <i>Olçay ÖZVEREN</i>				Lecture Mitral Valve Diseases <i>Olçay ÖZVEREN</i>			
14.00- 14.50	Lecture Clinical Electrocardiography- 1 <i>Zekeriya Küçükdurmaz</i>				Lecture ST Elevation Myocardial Infarction-1 <i>Muzaffer Değertekin</i> <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Muzaffer Değertekin</i> <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure-2 <i>Olçay ÖZVEREN</i>				Lecture Aortic Valve Diseases <i>Olçay ÖZVEREN</i>			
15.00- 15.50	Lecture Clinical Electrocardiography- 2 <i>Zekeriya Küçükdurmaz</i>				Lecture ST Elevation Myocardial Infarction-2 <i>Muzaffer Değertekin</i> <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Diagnosis and Management of Acute Heart Failure <i>Olçay ÖZVEREN</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olçay ÖZVEREN</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

II nd WEEK												
	Monday 28-March-2016				Tuesday 29-march -2016				Wednesday 30- march -2016			
	Thursday 31- march -2016				Friday 01-April -2016							
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			
	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
	Lecture Dilated, Restrictive and Infiltrative Cardiomyopathies <i>Olca ÖZVEREN- Ayça Türer</i> Lecture Hypertrophic Cardiomyopathy <i>Olca ÖZVEREN - Ayça Türer</i>											
13.00-13.50	Lecture Rheumatic Fever <i>Olca ÖZVEREN</i>				Lecture Tachyarrhythmias -1 <i>Zekeriya Küçükdemir</i>				Lecture Syncope <i>Zekeriya Küçükdemir</i>			
14.00- 14.50	Lecture Infective Endocarditis <i>Olca ÖZVEREN</i>				Lecture Tachyarrhythmias -2 <i>Zekeriya Küçükdemir</i>				Lecture Sudden Cardiac Death <i>Zekeriya Küçükdemir</i>			
15.00- 15.50	Lecture Pericardial Diseases <i>Olca ÖZVEREN</i>				Lecture Bradyarrhythmias and Heart Blocks <i>Zekeriya Küçükdemir</i>				Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Zekeriya Küçükdemir</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning			

Written Examination and Oral Examination

YEDİTEPE UNIVERSITY HOSPITAL
Muzaffer Değertekin
Zekeriya Küçükdemir Olca Özveren
Ayça Türer
Mustafa Aytek Şimşek

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

CARDIOVASCULAR SURGERY

Yeditepe University Hospital

Bora Farsak, MD.Prof. (Head of Department)

Soner Sanioğlu, MD. Assoc. Prof. (Coordinator)

Halit Yerebakan, MD. Assist. Prof.

&

Kartal Koşuyolu Higher Education and Research Hospital

Murat Bülent Rabuş, MD, Assoc. Prof.

AIM AND LEARNING OBJECTIVES OF CLERKSHIP

AIM

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.

CARDIOVASCULAR SURGERY

(Group A)

May 16 –27, 2016

1 st WEEK																	
	Monday 16-May-2016				Tuesday 17-May-2016				Wednesday 18-May-2016				Thursday 19-May- 2016	Friday 20-May-2016			
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				NATIONA L HOLIDAY	Clinical Experience 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
	Surgical	Outpatient	Intensive Care	Emergency	Surgical	Outpatient	Intensive Care	Emergency	Outpatient	Intensive Care	Emergency	Surgical		Outpatient	Intensive Care	Emergency	Surgical
13.30-14.15	Lecture Introductory Course History of Cardiovascular Surgery <i>Bora Farsak</i>				Lecture Extracorporeal Circulation and Organ Protection <i>Halit Yerebekan</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				NATIONA L HOLIDAY	Lecture Aortic Aneurysm and Aortic Dissection <i>Soner Sanioglu</i>			
14.30- 15.15	Lecture Anatomy of Heart and Great Vessels <i>Bora Farsak</i>				Lecture Surgical Treatment of Coronary Artery Disease <i>Bora Farsak</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>					Lecture Peripheric Arterial Disease <i>Soner Sanioglu</i>			
15.30- 16.00	Discussion <i>Bora Farsak</i>				Discussion <i>Bora Farsak</i>				Discussion <i>Soner Sanioglu</i>					Lecture Carotid occlusive Disease <i>Soner Sanioglu</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning					16.00- 16.30		Discussion	
													16.30- 17.00		Independent Learning		

II nd WEEK														
	Monday 23-May-2016				Tuesday 24-May-2016				Wednesday 25-May-2016				Thursday 26-May-2016	Friday 27-May-2016
08.30-12.00	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Written Examination (09.00-12.00)	Oral Examination (09.00-12.00)
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Intensive Care	Emergency	Surgical	Outpatient	Intensive Care	Emergency	Surgical	Outpatient	Emergency	Surgical	Outpatient	Intensive Care		
13.30-14.15	Lecture Surgical Treatment of Heart Failure <i>Halit Yerebakan</i>				Lecture Congenital Heart Disease – Acyanotic <i>Halit Yerebakan</i>				Lecture Venous and Lymphatic System Disease <i>Soner Sanioglu</i>					
14.30- 15.15	Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>				Lecture Congenital Heart Disease – Cyanotic <i>Halit Yerebakan</i>				Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Soner Sanioglu</i>					
15.30- 16.00	Lecture Cardiac Neoplasms and Pericardial Disease <i>Halit Yerebakan</i>				Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Sanioglu</i>					
16.00-17.00	16.00- 16.30	Discussion			Independent Learning				Independent Learning					
	16.30- 17.00	Independent Learning												

CARDIOVASCULAR SURGERY

(Group B)

May 30 – Jun 10, 2016

1 st WEEK																
	Monday 30-May-2016				Tuesday 31-May-2016				Wednesday 01-Jun-2016				Thursday 02-Jun-2016			
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 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
	Surgical	Outpatient	Intensive Care	Emergency	Surgical	Outpatient	Intensive Care	Emergency	Outpatient	Intensive Care	Emergency	Surgical	Outpatient	Intensive Care	Emergency	Surgical
13.30-14.15	Lecture Introductory Course History of Cardiovascular Surgery <i>Bora Farsak</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>Bora Farsak</i>				Lecture Surgical Treatment of Coronary Artery Disease <i>Bora Farsak</i>				Lecture Surgical Treatment of Valvular Heart Disease <i>Soner Sanioglu</i>				Lecture Heart and Great Vessels Injuries <i>Halit Yerebakan</i>			
15.30- 16.00	Discussion <i>Bora Farsak</i>				Discussion <i>Bora Farsak</i>				Discussion <i>Soner Sanioglu</i>				Discussion <i>Halit Yerebakan</i>			
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning			

II nd WEEKS														
	Monday 06-Jun-2016				Tuesday 07-Jun-2016				Wednesday 08-Jun-2016				Thursday 09-Jun-2016	Friday 10-Jun-2016
08.30- 12.00	Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Clinical Experience KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Written Examination (09.00-12.00)	Oral Examination (09.00-12.00)
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4		
	Intensive Care	Emergency	Surgical	Outpatient	Emergency	Surgical	Outpatient	Intensive Care	Emergency	Surgical	Outpatient	Intensive Care		
13.30-14.15	Lecture Congenital Heart Disease – Acyanotic <i>Halit Yerebakan</i>				Lecture Peripheric Arterial Disease <i>Soner Saniogğlu</i>				Lecture Venous and Lymphatic System Disease <i>Soner Saniogğlu</i>					
14.30- 15.15	Lecture Congenital Heart Disease – Cyanotic <i>Halit Yerebakan</i>				Lecture Carotid occlusive Disease <i>Soner Saniogğlu</i>				Lecture Prophylaxis Diagnosis and Treatment of VTE <i>Soner Saniogğlu</i>					
15.30- 16.00	Discussion <i>Halit Yerebakan</i>				Discussion <i>Soner Saniogğlu</i>				Discussion <i>Soner Saniogğlu</i>					
16.00-17.00	Independent Learning				Independent Learning				Independent Learning					

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
YEDİTEPE UNIVERSITY HOSPITAL

Can Çınar, MD. Assoc. Prof. (Head of Department)

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

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

AIM

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.

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE – PHASE IV					
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY- Group A2					
1 st WEEK					
	Monday 28-March-2016	Tuesday 29-March-2016	Wednesday 30-March-2016	Thursday 31-March-2016	Friday 01-April-2016
	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning
08.30-09.00	Introductory Session <i>Can Çınar</i>	Round, Bedside Practice	Round, Bedside Practice	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning
09.00-10.15	Lecture Scope of Plastic Surgery <i>Can Çınar</i>	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Can Çınar</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Written Examination
10.30- 11.45	Lecture Cosmetic Surgery <i>Can Çınar</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Oral Examination
13.00- 16.00	Lecture Wound Healing <i>Uğur Anıl Bingöl</i>	Lecture Cleft Lip and Palate <i>Can Çınar</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE – PHASE IV					
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY - Group A1					
II nd WEEK					
	Monday 21-March-2016	Tuesday 22-March-2016	Wednesday 23-March-2016	Thursday 24-March-2016	Friday 25-March-2016
	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning
08.30-09.00	Introductory Session <i>Can Çınar</i>	Round, Bedside Practice	Round, Bedside Practice	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning
09.00-10.15	Lecture Scope of Plastic Surgery <i>Can Çınar</i>	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Can Çınar</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Written Examination
10.30- 11.45	Lecture Cosmetic Surgery <i>Can Çınar</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Oral Examination
13.00- 16.00	Lecture Wound Healing <i>Uğur Anıl Bingöl</i>	Lecture Cleft Lip and Palate <i>Can Çınar</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE – PHASE IV					
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY- Group B2					
III rd WEEK					
	Monday 23-May-2016	Tuesday 24-May-2016	Wednesday 25-May-2016	Thursday 26-May-2016	Friday 27-May-2016
	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning
08.30-09.00	Introductory Session <i>Can Çınar</i>	Round, Bedside Practice	Round, Bedside Practice	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Independent Learning
09.00-10.15	Lecture Scope of Plastic Surgery <i>Can Çınar</i>	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Can Çınar</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>	Written Examination
10.30- 11.45	Lecture Cosmetic Surgery <i>Can Çınar</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	Oral Examination
13.00- 16.00	Lecture Wound Healing <i>Uğur Anıl Bingöl</i>	Lecture Cleft lip and Palate <i>Can Çınar</i>	Lecture Skin graft and Flap <i>Can Çınar</i>	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE – PHASE IV					
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY- Group B1					
1 st WEEK					
	Monday 16-May-2016	Tuesday 17-May-2016	Wednesday 18-May-2016	Thursday 19-May-2016	Friday 20-May-2016
	Clinical Experience	Clinical Experience	Clinical Experience	NATIONAL HOLIDAY	Independent Learning
08.30-09.00	Introductory Session <i>Can Çınar</i>	Round, Bedside Practice	Round, Bedside Practice		Independent Learning
09.00-10.15	Lecture Scope of Plastic Surgery <i>Can Çınar</i>	Lecture Breast Cancer, Treatment Options & Breast Reconstruction <i>Can Çınar</i>	Lecture Skin Cancer <i>Uğur Anıl Bingöl</i>		Written Examination
10.30- 11.45	Lecture Cosmetic Surgery <i>Can Çınar</i>	Lecture Maxillofacial Trauma <i>Uğur Anıl Bingöl</i>	Lecture Skin Graft and Flap <i>Can Çınar</i>		Oral examination
13.00- 16.00	Lecture Wound Healing <i>Uğur Anıl Bingöl</i>	Lecture Cleft lip and Palate <i>Can Çınar</i>	Lecture Burn and Reconstructive Surgery <i>Uğur Anıl Bingöl</i>		
16.00-17.00	Independent Learning	Independent Learning	Lecture Principles of Hand Surgery <i>Uğur Anıl Bingöl</i>		

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. Assoc.Prof.

Cansel A. Öztürk, MD.Assoc.Prof

S. Çağatay Tezel, MD.Assoc.Prof

S. Volkan Baysungur, MD.Assoc.Prof

A. Levent Alpay, MD.Assoc.Prof

Hakan Kırıl, MD.Assoc.Prof

THORACIC SURGERY

AIMS

1. equip students with necessary knowledge, skills and attitudes required to recognize emergencies of major airways, pulmonary vascular structures, 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
- 1.0. 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. do basic sutures
- 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. valueproviding 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 postoperativewound care and dressing

20.1. do follow-up 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

Group A1

	Monday 28-March-2016	Tuesday 29-March-2016	Wednesday 30-March-2016	Thursday 31-March-2016	Friday 01-April-2016
08.00- 08.45	Introductory Session Welcome & Acquaintance & “Introduction to Thoracic Surgery” <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Clinical Skills Training and Assessment Session Performing Needle Thoracentesis on a Mannequin with a Tension Pneumothorax <i>Çağatay S. Tezel</i>	Clinical Experience Inpatient <i>Cansel A. Öztürk</i>	Independent Learning Preparation for the Exam
09.00- 09.45	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>		Case Presentation (Faculty) <i>Cansel A. Öztürk</i>	
10.00- 10.45	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Lecture Pneumothorax Radiology <i>S. Volkan Baysungur</i>	Case Presentation (Faculty) <i>Çağatay S. Tezel</i>	Lecture Lung Cancer Radiology <i>Cansel A. Öztürk</i>	
11.00- 11.45	Ward round <i>Hakan Kiral</i>	Clinical Experience Surgical <i>Hakan Kiral</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	
12.00-13.00	Lunch				
13.00- 13.40	Lecture Surgical Anatomy with Surface Landmarks and Thoracic Incisions <i>Cansel A. Öztürk</i>	Lecture Spontaneous Pneumothorax And Bullous Disorders <i>S. Volkan Baysungur</i>	Lecture Hydatic Cyst of the Lung <i>A. Levent Alpay</i>	Lecture Video-Assisted Thoracoscopic Surgery & Robotic Surgery In Thoracic Surgery <i>A. Levent Alpay</i>	Assessment Session Written Exam (MCQ) Oral Exam
13.50- 14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>S. Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>A. Levent Alpay</i>	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel A. Öztürk</i>	Lecture Diaphragmatic Disorders <i>İrfan Yalçinkaya</i>	
14.40- 15.20	Lecture Radiological Evaluation of Thoracic Surgery <i>Çağatay S. Tezel</i>	Lecture Thoracic Trauma I <i>Hakan Kiral</i>	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel A. Öztürk</i>	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	
15.30- 16.10	Lecture Hemoptysis <i>Hakan Kiral</i>	Lecture Thoracic Trauma II <i>Hakan Kiral</i>	Lecture Surgical Treatment of the Pathologies of Pleural Cavity <i>S. Volkan Baysungur</i>	Programme Evaluation Session <i>İrfan Yalçinkaya</i>	
16.20-17.00	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Lecture Benign Lung Diseases <i>Çağatay S. Tezel</i>	Lecture Chest wall Diseases and Surgical Treatment <i>Çağatay S. Tezel</i>	Independent Learning	

Group A2

	Monday 21-March-2016	Tuesday 22-March-2016	Wednesday 23-March-2016	Thursday 24-March-2016	Friday 25-March-2016
08.00- 08.45	Introductory Session Welcome & Acquaintance & "Introduction to Thoracic Surgery" <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Clinical Skills Training and Assessment Session Performing Needle	Clinical Experience Inpatient <i>Cansel A. Öztürk</i>	Independent Learning Preparation for the Exam
09.00- 09.45	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Thoracentesis on a Mannequin with a Tension Pneumothorax <i>Çağatay S. Tezel</i>	Case Presentation (Faculty) <i>Cansel A. Öztürk</i>	
10.00- 10.45	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Lecture Pneumothorax Radiology <i>S. Volkan Baysungur</i>	Case Presentation (Faculty) <i>Çağatay S. Tezel</i>	Lecture Lung Cancer Radiology <i>Cansel A. Öztürk</i>	
11.00- 11.45	Ward round <i>Hakan Kiral</i>	Clinical Experience Surgical <i>Hakan Kiral</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	
12.00-13.00	Lunch				
13.00- 13.40	Lecture Surgical Anatomy with Surface Landmarks and Thoracic Incisions <i>Cansel A. Öztürk</i>	Lecture Spontaneous Pneumothorax and Bullous Disorders <i>S. Volkan Baysungur</i>	Lecture Hydatic Cyst of the Lung <i>A. Levent Alpay</i>	Lecture Video-Assisted Thoracoscopic Surgery & Robotic Surgery in Thoracic Surgery <i>A. Levent Alpay</i>	Assessment Session Written Exam (MCQ) Oral Exam
13.50- 14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>S. Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>A. Levent Alpay</i>	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel A. Öztürk</i>	Lecture Diaphragmatic Disorders <i>İrfan Yalçinkaya</i>	
14.40- 15.20	Lecture Radiological Evaluation of Thoracic surgery <i>Çağatay S. Tezel</i>	Lecture Thoracic Trauma I <i>Hakan Kiral</i>	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel A. Öztürk</i>	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	
15.30- 16.10	Lecture Hemoptysis <i>Hakan Kiral</i>	Lecture Thoracic Trauma II <i>Hakan Kiral</i>	Lecture Surgical Treatment of the Pathologies of Pleural Cavity <i>S. Volkan Baysungur</i>	Programme Evaluation Session <i>İrfan Yalçinkaya</i>	
16.20-17.00	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Lecture Benign Lung Diseases <i>Çağatay S. Tezel</i>	Lecture Chest Wall Diseases and Surgical Treatment <i>Çağatay S. Tezel</i>	Independent Learning	

Group B1

	Monday 16-May-2016	Tuesday 17-May-2016	Wednesday 18-May-2016	Thursday 19-May-2016	Friday 20-May-2016
08.00- 08.45	Introductory Session Welcome & Acquaintance & “Introduction to Thoracic Surgery” <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Clinical Skills Training and Assessment Session Performing needle thoracentesis on a mannequin with a tension pneumothorax <i>Çağatay S. Tezel</i>	19'th May Holiday	Independent Learning Preparation for the Exam
09.00- 09.45	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Lecture Diaphragmatic Disorders <i>İrfan Yalçinkaya</i>			
10.00- 10.45	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>Cansel A. Öztürk</i>		
11.00- 11.45	Ward Round <i>Hakan Kırıl</i>	Lecture Pneumothorax Radiology <i>S. Volkan Baysungur</i>	Lecture Hydatic Cyst of the Lung <i>A. Levent Alpay</i>		
12.00-13.00	Lunch				
13.00- 13.40	Lecture Surgical Anatomy with Surface Landmarks and Thoracic Incisions <i>Cansel A. Öztürk</i>	Lecture Spontaneous Pneumothorax and Bullous Disorders <i>S. Volkan Baysungur</i>	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel A. Öztürk</i>	19'th May Holiday	Assessment Session Written Exam (MCQ) Oral Exam
13.50- 14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>S. Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>A. Levent Alpay</i>	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel A. Öztürk</i>		
14.40- 15.20	Lecture Radiological Evaluation of Thoracic Surgery <i>Çağatay S. Tezel</i>	Lecture Thoracic Trauma I <i>Hakan Kırıl</i>	Lecture Surgical Treatment of the Pathologies of Pleural Cavity <i>S. Volkan Baysungur</i>		
15.30- 16.10	Lecture Hemoptysis <i>Hakan Kırıl</i>	Lecture Thoracic Trauma II <i>Hakan Kırıl</i>	Lecture Chest wall Diseases and Surgical Treatment <i>Çağatay S. Tezel</i>		
16.20-17.00	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Lecture Benign Lung Diseases <i>Çağatay S. Tezel</i>	Independent Learning Preparation for the Exam		

Group B2

	Monday 23-May-2016	Tuesday 24-May-2016	Wednesday 25-May-2016	Thursday 26-May-2016	Friday 27-May-2016
08.00- 08.45	Introductory Session Welcome & Acquaintance & “Introduction to thoracic surgery” <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Clinical Skills Training and Assessment Session Performing Needle	Clinical Experience Inpatient <i>Cansel A. Öztürk</i>	Independent Learning Preparation for the Exam
09.00- 09.45	Lecture Interventional Procedures in Thoracic Surgery <i>İrfan Yalçinkaya</i>	Clinical Experience Inpatient <i>S. Volkan Baysungur</i>	Thoracentesis on a Mannequin with a Tension Pneumothorax <i>Çağatay S. Tezel</i>	Case Presentation (Faculty) <i>Cansel A. Öztürk</i>	
10.00- 10.45	Case Presentation (Faculty) <i>İrfan Yalçinkaya</i>	Lecture Pneumothorax radiology <i>S. Volkan Baysungur</i>	Case Presentation (Faculty) <i>Çağatay S. Tezel</i>	Lecture Lung Cancer Radiology <i>Cansel A. Öztürk</i>	
11.00- 11.45	Ward round <i>Hakan Kırıl</i>	Clinical Experience Surgical <i>Hakan Kırıl</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	Clinical Experience Surgical <i>A. Levent Alpay</i>	
12.00-13.00	Lunch				
13.00- 13.40	Lecture Surgical Anatomy with Surface Landmarks and Thoracic Incisions <i>Cansel A. Öztürk</i>	Lecture Spontaneous Pneumothorax and Bullous Disorders <i>S. Volkan Baysungur</i>	Lecture Hydatid Cyst of the Lung <i>A. Levent Alpay</i>	Lecture Video-Assisted Thoracoscopic Surgery & Robotic Surgery in Thoracic Surgery <i>A. Levent Alpay</i>	Assessment Session Written Exam (MCQ) Oral Exam
13.50- 14.30	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery <i>S. Volkan Baysungur</i>	Lecture Tracheobronchial & Esophageal Foreign Bodies <i>A. Levent Alpay</i>	Lecture Lung Cancers and Other Tumors of Lung <i>Cansel A. Öztürk</i>	Lecture Diaphragmatic Disorders <i>İrfan Yalçinkaya</i>	
14.40- 15.20	Lecture Radiological Evaluation of Thoracic Surgery <i>Çağatay S. Tezel</i>	Lecture Thoracic Trauma I <i>Hakan Kırıl</i>	Lecture Mediastinal Diseases and Surgical Treatment <i>Cansel A. Öztürk</i>	Lecture Esophageal Diseases and Surgical Treatment <i>İrfan Yalçinkaya</i>	
15.30- 16.10	Lecture Hemoptysis <i>Hakan Kırıl</i>	Lecture Thoracic Trauma II <i>Hakan Kırıl</i>	Lecture Surgical Treatment of the Pathologies of Pleural Cavity <i>S. Volkan Baysungur</i>	Programme Evaluation Session <i>İrfan Yalçinkaya</i>	
16.20-17.00	Lecture Surgical Pathologies of Trachea and their Treatment <i>Sina Ercan</i>	Lecture Benign Lung Diseases <i>Çağatay S. Tezel</i>	Lecture Chest wall Diseases and Surgical Treatment <i>Çağatay S. Tezel</i>	Independent Learning	

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CLINICAL ETHICS
YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

Elif Vatanoğlu Lutz, MD. Assist. Prof.

CLINICAL ETHICS

AIMS

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

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

Clinical Ethics (MED407)

Phase IV (Group B / 16-20.11.2015)

	Monday 16.11.2015	Tuesday 17.11.2015	Wednesday 18.11.2015	Thursday 19.11.2015	Friday 20.11.2015
09.00- 09.50	Introductory Session (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoğlu Lutz</i>	Lecture Explaining the General Perspective of Medical law Legislations in Turkey I <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Preventive Medicine Work Shop</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Collecting the Papers Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>
10.00- 10.50	Lecture Repeating Physician-Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	Lecture Explaining the General Perspective of Medical Law Legislations in Turkey II <i>Elif Vatanoğlu Lutz</i>			
11.00- 11.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models I <i>Elif Vatanoğlu Lutz</i>	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different From Turkey I <i>Elif Vatanoğlu Lutz</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models II <i>Elif Vatanoğlu Lutz</i>	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different From Turkey II	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>
14.00- 14.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models III <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Student Presentations</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
15.00- 15.50	Lecture Explaining the interdisciplinary approach between medical law and medical ethics <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Student Presentations</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-17:50					

Clinical Ethics (MED407)

Phase IV (Group A / 30.05-3.06.2016)

	Monday 30.5.2016	Tuesday 31.5.2016	Wednesday 01.06.2016	Thursday 02.06.2016	Friday 03.06.2016
09.00- 09.50	Introductory Session (Introduction to the General Medical Ethics Principles) <i>Elif Vatanoğlu Lutz</i>	Lecture Explaining the General Perspective of Medical Law Legislations in Turkey I <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Preventive Medicine Work Shop</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Collecting the Papers Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>
10.00- 10.50	Lecture Repeating Physician-Patient Relationship Models <i>Elif Vatanoğlu Lutz</i>	Lecture Explaining the General Perspective of Medical Law Legislations in Turkey II <i>Elif Vatanoğlu Lutz</i>			
11.00- 11.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models I <i>Elif Vatanoğlu Lutz</i>	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different From Turkey I <i>Elif Vatanoğlu Lutz</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models II <i>Elif Vatanoğlu Lutz</i>	Lecture Talking About Some Basic Examples of International Medical Legislations Which are Different From Turkey II	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>
14.00- 14.50	Lecture Application of Medical Ethics Principles to Different Physician-Patient Relationship Models III <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Student Presentations</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
15.00- 15.50	Lecture Explaining the Interdisciplinary Approach Between Medical Law and Medical Ethics <i>Elif Vatanoğlu Lutz</i>	Independent Learning <i>Preparation for Student Presentations</i>		Lecture and Discussion (Large Group) Student Presentations and <i>Elif Vatanoğlu Lutz</i>	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-17:50					

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

Özlem Tanrıöver, MD Assoc. Prof.

Hale Arık Taşyikan, MD Assist. Prof.

EVIDENCE-BASED MEDICINE

AIM

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

LEARNING OBJECTIVES

- 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

PUBLIC HEALTH (EVIDENCE BASED MEDICINE)

23.11.2015-27.11.2014

(B)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE - PHASE IV					
EVIDENCE BASED MEDICINE					
23-27.11.2015					
	Monday 23-Nov-2014	Tuesday 24-Nov-2014	Wednesday 25-Nov-2014	Thursday 26-Nov-2014	Friday 27-Nov-2014
09.00- 09.50	Introductory Session Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story Recep Erol Sezer, Özlem Tanrıöver, <i>Hale Arık Taşyikan</i>	Lecture Epidemiologic Research Types and Basic Concepts II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Written Final Exam
10.00- 10.50		Lecture Epidemiologic Research Types and Basic Concepts I <i>Hale Arık Taşyikan</i>		Discussion (Small Group) Evaluation of Diagnostic Tests Özlem Tanrıöver	
11.00- 11.50			Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Lecture Confounding Factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	EBM Case Presentations (Student) and Discussion (Large Group) <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>
12.00- 12.50	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>		
LUNCH TIME					
14.00- 14.50	Independent Learning for EBM presentations Counseling given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>	Program Evaluation Session Discussion of Exam, Evaluation of EBM Clerkship <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyikan</i>
15.00- 15.50					
16.00- 16.50					
17.00-17.50					

PUBLIC HEALTH (EVIDENCE BASED MEDICINE)

06.06.2015-10.06.2015

(A)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE - PHASE IV					
EVIDENCE BASED MEDICINE					
23-27.11.2015					
	Monday 06-Jun-2014	Tuesday 07-Jun-2014	Wednesday 08-Jun-2014	Thursday 09-Jun-2014	Friday 10-Jun-2014
09.00- 09.50	Introductory Session Introduction to EBM <i>Recep Erol Sezer</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Lecture Epidemiologic Research Types and Basic Concepts II <i>Hale Arık Taşyıkan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Written Final Exam
10.00- 10.50		Lecture Epidemiologic Research Types and Basic Concepts I <i>Hale Arık Taşyıkan</i>	Discussion (Large Group) An EBM Story <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Discussion (Small Group) Evaluation of Diagnostic Tests <i>Özlem Tanrıöver</i>	EBM Case Presentations (Student) and Discussion (Large Group) <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>
11.00- 11.50				Lecture Confounding Factor, Bias and Types of Bias <i>Özlem Tanrıöver</i>	
12.00- 12.50	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	
LUNCH TIME					
14.00- 14.50	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Independent Learning for EBM Presentations Counseling Given by: <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>	Program Evaluation Session Discussion of Exam, Evaluation of EBM Clerkship <i>Recep Erol Sezer, Özlem Tanrıöver, Hale Arık Taşyıkan</i>
15.00- 15.50					
16.00- 16.50					
17.00-17.50					

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