



YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE V

ACADEMIC PROGRAM BOOK

2014 – 2015

YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE V

ACADEMIC PROGRAM BOOK

2014 – 2015

Student's:

Name:.....

Nr:.....

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE**

PHASE V

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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 community and/or**
 - **pose high risk for individual or community health and/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 dynamic
- 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.

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PHASE V COORDINATION COMMITTEE
(TEACHING YEAR 2014 – 2015)

Başar Atalay, MD Prof. (Coordinator)

Ece Aydoğ MD Prof. (Co-Coordinator)

Melih Güven, MD Assoc Prof. (Co-coordinator)

Vildan Öztürk, MD Assist Prof. (Co-coordinator)

Oğuzhan Zahmacıoğlu MD Assist Prof. (Co-Coordinator)

Asuman Cömert Erkılıç MD Assist Prof. (Co-Coordinator)

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PHASE V

DESCRIPTION OF PHASE V

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

PHASE CONTENT

Anesthesia, Forensic Medicine, Pediatric Surgery, Pediatric Psychology, Psychology, Dermatology, Infectious Diseases, Physical Therapy and Rehabilitation, Clinical Pharmacology, Otorhinolaryngology, Neurology, Neurosurgery, Nuclear Medicine, Ophthalmology, Orthopedics, Radiology, Urology, Medical Genetics, Radiation Oncology

EXECUTIVES OF ACADEMIC YEAR

Anesthesia, Forensic Medicine, Pediatric Surgery, Pediatric Psychology, Psychology, Dermatology, Infectious Diseases, Physical Therapy and Rehabilitation, Clinical Pharmacology, Otorhinolaryngology, Neurology, Neurosurgery, Nuclear Medicine, Ophthalmology, Orthopedics, Radiology, Urology, Medical Genetics, Radiation Oncology

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AIM and OBJECTIVES of PHASE V

AIM

In the 5th phase of the 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 real patients including the outpatients and/or inpatients.

LEARNING OBJECTIVES OF PHASE V

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

KNOWLEDGE

1. **explain** clinical conditions which are 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

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ACADEMIC CALENDAR 2014 - 2015

September 1, 2014 (Monday)	Beginning of Phase V
September 29, 2014 (Monday)	Coordination Committee Meeting
October 3-7, 2014 (Friday ½-Tuesday)	Religious Holiday
October 28-29, 2014 (Tuesday ½-Wednesday)	Republic Day - National Holiday
November 10, 2014 (Monday, 09:00:12:00)	Commemoration of Atatürk
January 1, 2015 (Thursday)	New Year
January 05, 2015 (Monday)	Coordination Committee Meeting
March 14, 2015 (Saturday)	Physicians' Day
April 23, 2015 (Thursday)	National Holiday
April 27, 2015 (Monday)	Coordination Committee Meeting
May 1, 2015 (Friday)	Labor's Day
May 19, 2015 (Tuesday)	National Holiday
May 22, 2015 (Friday)	End of Phase V
June 22 - 26, 2015	Incomplete Examinations
July 01, 2015 (Wednesday)	Coordination Committee Meeting

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CLERKSHIP PROGRAMS

- ORTHOPEDICS AND TRAUMATOLOGY
- PSYCHIATRY
- CHILD PSYCHIATRY
- NEUROSURGERY
- NEUROLOGY
- OPHTHALMOLOGY
- OTORHINOLARYNGOLOGY
- DERMATOLOGY
- PHYSICAL MEDICINE AND REHABILITATION
- RADIOLOGY
- NUCLEAR MEDICINE
- RADIATION ONCOLOGY
- ANESTHESIOLOGY AND REANIMATION
- UROLOGY TRAINING PROGRAM
- INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY
- PEDIATRIC SURGERY
- MEDICAL GENETICS
- CLINICAL PHARMACOLOGY
- FORENSIC MEDICINE

PHASE V 2014 – 2015

	1. Group	2. Group	3. Group	4. Group	5. Group	6. Group	7. Group
01-05.09.2014	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)
08-12.09.2014		NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)				
15-19.09.2014		MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)				
22-26.9.2014	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ G.E.A.H (2 weeks)	RADIATION ONCOLOGY K.L.K. (1 week)					
29.09-03.10.2014							
08-10.10.2014	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)
13-17.10.2014			NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)			
20-24.10.2014							
27-31.10.2014	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ G.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)
3-07.11.2014			RADIATION ONCOLOGY K.L.K. (1 week)				
10-14.11.2014							
17-21.11.2014	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)
24-28.11.2014				NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)		
01-05.12.2014	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F + G.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F (2 weeks)
08-12.12.2014				RADIATION ONCOLOGY K.L.K. (1 week)			
15-19.12.2014							
22-26.12.2014	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)
29.12-02.01.2015					NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)	
05-09.01.2015	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ G.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)
12-16.01.2015					RADIATION ONCOLOGY K.L.K. (1 week)		
19-23.01.2015	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)
26-30.01.2015						NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)
02-06.02.2015							
09-13.02.2015	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ G.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)
16-20.02.2015						RADIATION ONCOLOGY K.L.K. (1 week)	
23-27.02.2015	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)
02-06.03.2015							NUCLEAR MEDICINE Y.Ü.T.F. (1 week)
09-13.03.2015	CHILD PSYCHIATRY Y.Ü.T.F (1 week)						
16-20.03.2015	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ G.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)
23-27.03.2015							RADIATION ONCOLOGY K.L.K. (1 week)
30.03-03.04.2015	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.F + E.R.S.H. (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINOLARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)
06-10.04.2015							
13-17.04.2015							
20-24.04.2015	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + G.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F + G.E.A.H (2 weeks)
27.04-1.05.2015							
04-13.05.2015							
14-22.05.2015	CL. PHARMACOLOGY Y.Ü.T.F. (GROUP I)				FORENSIC MEDICINE Y.Ü.T.F. (GROUP II)		
	FORENSIC MEDICINE Y.Ü.T.F. (GROUP I)				CL. PHARMACOLOGY Y.Ü.T.F. (GROUP II)		

Y.Ü.T.F: Yeditepe University Hospital,

Y.Ü.T.F*: Yeditepe University Genetics Diagnosis Center, Acıbadem İstek Vakfı

G.E.A.H.: Ministry of Health İstanbul Medeniyet University Göztepe Training and Research Hospital

H.N.H: Haydarpaşa Numune Training and Research Hospital

E.R.S.H: Erenköy Neuropsychiatric Training and Research Hospital

F.S.M.: Fatih Sultan Mehmet Training and Research Hospital

K.L.K: Dr. Lütfi Kırdar Kartal Training and Research Hospital

**YEDİTEPE UNIVERSITY
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PHASE V**

STUDENT GROUPS

GROUPS 1 DELAGATE: İREM ÇULCUOĞLU

1	290800001	ERİNÇ BÜYÜKPATIR
2	20100800023	REYHAN NİL KIRŞAN
3	290800036	MERİÇ MENEKŞELİ
4	20100800080	OSMAN TÜRE
5	20100800028	OĞUZ FIRAT BOZKURT
6	290800027	ORKUN UZUNYÜPOĞLU
7	20100800007	GAYE GÜLDİKEN
8	290800069	İREM ÇULCUOĞLU
9	290800009	GÖKÇE GÜLDİKEN
10	290800021	TARIK ÇETE
11	290800016	SESİL DABAKOĞLU

GROUPS 2 DELAGATE : DAMLA NAFİLE

1	20100800024	TUĞBA MÜDÜROĞLU
2	20100800017	TAHA OĞUZ KAYHAN
3	20100800030	MERVE ERGİN
4	20100800034	HİKMET NEŞE ERGÜN
5	20100800004	ZERRİN DÜZGÖREN
6	290800012	AYSUCAN ÖZEMİR
7	290800040	ŞÜHEDA KARA
8	290800037	ÖZGE KINLI
9	290800050	DAMLA NAFİLE
10	290800006	MURAT ÖZEL

GROUPS 3 DELAGATE: SİRMA YALAZ

1	20100800049	SİRMA YALAZ
2	290800033	KUMSAL BİHTER KONTAYTEKİN
3	290800024	HASAN ÇAM
4	290800053	ATAKAN BERK ONUR
5	20100800010	İSMET MORKOÇ
6	2908000	BARIŞ CEM ÖZKAN
7	290800008	ALİ MURAT KARADAĞ
8	290800035	CANBERK PEKER
9	20100800041	BERKAN SEVİNDİK
10	290800058	EBRU ZEHRA AKGÜN

GROUPS 4 DELAGATE: MÜGE MERVE AKKİTAP

1	290800061	METEHAN ABAY
2	290800020	BAHATTİN BERKER PEKTAŞ
3	290800004	YAĞIZ DENİZCİ
4	290800028	ÖZGE MUMOĞULARINDA
5	290800065	FATMA HAZAL TOPÇUOĞLU
6	280800063	NURLAN İSRAFİLOV
7	280800058	OSMAN KEPENEK
8	290800044	MÜGE MERVE AKKİTAP
9	20100800028	MERT LEVENT BARUT
10	290800026	ARDA AKOLUK
11	20100800079	HUSSEIN MIRI

GROUPS 5 DELAGATE: ECEM DÖNMEZ

1	20100800070	ECEM DÖNMEZ
2	20100800011	SEDEN TÜLEK
3	290800010	ARTUN ONAT YILMAZ
4	290800063	MÜŞERREF İPEK GİDER
5	20110800081	EMİNE EFENDİ
6	280800026	DAMLA DÖKMECİ
7	290800059	HATİCE KÜBRA ŞAHBAZ
8	280800078	GİZEM SULTAN YAKUT
9	20100800003	ÖZLEM YÜKSEL
10	250800061	SERAP ARSLAN

GROUPS 6 DELAGATE: SEMİH AK

1	290800051	YİĞİT CAN BİNATLI
2	290800015	DUYGU CEBECİK
3	290800048	ŞEYMA MATOĞLU
4	290800023	FERAH KADER
5	290800057	ADNAN GÜNDOĞDU
6	290800057	HASAN ÖZDEMİR
7	290800062	MEHMET SALİH ÖZTÜRK
8	290800017	MUSTAFA SERPİ
9	290800070	MAHMUT TİMUR TURHAN
10	20100800043	SEMİH AK

GROUPS 7 DELAGATE: SELİN ŞAHİN

1	20100800002	ÖNDER ÖLMEZ
2	290800047	MUHAMMET UĞUR OK
3	20100800037	EKİN FIRAT ÖZBEK
4	20100800018	SAMET ÇAM
5	20120800077	ÇAĞLA BOZKAN
6	20100800056	ŞİRİN NEFİSE TÜTER
7	20100800052	SELİN ŞAHİN
8	20100800062	AYLA METİN
9	20100800046	BUKET İPEKÇİOĞLU
10	20100800064	İREM ÖZGE ŞARLAK

**YEDİTEPE UNIVERSITY
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STUDENT COUNSELING

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

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

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

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

The expectations from the student are as follows:

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

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

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

LIST OF STUDENT COUNSELING

	NO	AD	SOYAD	EĞİTİM DANIŞMANI
1	290800061	METEHAN	ABAY	BAŞAR ATALAY ,MD PROF.
2	20100800043	SEMİH	AK	BORA FARSAK MD PROF.
3	290800058	EBRU ZEHRA	AKGÜN	SELAMİ SÖZÜBİR MD PROF.
4	290800044	MÜGE MERVE	AKKİTAP	SELAMİ SÖZÜBİR MD PROF.
5	290800026	ARDA	AKOLUK	ÖZCAN GÖKÇE MD PROF.
6	20100800061	MERT LEVENT	BARUT	ÖZCAN GÖKÇE MD PROF.
7	250800061	SERAP	ARSLAN	ATILLA ÖZKAN MD ASSIST. PROF.
8	290800051	YİĞİT CAN	BİNATLI	ATILLA ÖZKAN MD ASSIST. PROF.
9	20100800028	OĞUZ FIRAT	BOZKURT	BAKİ EKÇİ MD ASSOC.PROF.
10	20120800077	ÇAĞLA	BOZKAN	BAKİ EKÇİ MD ASSOC.PROF.
11	290800001	ERİNÇ	BÜYÜKPATIR	MURAT KALAYCI MD ASSIST. PROF.
12	290800015	DUYGU	CEBECİK	MURAT KALAYCI MD ASSIST. PROF.
13	290800024	HASAN	ÇAM	MURAT KALAYCI MD ASSIST. PROF.
14	20100800018	SAMET	ÇAM	FERDA ÇİFTÇİ MD PROF.
15	290800021	TARIK	ÇETE	FERDA ÇİFTÇİ MD PROF.
16	290800069	İREM	ÇULCUOĞLU	BELKIS ILGAZ YALVAÇ MD PROF.
17	290800016	SESİL	DABAKOĞLU	BELKIS ILGAZ YALVAÇ MD PROF.
18	290800004	YAĞIZ	DENİZCİ	SİNAN TATLIPINAR MD PROF.
19	280800026	DAMLA	DÖKMECİ	SİNAN TATLIPINAR MD PROF.
20	20100800070	ECEM	DÖNMEZ	RACİHA BERİL KÜÇÜMEN MD ASSOC.PROF.
21	20100800004	ZERRİN	DÜZGÖREN	RACİHA BERİL KÜÇÜMEN MD ASSOC.PROF.
22	20100800030	EMİNE	EFENDİ	UMUT ASLI DİNÇ MD ASSOC.PROF.
23	20100800030	MERVE	ERGİN	UMUT ASLI DİNÇ MD ASSOC.PROF.
24	20100800034	HİKMET NEŞE	ERGÜN	ŞULE ZİYLAN MD ASSOC.PROF.
25	290800063	MÜŞERREF İPEK	GİDER	ŞULE ZİYLAN MD ASSOC.PROF.
26	290800009	GÖKÇE	GÜLDİKEN	CANAN ASLI YILDIRIM MD ASSOC.PROF.
27	20100800007	GAYE	GÜLDİKEN	CANAN ASLI YILDIRIM MD ASSOC.PROF.
28	290800057	ADNAN	GÜNDOĞDU	AHMET TUNÇ ÖZDEMİR MD ASSOC.PROF.
29	20100800046	BUKET	İPEKÇİOĞLU	AHMET TUNÇ ÖZDEMİR MD ASSOC.PROF.
30	280800063	NURLAN	İSRAFİLOV	EBRU GÖRGÜN MD ASSIST. PROF.
31	290800023	FERAH	KADER	EBRU GÖRGÜN MD ASSIST. PROF.
32	290800040	ŞÜHEDA	KARA	EBRU GÖRGÜN MD ASSIST. PROF.
33	290800008	ALİ MURAT	KARADAĞ	MUHSİN ALTUNSOY MD ASSIST. PROF.
34	20100800017	TAHA OĞUZ	KAYHAN	MUHSİN ALTUNSOY MD ASSIST. PROF.
35	280800058	OSMAN	KEPENEK	MUHSİN ALTUNSOY MD ASSIST. PROF.
36	290800037	ÖZGE	KINLI	VİLDAN ÖZTÜRK MD ASSIST. PROF.
37	20100800023	REYHAN NİL	KIRŞAN	VİLDAN ÖZTÜRK MD ASSIST. PROF.
38	290800033	KUMSAL BİHTER	KONTAYTEKİN	VİLDAN ÖZTÜRK MD ASSIST. PROF.
39	290800048	ŞEYMA	MATOĞLU	NEŞET CEM FİÇİCİOĞLU MD PROF.
40	290800036	MERİÇ	MENEKŞELİ	NEŞET CEM FİÇİCİOĞLU MD PROF.
41	20100800062	AYLA	METİN	SONER SANIOĞLU MD ASSOC.PROF.

42	20100800079	HUSSEIN	MIRI	SONER SANIOĞLU MD ASSOC.PROF.
43	20100800010	İSMET	MORKOÇ	GAZİ YILDIRIM MD ASSOC.PROF.
44	290800028	ÖZGE	MUMOGULLARINDA	GAZİ YILDIRIM MD ASSOC.PROF.
45	20100800024	TUĞBA	MÜDÜROĞLU	OLUŞ API MD ASSOC.PROF.
46	290800050	DAMLA	NAFİLE	OLUŞ API MD ASSOC.PROF.
47	290800047	MUHAMMET UĞUR	OK	RUKSET ATTAR MD ASSOC.PROF.
48	290800053	ATAKAN BERK	ONUR	RUKSET ATTAR MD ASSOC.PROF.
49	20100800002	ONDER	ÖLMEZ	YAVUZ SELİM PATA MD PROF.
50	20100800037	EKİN FIRAT	ÖZBEK	YAVUZ SELİM PATA MD PROF.
51	290800012	AYSUCAN	ÖZDEMİR	MÜZEYYEN DOĞAN MD ASSOC.PROF.
52	290800057	HASAN	ÖZDEMİR	MÜZEYYEN DOĞAN MD ASSOC.PROF.
53	290800006	MURAT	ÖZEL	MÜZEYYEN DOĞAN MD ASSOC.PROF.
54	2908000	BARİŞ CEM	ÖZKAN	FAİK ALTINTAŞ MD PROF.
55	290800062	MEHMET SALİH	ÖZTÜRK	FAİK ALTINTAŞ MD PROF.
56	290800035	CANBERK	PEKER	MELİH GÜVEN MD ASSOC.PROF.
57	290800020	BAHATTİN BERKER	PEKTAŞ	MELİH GÜVEN MD ASSOC.PROF.
58	290800017	MUSTAFA	SERPİ	TURHAN ÖZLER MD ASSOC.PROF.
59	20100800041	BERKAN	SEVİNDİK	TURHAN ÖZLER MD ASSOC.PROF.
60	290800059	HATİCE KÜBRA	ŞAHBAZ	ÇAĞATAY ULUÇAY MD ASSIST. PROF.
61	20100800052	SELİN	ŞAHİN	ÇAĞATAY ULUÇAY MD ASSIST. PROF.
62	20100800064	İREM ÖZGE	ŞARLAK	CAN ÇINAR MD ASSOC.PROF.
63	290800065	FATMA HAZAL	TOPÇUOĞLU	CAN ÇINAR MD ASSOC.PROF.
64	290800070	MAHMUT TİMUR	TURHAN	UĞUR ANIL BİNGÖL MD ASSIST. PROF.
65	20100800080	OSMAN	TÜRE	UĞUR ANIL BİNGÖL MD ASSIST. PROF.
66	20100800011	SEDEN	TÜLEK	UĞUR ANIL BİNGÖL MD ASSIST. PROF.
67	20100800056	ŞİRİN NEFİSE	TÜTER	FARUK YENCİLEK MD ASSOC.PROF.
68	290800027	ORKUN	UZUNEYÜPOĞLU	FARUK YENCİLEK MD ASSOC.PROF.
69	280800078	GİZEM SULTAN	YAKUT	FARUK YENCİLEK MD ASSOC.PROF.
70	20100800049	SIRMA	YALAZ	FARUK YENCİLEK MD ASSOC.PROF.
71	290800010	ARTUN ONAT	YILMAZ	HASBEY HAKAN KOYUNCU MD ASSIST. PROF.
72	20100800003	ÖZLEM	YÜKSEL	HASBEY HAKAN KOYUNCU MD ASSIST. PROF.

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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.

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HOSPITAL ORIENTATION PROGRAM

(The program is held in conference hall in Yeditepe University Hospital on the 13th of September between 12.00-15.00 hours. Each student should attend the orientation program.)

Prof. Dr. Selami Sözübir / 60 min.....Quality Improvement and International Patient Safety
Prof.Dr. Meral Sönmezoğlu / Sevim Şen (Nurse) 30 min.....Infection Control Program
Anıl Sönmez (Pharmacist) 30 min.....Drug Safety
Fadıl Sarıgül 30 min.....Disaster Plan of Yeditepe Hospital

ORTHOPEDICS AND TRAUMATOLOGY CLERKSHIP (3 Weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Orthopedics and Traumatology: Faik Altıntaş, MD Prof.

Melih Güven, MD Assoc. Prof.

Çağatay Uluçay, MD Assist. Prof.

Turhan Özler, MD Assist. Prof.

CLERKSHIP	ORTHOPEDICS and TRAUMATOLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on symptoms of congenital, acquired or traumatic clinical conditions related to musculoskeletal system, 2. equip students with knowledge, skills and attitudes required to detect clinical sings in clinical conditions related to musculoskeletal system, 3. equip students with knowledge, skills and attitudes required to employ diagnostic tools and treatment modalities in clinical conditions related to musculoskeletal system.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	<ol style="list-style-type: none"> 1. explain anatomy and physiology of musculoskeletal system, besides pathology of clinical conditions related to musculoskeletal system 2. describe diagnosis of traumatic, skeletal and soft tissue pathologies, and their management in emergency states 3. describe congenital pediatric orthopedic problems and general treatment strategies 4. describe physiopathological causes of degenerative disorders and optimal managements 5. describe degenerative spinal disorders, spine deformities and traumatic spine disorders 6. explain diagnostic and therapeutic modalities in sports injury 7. describe classification, diagnosis and treatment modalities in musculoskeletal tumors
SKILLS	<ol style="list-style-type: none"> 8. perform orthopedic examination of musculoskeletal system, 9. perform first aid, wound care, bandaging, and management of temporary fracture stabilization, in case of fracture
ATTITUDES	<ol style="list-style-type: none"> 10. be aware of importance of differentiation of musculoskeletal diseases and fractures, 11. make guidance to patient about treatment, 12. have good communication with patient and accompanying persons or care givers

Phase V Orthopedics and Traumatology

1st Week

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00	Dr F. Altıntaş Introduction to Orthopedics and Traumatology	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Postop X-Ray Round
9:00-12:00	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics
12:00-13:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-16:00	Dr M. Güven Pelvis and Acetabular Fractures Open Fractures and Wound Treatment Fractures of Children	Dr T. Özler Dislocations and Fractures of the Lower Extremity	Dr F. Altıntaş Basic Principles of Fractures and Fracture Healing Osteomyelitis and Septic Arthritis	Dr M. Güven Benign and Malign Bone Tumors	Dr Ç. Uluçay Spinal Trauma and Fractures
16:00-17:00	Examination of Hip	Examination of Knee	Examination of Upper Extremity	Pediatric Examination	Cast Application

2nd Week

8:00-9:00	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Postop X-Ray Round
9:00-12:00	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics
12:00-13:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-16:00	Dr. M. Güven Developmental Dysplasia of The Hip Perthes Disease Slipped Capital Femoral Epiphysis	Dr T. Özler Metabolic Bone Diseases Avascular Bone Necrosis and Management in Adults	Dr F. Altıntaş Cerebral Palsy Osteoarthritis and Arthroplasty	Dr T. Özler Shoulder and Elbow Problems Knee Problems in Sports Medicine and Arthroscopy Cartilage Biology and Injuries	Dr Ç. Uluçay Scoliosis and Kyphosis Degenerative and Inflammatory Diseases of the Spine
16:00-17:00	Gait Evaluation	Wound Management	Management after Sports Injury	Examination of Spine	Examination of Cerebral Palsy

3rd Week

8:00-9:00	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	Student Presentation Operation / Polyclinics Preop-X Ray Round	
9:00-12:00	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Operation / Polyclinics	Written Examination
12:00-13:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-16:00	Dr M. Güven Congenital Anomalies of the Lower Extremity PEV	Dr T. Özler Disorders of the Foot and Ankle	Dr Ç. Uluçay Dislocations and Fractures of the Upper Extremity	Dr Ç. Uluçay Microvascular Surgery and Replantations	Oral Examination
16:00-17:00	Evaluation of X-ray in Pediatric Orthopaedics	Evaluation of X-ray in Tumors	The Follow-up after Microsurgery		

PSYCHIATRY CLERKSHIP

(2 Weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Hakan Atalay, MD Assoc. Prof.

Naz Berfu Akbaş, MD Assist. Prof.

&

ERENKÖY NEUROPSYCHIATRIC RESEARCH AND TRAINING HOSPITAL

Serkan Çıtak, MD Assoc.Prof.

Ümit Başar Semiz, MD Assoc.Prof.

CLERKSHIP	PSYCHIATRY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none">1. convey necessary knowledge on psychiatric disorders, diagnosis and differential diagnosis,2. equip students with knowledge, skills and attitudes required to start treatment of diseases,3. equip students with knowledge, skills and attitudes required to perform follow-up in primary health care services,4. equip students with knowledge, skills and attitudes required to inform patient and their relatives about disorder,5. equip students with knowledge, skills and attitudes required to direct patient to specialist when necessary.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe organic, physiological and psychological causes of depression, anxiety and panic attacks
	2. describe organic, physiological and psychological factors related with bipolar disorder, phobias, substance use disorders, psychosomatic disorders, ADHD
	3. describe personality disorders
SKILLS	4.1. assess mental status,
	4.2. take psychiatric history
	5. make psychiatric examination
ATTITUDES	6. make neutral, extra-judicial and indiscriminate approaches to patient
	7.1. value privacy of patients,
	7.2. give patients confidence
COMPETENCIES	8. maintain empathy and effective communication with patient and accompanying persons or care givers
	9.1. distinguish symptoms and signs of psychiatric conditions,
	9.2. arrange appropriate order for laboratory tests and consultations
	9.3. diagnose psychiatric conditions,
	9.4. do preliminary interventions,
	9.5. make stabilization of psychiatric emergency cases in emergency conditions like suicide, conversion disorder, manic episode, substance-related emergencies
	9.6. arrange appropriate initial treatment,
	9.7. inform patients and care givers on personality disorders
	9.8. schedule follow-up process
	9.9. refer to specialist when necessary
	10. handle self protection from a violent patient

LECTURES

1. Introduction to psychiatry and history of psychiatry
2. Psychiatric ethics and patient-physician relations
3. Psychiatric interview and mental status examination
4. Signs and symptoms in psychiatry
5. Diagnosis and classification of psychiatric disorders
6. Mental disorders due to a general medical condition
7. Schizophrenia and other psychotic disorders
8. Alcohol related disorders
9. Substance abuse and related disorders
10. Mood disorders
11. Anxiety disorders
12. Psychiatric emergencies
13. Somatoform disorders, factitious disorders and simulation
14. Eating and sleep disorders
15. Somatic therapies
16. Dissociative disorders
17. Sexual dysfunctions, paraphilias and gender identity disorders
18. Impulse-control and adjustment disorders
19. Psychopharmacology
20. Forensic psychiatry
21. Consultation-Liaison psychiatry and geriatric psychiatry
22. Psychotherapies
23. Child and adolescent psychiatry
24. Personality disorders

FIRST WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00-10:00	Erenköy NRTN - Practice	Erenköy NRTN - Practice	Bağdat Caddesi Plk - Psychological Theories (Hakan Atalay)	Erenköy NRTN - Practice	Erenköy NRTN - Practice
10:00-11:00	Erenköy NRTN - Practice	Practice	Bağdat Caddesi - Psychiatry Dep. Meeting	Erenköy NRTN - Practice	Erenköy NRTN - Practice
11:00-12:00	Erenköy NRTN - Practice	Practice	Bağdat Caddesi - Psychiatry Dep. Meeting	Erenköy NRTN - Practice	Erenköy NRTN - Practice
12:00-13:00					
13:00-14:30	Yeditepe Un. Hosp. - Introduction to Psychiatry (Hakan Atalay)	Yeditepe Un. Hosp. - Neuroscience and Psychiatry (Hakan Atalay)	Supervision	Bağdat Caddesi - Psychiatric Interview (Naz B. Akbaş)	Bağdat Caddesi - Delirium and Other Cognitive Disorders (Naz B. Akbaş)
14:30-16:00	Supervision	Supervision	Supervision	Supervision	Supervision

Erenköy NRTN: Erenköy Neuropsychiatric Training and Research Hospital

SECOND WEEK					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00-10:00	Erenköy NRTN - Practice	Erenköy NRTN - Practice	Bağdat Caddesi Plk - Substance Related Disorders (Naz B. Akbaş)	Erenköy NRTN - Practice	Erenköy NRTN - Practice
10:00-11:00	Erenköy NRTN - Practice	Practice	Bağdat Caddesi - Psychiatry Dep. Meeting	Erenköy NRTN - Practice	Erenköy NRTN - Practice
11:00-12:00	Erenköy NRTN - Practice	Practice	Bağdat Caddesi - Psychiatry Dep. Meeting	Erenköy NRTN - Practice	Erenköy NRTN - Practice
12:00-13:00					
13:00-14:30	Yeditepe Un. Hosp. - Schizophrenia and Other Psychoses (Hakan Atalay)	Yeditepe Un. Hosp. - Treatment in Psychiatry (Hakan Atalay)	Supervision	Bağdat Caddesi - Mood Disorders (Naz B. Akbaş)	Bağdat Caddesi - Anxiety Disorders (Naz B. Akbaş)
14:30-16:00	Supervision	Supervision	Supervision	Supervision	Supervision

CHILD AND ADOLESCENT PSYCHIATRY CLERKSHIP (1 Week)

YEDİTEPE UNIVERSITY HOSPITAL

Oğuzhan Zahmacıoğlu, MD. Assist Prof.

CLERKSHIP	CHILD AND ADOLESCENT PSYCHIATRY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on psychiatric disorders, diagnosis and differential diagnosis, 2. equip students with knowledge, skills and attitudes required to start treatment of diseases, 3. equip students with knowledge, skills and attitudes required to perform follow-up in primary health care services, 4. equip students with knowledge, skills and attitudes required to inform patient and their relatives about disorder, 5. equip students with knowledge, skills and attitudes required to direct patient to specialist when necessary.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	<ol style="list-style-type: none"> 1. describe organic, physiological and psychological causes of depression, anxiety and panic attacks 2. describe organic, physiological and psychological factors related with bipolar disorder, phobias, substance use disorders, psychosomatic disorders, ADHD 3. describe personality disorders
SKILLS	<ol style="list-style-type: none"> 4.1. assess mental status, 4.2. take psychiatric history 5. make psychiatric examination
ATTITUDES	<ol style="list-style-type: none"> 6. make neutral, extra-judicial and indiscriminate approaches to patient 7.1. value privacy of patients, 7.2. give patients confidence 8. maintain empathy and effective communication with patient and accompanying persons or care givers
COMPETENCIES	<ol style="list-style-type: none"> 9.1. distinguish symptoms and signs of psychiatric conditions, 9.2. arrange appropriate order for laboratory tests and consultations 9.3. diagnose psychiatric conditions, 9.4. do preliminary interventions, 9.5. make stabilization of psychiatric emergency cases in emergency conditions like suicide, conversion disorder, manic episode, substance-related emergencies 9.6. arrange appropriate initial treatment, 9.7. inform patients and care givers on personality disorders 9.8. schedule follow-up process 9.9. refer to specialist when necessary 10. handle self protection from a violent patient

LECTURES

1. Introduction to child and adolescent psychiatry
2. Psychiatric assessment of the child
3. Understanding normal and deviant mental development
4. Risk and protective factors in child mental development
5. Assessing families
6. Child abuse and neglect
7. Normal development in adolescence
8. Common adolescent problems and relations with family
9. Pervasive developmental disorders
10. Mental retardation
11. Attention deficit hyperactivity disorder and conduct disorder.
12. Tics and Tourette's disorder
13. Enuresis and encopresis
14. Separation anxiety disorder and other childhood anxiety disorders.
15. Mood disorders in childhood and adolescence
16. Psychiatric treatments of child and adolescent mental disorders:
 - a) Psychotherapies
 - b) Pharmacologic treatments

NEUROSURGERY CLERKSHIP (2 WEEKS)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Neurosurgery: **M. Gazi Yaşargil, MD Prof.**
Uğur Türe, MD Prof.
Başar Atalay, MD Prof.

CLERKSHIP	NEUROSURGERY <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on common neurosurgical diseases including pathology, symptomatology and clinical findings of neurosurgical diseases required to organize early treatment and referral of patients to appropriate center upon indication
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. recognize general clinical presentation in neurosurgical patients.
	2. recognize neurosurgical emergencies (<i>head and spinal trauma, intracerebral hemorrhage and peripheral nerve injuries</i>)
	3.1 recognize intracranial hypertension and brain herniation syndromes 3.2 recognize skull base fractures and cerebrospinal fluid fistulas.
	4. recognize clinical findings in common brain tumors to refer patients to appropriate centers.
	5. describe spinal trauma and spinal cord injury in early period and transfer of patient to appropriate center based on knowledge of immobilization status.
	6. recognize non-traumatic neck, dorsal and low back pain
	7. describe differential diagnosis of metastatic spinal tumors and primary spinal tumors with other spinal disorders.
	8. define peripheral nerve compression syndromes and nerve injuries
	9. describe hydrocephalus, craniosynostosis and spinal dysraphism.
	10. Recognize infections meningitis, brain abscess, tuberculosis, brucellosis
	11. describe management of plegic patients to prevent bedsores, encourage mobilization and hygiene.
SKILLS	12.1 do patient history taking 12.2. make neurological examination in neurosurgical patients.
	13.1 perform resuscitation, intravenous catheter placement, wound cleaning and closure in neurosurgical emergencies.
	13.2 make immobilization, apply corset in spinal trauma and knows how to transfer patient in penetrating head trauma to start early emergent treatment
	14. plan initial treatment of increased intracranial pressure.
	15. do initial treatment of neurogenic, spinal and hemorrhagic shock.
	16. do wound cleaning in meningomyelocele for protection of sac.
	17.1. make advices for protective precautions in degenerative spinal diseases
	18. be aware of importance of early treatment in neurosurgical emergencies and referral of patients to appropriate center when necessary
ATTITUDES	19. take protective precautions in neurosurgical patients in addition to referral
COMPETENCIES	20.1. start emergency and early treatment in neurosurgical emergencies
	20.2. organize referral of patients.

Medical Student's Neurosurgery Curriculum Main Topics

1. General Introduction to Neurosurgery: Başar Atalay, M. Gazi Yaşargil

Lecture 1: Introduction to Neurosurgery

Lecture 2: Intracranial Hypertension

2. Intracranial Disease Topics: Uğur Türe, M. Gazi Yaşargil

Lecture 3: Diagnosis and Management of Head Trauma

Lecture 4: Diagnosis and Management of Brain Tumor

Lecture 5: Diagnosis and Management of Cerebrovascular Disease, Epilepsy

3. Spinal Disease: Başar Atalay

Lecture 6: Diagnosis and Management of Spinal Trauma and Spinal Cord Injury

Lecture 7: Diagnosis and Management of Nontraumatic Neck and Back Problems and Degenerative Spinal Diseases

4. Peripheral Nerve Disease: Başar Atalay

Lecture 8: Diagnosis and Management of Peripheral Nerve Injury and Entrapment

5. Pediatric Neurosurgical Problems: Başar Atalay

Lecture 9: Diagnosis and Management of Hydrocephalus and Spinal Dysraphism

6. Functional Neurosurgery: Başar Atalay

Lecture 10: Diagnosis and Management of Surgically Treatable Pain and Movement Disorders

1st Week

Yeditepe University Hospital

Monday

9.00-10.00	Introduction to Neurosurgery
10.30-12.00	Grand Round
13.30-15.30	Practice (Neurosurgical Ward)
15.30-17.00	Practice (Outpatient Clinic)

Tuesday

9.00-10.00	Grand Round
10.00-13.00	Operating Room
13.30-15.30	Practice (Neurosurgical Ward)
15.30-17.00	Practice (Outpatient Clinic)

Wednesday

9.00-10.00	Grand Round
10.30-12.00	Lectures and Seminars
12.30-15.30	Hospital Conferences
15.30-17.30	Lectures and Seminars

Thursday

9.00-10.00	Grand Round
10.30-13.00	Operating Room
13.30-15.30	Practice (Neurosurgical Ward)
15.30-17.00	Lectures and Seminars

Friday

9.00-10.00	Student Seminar and Journal Club
10.30-12.00	Lectures and Seminars
13.30-17.00	Practice (Neurosurgical Ward)

Saturday

10.00-12.00	Neurosurgery, Pathology and Radiology Joint Meeting
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2nd Week**Yeditepe University Hospital****Monday**

9.00-10.00	Grand Round
10.30-12.00	Lectures and Seminars
13.30-15.30	Practice (Neurosurgical Ward)
15.30-17.00	Lectures and Seminars

Tuesday

9.00-10.00	Grand Round
10.00-13.00	Operating Room
13.30-15.30	Practice (Neurosurgical Ward)
15.30-17.30	Lectures and Seminars

Wednesday

9.00-10.00	Grand Round
10.30-12.00	Lectures and Seminars
12.30-15.30	Hospital Conferences
15.30-17.30	Lectures and Seminars

Thursday

9.00-10.00	Grand Round
10.30-13.00	Operating Room

Friday

8.00-12.00	Neurosurgery Examination (Department of Neurosurgery)
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NEUROLOGY CLERKSHIP (3 Weeks)

YEDITEPE UNIVERSITY HOSPITAL

Head of the Department of Neurology: Berrin Aktekin, MD Prof.

Burcu Uğurel, MD Assist. Prof.

&

FATİH SULTAN MEHMET TRAINING AND RESEARCH HOSPITAL

Chief of Neurology Department: Eren Özgörke, MD Specialist Neurology

CLERKSHIP	NEUROLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> equip students with necessary knowledge, skills and attitudes to recognize pathology, symptomatology and clinical properties of clinical conditions related to neurology, equip students with necessary knowledge, skills and attitudes to initiate neurologic medical treatment in emergency cases, and to refer patients to specialized medical departments
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	<ol style="list-style-type: none"> describe clinical presentations of clinical conditions related to neurology (<i>headache, demyelinating diseases, movement disorders, dementia, epilepsy, sleep disorders, cerebrovascular diseases, muscle disorders, peripheral nerve and spinal cord diseases</i>) explain early interventions in clinical conditions related to neurology explain prognosis of clinical conditions related to neurology recognize drugs which should not be used in neurological diseases
SKILLS	<ol style="list-style-type: none"> take relevant medical history of clinical conditions related to neurology make neurological examination apply examinations to make differential diagnosis (<i>to exclude cardiac and metabolic pathologies</i>) design initial interventions to keep blood pressure in normal limits or to stop drugs in use in stroke patients with hypertension evaluate Glasgow coma scoring of unconscious patients plan and request medical tests to investigate etiology of unconsciousness
ATTITUDES	<ol style="list-style-type: none"> be aware of importance of differentiation of neurological complaints prioritize urgent examinations value early intervention support patients with information for protective measures warn patients for drugs which should not be used in neurological diseases
COMPETENCIES	<ol style="list-style-type: none"> start urgent medical interventions in neurological emergencies (<i>epileptic seizure, status epilepticus, ischemic and hemorrhagic stroke, myasthenia crisis, CNS infections, acute autoimmune polyneuropathies, headaches with secondary etiologies and/or with primer etiologies which need early intervention</i>) make patient referrals to appropriate specialized medical departments make basic treatment of patients with chronic neurological conditions (<i>following hydration situation of immobile patients, nourishment of patients, preventing of decubitus, checking drug convergence of patients and giving information</i>)

Lectures:

- 1- Neurological examination
- 2- Coma
- 3- Headache
- 4- Encephalopathies
- 5- Cerebrovascular diseases
- 6- Parkinson and Extrapyrarnidal system disorders
- 7- Multiple Sclerosis and demyelinating disorders
- 8- Epilepsy
- 9- CNS infections
- 10- Myasthenia Gravis ve neuromuscular junction disorders
- 11- Muscle diseases
- 12- ALS and motor neuron diseases
- 13- Polyneuropathies
- 14- Dementia
- 15- Sleep disorders
- 16- Spinal cord diseases

Seminars:

1. Approach to neurological ill patient
2. Examination of eye movements
3. Neurological examination
4. Pyramidal, extrapyramidal, cerebellar systems
5. Cerebral lobes
6. Cranial nerves
7. Emergency states in Neurology
8. Speech disorders
9. Funduscopic examination and clinical utilisation
10. Neuroradiology
11. Lumbar puncture and clinical utility
12. Examination of motor and sensory pathways
13. Mental disease
14. Examination of an aphasic patient
15. Approach to a patient with behavioral disorders
16. Status epilepticus
17. Approach to paraplegic patient

Case presentation	x	4 hrs
Grand round	x	12 hrs
Outpatient clinics	x	20 hrs
Pratic	x	20 hrs
Emergency	x	1 night/ per student

1st Week**Monday 1.**

08.00-09.20	Grand Round	
09.20-10.20	Grand Round	
10.30-11.20	Grand Round	
11.30-12.20	Grand Round	
13.30-14.20	Lecture Movement Disorders	Eren Özgörke, MD
14.30-15.20	Lecture Movement Disorders	Eren Özgörke, MD
15.30-16.20	Bed Side Teaching	Eren Özgörke, MD
16.30-17.20	Bed Side Teaching	Eren Özgörke, MD

Tuesday

08.00-09.20	Grand Round	
09.20-10.20	Grand Round	
10.30-11.20	Lecture Neurologic Examination	Eren Özgörke, MD
11.30-12.20	Lecture Neurologic Examination	Eren Özgörke, MD
13.30-14.20	Case Presentation	Eren Özgörke, MD
14.30-15.20	Case Presentation	Eren Özgörke, MD
15.30-16.20	Case Presentation	Eren Özgörke, MD
16.30-17.20	Case Presentation	Eren Özgörke, MD

Wednesday

08.00-09.20	Lecture Coma	Eren Özgörke, MD
09.20-10.20	Grand Round	
10.30-11.20	Grand Round	
11.30-12.20	Grand Round	
13.30-14.20	Bed Side Teaching	Eren Özgörke, MD
14.30-15.20	Bed Side Teaching	Eren Özgörke, MD
15.30-16.20	Bed Side Teaching	Eren Özgörke, MD
16.30-17.20	Bed Side Teaching	Eren Özgörke, MD

Thursday

08.00-09.20	Grand Round	
09.20-10.20	Grand Round	
10.30-11.20	Lecture Multiple Sclerosis	Eren Özgörke, MD
11.30-12.20	Lecture Multiple Sclerosis	Eren Özgörke, MD
13.30-14.20	Case Presentation	Eren Özgörke, MD
14.30-15.20	Case Presentation	Eren Özgörke, MD
15.30-16.20	Case Presentation	Eren Özgörke, MD
16.30-17.20	Case Presentation	Eren Özgörke, MD

Friday

08.00-09.20	Grand Round	
09.20-10.20	Grand Round	
10.30-11.20	Grand Round	
11.30-12.20	Grand Round	
13.30-17.20	Literatüre	

2nd Week

Monday 2.

08.00-09.20	Grand Round	
09.20-10.20	Lecture Headache	Burcu Uğurel, MD
10.30-11.20	Lecture Headache	Burcu Uğurel, MD
11.30-12.20	Lecture Cerebro -Vascular Diseases	Burcu Uğurel, MD
13.30-14.20	Lecture Cerebro -Vascular Diseases	Burcu Uğurel, MD
14.30-15.20	Out-patient Clinic	
15.30-16.20	Out-patient Clinic	
16.30-17.20	Case Presentation	Burcu Uğurel, MD

Tuesday

08.00-09.20	Grand Round	
09.20-10.20	Lecture Infections of Nervous Systems	Burcu Uğurel, MD
10.30-11.20	Lecture Infections of Nervous Systems	Burcu Uğurel, MD
11.30-12.20	Lecture Motor Neuron Disorders	Burcu Uğurel, MD
13.30-14.20	Lecture Motor Neuron Disorders	Burcu Uğurel, MD
14.30-15.20	Lecture Sleep Disorders	Burcu Uğurel, MD
15.30-16.20	Lecture Sleep Disorders	Burcu Uğurel, MD
16.30-17.20	Case Presentation	Burcu Uğurel, MD

Wednesday

08.00-09.20	Grand Round	
09.20-10.20	Lecture Epilepsy	Berrin Aktekin, MD
10.30-11.20	Lecture Epilepsy	Berrin Aktekin, MD
11.30-12.20	Lecture Epilepsy	Berrin Aktekin, MD
13.30-14.20	Lecture NMJ Diseases	Berrin Aktekin, MD
14.30-15.20	Lecture NMJ Diseases	Berrin Aktekin, MD
15.30-16.20	Lecture Spinal Cord Diseases	Berrin Aktekin, MD
16.30-17.20	Lecture Spinal Cord Diseases	Berrin Aktekin, MD

Thursday

08.00-09.20	Grand Round	
09.20-10.20	Lecture Encephalopathies	Berrin Aktekin, MD
10.30-11.20	Lecture Encephalopathies	Berrin Aktekin, MD
11.30-12.20	Lecture Muscle Diseases	Berrin Aktekin, MD
13.30-14.20	Lecture Muscle Diseases	Berrin Aktekin, MD
14.30-15.20	Lecture Disorders of Peripheral Nerves	Berrin Aktekin, MD
15.30-16.20	Lecture Disorders of Peripheral Nerves	Berrin Aktekin, MD
16.30-17.20	Case Presentation	Berrin Aktekin, MD

Friday

08.00-09.20	Grand Round	
09.20-10.20	Lecture Muscle Diseases	Berrin Aktekin, MD
10.30-11.20	Lecture Dementia	Burcu Uğurel, MD
11.30-12.20	Lecture Dementia	Burcu Uğurel, MD
13.30-17.20	Case Presentation	Berrin Aktekin, MD

3rd Week**Monday 3.**

08.00-09.20	Grand Round	
09.20-10.20	Grand Round	
10.30-12.00	Grand Round	
13.30-14.20	Bed Side Teaching	Eren Özgörke, MD
14.30-1700	Bed Side Teaching	Eren Özgörke, MD

Tuesday

08.30-09.20	Grand Round	
09.30-10.20	Grand Round	
10.30-12.00	Grand Round	
13.30-14.20	Bed Side Teaching	Eren Özgörke, MD
14.30-1700	Bed Side Teaching	Eren Özgörke, MD

Wednesday

08.30-09.20	Grand Round	
09.30-10.20	Grand Round	
10.30-12.00	Out- patient Clinic	
13.30-14.20	Out- patient Clinic	
14.30-1700	Out-patient Clinic	

Thursday

08.30-09.20	Grand Round	
09.30-10.20	Grand Round	
10.30-12.00	Grand Round	
13.30-14.20	Out-patient Clinic	
14.30-1700	Out-patient Clinic	

Friday

09.00-14.30	Exam	

OPHTHALMOLOGY CLERKSHIP (3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Ophthalmology: Ferda Çiftçi, MD Prof.

Belkıs Ilgaz Yalvaç, MD Prof.

Sinan Tatlıpınar, MD Prof.

Şule Ziylan, MD Assoc.Prof.

Raciha Beril Küçümen, MD Assoc.Prof.

Canan Aslı Yıldırım (Utine) MD Assoc.Prof.

Muhsin Altunsoy , MD Assist.Prof.

Vildan Öztürk, MD Assist.Prof.

CLERKSHIP	OPHTHALMOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on pathology, symptomatology, clinics and pharmacology of eye diseases
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe anatomy of eye and appendages and orbit,
	2. classify refractive errors and different methods of treatment
	3. describe pathologies of the cornea, conjunctiva, lacrimal system, eyelids and the orbit, mechanisms of occurrence, signs and symptoms, methods of examination and ancillary tests, and treatment options of these pathologies
	4. describe signs and symptoms of different lenticular diseases including cataracts, indications and methods of surgical treatments,
	5. explain mechanisms of occurrence, diagnostic and treatment methods and pharmacology of various glaucoma types,
	6. classify uveitis syndromes with respect to affected anatomical sites, signs and symptoms and describe different treatment options
	7. describe mechanisms of occurrence, signs and symptoms, methods of examination and ancillary tests, and treatment options of vascular and age related diseases of retina,
	8. describe pathophysiology, risk factors, signs and symptoms, preventive measures and different treatment methods of retinal detachment,
	9.1. describe signs, symptoms and examination methods of neuroophthalmological diseases,
	9.2. interpret relationship with neurological diseases and anatomical locations of lesions.
	10. describe signs, symptoms and examination methods of pediatric ophthalmological diseases and strabismus types and classify the treatment options
SKILLS	11. perform anterior segment examination with biomicroscope (slit-lamp) and fundus examination with direct ophthalmoscope,
	12. examine direct and indirect light reflexes and eye motions,
ATTITUDES	13. value impact of eye diseases on personal health,
COMPETENCIES	14. differentiate eye diseases
	15.1. judge systemic conditions to refer patients to ophthalmologists,
	15.2. schedule intervals for routine eye examinations for different age groups,
	15.3. direct patients to ophthalmologist
	16. manage and perform urgent interventions in cases of eye trauma and chemical burns

Ophthalmology clerkship is conducted in Yeditepe University Eye Health Center, Balmumcu for three weeks. During this period students will be attending lectures, invited speakers' lectures, patient examinations, grand rounds, case presentations, operating rooms, workshops, discussion classes as well as student seminars and independant study hours.

The first day students will be oriented by ophthalmologist in charge. The last day, after the exam, the exam questions and the clerkship will be evaluated with students by ophthalmologist in charge.

Detailed schedule will be given to students on the first day of clerkship.

SUBJECTS

Anatomy and Methods of Examination

Refractive Errors

Lids and Orbit

Tear Film and Lacrymal Apparatus

Conjunctiva and Cornea

Uveal Tract

Dieases of the Lens

Glaucoma

Retinal Vascular Diseases

Macular Degenerations and Retinal Dystrophies

Retinal Detachment

Pediatric Ophthalmology and Strabismus

Neuro –Ophthalmology

Ophthalmological Emergency and Trauma

**THEORETICAL EDUCATION PROGRAM
(2014 - 2015)**

WEEK 1	DAY	SUBJECT	LECTURER
	1	Anatomy and Methods of Examination	M. ALTUNSOY
	2	Refractive Errors	C.A. YILDIRIM
	3	Glaucoma	B.I. YALVAÇ
	4	Tear Film and Lacrymal Apparatus	F. ÇİFTÇİ
	5	Uveal Tract	M. ALTUNSOY
WEEK 2	DAY	SUBJECT	LECTURER
	1	Conjunctiva and Cornea	V. ÖZTÜRK
	2	Diseases of the Lens	B. KÜÇÜMEN
	3	Retinal Vascular Diseases	S. TATLIPINAR
	4	Lids and Orbit	F. ÇİFTÇİ
	5	Macular Degeneration and Hereditary Retinal Dystrophies	S. TATLIPINAR
WEEK 3	DAY	SUBJECT	LECTURER
	1	Retinal Detachment	D. BAŞAR
	2	Pediatric Ophthalmology and Strabismus	S. ZİMLAN
	3	Neuro – Ophthalmology	B.I. YALVAÇ
	4	Trauma and Emergency in Ophthalmology	C.A. YILDIRIM

OTORHINOLARYNGOLOGY & HEAD AND NECK SURGERY CLERKSHIP (3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Otorhinolaryngology: Yavuz Selim Pata, MD Prof.
İlhan Topaloğlu, MD Prof.
Müzeyyen Doğan, MD Assoc. Prof.
Ayşenur Küçük Ceyhan (Educational Audiologist)

CLERKSHIP	OTORHINOLARYNGOLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> convey necessary knowledge on historical development of otorhinolaryngology, current and future applications of diagnostic and treatment methods, convey necessary knowledge on clinical conditions related to otorhinolaryngology (<i>head and neck oncology, rhinology, laryngology, otology, facial plastic and reconstructive surgery, voice and speech disorders, neuro-otology, audiology and hearing sciences, vestibular system, congenital and genetic diseases, head and neck cancers, allergic and immunologic diseases</i>), equip students with knowledge, skills and attitudes required to manage clinical conditions related to otorhinolaryngology at primary care setting
<i>At the end of this term, student should be able to:</i>	
	<ol style="list-style-type: none"> describe external, middle and inner ear diseases explain tinnitus, hearing loss and balance problems explain basics of inner and external implant application and purpose distinguish between benign and malignant tumors at basic level in oropharyngeal diseases distinguish between benign and malignant tumors at basic level in nasopharyngeal diseases describe diagnosis and medical treatment of paranasal sinus diseases explain interventions to otorhinolaryngological emergencies describe diseases related to adenoid and tonsillar tissue describe diagnosis and treatment of salivary gland diseases explain assessment of laryngeal diseases at basic level distinguish between benign and malignant laryngeal diseases explain basics of temporomandibular joint diseases explain basics of maxillofacial traumas and orthognatic surgery outline basics of genetic disorders related to otorhinolaryngology describe interpretation of audiological and early screening tests at basic level describe acoustic and psychoacoustic assessments outline diseases related to smelling and tasting describe stomatological diseases explain basics of conventional hearing devices and their indications for use describe basics and medical treatment of laryngopharyngeal reflux describe sleep apnea and snoring problem and surgical treatment of those diseases

	22. describe swallowing disorders
	23. tell surgical techniques of incision in tracheostomy, tracheotomy, coniotomy
	24. describe voice and speech disorders and treatments of those diseases
	25. tell basics of head-neck tumors and skull base diseases
SKILLS	26. make rhinolaryngological examination
	27. use laryngoscope and otoscope
	28. design medical treatments in ear, nose and throat infections
COMPETENCIES	29.1. do diagnosis of ear, nose and throat diseases,
	29.2. transfer patient to specialized center upon indication
	30.1. prepare nasal packages, 30.2. remove foreign body from ear and nose in emergency situations

LECTURES

SALIVARY GLAND DISEASES

Lecturer: İlhan Topaloğlu, MD Prof.

Duration: 1 hour

ANATOMY AND PHYSIOLOGY OF THE LARYNX

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

CONGENITAL LARYNGEAL AND VOICE DISORDERS

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 2 hour

MALIGNANT TUMORS OF THE LARYNX

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

ESSENTIALS OF AUDIOLOGY

Lecturer: Ayşenur Küçük Ceyhan

Duration: 1 hour

HEARING LOSS

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

TINNITUS

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

VERTIGO

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

ACUTE AND CHRONIC OTITIS MEDIA

Lecturer: İlhan Topaloğlu, MD Prof.

Duration: 2 hour

RHINITIS AND SINUSITIS

Öğretim üyesi: Yavuz Selim Pata, MD. Prof.

Ders süresi: 2 saat

ANATOMY AND PHYSIOLOGY OF THE EAR

Lecturer: Müzeyyen Doğan, MD Assist. Prof.

Duration: 1 hour

DISEASES OF THE ORAL CAVITY AND OROPHARYNX

Lecturer: İlhan Topaloğlu, MD Prof.

Duration: 2 hour

LYMPH NODES PATHOLOGIES AND NECK MASSES

Lecturer: Yavuz Selim Pata, MD Prof.

Duration: 1 hour

SLEEP APNEA, SNORING AND THEIR TREATMENTS

Lecturer: İlhan Topaloğlu, MD Prof.

Duration: 1 hour

ENT EMERGENCIES

Lecturer: Yavuz Selim Pata, MD Prof.

Duration: 2 hour

1st Week					
PLACE		TIME	TYPE OF EDUCATION	LECTURER	SUBJECT
MONDAY	HOSPITAL	09:00-10:00	Lecture	Yavuz Selim Pata, MD Prof.	Learning Goal and Objectives of the ENT CLERKSHIP PROGRAM
	HOSPITAL	10:00-11:00	Lecture	Müzeyyen Doğan, MD Assist. Prof.	ANATOMY AND PHYSIOLOGY OF THE EAR
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
TUESDAY	HOSPITAL	14:00-15:00	Practise	İlhan Topaloğlu, MD Prof.	Clinical practise
		09:00-11:00	Lecture		ACUTE AND CHRONIC OTITIS MEDIA
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
WEDNESDAY	HOSPITAL	14:00-15:00	Practise	Müzeyyen Doğan, MD Assist. Prof.	Clinical practise
		09:00-11:00	Lecture		HEARING LOSS
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
THURSDAY	Bagdat Outpatient Clinic	14:00-15:00	Practise	Müzeyyen Doğan, MD Assist. Prof.	Clinical practise
		09:00-11:00	Lecture		VERTIGO AND TINNITUS
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
FRIDAY	HOSPITAL	14:00-15:00	Practise	İlhan Topaloğlu, MD Prof.	Clinical practise
		09:00-11:00	Lecture		DISEASES OF THE ORAL CAVITY AND OROPHARYNX
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
FRIDAY	HOSPITAL	14:00-15:00	Practise	İlhan Topaloğlu, MD Prof.	Clinical practise
		09:00-11:00	Lecture		DISEASES OF THE ORAL CAVITY AND OROPHARYNX
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise

2nd Week

MONDAY	HOSPITAL	09:00-11:00	Lecture	Yavuz Selim Pata, MD Prof.	RHINITIS AND SINUSITIS
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
		14:00-15:00	Practise		Clinical practise
TUESDAY	HOSPITAL	09:00-10:00	Lecture	Yavuz Selim Pata, MD Prof.	LYMPH NODES PATHOLOGIES AND NECK MASSES
	HOSPITAL	10:00-11:00	Lecture	İlhan Topaloğlu, MD Prof.	SLEEP APNEA, SNORING AND THEIR TREATMENTS
			Practise Practise Practise		Clinical practise Clinical practise Clinical practise
WEDNESDAY	HOSPITAL	09:00-10:00	Lecture	Müzeyyen Doğan, MD Assist. Prof.	ANATOMY AND PHYSIOLOGY OF THE LARYNX
	HOSPITAL	10:00-11:00	Lecture	Müzeyyen Doğan, MD Assist. Prof.	MALIGNANT TUMORS OF THE LARYNX
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
		14:00-15:00	Practise		Clinical practise
THURSDAY	Bağdat Outpatient Clinic	09:00-11:00	Lecture	Educational Audiologist Ayşenur Küçük Ceyhan	ESSENTIAL OF AUDIOLOGY
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
		14:00-15:00	Practise		Clinical practise
FRIDAY	HOSPITAL	09:00-10:00	Lecture	İlhan Topaloğlu, MD Prof.	SALIVARY GLAND DISEASES
		11:00-12:00	Practise		Clinical practise
		13:00-14:00	Practise		Clinical practise
		14:00-15:00	Practise		Clinical practise

3rd Week

MONDAY	HOSPITAL	09:00-1100	Lecture	Yavuz Selim Pata, MD Prof.	ENT EMERGENCIES
		11:00-12:00 13:00-14:00 14:00-15:00	Practise Practise Practise		Clinical practise Clinical practise Clinical practise
TUESDAY	HOSPITAL	09:00-10:00 10:00-11:00 11:00-12:00 13:00-14:00	Practise Practise Practise Practise	Yavuz Selim Pata, MD Prof.	
WEDNESDAY	HOSPITAL	09:00-1100	Lecture		CONGENITAL LARYNGEAL AND VOICE DISORDERS
		11:00-12:00 13:00-14:00 14:00-15:00	Practise Practise Practise	Müzeyyen Doğan, MD Assist. Prof.	Clinical practise Clinical practise Clinical practise
THURSDAY	HOSPITAL	09:00-10:00 10:00-11:00 11:00-12:00 13:00-14:00	Practise Practise Practise Practise	Müzeyyen Doğan, MD Assist. Prof.	
FRIDAY	HOSPITAL		Examination		

DERMATOLOGY CLERKSHIP (3 weeks)

YEDITEPE UNIVERSITY HOSPITAL

Head of the Department of Dermatology: M. Oktay Taşkan , MD Prof.
Özlem Akın, MD Assist. Prof.
Asuman Cömert Erkılınç, MD Assist. Prof.

CLERKSHIP	DERMATOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. equip students with necessary knowledge, skills and attitudes required for diagnosis, treatment and prevention of frequently observed dermatologic and sexually transmitted diseases
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. evaluate patient and dermatovenereological examination methods
	2. make diagnosis and differential diagnosis of dermatologic diseases
	3. perform basic diagnostic methods (<i>search of fungal infection with KOH, wood light</i>)
	4. tell dermatologic emergencies and to choose patients who should be sent to a specialist
	5. make diagnosis and treatment of frequently seen cutaneous infections (bacterial, fungal, viral) and infestations
	6. describe frequently observed sexually transmitted diseases
SKILLS	7. perform a relevant dermatovenereologic history taking
	8. perform superficial wound care
ATTITUDES	9. make identification of elementary lesions successfully
	10. differentiate dermatologic lesions which are related to systemic diseases and send patient to a dermatologist

		Asuman Cömert Erkiliç MD Asist. Prof.	Özlem Akın, MD Asist. Prof.	M. Oktay Taşkapan, MD Prof.
1 st Week	Monday	HOSPITAL	HOSPITAL	Bağdat Cad. P.
		09:00-12:00 Practice	09:00-12:00 Practice	09:00-12:00 Practice
		HOSPITAL	HOSPITAL	HOSPITAL
		-	-	14:30-15:20 Basic structure & functions of the skin 15:30-17:30 Principles of dermatologic diagnosis
	Tuesday	Bağdat Cad. P.	HOSPITAL	Bağdat Cad. P.
			09:00-10:50 Bacterial skin infections 11:00-13:00 Viral skin infections 14:00-17:00 Practice	
		14:00-17:00 Practice		14:00-17:00 Practice
	Wednesday	HOSPITAL	Bağdat Cad. P.	HOSPITAL
		09:00-10:50 Treatment Modalities in Dermatology 11:00-11:50 Behçet's Disease		
		-	-	14:00-16:00 Dermatitis
	Thursday	-	-	-
	Friday	Bağdat Cad. P.	HOSPITAL	Bağdat Cad. P.
		13:00-17:00 Practice	09:00-11:00 Fungal skin infections 13:00-17:00 Practice	13:00-17:00 Practice

		Asuman Cömert Erkiliç MD Asist. Prof.	Özlem Akin, MD Asist. Prof.	M. Oktay Taşkapan, MD Prof.
2 nd Week	Monday	HOSPITAL	HOSPITAL	HOSPITAL
		09:00-10:50 Acne and acneiform dermatoses 11:00-12:00 Alopecia (1)	-	15:00-17:00 Urticaria and angioedema
	Tuesday	Bağdat Cad. P.	HOSPITAL	Bağdat Cad. P.
		13:00-17:00 Practice	09:00-10:50 Parasitic skin diseases 11:00-11:50 Melanocytic naevi 13:00-17:00 Practice	13:00-17:00 Practice
	Wednesday	HOSPITAL	Bağdat Cad. P.	HOSPITAL
		09:00-09:50 Alopecia (2) 10:00-12:00 Papulosquamous skin disorders	-	14:00-16:00 Connective tissue diseases and vasculitis
	Thursday	-	-	-
	Friday	Bağdat Cad. P.	HOSPITAL	Bağdat Cad. P.
		13:00-17:00 Practice	09:00-09:50 Melanoma 10:00-12:00 Chronic autoimmune blistering dermatoses 13:00-17:00 Practice	13:00-17:00 Practice
3 rd Week	Monday	HOSPITAL	HOSPITAL	Bağdat Cad. P.
		09:00-09:50 Precancerous skin disorders 10:00-12:00 Skin cancers 13:00-17:00 Practice	13:00-17:00 Practice	13:00-17:00 Practice
	Tuesday	Bağdat Cad. P.	HOSPITAL	Bağdat Cad. P.
		13:00-17:00 Practice	09:00-11:00 Cutaneous tuberculosis, leprosy and erythema nodosum 13:00-17:00 Practice	13:00-17:00 Practice
	Wednesday	HOSPITAL	Bağdat Cad. P.	HOSPITAL
		09:00-09:50 Vitiligo 10:00-12:00 Sexually transmitted diseases		14:00-16:00 Adverse cutaneous reactions to the drugs
	Thursday	-	-	-
	Friday	09:00-12:00 Examination		

**PHYSICAL MEDICINE AND REHABILITATION CLERKSHIP
(2 Weeks)**

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Physical Medicine and Rehabilitation: Ece Aydoğ, MD Prof.

&

**MINISTRY OF HEALTH ISTANBUL MEDENİYET UNIVERSITY
GÖZTEPE TRAINING AND RESEARCH HOSPITAL**

Ercan Madenci, MD Assoc. Prof.

CLERKSHIP	PHYSICAL MEDICINE and REHABILITATION <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on pathology, symptomatology, clinical findings and treatment of musculoskeletal system diseases, 2. equip students with basic knowledge, skills and attitudes on rehabilitation medicine, 3. equip students with general approach to patients with physical disabilities.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1.1. explain etiopathogenesis of degenerative joint diseases,
	1.2. describe general treatment approaches
	2.1. explain etiopathogenesis of inflammatory joint diseases,
	2.2. describe general treatment approaches
	3. explain etiopathogenesis of osteoporosis and metabolic bone disease, osteoporosis risk factors, prevention and treatment of osteoporosis
	4. explain pathophysiology of pain, pain assessment, and medical treatment or physiotherapy of different types of pain.
	5. describe approach to patients with physical disabilities,
	6. classify etiology and principles of general rehabilitation of stroke and other neurologic disorders.
	7.1. discriminate early and late period complications of spinal cord injuries,
	7.2. describe treatment
SKILLS	8. evaluate radiology of spine and joints in musculoskeletal system diseases.
	9. describe physical therapy agents used in rehabilitation and their indications and contraindications.
	10.1. describe symptoms and signs of peripheral nerve injuries, polyneuropathies,
	10.2. explain rehabilitation principles of peripheral nerve injuries and treatment approaches.
	11.1. perform relevant history taking from patient with musculoskeletal system disorder
	11.2. do musculoskeletal system and neurologic examination
	12.1. evaluate muscle strength and spasticity,

	12.2. do detailed neurologic examination in patients with stroke and spinal cord injury.
	13.1. handle patient immobilization regarding complications,
	13.2. give correct bed position,
	13.3. follow up decubitus,
ATTITUDES	13.4. apply range of motion exercises.
	14. prioritize conservative treatments and preventions in patients with musculoskeletal system disease,
	15. have good relationship with patients and patient's companions
COMPETENCIES	16. value importance of quality of life
	17. do differential diagnosis in degenerative joint diseases,
	18. do differential diagnosis in inflammatory joint diseases,
	19. do differential diagnosis and treatment of cervical and upper extremity, back and lower extremity pain
	20. request correct laboratory and radiological examinations
	21. arrange exercise types, kind of exercise given according to patient's diagnosis,
	22. refer patient to convenient centers when necessary

LECTURES

1. Physical agents, orthotic and prosthetic use in rehabilitation
2. Degenerative arthritis (Osteoarthritis):
3. Osteoporosis and metabolic bone diseases:
4. Differential diagnosis and treatment of low back and lower extremity
5. Peripheral nerve diseases
6. Seronegative spondyloarthropathies (Spa)
7. Inflammatory joint diseases
8. Drug use in diseases of the musculoskeletal system
9. Symptoms and Signs of Musculoskeletal System:
10. Physical Examination of Specific Joints
11. Radiologic evaluation of Musculoskeletal System Diseases:
12. Therapeutic exercises
13. The pathophysiology of pain, treatment and classification
14. Cervical and upper extremity pain:
15. Rehabilitation of neurologic disorders
16. Spinal Cord Diseases

FIRST WEEK

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00-10:45	Musculoskeletal (locomotor) system symptom and signs	Seronegative spondyloarthropathies	Differential diagnosis and treatment of lowback and lower extremity pain	Diagnosis and treatment of servical and upper extremity pain	Seminar Rehabilitation of Neurologic Diseases
11:00-12:15	Musculoskeletal (locomotor) system examination	Degenerative Arthritis	Physical medicine agents and ortosis and prothetics in rehabilitation	Radiologic evaluation of musculoskeletal disorders	Diseases of spine and spinal cord
13:30-16:30	Clinical practice	Clinical practice	Clinical practice	Clinical practice	Clinical practice

SECOND WEEK

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00-10:45	Pain pathophysiology, classification and treatment	Osteoporosis and metabolic bone diseases	Periferic nerve diseases	Clinical practice	Exam
11:00-12:15	Therapeutic exercises	Drug use in musculoskeletal system disorders	Enflammatory joint diseases		
13:30-16:30	Clinical practice	Clinical practice	Clinical practice	Clinical practice	

RADIOLOGY CLERKSHIP
(2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Neslihan Taşdelen, MD Assoc. Prof.
Bengi Gürses, MD Assoc. Prof.
Ayşegül Sarıkaya, MD Assist. Prof.
Ali Özgen, MD

CLERKSHIP	RADIOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. equip students with necessary knowledge and skills to recognize indications of basic and most commonly used radiological modalities, 2. equip students with necessary knowledge and skills to evaluate results of basic and most commonly used radiological modalities
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. outline basic knowledge on physical principles and mechanisms of basic radiological modalities (<i>direct roentgenogram, ultrasound, computed tomography, magnetic resonance imaging</i>).
	2.1. recognize unwanted effects of X-ray radiation, 2.2. explain ways of protection
SKILLS	3. choose optimal radiological modality in most commonly encountered pathologies and in emergency medical conditions
	4.1. identify basic emergency conditions on radiological images, 4.2. inform responsible clinician

A. Lectures

Week 1:

Monday:

Introduction to Radiology (10:00-10:50) Neslihan Taşdelen, MD – Associate Professor Radiology

Radiation Physics, X-Ray Safety and protection (11:00-11:50) Neslihan Taşdelen, MD – Associate Professor Radiology

Tuesday:

Neuroradiology (10:00-11:50) Ayşegül Sarsılmaz, MD – Assistant Professor Radiology

Wednesday:

Chest imaging (10:00-11:50) Ali Özgen, MD – Assistant Professor Radiology

Thursday:

Imaging of Musculoskeletal System – I (10:00-11:50) Neslihan Taşdelen, MD – Associate Professor Radiology

Friday:

Abdominal Imaging (10:00-11:50) Bengi Gürses, MD – Associate Professor Radiology

Week 2:

Monday:

Breast Imaging (10:00-10:50) Bengi Gürses, MD – Associate Professor Radiology

Imaging of Gastrointestinal System (11:00-11:50) Bengi Gürses, MD – Associate Professor Radiology

Tuesday:

Imaging of Musculoskeletal System – II (10:00-10:50) Neslihan Taşdelen, MD – Associate Professor Radiology

Spinal Imaging (11:00-11:50) Ayşegül Sarsılmaz, MD – Assistant Professor Radiology

Wednesday:

Vascular imaging (10:00-10:50) Ali Özgen, MD – Assistant Professor Radiology

Interventional radiology (11:00-11:50) Ali Özgen, MD – Assistant Professor Radiology

Thursday:

No lecture, Free study

Friday:

Exam (10:00-10:50)

B. Practice

Week 1:

Monday:

Tour of Radiology Department, understanding the equipment and modalities (14:00-16:00)

Sertan Küçük, RT - Chief Technician

Students	Tuesday	Wednesday	Thursday	Friday
# 1-2-3	CT-MRI- Ultrasound	Reading room # 1	Reading room # 2	Reading room # 3
# 4-5-6	Reading room # 1	Reading room # 2	Reading room # 3	CT-MRI-Ultrasound
# 7-8	Reading room # 2	Reading room # 3	CT-MRI- Ultrasound	Reading room # 1
# 9-10-11	Reading room # 3	CT-MRI- Ultrasound	Reading room # 1	Reading room # 2

Reading room # 1 – Bengi Gürses, MD - Dr. Ayşegül Sarsılmaz, MD

Reading room # 2 – Ali Özgen, MD

Reading room # 3 – Neslihan Taşdelen, MD

Week 2:

Monday:

Advanced MRI and CT Techniques and Postprocessing (14:00-16:00)

Zeynep Fırat, RT – Radiology Research Technician

Tuesday:

Case Review (14:00-16:00)

Tevfik Güzelbey, MD Chief Resident

Wednesday:

Case Review (14:00-16:00)

Hüseyin Onur Özdemir, MD Resident

Thursday:

No lecture, Free study

NUCLEAR MEDICINE CLERKSHIP (1 week)

YEDİTEPE UNIVERSITY HOSPITAL

Nalan Alan Selçuk, MD Assist. Prof.

Türkey Toklu, M.Sc.

CLERKSHIP	NUCLEAR MEDICINE <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on nuclear medicine , working principles, nuclear physics, radiopharmacy, besides where, when and which survey is suitable or needed
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe PET/CT for status follow-up of patients
	2. describe diagnostic imaging of infection or tumor
	3. describe radionuclide therapy and its application areas
	4. describe physics of nuclear medicine and methods of projection
	5. describe gamma probe and its application method
	6. describe scintigraphy reading techniques
SKILLS	7. prepare radiopharmaceuticals
	8. do radiopharmaceutical injections to patients
	9. make examination of thyroid gland
	10.1. use monitor,
	10.2. show imaging of patient on monitor
	differentiate normal, pathological and phantoms of images

1. Basic radiation physics and radiation detectors used in Nuclear Medicine
2. Introduction to Nuclear Medicine
3. Radiation safety and effects of radiation
4. Thyroid and parathyroid scintigraphy
5. Nuclear medicine in hyperparathyroidism
6. Nuclear medicine in thyroid carcinoma
7. Bone scintigraphy
8. Infection imaging
9. Dynamic and static renal scan
10. Brain scintigraphy
11. Myocardial perfusion scan
12. Captoprail renography, transplant scan
13. Lung perfusion and ventilation scan (V/Q scan)
14. Hepatobiliary scan
15. GIS bleeding scan
16. FDG PET in oncology, cardiology and neurology
17. Radionuclide Therapy

NUCLEAR MEDICINE EDUCATIONAL PROGRAM

1.Day

TIME

09.00-10.30
10.45-11.30
11.30-12.00
13.00-13.30

13.45-14.30
14.45-15.30
15.45-16.30

SUBJECT

Basic radiation physics and radiation detectors used in Nuclear Medicine
Practice: Radiation detectors, hotlab
Introduction to Nuclear Medicine
Practice: Radiopharmaceuticals, Gamma Camera, PET/CT, Thyroid Uptake System
Radiation safety and effects of radiation
Brain Imaging and neurologic PET Application
Bone scintigraphy and other tumor agents

2.Day

09.00-10.00
10.15-10.45
11.00-11.30
11.30-12.00
13.00-13.45
14.00-14.45
15.00-16.30

Thyroid and parathyroid Scintigraphy
Nuclear Medicine in Hyperthyroidism
Nuclear Medicine in Thyroid Cancer
Practice: Thyroid
FDG-PET in lung cancer
FDG-PET in breast cancer
Practice: PET imaging

3.Day

09.00-10.00
10.15-11.00
11.15-12.00
13.00-14.00
14.15-15.30
15.40-16.30

Myocardial perfusion scan (MPS): Indications, techniques
Practice: MPS
Cardiologic PET Application
Lung perfusion and ventilation scintigraphy (V/Q scan)
Hepatobiliary scan and GIS Bleeding Scan
Practice: Lung and GIS system imaging

4.Day

09.00-09.45
10.00-10.45
11.00-12.00
13.00-13.45
14.00-14.45
15.00-16.30

Dynamic and static renal scintigraphy
Captopril Renography and Transplant Scan
Practice: Renal scintigraphy
Radionuclide Therapy
FDG-PET in lymphoma
Practice: Radionuclide therapy

5.Day

09.00-09.45
10.00-10.45
11.00-12.00
13.00-13.45
14.00-14.45
15.00-16.00
16.00-17.00

Infection Imaging part 1: FDG-PET,
Infection Imaging part 2: Leucocyte and Gallium 67 Scintigraphies
Practice : Infection imaging
FDG-PET in Head and Neck Cancer
FDG-PET in GIS and gynecologic cancers
Practice: PET imaging
EXAM

RADIATION ONCOLOGY

(1 week)

DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Alpaslan Mayadağlı, MD. (Chief)
Cengiz Gemici, MD. (Course Coordinator)
Sevgi Özden, MD.
Mihriban Koçak, MD.
Makbule Eren, MD.
Hazan Özyurt, MD.
Atınç Aksu, MD.
Naciye Özşeker, MD.
Saliha Peksu, MD.

1. Introduction to Radiation Oncology
2. Basic terminology
3. Physics and biology of therapeutic radiation
4. Radiation treatment planning
5. Types of therapeutic radiation
6. Cancer types and role of radiotherapy in cancer management
7. Combined treatment with chemotherapy and radiation and its importance in organ preservation
8. Role of radiotherapy in cancer palliation and pain
9. Role of radiotherapy in benign diseases
10. New technology and its role in cancer management

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:40 10:30	Introduction and Radiation Oncology Terminology CENGİZ GEMİCİ, MD	Types of Radiotherapy ATINÇ AKSU, MD	Breast Cancer HAZAN ÖZYURT, MD	Lymphomas HAZAN ÖZYURT, MD	RT of Benign Diseases SEVGİ ÖZDEN, MD
10:40 11:30	Basics of Radiation Physics ATINÇ AKSU, MD	External beam radiation and brachytherapy HAZAN ÖZYURT, MD	Lung Cancer Mihriban Koçak, MD	Gynecologic Cancers Makbule Eren, MD.	Skin Cancer ATINÇ AKSU, MD
11:40 12:30	Basics of Radiation Biology CENGİZ GEMİCİ, MD	3-D Conformal RT, Intensity Modulated RT, Sterotaxic Radiosurgery SEVGİ ÖZDEN, MD	Gastrointestinal Cancers CENGİZ GEMİCİ, MD	Urinary System Cancers NACİYE ÖZŞEKER, MD	Student Presentations CENGİZ GEMİCİ, MD
13:40 14:30	Treatment Plannig and Aim of Simulation ATINÇ AKSU, MD	Cancer Management, Cancer Treatment Options SEVGİ ÖZDEN, MD	Head and Neck Cancers SALİHA PEKSU, MD	Pediatric Cancers HAZAN ÖZYURT, MD	Student Presentations CENGİZ GEMİCİ, MD
14:40 15:30	Treatment Set-up, Simulation Procedure ALPASLAN MAYADAĞLI, MD	Radioprotection, Radiosensitization CENGİZ GEMİCİ, MD	Brain Tumors NACİYE ÖZŞEKER, MD	Palliative Radiotherapy NACİYE ÖZŞEKER, MD	Quiz CENGİZ GEMİCİ, MD
15:40 16:30	Radiation Techniques ATINÇ AKSU, MD	Clinical Practice 1. HAZAN ÖZYURT, MD	Clinical Practice 2. NACİYE ÖZŞEKER, MD	Clinical Practice 3. SEVGİ ÖZDEN, MD	Discussion ALPASLAN MAYADAĞLI, MD

ANESTHESIOLOGY AND REANIMATION CLERKSHIP (2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Anesthesiology: Özge Köner, MD Prof.

Sibel Temür, MD Prof.

Ferdi Menda, MD Assoc. Prof.

Sevgi Bilgen, MD Assist. Prof.

Özgül Keskin, MD Assist. Prof.

Neslihan Uztüre, MD Assist. Prof.

Nurcan Sancar, MD

CLERKSHIP	ANESTHESIOLOGY AND REANIMATION <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on anesthesia and anesthesia methods, pharmacologic properties of anesthetic agents and their clinical practice. 2. equip students with skills and attitudes required to manage patients in intensive care unit.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. define anesthesia and explain theory of anesthesia.
	2. define anesthetic agents and their pharmacologic properties.
	3. describe anesthesia methods and practices.
	4. evaluate anatomy of airway
	5. list airway management equipment
SKILLS	6. use transport ventilator
	7. manage airway (<i>face mask ventilation, mayo tube -guide airway-insertion, laryngeal mask airway insertion</i>).
	8. do endotracheal intubation on proper patient or on training model.
	9. perform cardiopulmonary resuscitation.
	10. practice hemodynamic monitoring
	11. analyze hemodynamic monitoring.
ATTITUDES	12. be prepared for cardiopulmonary resuscitation process
	13. follow clinical reflections of anesthetic drugs
	14. analyze which situations and patients require intensive care unit.
	15. hold confidentiality of patients
COMPETENCIES	16. practice basic life support

ANESTHESIOLOGY AND REANIMATION

LECTURES

- | | |
|---|---|
| 1. Introduction to the principles of general anesthesia and postoperative complications | Özge Köner, MD Prof. |
| 2. Regional anesthesia and local anesthetics | Sevgi Bilgen, MD Assist.Prof. |
| 3. Basic Life Support | Sibel Temür, MD Prof. |
| 4. Advanced Life Support | Sibel Temür, MD Prof. |
| 5. Coma / Brain death | Sibel Temür, MD Prof. |
| 6. Intoxications | Özge Köner, MD Prof. |
| 7. Anaphylaxis | Ferdi Menda, MD Assoc.Prof. |
| 8. Sepsis | Sibel Temür, MD Prof. |
| 9. Intravenous/Volatile Anesthetics | Özge Köner, MD Prof.
Nurcan Sancar, MD |
| 10. Pain | Ferdi Menda, MD Assoc. Prof. |
| 11. Acute respiratory insufficiency | Ferdi Menda, MD Assoc. Prof.
Nurcan Sancar, MD |
| 12. Acid-base disorders and arterial blood gas evaluation | Özge Köner, MD Prof. |
| 13. Fluid electrolyte balance | Özge Köner, MD Prof. |
| 14. Shock | Sevgi Bilgen, MD Assist. Prof. |
| 15. Thermoregulation (hypo/hyperthermia) | Neslihan Uztüre, MD Assist. Prof. |
| 16. Blood transfusion and complications | Ferdi Menda, MD Assoc. Prof. |
| 17. Anesthesia for the head trauma patient | Özgül Keskin, MD Assist Prof |
| 18. Drowning and near drowning | Özgül Keskin, MD Assist Prof |

ANESTHESIOLOGY AND REANIMATION (2 WEEKS)

FIRST WEEK

TIME	Monday	Tuesday	Wednesday	Thursday	Friday
08.30-12.30	Practice	Practice	Practice	Practice	Practice
14.00-14.50	Introduction to general anesthesia	Regional anesthesia and local anesthetics	Coma / Brain death	Acid-base disorders and arterial blood gas evaluation	Basic Life Support
15.00-15.50	Anesthetic agents	Pain	Sepsis	Fluid-electrolyte balance	Advanced Life Support

SECOND WEEK:

TIME	Monday	Tuesday	Wednesday	Thursday	Friday
08.00-12.30	Practice	Practice	Practice	Practice	Practice
14.00-14.50	Acute respiratory insufficiency	Anaphylaxis	Anesthesia for the head trauma patient	Intoxications	EXAM
15.00-15.50	Shock	Blood transfusion and complications	Thermoregulation	Drowning and near drowning	

UROLOGY CLERKSHIP
(2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Urology: Faruk Yencilek, MD Assoc Prof.
Hakan Koyuncu, MD Assist Prof.
Ahmet Tunç Özdemir, MD Assoc Prof.

CLERKSHIP	UROLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 1. convey necessary knowledge on symptomatology, clinical features and pathology of urinary and genital system disorders, 2. equip students with knowledge, skills and attitudes required to manage clinical conditions related to urology at primary care setting
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. explain mechanisms for urine formation and renal hemodynamics.
	2. describe urgent urological disorders
	3. describe disorders of kidney, ureter and bladder
	4. describe genital system disorders of male
	5. describe male sexual and reproductive system disorders
	6. explain underlying reasons and pathologies of female incontinence
	7. evaluate urinary system pathologies
SKILLS	8. make physical examination of male urogenital system, female urinary system and female continence
	9. interpret results of laboratory and radiological examinations related to urologic disorders
	10. perform attachment of urethral catheter for male and female
COMPETENCIES	11. manage urgent urological and urogenital diseases

LECTURES

Radiology of the Genitourinary Tract
Instrumentation and Endoscopic Studies
Prostate Cancer
Renal Neoplasms
Urinary Stone Disease
Scrotal and Related Diseases
Tumors of Testis
Urothelial Tumors
Congenital Diseases of Kidney
Symptoms of the Disorders of the Genitourinary Tract
Urologic Diseases Which Need Early Diagnosis
Urological Emergencies
Benign Prostatic Hyperplasia
Prostatic Diseases-Prostatitis
Male Sexual Dysfunctions
Male Infertility
Urinary Obstruction&Stasis
Urogenital Trauma
Congenital Diseases of Bladder

INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY CLERKSHIP (2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Meral Sönmezoğlu, MD Prof.
Güliden Çelik, MD Prof
Yeşim Gürol, MD Assoc. Prof.
Çağatay Acuner, MD Assoc. Prof.

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

CLERKSHIP	INFECTIOUS DISEASE <i>Aim of this clerkship is to;</i>
AIM	1. equip students with necessary knowledge, skills and attitudes to manage infectious diseases including diagnosis and evaluation of pathology and clinical manifestations, treatment and prevention methods.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe required approach to patients with infectious diseases including evaluation of microbiological test results
	2. recognize epidemiology, diagnosis and differential diagnosis of infectious diseases endemic in our country and/or in world.
	3. explain infectious disease emergencies, diagnosis and approach to treatment modalities, antibiotic usage rationale, and basic antibiotic usage guidelines.
SKILLS	4. record clinical history from infectious disease patients.
	5. perform physical examination, following-up, requesting and analyzing diagnostic tests in light of signs and symptoms of patients; both on inpatient and outpatient clinical settings.
	6. perform nonspecific tests used in diagnosis of infectious diseases (<i>white blood cell counting, blood smear examination, urine sample microscopy, etc.</i>)
	7. evaluate patient samples microbiologically (<i>for presence of bacteria, parasites, blood cells, etc.</i>)
	8. plan treatment of patients.
	9. practice active and passive vaccination
	10. plan regulations to solve patients problems along with treatment
ATTITUDES	11. hold confidentiality of patients
COMPETENCIES	12. diagnose infectious diseases
	13. analyze laboratory test results
	14. plan treatment of infections
	15. monitor patients' clinical progress.

YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY

2014-2015

Date /Day	Time	Subject	Lecturer
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Monday	13.00-13.10	Welcome, adaptation	Meral Sönmezoğlu
	13.10-13.50	Specimen selection, collection and processing in infectious disease	Yeşim Gürol
	14.00-14.50	Direct and indirect diagnostic methods in infectious diseases	Güliden Çelik
	15.00-15.50	Antimicrobial resistance	Çağatay Acuner
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Tuesday	13.00-13.50	Central nervous system infections	Meral Sönmezoğlu
	14.00-14.50	HIV infection and AIDS	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Wednesday	13.00-13.50	Gastroenteritidis and food poisoning	Meral Sönmezoğlu
	14.00-14.50	Tuberculosis	Meral Sönmezoğlu
	15.00-15.50	Nosocomial infections	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Thursday	13.00-13.50	Infective endocarditis	Meral Sönmezoğlu
	14.00-14.50	Sepsis	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Friday	13.00-13.50	Pneumonia in immunocompetent and HIV patient	Meral Sönmezoğlu
	14.00-14.50	Brucellosis	Meral Sönmezoğlu
	15.00-15.50	Salmonellosis	Meral Sönmezoğlu

	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Monday	13.00-13.50	Rational Antibiotic Usage	Meral Sönmezoğlu
	14.00-14.50	Acute viral hepatitis	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Tuesday	13.00-13.50	Upper respiratory tract infections	Meral Sönmezoğlu
	14.00-14.50	Fever and fever of unknown origin	Meral Sönmezoğlu
	15.00-15.50	Viral exanthems	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Wednesday	13.00-13.50	Sterilization, disinfection and antisepsis	Meral Sönmezoğlu
	14.00-14.50	Crimean Congo Hemorrhagic Fever	Meral Sönmezoğlu
	15.00-15.50	H1N1 Influenza	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Thursday	13.00-13.50	Immunization and prophylaxis	Meral Sönmezoğlu
	14.00-14.50	Skin and soft tissue infections	Meral Sönmezoğlu
	15.00-15.50	Urinary tract infections	Meral Sönmezoğlu
	08.30-12.00	Haydarpaşa Numune	Practice (hospital visits)
Friday	13.00-14.50	EXAMINATION	Meral Sönmezoğlu

PEDIATRIC SURGERY CLERKSHIP (2 WEEKS)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Pediatric Surgery: Selami Sözübir, MD Prof.

&

MINISTRY OF HEALTH İSTANBUL MEDENİYET UNIVERSITY GÖZTEPE TRAINING AND RESEARCH HOSPITAL

Chief of the Department of Pediatric Surgery: Hamit Okur, MD Prof.

Çiğdem Ulukaya-Durakbaşı, MD Assoc. Prof.

Burhan Aksu, MD Assoc. Prof.

Murat Mutuş, MD

Meltem Çağlar, MD

Neslihan Gülçin, MD

Definition

Pediatric Surgery is the field of medicine that encompasses a broad range of diseases and malformations, both operative and non-operative, from the fetal period until the end of childhood (0-18 years). In addition to the body systems covered by general surgery, Pediatric Surgery also deals with non-cardiac thoracic conditions and specific genito-urinary and gynecological problems in children.

Aims

- To become familiar with the recognition, natural history, and general and specific treatment of those pediatric surgical conditions that one would expect to encounter in general medical practice in a community lacking the immediate availability of a pediatric surgeon.
- To familiarize oneself with the pathophysiology of pediatric surgical conditions, and the response of a child to surgery and trauma.

Educational Goals

The 5th year program in Pediatric Surgery is intended to build on students' knowledge of surgical principles and the practice of General Surgery and Pediatrics acquired in years 1-4, and to introduce the student to the surgical treatment of diseases of the following parts of the children's body: the head and neck, digestive tract, the skin, the soft tissues, the genitourinary tract and the respiratory tract . Students are expected to continue to demonstrate their mastery of learning objectives in the domains of Learning Skills, Clinical Skills, Practical Skills and Principles of Surgery.

Educational Objectives

Clinical Skills

Given a patient with a pediatric general surgical disease, the student will be able to do the following to the satisfaction of his/her supervisor(s):

- Take a relevant history.
- Perform an acceptable physical exam concentrating on the relevant areas.
- Arrive at an appropriate differential diagnosis.

Cognitive Knowledge

The student will be expected to demonstrate a fundamental knowledge and understanding of the following general areas and disease processes. The student's knowledge base must be adequate to permit appropriate assessment, investigation, diagnosis, and treatment.

- Common pediatric surgical and urological problems in the emergency department
- The "Acute Abdomen" in children (acute appendicitis, acute gastroenteritis, bowel obstruction, intussusception, malrotation and volvulus etc.)
- Hernias and common surgical problems of inguinal region
- Rectal bleeding in children (fissure-in-ano, juvenile polyp, Meckel's diverticulum, medical conditions that may cause rectal bleeding)
- Common anorectal problems
- The constipated child
- Non-bilious and bilious vomiting in children (pyloric stenosis, gastroesophageal reflux and intestinal obstructions)
- The abdominal mass and solid tumors in childhood (Wilms tumor, neuroblastoma, etc.)
- Common neonatal surgical conditions (neonatal intestinal obstruction, & gastroschisis, necrotizing enterocolitis, imperforate anus, abdominal masses)
- Trauma (general approach to the multiply injured child)
- Prenatal diagnosed disease related to pediatric general and urological conditions
- Common pediatric urological conditions
- Surgical aspects in urinary tract infections in childhood
- Surgical fluid and electrolyte hemostasis
- Congenital anomalies of genito-urinary tract

- **Format**

Students complete 2-week rotation. During phase 2 main type of lessons held; practices and theoretical lessons. In addition, every student give one article brief from JPS. In the last day of phase students enter the examination. If the student does not exist more than 20 % of lessons or practices without available reason, the student does not have right to enter examination. Examination starts with written exam in test format with 50 questions. Then the student enters oral exam.

The total mark of student calculates in this format : 60% oral (in this 10% from seminar) and 40% from written exam.

Activity	Numbers
Orientation	1
Lectures	28
Interactive Case Studies	7
Student Seminars	Every student give one article brief from JPS (5mins)
Total	36 + Student Seminars

**PEDIATRIC SURGERY
PHASE V PROGRAM**

**YUH : Yeditepe University Hospital
MUGH : Medeniyet University Göztepe Hospital**

1st Week

Monday

09.00-10.00	Phase of Pediatric Surgery Orientation Selami Sözübir (YUH)
10.15-11.00	Lecture (Child and Surgery) Selami Sözübir (YUH)
11.15-12.00	Lecture (The Newborn as a Surgical Patient) Selami Sözübir (YUH)

13.15-14.00	Practice and ward round - Çiğdem Ulukaya Durakbaşı
14.15-15.00	Lecture (Fluid and Electrolyte Balance) Çiğdem Ulukaya Durakbaşı
15.15-16.00	Lecture (Nonbilious vomiting in children) Çiğdem Ulukaya Durakbaşı

Tuesday

08.00-08.45	Practice and ward round -
9.00-09.45	Lecture (Inguinal and Scrotal Pathologies-I) Hamit Okur
10.15-11.00	Lecture (Inguinal and Scrotal Pathologies – II) Hamit Okur
11.15-12.00	Lecture (Hirschsprung's Disease and Constipation) Hamit Okur

13.15-16.00	Practice Outpatients Clinics and Operating Theatre
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Wednesday

08.00-08.45	Practice and ward round
09.00-09.45	Lecture (Solid Tumors in Childhood-I) Meltem Çağlar
10.00-11.00	Lecture (Solid Tumors in Childhood-I) Meltem Çağlar
11.15-12.00	Interactive Case Studies (Pediatric Surgical Emergencies) Murat Mutuş

13.15-14.00	Lecture (Abdominal Wall Defects and Umbilical Pathologies) Selami Sözübir (YUH)
14.15-15.00	Lecture (GI Bleeding in Childhood - I) Selami Sözübir (YUH)
15.15-16.00	Lecture (GI Bleeding in Childhood - II) Selami Sozubir (YUH)

Thursday

08.00-08.45	Practice and ward round
9.00-10.00	Interactive Case Studies (Pediatric Urologic Cases) Hamit Okur
10.15-11.00	Lecture (Surgical Diseases of Lung and Pleura) Burhan Aksu
11.15-12.00	Lecture (Diaphragmatic Pathologies) Burhan Aksu

13.15-16.00	Practice- Outpatients Clinics and Operating Theatre
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Friday

08.00-08.45	Ward round and Practice
9.00-10.00	Lecture (Anorectal Malformations) Murat Mutuş
10.15-11.00	Lecture (Voiding Dysfunction and Urinary Incontinence) Murat Mutuş
11.15-12.00	Lecture (Biliary Atresia and Obstructive Jaundice) Murat Mutuş

13.15-16.00	Practice- Outpatients Clinic and Operating Theatre
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2nd Week**Monday**

08.00-08.45	Ward round and Practice
9.00-10.00	Lecture (Prenatal Diagnosis in Pediatric Surgery and Urology) Neslihan Gülçin
10.15-11.00	Lecture (Acute Abdomen) Neslihan Gülçin
11.15-12.00	Lecture (Trauma) Neslihan Gülçin

13.15-14.00	Lecture (Obstructive Pediatric Urological Pathologies) Selami Sözübir (YUH)
14.15-15.00	Lecture (Non Obstructive Pediatric Urological Pathologies) Selami Sözübir (YUH)
15.15-16.00	Interactive Case Studies (<u>Pediatric Surgical Emergencies</u>) (YUH)

Tuesday

08.00-08.45	Prctice and ward round-
09.00-12.00	Practice Oupatients clinics and Operating Theatre
13.15-15.00	Lecture (Neonatal Gastrointestinal Obstruction-I) Çiğdem Ulukaya Durakbaşı
14.15-15.00	Lecture (Neonatal Gastrointestinal Obstruction-I) Çiğdem Ulukaya Durakbaşı
15.15-16.00	Interactive Case Studies (Newborn Surgery) Çiğdem Ulukaya Durakbaşı

Wednesday

08.00-08.45	Ward round and Practice
09.00-10.00	Lecture (External genital abnormalities and circumcision) Burhan Aksu
10.15-11.00	Lecture (Esophageal atresia) Burhan Aksu
11.15-12.00	Interactive case studies (Pediatric Thoracic Surgery) Burhan Aksu
13.00-14.30	Grand Round and Practice - Selami Sözübir (YUH)
15 .00- 16.30	Seminars of students - Selami Sözübir (YUH)

Thursday

08.00-0845	Practice and ward round-
09.00-10.00	Lecture (Head and Neck Pathologies) Meltem Çağlar
10.15-11.00	Interactive Case Studies (Pediatric Oncology) Meltem Çağlar
11.15-12.00	Interactive Case Studies (Genaral Pediatric Surgery) Neslihan Gülçin
13.15-15.00	Grand Round and Practice

Friday

9.00-10.00	Written Examination
10.00- 11.00	Evaluation of results
11.00-13.00	Oral Examination

MEDICAL GENETICS (1 WEEK)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Medical Genetics: Ayşegül Çınar Kuşkucu, MD PhD Assist. Prof.
Ömer Faruk Bayrak, PhD Assoc. Prof.

CLERKSHIP	MEDICAL GENETICS <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on genetic disorders, patterns of inheritance and process of syndrome diagnosis 2. equip the students with knowledge, skills and attitudes required to refer patient to genetic clinic
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. identify the most likely mode of inheritance given a stratified pedigree
	2. describe the common pediatric and adult indications for referral to a genetic clinic
	3. describe briefly the principles of methods by which a person's DNA can be checked for a mutation
	4. describe the methods of prenatal diagnosis their uses and risks
	5. distinguish between screening and diagnosis
	6. describe carcinogenesis as an evolutionary process within an individual
	7. define oncogenes and tumor suppressor genes giving examples
SKILLS	8. take a family history
	9. draw a pedigree using correct symbols
	10. identify normal and simple abnormal karyotypes
ATTITUDES	11. be aware of importance of major and minor congenital anomalies of a patient
	12. be aware of importance of consanguinity
	13. value genetic diagnosis and counseling for patients and parents
COMPETENCIES	14. distinguish signs and symptoms of genetic disorder
	15. refer patient to genetic clinic who suspected genetic disorder

The lectures will be held in Yeditepe University Genetics Diagnosis Center, Acıbadem İstek Vakfı.

MEDICAL GENETICS – CLERKSHIP PROGRAM

Monday

08.30-08.50	Introduction to Medical Genetics	A.Ç. Kuşkucu
09.00-09.50	Case Study – What can we learn from a family history?	A.Ç. Kuşkucu
10.00-10.50	Single gene disorders – Mendelian inheritance	A.Ç. Kuşkucu
11.00-11.50	Non-Mendelian inheritance	A.Ç. Kuşkucu
12.00-13.00		
13.00-13.50	Chromosomal disorders	A.Ç. Kuşkucu
14.00-16.00	Laboratory practice	Ö.F. Bayrak / A.Ç. Kuşkucu
16.00-18.00	Independent study hours	

Tuesday

09.00-09.50	Case study – Multiple congenital anomalies with intellectual disability	A.Ç. Kuşkucu
10.00-10.50	Approach to the patient with dysmorphic features	A.Ç. Kuşkucu
11.00-11.50	Journal club	
12.00-13.00		
13.00-13.50	Prenatal and preimplantation genetic diagnosis	A.Ç. Kuşkucu
14.00-16.00	Laboratory practice	Ö.F. Bayrak / A.Ç. Kuşkucu
16.00-18.00	Independent study hours	

Wednesday

09.00-09.50	Case study – Staying ahead of the game: Genetic testing	A.Ç. Kuşkucu
10.00-10.50	Genetic counseling	A.Ç. Kuşkucu
11.00-11.50	Current possibilities for treatment of genetic disorders	Ö.F. Bayrak
12.00-13.00		
13.00-15.00	Laboratory practice	Ö.F. Bayrak / A.Ç. Kuşkucu
15.00-18.00	Independent study hours	

Thursday

09.00-09.50	Case study -	A.Ç. Kuşkucu
10.00-10.50	Recognizing cancer as a genetic disease I	Ö.F. Bayrak
11.00-11.50	Recognizing cancer as a genetic disease II	Ö.F. Bayrak
12.00-13.00		
13.00-15.00	Laboratory practice	Ö.F. Bayrak / A.Ç. Kuşkucu
15.00-18.00	Independent study hours	

Friday

09.00-09.50	Independent study hours
10.00-10.50	Independent study hours
11.00-11.50	Independent study hours
12.00-13.00	
13.00-14.00	Written examination
15.00-16.00	Practical examination

CLINICAL PHARMACOLOGY CLERKSHIP
RATIONAL PHARMACOTHERAPY – RATIONAL DRUG USE
(1,5 weeks)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Clinical Pharmacology: Ece Genç, PhD Prof.

Ferda Kaleağasıoğlu, MD Assoc. Prof.

CLERKSHIP	CLINICAL PHARMACOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on rational drug use in medical practice. 2. equip students with necessary skills and attitudes required for pharmacotherapy
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. define patient's problem
	2. list aims of therapy
	3. list effective drug groups
	4. list personal drugs
	5. identify "proper" drug according to certain criteria
SKILLS	6. do preparation of personal formulary
	7. enhance prescription writing skills.
ATTITUDES	8. use the right drug at the right dose at appropriate intervals with a special attention to economic aspects of therapy

DAY	TOPIC
MONDAY	
9:00 - 9:45	Introduction to the program, OSCE Examination and its specifications
10:00 - 10:45	"Groningen" model in Rational Pharmacotherapy
11:00 - 12:00	Good Prescribing Guide
12:00 – 13:00	LUNCH BREAK
13:00 – 13:45	Personal Drugs, Introduction of the MAUA forms
14:00 – 16:00	Clinical Pharmacology of antihypertensive drugs
TUESDAY	
9:00 – 12:00	Student presentations of antihypertensive drugs
12:00 – 13:00	LUNCH BREAK
13:00 – 15:00	Personal drugs for hypertension 1
WEDNESDAY	
9:00 - 11:00	Personal drugs for hypertension 2
11:00 - 12:00	Solving case studies for hypertension
12:00 – 13:00	LUNCH BREAK
13:00 - 15:00	Further case studies on hypertension
THURSDAY	
10:00 - 12:00	Urinary tract infections, goals of therapy and non-pharmacological therapy methods
12:00 – 13:00	LUNCH BREAK
13:00 – 16:00	Personal drugs for urinary tract infections
FRIDAY	
9:00 - 12:00	Solving case studies for urinary tract infections
12:00 – 13:00	LUNCH BREAK
13:00 – 16:00	Further case studies on urinary tract infections

DAY	TOPIC
MONDAY	
9:00 – 12:00	Antimicrobials for sinusitis
12:00 – 13:00	LUNCH BREAK
13:00 – 16:00	Determination of P-drugs for sinusitis 1
TUESDAY	
9:00 – 12:00	Determination of P-drugs for sinusitis 2
12:00 – 13:00	LUNCH BREAK
13:00 – 15:00	Solving case studies in sinusitis
WEDNESDAY	
9:00 – 12:00	OSCE examination
12:00 – 13:00	LUNCH BREAK
13:00 – 16:00	Evaluation of the rational drug therapy clerkship

FORENSIC MEDICINE CLERKSHIP
(1,5 weeks)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Oğuz Polat, MD Prof.

CLERKSHIP	FORENSIC MEDICINE <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on evaluation and reporting of forensic cases.
<i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. evaluate forensic cases and to report cases.
	2. describe fundamentals of forensic autopsy.
	3. define cause, origin and mechanism of death in forensic cases.
	4. outline legal responsibilities in medical practice.
	5. explain fundamentals of crime scene investigation and identification
SKILLS	6. make physical examination of forensic deaths.
	7. manage forensic death examination document filling.
	8. evaluate traumatized patients.
	9. arrange forensic reports.
	10. evaluate and report sexual crimes.
ATTITUDES	11. do definition and management of forensic cases.

GROUP I.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45	Forensic System and Physician Polat O. MD.	Forensic Autopsy I. Polat O. MD.	Sexual offences I. Polat O. MD.		The pathophysiology of death Polat O. MD.
10:00-10:45	Child rights Polat O. MD.	Forensic Autopsy II. Polat O. MD.	Sexual offences II. Polat O. MD.		Post Mortem Changes Polat O. MD.
11:00-11:45	Child abuse and neglect Polat O. MD.	Forensic Autopsy III. Polat O. MD.	Crime scene Investigation Polat O. MD.		Time of death Polat O. MD..
13:00-13:45	Elder Abuse Polat O. MD.	Suffocation and asphyxia Polat O. MD.	Forensic Autopsy Practice Polat O. MD.		The establishment of identity of human remains Polat O. MD.
14:00-14:45	Legal aspects of child abuse Polat O. MD.	Fatal pressure on the neck Polat O. MD.	Forensic Autopsy Practice Polat O. MD.		Turkish Penalty Code and physician Polat O. MD.
15:00-15:45	Forensic psychiatry Polat O. MD.	Human Rights Violations Polat O. MD.	Forensic Autopsy Practice Polat O. MD.		Evaluation of Legal Cases Polat O. MD.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45	The pathology of wounds I. Polat O. MD.	Report Writing I. Polat O. MD.	Forensic aspects of alcohol Polat O. MD.		
10:00-10:45	The pathology of wounds II. Polat O. MD.	Report Writing II. Polat O. MD.	Poisoning with medicines Polat O. MD.		
11:00-11:45	Sharp force injuries Polat O. MD.	Electrical injuries Polat O. MD.	Narcotic and hallucinogenic drugs Polat O. MD.		
13:00-13:45	Blunt force injuries Polat O. MD.	Immersion deaths Polat O. MD.	The pathology of sudden death Polat O. MD.		
14:00-14:45	Gunshot and explosion deaths I. Polat O. MD.	Poisoning Polat O. MD.	Exam Polat O. MD.		
15:00-15:45	Gunshot and explosion deaths II. Polat O. MD.	Carbon monoxide poisoning Polat O. MD.	Exam Polat O. MD.		

GROUP II.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45				Forensic System and Physician Polat O. MD.	Forensic Autopsy I. Polat O. MD.
10:00-10:45				Child rights Polat O. MD.	Forensic Autopsy II. Polat O. MD.
11:00-11:45				Child abuse and neglect Polat O. MD.	Forensic Autopsy III. Polat O. MD.
13:00-13:45				Elder Abuse Polat O. MD.	Suffocation and asphyxia Polat O. MD.
14:00-14:45				Legal aspects of child abuse Polat O. MD.	Fatal pressure on the neck Polat O. MD.
15:00-15:45				Forensic psychiatry Polat O. MD.	Human Rights Violations Polat O. MD.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45	Sexual offences I. Polat O. MD.	The pathophysiology of death Polat O. MD.	The pathology of wounds I. Polat O. MD.	Report Writing I. Polat O. MD.	Forensic aspects of alcohol Polat O. MD.
10:00-10:45	Sexual offences II. Polat O. MD.	Post mortem changes Polat O. MD.	The pathology of wounds II. Polat O. MD.	Report Writing II. Polat O. MD.	Poisoning with medicines Polat O. MD.
11:00-11:45	Crime scene Investigation Polat O. MD.	Time of death Polat O. MD.	Sharp force injuries Polat O. MD.	Electrical injuries Polat O. MD.	Narcotic and hallucinogenic drugs Polat O. MD.
13:00-13:45	Forensic Autopsy Practice Polat O. MD.	The establishment of identity of human remains Polat O. MD.	Blunt force injuries Polat O. MD.	Immersion deaths Polat O. MD.	The pathology of sudden death Polat O. MD..
14:00-14:45	Forensic Autopsy Practice Polat O. MD.	Turkish Penalty Code and physician A Polat O. MD.	Gunshot and explosion deaths I. Polat O. MD.	Poisoning Polat O. MD.	Exam Polat O. MD.
15:00-15:45	Forensic Autopsy Practice Polat O. MD.	Evaluation of Legal Cases Polat O. MD.	Gunshot and explosion deaths II. Polat O. MD.	Carbon monoxide poisoning Polat O. MD.	Exam Polat O. MD.



T.C.
YEDİTEPE ÜNİVERSİTESİ TIP FAKÜLTESİ
2014-2015
STAJ DEĞERLENDİRME FORMU

V. SINIF STAJ DEĞERLENDİRME FORMU

Adı Soyadı :
Numarası :
Çalıştığı Bölüm :
Başladığı Tarih :
Bitirdiği Tarih :
Stajı Tekrarladıysa Kaçıncı :
Tekrar olduğu

	Harfle	Rakamla
Takdir Edilen Not:		

Staja Devam Etmedi :

Staja Devam etti, Sınava girmedi :

K0linik Şefi veya Sorumlu :
Öğretim Üyesi :
İmza :
Tarih :

85-100 AA

75-84 BA

65-74 BB

60-64 CB

50-59 CC

0-49 FF (Geçmez)

FA (Devamsız)

Notlarından birisi takdir edilecektir. Not takdiri yapılırken aşağıdaki hususlarda göz önünde tutulmalıdır: İşinin kalitesi, işinin miktarı, görünüşü, hasta ve hasta sahipleri ile ilişkisi, görevine bağlılık derecesi, mesleki bilgisi, klinikte işbirliği kabiliyeti, toplantılara katılması ve ilgisi.

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