

YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE V

ACADEMIC PROGRAM BOOK

2022 – 2023

Student's:

Name:.....

Nr:.....

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE V

CONTENT	Page
AIM AND OUTCOMES OF MEDICAL EDUCATION PROGRAM	1
COORDINATION COMMITTEE	5
FACULTY OF MEDICINE CURRICULUM 2022-2023	6
DESCRIPTION AND CONTENT	7
AIM and LEARNING OBJECTIVES of PHASE V	8
ACADEMIC CALENDAR 2022 – 2023	9
ACADEMIC SCHEDULE 2022 – 2023	10
STUDENT GROUPS	12
INDEPENDENT LEARNING	19
ASSESSMENT PROCEDURES	21
YEDİTEPE UNIVERSITY FACULTY OF MEDICINE EXAM RULES	23
CLERKSHIP PROGRAMS	24
PHASE V ORIENTATION PROGRAM	25
ORTHOPEDICS AND TRAUMATOLOGY TRAINING PROGRAM	26
PSYCHIATRY TRAINING PROGRAM	32
CHILD AND ADOLESCENT PSYCHIATRY TRAINING PROGRAM	37
NEUROSURGERY TRAINING PROGRAM	39
NEUROLOGY TRAINING PROGRAM	44
OPHTHALMOLOGY TRAINING PROGRAM	50
OTORHINOLARYNGOLOGY & HEAD AND NECK SURGERY TRAINING PROGRAM	56
DERMATOLOGY TRAINING PROGRAM	62
PHYSICAL MEDICINE AND REHABILITATION TRAINING PROGRAM	67
RADIOLOGY TRAINING PROGRAM	72
NUCLEAR MEDICINE TRAINING PROGRAM	77
RADIATION ONCOLOGY TRAINING PROGRAM	80
ANESTHESIOLOGY AND REANIMATION TRAINING PROGRAM	83
UROLOGY TRAINING PROGRAM	89
INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY	93
PEDIATRIC SURGERY TRAINING PROGRAM	97
MEDICAL GENETICS TRAINING PROGRAM	102
CLINICAL PHARMACOLOGY TRAINING PROGRAM	105
FORENSIC MEDICINE TRAINING PROGRAM	110
STUDENT COUNSELING	114
LIST OF STUDENT COUNSELING	115
Contact	118

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

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

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

PODG.1. Basic Professional Competencies

POD.1.1. Clinical Competencies

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

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

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

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

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

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

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

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

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

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

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

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

POD.1.2. Competencies Related to Communication

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

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

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

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

POD.1.3. Competencies Related to Leadership and Management

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

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

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

POD.1.4. Competencies Related to Health Advocacy

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

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

POD.1.5. Competencies Related to Research

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

POD.1.6. Competencies Related to Health Education and Counseling

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

PODG.2. Professional Values and Perspectives

POD.2.1. Competencies Related to Law and Legal Regulations

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

POD.2.2. Competencies Related to Ethical Aspects of Medicine

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

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

POD.2.3. Competencies Related to Social and Behavioral Sciences

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

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

POD.2.4. Competencies Related to Social Awareness and Participation

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

POD.2.5. Competencies Related to Professional Attitudes and Behaviors

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

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

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

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

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

PODG.3. Personal Development and Values

POD.3.1.Competencies Related to Lifelong Learning

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

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

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

POD.3.2. Competencies Related to Career Management

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

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

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

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

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

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

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

COORDINATION COMMITTEE
(TEACHING YEAR 2022 – 2023)

İlke Bahçeci Şimşek, MD Assoc Prof. (Coordinator)

Ece Genç, PhD Prof. (Co-coordinator)

Hatice Türe, MD Prof. (Co-coordinator)

Müzeyyen Doğan, MD Prof. (Co-coordinator)

Oğuzhan Zahmacıoğlu, MD Assoc Prof. (Co-coordinator)

Asuman Cömert Erkılınç, MD Assoc Prof. (Co-coordinator)

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE CURRICULUM 2022-2023

PHASE V

CODE	FIFTH YEAR	W	T	A	L	Y	E
MED 501	Orthopaedics and Traumatology	3					5
MED 502	Ophthalmology	3					5
MED 503	Dermatology	3					5
MED 504	Otorhinolaryngology	3					4
MED 505	Neurology	3					4
MED 506	Neurosurgery	2					3
MED 507	Urology	2					3
MED 508	Anaesthesiology and Reanimation	2					3
MED 509	Pediatric Surgery	2					3
MED 510	Psychiatry	2					3
MED 511	Physical Medicine and Rehabilitation	2					3
MED 512	Radiation Oncology	1					3
MED 513	Clinical Pharmacology	1,5					3
MED 514	Infectious Diseases & Clinical Microbiology	2					3
MED 515	Radiology	2					2
MED 516	Nuclear Medicine	1					2
MED 517	Forensic Medicine	1,5					2
MED 518	Child Psychiatry	1					2
MED 519	Medical Genetics	1					2
Total Credits							60

The curriculum applies to 2022-2023 educational term. The duration of educational term for each year is shown in the table as total number of weeks. ECTS credits are the university credits of the courses in Yeditepe University Faculty of Medicine Undergraduate Medical Education Program. 1 ECTS=30 hours of workload including independent study hours per average student. GPA and cGPA calculations are based on ECTS credits.

T: Theoretical, A: Application , L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit

NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks.

Approval Date:

Minimum Degree Requirements

ECTS

Number of courses

360

53

* Please see https://med.yeditepe.edu.tr/sites/default/files/curriculum_2021-22_ytf_tr.docx for more information.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE V**

DESCRIPTION AND CONTENT

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

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

AIM and LEARNING 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

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

ACADEMIC CALENDAR 2022 – 2023

September 05, 2022 (Monday)	Beginning of Phase V
September 02, 2022, Friday 12.00-13.00	Introduction of Phase V
October 20, 2022 (Thursday)	Coordination committee meeting
October 28 , 2022 (Friday, ½ day) October 29, 2022 (Saturday)	Republic Day National Holiday
November 10, 2022 (Thursday 09:00-12:00)	Commemaration of Atatürk
January 1, 2023 (Sunday)	New year
January 10, 2023 (Tuesday)	Coordination committee meeting (with student participation)
March 14 , 2023 (Tuesday)	Physicians' Day
April 20, 2023 (Thursday, ½ day) April 21-23, 2023 (Friday-Sunday)	Ramadan Feast Holiday
April 23, 2023 (Sunday)	National Holiday
May1, 2023 (Monday)	Labor's day
May 19 2023 (Friday)	National Holiday
May 23, 2023 (Tuesday)	Coordination committee meeting (with student participation)
June 19-22, 2023	Make up exams
June 27, 2023 (Wednesday, ½ day) June 28- July 1, 2023	Religious Holiday
June 30, 2023, (Friday)	End of Phase
July 11, 2023 (Tuesday)	Coordination committee meeting

PHASE V

ACADEMIC SCHEDULE 2022 – 2023

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
05-09.09.2022	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)
12-16.09.2022		NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)			
19-23.09.2022							
26-30.09.2022	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H (2 weeks)	MEDICAL GENETICS Y.Ü.T.F* (1 week)	PSYCHIATRY Y.Ü.T.+Modist (2 weeks)				
03-07.10.2022		RADIATION ONCOLOGY K.L.K. (1 week)					
10-14.10.2022	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.+Moodist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY Y.Ü.T.F. (3 weeks)
17-21.10.2022			NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)			
24- 28.10.2022							
31.10- 04.11.2022	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.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 + S.E.A.H (2 weeks)
07-11.11.2022			RADIATION ONCOLOGY K.L.K. (1 week)				
14-23.11.2022	CL. PHARMACOLOGY Y.Ü.T.F. (GROUP I)				FORENSIC MEDICINE Y.Ü.T.F. (GROUP II)		
24.11- 02.12.2022	FORENSIC MEDICINE Y.Ü.T.F. (GROUP II)				CL. PHARMACOLOGY Y.Ü.T.F. (GROUP I)		
05-09.12.2022	PEDIATRIC SURGERY Y.Ü.T.F + S.E.A.H (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.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)
12-16.12.2022				RADIATION ONCOLOGY K.L.K. (1 week)			
19-23.12- 2022	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY 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.+Modist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)
26-30.12.2022					NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F (1 week)	
02-06.01.2023							
09-13.01.2023	UROLOGY Y.Ü.T.F (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + S.E.A.H (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.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)
16-20.01.2023					RADIATION ONCOLOGY K.L.K. (1 week)		

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
23-27.01.2023	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY 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.+Modist (2 weeks)
30.01-03.02.2023						NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F. (1 week)
06-10.02.2023						MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)
13-17.02.2023	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F. (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F. + S.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H. (2 weeks)	RADIATION ONCOLOGY K.L.K. (1 week)	RADIOLOGY Y.Ü.T.F. (2 weeks)
20-24.02.2023						ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	
27.02-03.03.2023	PSYCHIATRY Y.Ü.T.+Modist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H. (2 weeks)	NUCLEAR MEDICINE Y.Ü.T.F. (1 week)
06-10.03.2023	CHILD PSYCHIATRY Y.Ü.T.F. (1 week)						MEDICAL GENETICS Y.Ü.T.F* (1 week)
13-17.03.2023	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)						RADIATION ONCOLOGY K.L.K. (1 week)
20-24.03.2023	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.+Modist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)	OTORHINO- LARYNGOLOGY Y.Ü.T.F. (3 weeks)	DERMATOLOGY Y.Ü.T.F. (3 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)
27-31.03.2023							PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H. (2 weeks)
03-07.04.2023	NUCLEAR MEDICINE Y.Ü.T.F. (1 week)	CHILD PSYCHIATRY Y.Ü.T.F. (1 week)	NEUROSURGERY Y.Ü.T.F. (2 weeks)	UROLOGY Y.Ü.T.F. (2 weeks)	PEDIATRIC SURGERY Y.Ü.T.F + S.E.A.H. (2 weeks)	INFECTIOUS DISEASES Y.Ü.T.F +H.N.H. (2 weeks)	PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H. (2 weeks)
10-14.04.2023							ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)
24-28.04.2023							PHYSICAL MEDICINE &REHABILITATION Y.Ü.T.F.+ F.S.M.E.A.H. (2 weeks)
02-05.05.2023	MEDICAL GENETICS Y.Ü.T.F* (1 week)	ANESTHESIOLOGY Y.Ü.T.F. (2 weeks)	ORTHOPAEDICS & TRAUMATOLOGY Y.Ü.T.F. (3 weeks)	RADIOLOGY Y.Ü.T.F. (2 weeks)	PSYCHIATRY Y.Ü.T.+Modist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)
08-12.05.2023	RADIATION ONCOLOGY K.L.K. (1 week)						NUCLEAR MEDICINE Y.Ü.T.F. (1 week)
15-18.05.2023	OTORHINO- LARYNGOLOGY 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.+Modist (2 weeks)	NEUROLOGY Y.Ü.T.F. + F.S.M.E.A.H. (3 weeks)	OPHTHALMOLOGY Y.Ü.T.F. (3 weeks)
22-26.05.2023							NUCLEAR MEDICINE Y.Ü.T.F. (1 week)
29.05-02.06.2023							CHILD PSYCHIATRY Y.Ü.T.F. (1 week)

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

F.S.M.E.A.H Fatih Sultan Mehmet Training and Research Hospital

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

S.E.A.H: Sancaktepe Şehit Prof. Dr. İlhan Varank Training and Research Hospital

Moodist: Moodist Psikiyatri ve Nöroloji Hastanesi

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE V

STUDENT GROUPS

	GRUP 1		
1	20200800131	MAHMOUD	ABOUKHREIS
2	20180800116	İLAYDA	AGAR
3	20190800014	MUSTAFA	CEYLAN
4	20190800018	MEHMET	AKYÜZ
5	20180800121	MAHMOUD	ALJOBBEH
6	20170800073	BARTU	ALKIŞER
7	20180800036	EKİN SU	ALPSAR
8	20180800125	MARYAM	AL-RUBAYE
9	20200800014	LARA	ÇİTİL
10	20170800031	SÜMEYYE	ALTUNEL
11	20200800004	ADNAN	ANJARY
12	20180800114	FURKAN	ARIK
13	20200800009	İPEK	ARSLAN
14	20180800066	ÇAĞLA	ATAY
15	20200800005	BURCU	AYDIN
16	20180800105	LARA	BİLİCİ

	GRUP 2		
1	20180800038	EKİN BORA	BAŞARAN
2	20200800008	YASEMİN	BAHADIR
3	20200800017	ALİ BORA	BODUR
4	20180800115	BAŞAK	BÜYÜKKÜRKÇÜ
5	20170800034	CEMİL CEM	GİRİŞKEN
6	20180800079	ASYA	AKOVA
7	20180800069	İREM	ÇIRPICI
8	20200800011	ÖZLEM	ALTUN
9	20170800090	BENGİSU	ÇÖKELEK
10	20180800101	TOLGA	ÇÖKMEZ
11	20210800029	MUSTAFA BATUHAN	DAL
12	20180800045	İREM	DALKIRAN
13	20180800084	ULAŞ BEJAN	DEMİR
14	20180800057	ORKUN	DEMİROK

	GRUP 3		
1	20170800092	DORUK	ARSLAN
2	20180800063	AYÇA ZEYNEP	DOĞAN
3	20210800027	CAN	TRUE
4	20170800096	ROZERİN EZGİ	DUMAN
5	20200800006	LALE LEMAN	EDİS
6	20180800078	ALARA YAĞMUR	RADAVUŞ
7	20180800076	EGE	GÜRLÜ
8	20180800073	ÖMER	EMANET
9	20170800020	ATABERK	ERDEM
10	20180800083	EMRE	ERDEN
11	20180800096	ECE	SEÇEN
12	20180800064	BANU	ERKAL
13	20180800100	TUANA	GAYRET
14	20180800046	EDA	ERTAV
15	20170800115	NAGİHAN	ESİM
16	210800034	NUR RİMA	YOLA

	GRUP 4		
1	20200800010	JALE ALKIM	EVLİYAOĞLU
2	20180800070	OZAN	ERTAM
3	20180800128	HAMAD	GHAZI MOHAMED
4	20170800103	SÜMEYYE	CAM
5	20180800001	NEGAR	NAGHSHEHEI MAST
6	20180800041	MELTEM ÖZGE	GÜNEŞ
7	20180800118	DALYA	GÜRKAN
8	20200800132	ALAUDDIN	ELKMESHI
9	20180800008	AHMAD HANI KHAMIS	HAMAD
10	20180800002	AHMET	HATİPOĞLU
11	20180800120	TUĞBA	ÖZEDİRNE
12	20170800077	FATMANUR İREM	KANDEMİR
13	20180800007	ALAA AHMED METWALLY	KHATTAB
14	20180800030	JAMAL	MONTASER
15	20180800006	OSAMA	KARIMA
16	20170800101	AYŞE IRMAK	KARUN

	GRUP 5		
1	20180800013	DİLŞAT	ONAY
2	20180800097	EFE ERALP	KAYA
3	20190800019	EZGİ DERYA	KAYA
4	20200800023	BERKE TUĞKAN	KARAAĞAÇ
5	20200800124	EZGİ ELÇİN	KÖKSAL
7	20210800015	ÖMER EKREM	KÖŞK
8	20170800083	ALİ TAN	KÜÇÜKBASMACI
9	20180800056	ZEYNEP	LÜMALI
10	20180800059	BÜŞRA	NECCAR
11	20180800104	AYŞE BUSE	MELİK
12	20180800053	YAĞMUR	MERT
13	20180800048	ELİF	MERT
14	20180800074	ELVİN İZEL	MISIRLIOĞLU
15	20180800099	DENİZ BADE	KARAKAŞ
16	20170800014	NEDA	MUMCU
17	20200800012	AHU	RODOPLU

	GRUP 6		
1	20170800023	GAYE	GÜNER
2	20170800099	İREM NUR	KAVAN
3	20180800071	ATAHAN	İNAN
4	20170800097	İBRAHİM ONUR	ŞAHİN
5	20170800027	ELİF	YÜKSEL
6	20180800112	FEYZAN	SÖYLEMEZ
7	20170800079	IŞIL SERAY	ÖZDEŞ
8	20180800072	ADİL ONUR	POLAT
9	20180800055	ÖYKÜ	PÜSKÜLLÜOĞLU
10	20170800098	MUHAMMET ALİ	EKER
11	20210800031	BERKAY	REİS
12	20170800042	ÖZGE	SABUNCU
13	20180800092	UYGAR	SARISALTIK
14	20180800029	KAYRA BORA	UZASLAN
15	20180800035	RECEP	ERDOĞAN

	GRUP 7		
1	20180800113	İNCİ	SEVDİK
2	20180800123	HADI	SLEIMAN
3	20180800004	DENİZ	ÖZALP
4	20210800021	BURÇAK	TEKER
5	20210800024	ECEM NUR	TÜLEK
6	20170800052	ELİFSU	TÜRKMEN
7	20170800021	OZAN	SAVAŞ
8	20180800010	BİLGE KAAN	ÜLGER
9	20190800009	HASAN	ÜNLÜKAHRAMAN
10	20180800009	AYAH	WAZZAN
11	20180800042	İLKER	YILMAZ
12	20180800060	HELİN	YİĞİT
13	20170800033	MERT	YÖNEY
14	20180800077	ALADAĞ TOYKOÇ	YÜKSEL
15	20180800058	İZEM	ÖNGÜNŞEN

SPECIFIC SESSIONS / PANELS

Introductory Session

Aim of the session:

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

Objectives of the Session:

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

Rules of the Session:

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

Implementation of the Session:

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

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

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

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

Clerkship Evaluation Session

Aim of the Session:

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

Objectives of the Program Evaluation Session are to;

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

Process:

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

Rules of the Clerkship Evaluation Session :

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

Program Improvement Session

Aim:

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

Objectives:

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

Rules:

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

Implementation:

Before the Session

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

During the Session

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

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

After the Session

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

INDEPENDENT LEARNING

Description:

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

Aim:

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

Objectives:

With this instructional strategy, students will develop;

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

Rules:

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

What a student should do for learning independently?

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

7. **Reflecting:** Reflecting on what you've done can help you decide whether the activity was really effective, whether an alternative approach might be better on another occasion, whether you spent the right amount of time and whether you have achieved the target you'd set yourself.
8. **Improving:** Once you've achieved the target, the process of planning can start again. Your needs and priorities may have changed, so think about them and then set yourself to another target.

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

Reference:

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

For further reading useful resources to recommend to students:

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

ASSESSMENT PROCEDURES

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

Assessment Approaches	Assessment Methods	Question Types / Assessment Tools
Knowledge-based Assessment	WE: Written Examination* (Pencil-Paper Tests)	MCQ: Multiple Choice Questions
		EMQ: Extended Matching Questions
		KF: Key Features
		EQ: Essay Questions
		MEQ: Modified Essay Questions
Competency-based Assessment	OE: Oral Exam	
	SOE: Structured Oral Exam	SOE Checklist
	OSCE: Objective Structured Clinical Examination	OSCE Checklist
Performance-based Assessment	SP: Assessment with Simulated Patients	Evaluation Checklist
	PE: Portfolio Evaluation	PE Checklist
	Logbook	
	DOPS: Direct Observation of Procedural Skills	DOPS Rating Scale
	Mini-CEX: Mini Clinical Evaluation Exercise	Mini-CEX Rating Scale
	Evaluation of Case Presentation	With/Without Checklist
	Evaluation of Student's Seminar	With/Without Checklist
	Evaluation of Preparation Skills of the Patient's File	With/Without Checklist
	Global Evaluation of Student's Performance	With/Without Checklist
	Evaluation of Student's Learning Projects	With Rating Scale

* WEs consists of 50-100 questions.

Detailed Assessment Tables are shown for each clerkship program in related pages of Academic Program Book.

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

Definitions of the Assessment Methods and Question Types

MCQ consist of a question, followed by five plausible alternative responses from which the student has to select the correct one.

EMQ are similar to multiple choice questions but with one key difference, that they test knowledge in a far more applied, in depth, sense. EMQ is based on a single theme, two or more questions and has a long option list.

KF questions are short clinical cases or scenarios which are followed by questions aimed at key features or essential decisions of the case. These involved either 1 or more very brief written answers, or 1 or more items selected from a long list.

EQ are a written examination that requires an answer in a sentence, paragraph, or short composition.

MEQ is made up of one or more short answer questions. The student is provided with basic science or clinical information and then asked to write brief responses to one or more questions. When a series of questions is presented, additional information about the original problem can be provided at each subsequent step, guiding the students through an analytical process

OE is a practice in many schools of medicine and disciplines, where an examiner poses questions to the student in spoken form. The student has to answer the question in such a way as to demonstrate sufficient knowledge of the subject in order to pass the exam.

SOE, In structured oral examination as the question, answers and scores are noted by the examiners for each candidate.

OSCE describes a form of competency-based assessment used to measure a student's clinical competence. During an OSCE, students are observed and evaluated as they go through a series of stations in which they interview, examine and treat simulated patients who present with some type of medical problem.

DOPS is designed specifically to assess practical skills in a workplace setting. A student is observed and scored via a checklist by an assessor while performing a routine practical procedures (i.e.microscopy).

Mini-CEX is a structured assessment of an observed clinical encounter. This "snapshot" is designed to help you provide feedback on skills essential to the provision of good clinical care.

Logbook is used simply as a means for students to document their activities.

PE, Portfolio is a collection of work developed as a cumulative 'body of evidence' to demonstrate the student's learning and achievements. It is not an assessment method in its own right, rather a receptacle containing a mixture of materials. Each piece may be assessed individually and/or a mark or grade is awarded to the portfolio as a whole.

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE EXAM RULES

- **Seating-** Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.
- **Electronics** – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.
- **Absence** – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.
- **Scratch Paper** – Students are not allowed to bring scratch paper into the exam room.
- **Meaning of Questions** – Students may not consult the supervisor as to the meaning of any question.
- **Signature** – 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.
 - Disobeying to the conduct of supervisor 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.
 - Failing to follow other exam instructions.

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 Journal 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.

CLERKSHIP PROGRAMS

(38 WEEKS)

ORTHOPEDICS AND TRAUMATOLOGY (3 weeks)

PSYCHIATRY (2 weeks)

CHILD PSYCHIATRY (1 week)

NEUROSURGERY (2 weeks)

NEUROLOGY (3 weeks)

OPHTHALMOLOGY (3 weeks)

OTORHINOLARYNGOLOGY (3 weeks)

DERMATOLOGY (3 weeks)

PHYSICAL MEDICINE AND REHABILITATION (2 weeks)

RADIOLOGY (2 weeks)

NUCLEAR MEDICINE (1 week)

RADIATION ONCOLOGY (1 week)

ANESTHESIOLOGY AND REANIMATION (2 weeks)

UROLOGY (2 weeks)

INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY (2 weeks)

PEDIATRIC SURGERY (2 weeks)

MEDICAL GENETICS (1 week)

CLINICAL PHARMACOLOGY (1.5 week)

FORENSIC MEDICINE (1.5 week)

PHASE V ORIENTATION PROGRAM

The program is held online on the 02nd of September 2022 (Friday) between 12:00 - 13:00 hours. Each student should attend the orientation program.

İlke Bahçeci Şimşek, MD Assoc Prof. (Coordinator)

Ece Genç, PhD Prof. (Co-coordinator)

Hatice Türe, MD Prof. (Co-coordinator)

Müzeyyen Doğan, MD Prof. (Co-coordinator)

Oğuzhan Zahmacıoğlu, MD Assoc Prof. (Co-coordinator)

Asuman Cömert Erkılınç, MD Assoc Prof. (Co-coordinator)

ORTHOPEDICS AND TRAUMATOLOGY TRAINING PROGRAM

(Lecture 3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Orthopedics and Traumatology: Turhan Özler, MD, Prof.

Faik Altıntaş, MD Prof.
Hasan Bombacı ,MD, Prof.
Gökhan Meriç, MD, Prof.
Onur Kocadal, MD, Assoc. Prof.
Koray Başdelioğlu, MD, Assoc. Prof.
Burak Çağrı Aksu, MD Assist. Prof.
Samet Bayram, MD. Spec.

CLERKSHIP	ORTHOPEDICS and TRAUMATOLOGY Aim of this clerkship is to;
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.
LEARNING OBJECTIVES	
At the end of this term, student should be able to:	
KNOWLEDGE	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 of the joints and spine and optimal managements
	5. describe degenerative spinal disorders, spine deformities and traumatic spine disorders
	6. explain diagnostic and therapeutic modalities in sports injury
	7. classify classification, diagnosis and treatment modalities in musculoskeletal
	8. explain ethiopathogenesis of osteoporosis, and risc factors and treatment
SKILLS	9. perform orthopedic examination of musculoskeletal system
	10. perform first aid, wound care, bandaging, and management of temporary fracture stabilization, in case of fracture
	11. perform cast to the fractured extremity
ATTITUDES	12. be aware of importance of differentiation of musculoskeletal diseases and fractures,
	13. make guidance to patient about treatment,
	14. have good communication with patient and accompanying persons or care givers

NCC 2014 – Essential Medical Procedures (Orthopedics and Traumatology)	Performance Level
General and symptom-based history taking	3
General condition and vital signs assessment	3
Musculoskeletal system examination	3
Preparing patient file	3
Reading direct radiographs and assessment	3
Preparing and applying splints	3
Applying bandage and tourniquet	3
Incision and drainage of skin and soft tissue abscess	3
Appropriate patient transportation	3
Cervical collar application	3
Transportation of amputated limb after trauma	2
Superficial suturing and removal of sutures	3

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	80%
Extended Matching Questions	10%
Key Features	10%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Oral Exam (OE)	50%
Mini Clinical Evaluation Exercise (Mini-CEX)	50%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%
Total	100 %

ORTHOPEDICS AND TRAUMATOLOGY TRAINING PROGRAM
Theoretical Program

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.50	Introductory Session Introduction to Orthopedics and Traumatology <i>Faik Altıntaş</i>	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round
10:00-10:50	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)
11.00-11.50	Lecture Basic Principles of Fractures <i>Hasan Bombacı</i>	Lecture Pelvic Fractures <i>Gökhan Meriç</i>	Lecture Congenital Anomalies of the Lower Extremity <i>Burak Çağrı Aksu</i>	Lecture Dislocations and Fractures of the Upper Extremity <i>Koray Başdelioğlu</i>	Lecture Disorders of the Foot and Ankle in Adults <i>Burak Çağrı Aksu</i>
11.50-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50	Lecture Osteomyelitis <i>Samet Bayram</i> <i>Hasan Bombacı</i>	Lecture Shoulder and Elbow Disorders <i>Hasan Bombacı</i>	Lecture Pes Equinovarus <i>Burak Çağrı Aksu</i>	Lecture Septic Arthritis <i>Koray Başdelioğlu</i>	Lecture Open Fractures <i>Gökhan Meriç</i>
15.00-15.50	Clinical Skills Learning (Examination of Knee)	Clinical Skills Learning (Examination of Hip)	Clinical Skills Learning (Examination of Shoulder)	Clinical Skills Learning (Examination of Ankle)	Clinical Skills Learning (Examination of Spine)
16.00-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.50	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round
10:00-10:50	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)
11.00-11.50	Lecture Developmental Dysplasia of the Hip <i>Hasan Bombacı</i>	Lecture Osteoarthritis, <i>Faik Altıntaş</i>	Lecture Shoulder Disorders <i>Hasan Bombacı</i>	Lecture Arthroscopy, Cartilage Biology and Injuries <i>Turhan Özler</i>	Lecture Hand Surgery <i>Gökhan Meriç</i>
11.50-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50	Lecture Osteoporosis, Avascular Necrosis of the Bone <i>Koray Başdelioğlu</i>	Lecture Perthes Disease, <i>Koray Başdelioğlu</i>	Lecture Knee Problems in Sports Medicine <i>Turhan Özler</i>	Lecture Cerebral Palsy <i>Gökhan Meriç</i>	Lecture Dislocations and Fractures of the Lower Extremity, <i>Turhan Özler</i>
15.00-15.50	Clinical Skills Learning (Gait Evaluation)	Clinical Skills Learning (Pediatric Examination)	Clinical Skills Learning (Wound Management)	Clinical Skills Learning (Management After Sports Injury)	Clinical Skills Learning (Examination of Cerebral Palsy)
16.00-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00-9.50	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Case Presentation (Student) or Ward Round or Preop X-Ray Round	Assessment Session
10:00-10:50	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	Clinical Experience (Outpatient/ Surgical)	
11.00-11.50	Lecture Benign Tumors of the Bone <i>Koray Başdelioğlu</i>	Lecture Spinal Trauma and Fractures <i>Burak Çağrı Aksu</i>	Lecture Elbow Disorders <i>Hasan Bombacı</i>	Lecture Arthroplasty <i>Faik Altıntaş</i>	
11.50-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50	Lecture Malignant Tumors of the Bone <i>Koray Başdelioğlu</i>	Lecture Pediatric Fractures. <i>Turhan Özler</i>	Lecture Fracture Healing <i>Hasan Bombacı</i>	Lecture Scoliosis <i>Gökhan Meriç</i>	Program evaluation Session Review of the Exam Questions, Evaluation of the Program <i>Turhan Özler</i>
15.00-15.50	Clinical Skills Learning (Cast Application)	Clinical Skills Learning (Hand Examination)	Clinical Skills Learning (Pediatric Hip Examination)	Clinical Skills Learning (Management After Trauma)	
16.00-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

PSYCHIATRY TRAINING PROGRAM

YEDİTEPE UNIVERSITY HOSPITAL (2 weeks)

Head of the Department of Psychiatry: Okan Taycan, MD Prof.

Naz Berfu Akbaş, MD Assoc. Prof.
Hakan Atalay, MD Assoc.Prof.
Serhat Tunç, 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,
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe organic, physiological, and psychological causes of depression
	2. describe organic, physiological, and psychological factors related with bipolar and somatoform disorder
	3. discuss schizophrenic spectrum disorders
	4. describe trauma related disorder
	5. explain eating disorders
	6. explain drug addiction
	7. outline anxiety disorders
SKILLS	8. assess mental status, take psychiatric history
	9. perform psychiatric examination
ATTITUDES	10. assume neutral, extra-judicial and indiscriminate approaches to patient
	11. value privacy of patients,
	12. give patients confidence
	13. maintain empathy and effective communication with patient and accompanying persons or care givers

NCC 2014 – Essential Medical Procedures (Psychiatry)	Performance Level
General and symptom-based patient interview	3
Assessing mental status	3
Psychiatric history taking	3
Consciousness assessment and mood state examination	3
General condition and vital signs assessment	3
Preparing forensic report	2
Obtaining informed consent	3
Preparing epicrisis	2
Preparing patient file	2
Referring patient appropriately	2
Preparing medical reports and notice	2
Writing prescription	2
Preparing treatment refusal form	2
Filling laboratory recuse form	3
Interpretation of screening and diagnostic examination results	2
Stabilization of psychiatric emergency patient	2
Assessing suicidal risk	2
Suicide intervention	2
Minimental state examination	2
Defining consent capacity	2

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	85%
Extended Matching Questions	5%
Essay Questions	5%
Short Response Essay Questions	5%
Total	100%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Student's Seminar (With Checklist)	45%
Global Evaluation of Student's Performance (With Checklist)	10%
Total	55 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	45%
Other Assessments Methods and Tools	55%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-11:00	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Lecture Psychiatric Emergencies <i>Serhat Tunç</i>	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
11:00-12:00	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Psychiatry Dep. Journal Club	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-14:30	Introductory Session (Introduction to Psychiatry) <i>Okan Taycan</i>	Lecture Psychiatric Assessment of a Patient <i>Hakan Atalay</i>	Clinical Experience (Outpatient)	Lecture Major Depressive Disorder <i>Hakan Atalay</i>	Lecture Delirium and Other Cognitive Disorders <i>Naz B. Akbaş</i>
14:45-16:15	Lecture Signs and Symptoms in Psychiatry <i>Okan Taycan</i>	Lecture Personality Disorders <i>Okan Taycan</i>	Clinical Experience (Outpatient)	Lecture Bipolar Disorders <i>Hakan Atalay</i>	Lecture Anxiety Disorders <i>Naz B. Akbaş</i>
16:30-17:30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:30	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Lecture Substance Related Disorders <i>Serhat Tunç</i>	Clinical Experience (Outpatient)	Assessment Session
10:45-12:00	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Lecture Eating Disorders <i>Naz B. Akbaş</i>	Clinical Experience (Outpatient)	
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-14:30	Lecture Schizophrenia and Other Psychoses <i>Okan Taycan</i>	Lecture Treatment in Psychiatry <i>Okan Taycan</i>	Clinical Experience (Outpatient)	Lecture Somatic Symptom Disorders <i>Naz B. Akbaş</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program <i>Naz B. Akbaş</i> <i>Okan Taycan</i> <i>Hakan Atalay</i>
14:30-16:00	Lecture Schizophrenia and Other Psychoses <i>Okan Taycan</i>	Lecture Obsessive Compulsive Disorder <i>Okan Taycan</i>	Clinical Experience (Outpatient)	Lecture Sexual Dysfunctions <i>Naz B. Akbaş</i>	
16:30-17:30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

CHILD AND ADOLESCENT PSYCHIATRY TRAINING PROGRAM

(1 week)

YEDİTEPE UNIVERSITY HOSPITAL

Oğuzhan Zahmacıoğlu, MD. Assoc 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.
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe depression, anxiety, autism, intellectual disability, tic disorders, dyslexia, conduct disorder
	2. describe organic, physiological and psychological factors related with ADHD
	3. describe developmental theories of childhood and adolescence
SKILLS	4. assess mental status
	5. take psychiatric history
	6. make psychiatric examination
	7. make neutral, extra-judicial and indiscriminate approaches to patient
	8. give patients confidence
	9. maintain empathy and effective communication with patient and
ATTITUDES	10. distinguish symptoms and signs of psychiatric conditions
	11. diagnose psychiatric conditions
	12. do preliminary interventions
	13. make stabilization of psychiatric emergency cases in emergency conditions like suicide, conversion disorder, manic episode, substance-related emergencies

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Lecture Introduction to Child and Adolescent Psychiatry <i>Oğuzhan Zahmacioğlu</i>	Lecture Normal Development In Adolescence <i>Oğuzhan Zahmacioğlu</i>	Lecture Anxiety Disorders <i>Oğuzhan Zahmacioğlu</i>	Lecture Child Abuse and Neglect <i>Oğuzhan Zahmacioğlu</i>	Assessment Session
10.00- 10.50	Lecture Assessing Families <i>Oğuzhan Zahmacioğlu</i>	Lecture Attention Deficit Hyperactivity Disorder <i>Oğuzhan Zahmacioğlu</i>	Lecture Autism Spectrum Disorders <i>Oğuzhan Zahmacioğlu</i>	Lecture Pharmacologic Treatments <i>Oğuzhan Zahmacioğlu</i>	
11.00-11.50	Lecture Understanding Normal and Deviant Mental Development <i>Oğuzhan Zahmacioğlu</i>	Lecture Mood Disorders in Childhood and Adolescence <i>Oğuzhan Zahmacioğlu</i>	Lecture Intellectual Disability <i>Oğuzhan Zahmacioğlu</i>	Lecture Psychotherapies <i>Oğuzhan Zahmacioğlu</i>	
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Clinical Experience (Outpatient) <i>Oğuzhan Zahmacioğlu</i>	Clinical Experience (Outpatient) <i>Oğuzhan Zahmacioğlu</i>	Clinical Experience (Outpatient) <i>Oğuzhan Zahmacioğlu</i>	Clinical Experience (Outpatient) <i>Oğuzhan Zahmacioğlu</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program <i>Oğuzhan Zahmacioğlu</i>
14.00- 14.50					
15.00- 15.50					
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-17.50					

NEUROSURGERY TRAINING PROGRAM
(2 weeks)
YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Neurosurgery: M. Gazi Yaşargil, MD Prof.
Uğur Türe, MD Prof.
Ahmet Hilmi Kaya, MD Prof.
Aikaterini Panteli, MD Assist. 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
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. recognize general clinical presentation in neurosurgical patients
	2. describe neurosurgical emergencies (head and spinal trauma, intracerebral hemorrhage and peripheral nerve injuries)
	3. describe intracranial hypertension and brain herniation syndromes, recognize skull base fractures and cerebrospinal fluid fistulas
	4. describe 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. describe 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. describe peripheral nerve compression syndromes and nerve injuries
	9. describe hydrocephalus, craniosynostosis and spinal dysraphism
	10. describe infections meningitis, brain abscess, tuberculosis, brucellosis
	11. describe management of plegic patients to prevent bedsores, encourage
SKILLS	13. perform patient history taking
	14. perform neurological examination in neurosurgical patients
	15. perform resuscitation, intravenous catheter placement, wound cleaning and closure in neurosurgical emergencies
	16. perform immobilization, apply corset in spinal trauma and know how to
	17. perform initial treatment of increased intracranial pressure
	18. perform initial treatment of neurogenic, spinal and hemorrhagic shock
	19. perform wound cleaning in meningomyelocele for protection of sac
	20. perform advices for protective precautions in degenerative spinal diseases
ATTITUDES	21. be alert to importance of early treatment in neurosurgical emergencies and referral of patients to appropriate center when
	22. be alert to protective precautions in neurosurgical patients in addition to referral

NCC 2014 - Essential Medical Procedures (Neurosurgery)	Performance Level
General and symptom-based history taking	3
Mental status evaluation	3
Consciousness assessment and psychiatric examination	3
Musculoskeletal system examination	3
Neurological examination	3
Preparing patient file	3
Ability to prescription	3
Glasgow-coma-scale assessment	3
Appropriate patient transportation	3
Giving patient recovery position	3
Performing lumbar puncture	1
Minimal status examination	1
Cervical collar application	3
Superficial suturing and removal of sutures	1

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	60%
Extended Matching Questions	20%
Key Features	20%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Oral Exam (OE)	80%
Evaluation of Case Presentation	10%
Evaluation of Student's Seminar	10%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	60%
Other Assessments Methods and Tools	40%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Grand rounds	Grand rounds	Grand rounds	Grand rounds	Grand rounds
10.00- 10.50	Lecture Neuroanatomy Review <i>Aikaterini Panteli</i>	Lecture Head Trauma <i>Aikaterini Panteli</i>	Lecture Degenerative Spinal Disease 1 <i>Ahmet Hilmi Kaya</i>	Lecture Intracranial Tumors 1 <i>Uğur Türe</i>	Lecture Vascular Neurosurgery 1 <i>Uğur Türe</i>
11.00- 11.50	Lecture Neuroanatomy Review <i>Aikaterini Panteli</i>	Lecture Spinal Trauma <i>Aikaterini Panteli</i>	Lecture Degenerative Spinal Disease 2 <i>Ahmet Hilmi Kaya</i>	Lecture Intracranial Tumors 2 <i>Uğur Türe</i>	Lecture Vascular Neurosurgery 2 <i>Uğur Türe</i>
12.00 - 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Neurological examination of the neurosurgical patient <i>Aikaterini Panteli</i>	Lecture Intracranial hypertension <i>Ahmet Hilmi Kaya</i>	Lecture Spinal Tumors <i>Ahmet Hilmi Kaya</i>	Lecture Spinal Stenosis <i>Ahmet Hilmi Kaya</i>	Lecture Pediatric Neurosurgery <i>Aikaterini Panteli</i>
14.00 – 14.50	Lecture Neurological examination of the neurosurgical patient <i>Aikaterini Panteli</i>	Lecture Hydrocephalus <i>Ahmet Hilmi Kaya</i>	Lecture Spinal Tumors <i>Ahmet Hilmi Kaya</i>	Lecture Spondylolisthesis <i>Ahmet Hilmi Kaya</i>	Lecture Pediatric Neurosurgery <i>Aikaterini Panteli</i>
15.00- 15.50	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic
16.00-16.50					
17.00- 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Grand rounds	Grand rounds	Grand rounds	Grand rounds	Assessment Session
10.00- 10.50	Operation theatre	Operation theatre	Operation theatre	Operation theatre	Program Evaluation Session Review of the Exam Questions Evaluation of the Program <i>Uğur Türe</i> <i>Ahmet Hilmi Kaya</i>
11.00- 11.50					
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Infections in Neurosurgery <i>Aikaterini Panteli</i>	Lecture Functional neurosurgery <i>Ahmet Hilmi Kaya</i>	Lecture Nerve Entrapment Syndromes <i>Aikaterini Panteli</i>	Outpatient clinic	Independent Learning
14.00- 14.50	Student seminar	Student seminar	Student seminar		
15.00- 15.50					
16.0- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00 – 17.50					

NEUROLOGY TRAINING PROGRAM
(3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Neurology: Berrin Aktekin, MD Prof.
Emin Özcan, MD Assoc. Prof.
Halide Rengin Bilgen Akdeniz, MD Assist. Prof.
Yüksel Dede, MD Assist. Prof.

&

FATİH SULTAN MEHMET TRAINING AND RESEARCH HOSPITAL

Chief of Neurology Department: Eren Gözke, MD Assoc. Prof.
Pelın Doğan Ak, MD
Burcu Bulut Okay, MD
Işıl Kalyoncu Aslan, MD
Leyla Ramazanoğlu, MD

CLERKSHIP	NEUROLOGY <i>Aim of this clerkship is to;</i>
AIM	1. to convey necessary knowledge on pathology, symptomatology, clinics and pharmacology of neurologic diseases, 2. to equip with skills and attitudes required for an appropriate approach to management of neurologic patients
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe anatomy of the cranial nerves and symptoms of cranial nerve palsies
	2. classify neurological motor and sensory system examination
	3. describe physiologies and pathologies of the consciousness (coma state), explain mechanisms of coma occurrence, neurologic examination of coma patient, diagnostic methods of coma, and treatment options of unconscious patient
	4. state signs and symptoms of spinal cord diseases including partial or complete spinal cord involvement, neurological symptoms and diagnostic options
	5. explain pathophysiology, diagnostic and treatment methods and pharmacology of basal ganglia and extrapyramidal disorders
	6. classify headaches and with respect to affected anatomical sites, signs and symptoms and describe different treatment options
	7. describe mechanisms of sleep disorders, signs and symptoms, methods of examination, and treatment options of sleep disorders
	8. explain pathophysiology, signs and symptoms, and different treatment methods of CNS infections
	9. describe signs, symptoms and examination methods of Dementia, interpret relationship with neurological diseases and anatomical locations of lesions.
	10. explain signs, symptoms and examination methods of Demyelinating diseases and classify the treatment options

	11. describe signs, symptoms, examination methods recognize differential diagnosis and classify the treatment options of epilepsy
	12. describe signs, symptoms, examination methods of cerebrovascular disease and emergency, recognize differential diagnosis and classify treatment options depending on the urgency
	13. interpret cerebellar diseases
	14. outline methods of examination in neuro-muscular disorder
SKILLS	15. measure five primary deep tendon reflexes, explain corresponding root and muscle
	16. measure the pupillary size and assess the direct, consensual pupillary reaction and relative afferent pupillary defect (RAPD)
	17. examine cerebellar system
	18. perform Motor strength of upper and lower extremities, explain assessment of muscle power scale
	19. perform the examination of the Vestibulo-Cochlear system
	20. perform the examination of sensory system
	21. perform Romberg test
	22. implement copious irrigation of eyes, fornices as an emergent treatment in case of chemical burns
ATTITUDES	23. value impact of neurologic diseases on personal health
	24. judge the importance of emergency cases and to refer the cases in appropriate condition
	25. be alert to neurologic problems of systemic diseases
	26. demonstrate professional behaviour in relations with patients, families and healthcare staff

NCC 2014 - Essential Medical Procedures (Neurology)	Performance Level
Mental status evaluation	3
Consciousness assessment and psychiatric examination	3
Eye, fundus examination	3
Neurological examination	4
Performing lumbar puncture	2
Minimal status examination	3

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	50%
Extended Matching Questions	20%
Key Features	15%
Essay Questions	15%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	30%
Direct Observation of Procedural Skills (DOPS)	2,5%
Evaluation of Case Presentation	2,5%
Evaluation of Preparation Skills of Patient's File	2,5%
Global Evaluation of Student's Performance	2,5%
Total	40 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	60%
Other Assessments Methods and Tools	40%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Introductory Session (Introduction to Neurology)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
10.00- 11.20	Lecture Semiology <i>Pelin Doğan Ak</i>	Clinical Experience (Neurology Policlinic)	Clinical Experience (Neurology Policlinic)	Clinical Experience (Neurology Policlinic)	Clinical Experience (Outpatient)
11.30- 12.00	Clinical experience	Student Group Study	Student Group Study	Student Group Study	Student Group Study
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Clinical Experience (Neurology polyclinc)	Lecture Medula Spinalis disorders <i>Berrin Aktekin</i>	Lecture Coma <i>H. Rengin Bilgen Akdeniz</i>	Lecture Dementia <i>Yüksel Dede</i>	Lecture Cerebrovascular Disorders <i>Işıl Kalyoncu Aslan</i>
14.00- 14.50	Clinical Experience (Neurology polyclinc)	Clinical Experience (Neurology polyclinc)	Clinical Experience (Neurology Polyclinic)	Clinical Experience (Neurology Policlinic)	Lecture Motor neuron disorders <i>Burcu Bulut Okay</i>
15.00- 15.50					Lecture Peripheral Nerve Disorders <i>Eren Gözke</i>

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
10.00- 10.50					
11.00-11.20					
11.30- 12.00	Student Group Study	Student Group Study	Student Group Study	Student Group Study	Student Group Study
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Demyelinating Disorders <i>Emin Özcan</i>	Lecture Extrapyramidal Disorders <i>Yüksel Dede</i>	Clinical Experience (Outpatient)	Lecture Epilepsy <i>Berrin Aktekin</i>	Lecture Neuromuscular Junction Disorders <i>Leyla Ramazanoğlu</i>
14.00- 14.50	Lecture Sleep Disorders <i>H. Rengin Bilgen Akdeniz</i>	Lecture CNS infections <i>Yüksel Dede</i>	Clinical Experience (Outpatient)	Lecture EEG <i>Berrin Aktekin</i>	Clinical Experience (Outpatient)
15.00- 15.50	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)		Clinical Experience (Outpatient)	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient) Neurologic Exam And Semiology	Clinical Experience (Outpatient)	Independent Learning
10.00- 10.50					Assessment Session Oral Exam
11.00-11.20					
11.30- 12.00	Student Group Study	Student Group Study		Student Group Study	
12.00- 12.50	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)		Clinical Experience (Outpatient)	Lunch
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Assessment Session Written Exam
14.00- 14.50	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	
15.00- 15.50	Clinical Experience (Outpatient)		Clinical Experience (Outpatient)		
16.00- 16.50	Independent Learning		Independent Learning		Independent Learning
17.00-17.50					

OPHTHALMOLOGY TRAINING PROGRAM

YEDİTEPE UNIVERSITY EYE CENTER

Head of the Department of Ophthalmology: Sinan Tatlıpınar, MD Prof.

Belkıs Ilgaz Yalvaç, MD Prof.

Raciha Beril Küçümen, MD Prof.

İlke Bahçeci Şimşek, MD Assoc. Prof.

Özge Yabaş Kızıloğlu MD Assoc. Prof.

Vildan Öztürk, MD Assist. Prof.

Alp Kayıran, MD Assist. Prof.

CLERKSHIP	OPHTHALMOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. to convey necessary knowledge on pathology, symptomatology, clinics and pharmacology of eye diseases, to equip with skills and attitudes required for an appropriate approach to management of eye patients
<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 physiologies and pathologies of the cornea, conjunctiva, lacrimal system, eyelids and the orbit, explain mechanisms of occurrence, signs and symptoms, methods of examination and ancillary tests, and treatment options of these pathologies.
	4. State signs and symptoms of different lenticular diseases including cataracts, indications and methods of surgical treatments.
	5. Explain pathophysiology, diagnostic and treatment methods and pharmacology of various glaucoma types.
	6. Classify uveitic 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. Explain pathophysiology, risk factors, signs and symptoms, preventive measures and different treatment methods of retinal detachment,
	9. Describe signs, symptoms and examination methods of neuroophthalmological diseases, interpret relationship with neurological diseases and anatomical locations of lesions.
	10. Explain signs, symptoms and examination methods of pediatric ophthalmological diseases and strabismus types and classify the treatment options.
	11. Describe signs, symptoms, examination methods recognize differential diagnosis and classify the treatment options of red eye diseases.
	12. Describe signs, symptoms, examination methods of eye trauma and emergency, recognize differential diagnosis and classify treatment options depending on the urgency.

	13. Interpret ocular manifestations of systemic diseases.
	14. Outlines methods of examination in ophthalmology.
SKILLS	<ol style="list-style-type: none"> 1. Measure and record far and near visual acuity in adults and children 2. Measure the pupillary size and assess the direct, consensual pupillary reaction and relative afferent pupillary defect (RAPD). 3. Examine ocular motility in the six primary directions. 4. Perform direct ophthalmoscopy and document the appearance of retinal arterioles, venules, optic nerve head and macula. 5. Perform putting in eye drops either for treatment or for pharmacologically dilating the pupils in order to facilitate the examination of the fundus. 6. Perform the technique for determination of confrontation of visual field. 7. Examine the tarsal conjunctiva by everting the upper lid. 8. Implement copious irrigation of eyes, fornices as an emergent treatment in case of chemical burns.
ATTITUDES	<ol style="list-style-type: none"> 1. Value impact of eyes diseases on personal health, 2. Judge the importance of emergency cases and to refer the cases in appropriate condition. 3. Be alert to eye problems of systemic diseases. 4. Demonstrate professional behaviour in relations with patients, families and healthcare staff

ASSESSMENT TABLE

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

Questions Types (Pencil-PaperTests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	80%
Extended Matching Questions	10%
Key Feature Questions	10%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Structured Oral Exam (SOE)	35%
Objective Structured Clinical Exam (OSCE)	10%
Case Based Learning (CBL quiz)	5%
Total	50 %
Pass/Fail Decision	Proportion
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%

NCC 2014 - Essential Medical Procedures (Ophthalmology)	Performance Level
Eye, fundus examination	3

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Introductory Session (Introduction to Ophthalmology)*, **, **	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)
10.00- 11.20	Lecture Anatomy <i>Özge Yabaş Kızıloğlu</i>		Lecture Methods of Examination <i>İlke Bahçeci Şimşek</i>		
11.30- 12.00	Clinical experience	Student Group Study2	Student Group Study2	Student Group Study2	Student Group Study2
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Clinical Experience1 (Outpatient)	Lecture Refractive Errors <i>Alp Kayıran</i>	Lecture Conjunctiva <i>Beril Küçümen</i>	Lecture Cornea <i>Alp Kayıran</i>	Lecture Tear Film and Lacrimal Apparatus <i>İlke Bahçeci Şimşek</i>
14.00- 14.50		Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)
15.00- 15.50					
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)
10.00- 10.50			Case Based Learning Red Eye <i>Vildan Öztürk</i>		
11.00-11.20			CBL Eye emergency <i>Vildan Öztürk</i>		
11.30- 12.00	Student Group Study2	Student Group Study2	Student Group Study2	Student Group Study2	Student Group Study2
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Glaucoma <i>B. Ilgaz Yalvaç</i>	Lecture Retinal Detachment and Intraocular Tumours <i>Sinan Tatlıpınar</i>	Lecture Contact Lens and Refractive Surgery <i>Vildan Öztürk</i>	Lecture Diseases of the Lens <i>Beril Küçümen</i>	Lecture Uveal Tract <i>Beril Küçümen</i>
14.00- 14.50	Lecture ³ Lids and Orbit <i>İlke Bahçeci Şimşek</i>	Lecture ³ Retinal Vascular Diseases <i>Sinan Tatlıpınar</i>	Clinical Experience1 (Outpatient)	Lecture ³ Ocular Manifestations of Systemic Diseases <i>Alp Kayıran</i>	Clinical Experience1 (Outpatient)
15.00- 15.50	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)		Clinical Experience1 (Outpatient)	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.S0	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Clinical Experience1 (Outpatient)	Independent Learning
10.00- 10.S0			Student Group Study2		
11.00-11.20			Lecture Pediatric Ophthalmology <i>Özge Yabaş Kızıloğlu</i>		Assessment Session Written Exam
11.30- 12.00	Student Group Study2	Student Group Study2	Student Group Study2		
12.00- 12.50	Lecture Macular Degeneration and Hereditary Retinal Dystrophies <i>Sinan Tatlıpınar</i>	Lecture Neuro-Ophthalmology <i>B. Ilgaz Yalvaç</i>		Clinical Experience1 (Outpatient)	Lunch
13.00- 13.50	Lunch	Lunch	Lunch	Lunch	Assessment Session Oral Exam
14.00- 14.S0	Lecture Strabismus <i>Özge Yabaş Kızıloğlu</i>	Clinical Experience1 (Outpatient)		Clinical Experience1 (Outpatient)	
15.00- 15.50	Clinical Experience1 (Outpatient)		Clinical Experience1 (Outpatient)		
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program (Ophthalmologist in charge)
17.00-17.50					

*The schedule of clinics that students are assigned will be announced during introductory session.

**During group study hours students will be presenting the previous day's lecture to each other respectively.

***Each lecture contains a 10 minutes student presentation about a given subject related to lecture. The subjects will be announced during introductory session.

OTORHINOLARYNGOLOGY & HEAD AND NECK SURGERY TRAINING PROGRAM (3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Otorhinolaryngology: İlhan Topaloğlu, MD Prof.

Müzeyyen Doğan, MD Prof.

Zeynep Alkan, MD Prof

Mehmet İlhan Şahin, MD Assoc. Prof

Ziya Bozkurt, MD specialist

Ömer Faruk Birkent (Audiologist), MSc

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>	
KNOWLEDGE	K.1. describe external, middle and inner ear diseases
	K.2. explain tinnitus, hearing loss and balance problems
	K.3. explain anatomy and physiology of larynx and ear
	K.4. distinguish between benign and malign tumors at basic level in oropharyngeal diseases
	K.5. distinguish between benign and malign tumors at basic level in nasopharyngeal diseases
	K.6. describe diagnosis and medical treatment of paranasal sinus diseases
	K.7. explain interventions to otorhinolaryngological emergencies
	K.8. describe diseases related to adenoid and tonsillary tissue
	K.9. describe diagnosis and treatment of salivary gland diseases
	K.10. explain assessment of laryngeal diseases at basic level
	K.11. distinguish between benign and malign laryngeal diseases
	K.12. explain basics of deep neck infections
	K.13. explain basics of maxillofacial traumas
	K.14. outline basics of facial paralysis
	K.15. describe interpretation of audiological and early screening tests at basic level
	K.16. outline diseases related to neck mass
	K.17. describe basics and medical treatment of laryngopharyngeal reflux

	K.18. describe sleep apnea and snoring problem and surgical treatment of those diseases
	K.19. describe lymph nodes pathologies
	K.20. tell surgical techniques of incision in tracheostomy, tracheotomy, coniotomy
	K.21. describe voice and speech disorders and treatments of those diseases
	K.22. tell basics of head-neck tumors
SKILLS	S.1. make otorhinolaryngological examination
	S.2. use laryngoscope and otoscope
	S.3. design medical treatments in ear, nose and throat infections
	S.4. prepare nasal packages,
ATTITUDES	A.1. be aware of importance of emergency cases and congenital malformations related to otorhinolaryngology and to refer the cases in appropriate condition
	A.2 participate effectively with colleagues, teaching staff and other members of the healthcare team

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	50%
Extended Matching Questions	25%
Key Features	10%
Short Response Essay Questions	15%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Structured Practical Exam	25%
Total	25%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	75%
Other Assessments Methods and Tools	25%
Total	100 %

1ST WEEK

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Introductory Session (Introduction to ENT) <i>İlhan Topaloğlu</i>	Lecture <i>Acute Otitis Media</i> <i>İlhan Topaloğlu</i>	Lecture <i>Hearing Loss</i> <i>Müzeyyen Doğan</i>	Lecture <i>Vertigo</i> <i>Mehmet İlhan Şahin</i>	Lecture <i>Diseases of the Oral Cavity</i> <i>Mehmet İlhan Şahin</i>
10.00 -10.50	Lecture <i>Anatomy and Physiology of the Ear</i> <i>Müzeyyen Doğan</i>	Lecture <i>Chronic Otitis Media</i> <i>İlhan Topaloğlu</i>	Lecture <i>Hearing Loss</i> <i>Müzeyyen Doğan</i>	Lecture <i>Tinnitus</i> <i>Mehmet İlhan Şahin</i>	Lecture <i>Diseases of the Oropharynx</i> <i>Mehmet İlhan Şahin</i>
11.00 -11.50	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>
12.00 -12.50	Luch	Luch	Luch	Luch	Luch
13.00 -13.50	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>
14.00 -14.50	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>İlhan Topaloğlu</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>
15:00 17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

2nd WEEK

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Lecture <i>Rhinitis and Sinusitis</i> <i>Mehmet İlhan Şahin</i>	Lecture <i>Salivary Gland Diseases</i> <i>Zeynep Alkan</i>	Lecture <i>Anatomy and Physiology of the Larynx</i> <i>Müzeyyen Doğan</i>	Lecture <i>Essential audiology and Newborn hearing screen</i> <i>Ömer Faruk Birkent</i>	Lecture <i>Lymph Nodes Pathologies and Neck Masses</i> <i>Zeynep Alkan</i>
10.00-10.50	Lecture <i>Rhinitis and Sinusitis</i> <i>Mehmet İlhan Şahin</i>	Lecture <i>Sleep Apnea, Snoring and their Treatments</i> <i>İlhan Topaloğlu</i>	Lecture <i>Malignant Tumors of the Larynx</i> <i>Müzeyyen Doğan</i>	Lecture <i>Essential audiology and Newborn hearing screen</i> <i>Ömer Faruk Birkent</i>	Lecture <i>Lymph Nodes Pathologies and Neck Masses</i> <i>Zeynep Alkan</i>
11.00 -11.50	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>
12.00 -12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00 -13.50	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>
14.00 -14.50	Clinical Experience (Outpatient) <i>Mehmet İlhan Şahin</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Ömer Faruk Birkent</i>	Clinical Experience (Outpatient) <i>Zeynep Alkan</i>
15.00 -17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

3rd WEEK

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Lecture <i>Ent Emergencies</i> <i>Ziya Bozkurt</i>	Lecture Maxillofacial Trauma <i>Ziya Bozkurt</i>	Lecture Congenital Laryngeal and Voice Disorders <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Assessment Session (Written Exam)
10.00-10.50	Lecture <i>Ent Emergencies</i> <i>Ziya Bozkurt</i>	Lecture Deep Neck Infections <i>Ziya Bozkurt</i>	Lecture <i>Congenital Laryngeal and Voice Disorders</i> <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Assessment Session (Practical Exam)
11.00-11.50	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Program Evaluation Session <i>Review of the Exam Questions</i> <i>Evaluation of the Program</i> <i>Müzeyyen Doğan</i>
14.00-14.50	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Ziya Bozkurt</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	Clinical Experience (Outpatient) <i>Müzeyyen Doğan</i>	
15.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

DERMATOLOGY TRAINING PROGRAM

(3 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Dermatology: M. Oktay Taşkapan, MD Prof.
 Özlem Akın, MD Assist. Prof.
 Asuman Cömert Erkinç, MD Assoc. Prof.

CLERKSHIP	DERMATOLOGY <i>Aim of this clerkship is to;</i>
AIM	1. to equip students with necessary knowledge, skills and attitudes required for diagnosis, treatment and prevention of frequently observed dermatologic and sexually transmitted diseases
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. evaluate patient and dermatovenereological examination methods
	2. explain diagnosis and differential diagnosis of common dermatologic diseases
	3. tell basic diagnostic methods (search of fungal infection with KOH, wood light)
	4. state dermatologic emergencies and to choose patients who should be sent to a specialist
	5. explain 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
	9. interpret clinical and laboratory data
	10. manage common dermatological disorders and emergency cases
ATTITUDES	11. value identification of elementary lesions successfully
	12. give importance to differentiate dermatologic lesions which are related to systemic diseases and send patient to a dermatologist

NCC 2014 – Essential Medical Procedures (Dermatology)	Performance Level
General and symptom-based history taking	1
Skin examination	3
Writing prescription	3

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)
Multiple Choice Questions	25%
Extended Matching Questions	3%
Essay Questions	32%
Short Response Essay Questions	20%
Total	80%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Student's Seminar (Without Checklist)	20%
Total	20%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	80%
Other Assessments Methods and Tools	20%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Introductory Session (Introduction to PMR) <i>Oktay Taskapan</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Independent Learning	Lecture Precancerous skin disorders <i>Asuman Cömert Erkilingç</i>
10.00- 10.50	Lecture Basic Structure & function of the skin and cutaneous signs <i>Oktay Taskapan</i>				Lecture Non-melanoma skin cancers <i>Asuman Cömert Erkilingç</i>
11.00- 11.50	Lecture Principles of dermatologic diagnosis <i>Oktay Taskapan</i>				Lecture Behçet's syndrome <i>Asuman Cömert Erkilingç</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Lecture Bacterial skin infections <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Lecture Contact dermatitis <i>Oktay Taskapan</i>
14.00- 14.50					Lecture Parasitic skin diseases <i>Özlem Akın</i>
15.00- 15.50			Lecture Urticaria and angioedema <i>Oktay Taskapan</i>		
16.00- 16.50					
17.00-17.50					

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday		
09.00- 09.50	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>	Lecture Alopecias <i>Asuman Cömert Erkiling</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>	Independent Learning	Lecture Papulosquamous skin disorders <i>Asuman Cömert Erkiling</i>		
10.00- 10.50							
11.00- 11.50		Lecture Acne vulgaris <i>Asuman Cömert Erkiling</i>					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch		
13.00- 13.50	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>	Lecture Viral skin diseases <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkiling</i> <i>Özlem Akın</i>		
14.00- 14.50							
15.00- 15.50						Lecture Fungal skin diseases <i>Özlem Akın</i>	
16.00- 16.50							
17.00-17.50							Lecture Chronic autoimmune blistering dermatoses <i>Özlem Akın</i>

Week 3

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Lecture Treatment modalities in dermatology <i>Asuman Cömert Erkilingç</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Seminars	Assessment Session
10.00- 10.50					
11.00- 11.50					
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Adverse cutaneous reactions to drugs <i>Oktay Taskapan</i>	Clinical experience (Outpatient) <i>Oktay Taskapan</i> <i>Asuman Cömert Erkilingç</i> <i>Özlem Akın</i>	Lecture Melanocytic naevi and neoplasms <i>Özlem Akın</i>	Seminars	
14.00- 14.50					
15.00- 15.50	Lecture Connective tissue diseases <i>Oktay Taskapan</i>		Lecture Cutaneous tuberculosis and leprosy <i>Özlem Akın</i>		
16.00- 16.50					
17.00-17.50					

PHYSICAL MEDICINE AND REHABILITATION TRAINING PROGRAM

(2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department: Turhan Özler, MD Prof.

Kübra Neslihan KURT OKTAY, MD, Assist. Prof.
Sanem Aslıhan AYKAN, MD, Assist. Prof.

UNIVERSITY OF HEALTH SCIENCES, FATİH SULTAN MEHMET TRAINING AND RESEARCH HOSPITAL

Head of the Department: İlknur Aktaş, MD
Prof.

Lecturer: Feyza Akan Begoğlu, MD

CLERKSHIP	PHYSICAL MEDICINE and REHABILITATION <i>Aim of this clerkship is to;</i>
AIM	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.
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. explain etiopathogenesis of degenerative joint diseases
	2. describe general treatment approaches of degenerative joint diseases
	3. explain etiopathogenesis of inflammatory joint diseases
	4. describe general treatment approaches of inflammatory joint diseases
	5. explain etiopathogenesis of osteoporosis and metabolic bone disease, osteoporosis risk factors, prevention and treatment of osteoporosis
	6. explain pathophysiology of pain, pain assessment, and medical treatment or physiotherapy of different types of pain
	7. describe approach to patients with physical disabilities
	8. classify etiology and principles of general rehabilitation of stroke and other neurologic disorders
	9. distinguish early and late period complications of spinal cord injuries
	10. describe treatment of early and late complications of spinal cord injuries

	11. evaluate radiology of spine and joints in musculoskeletal system diseases
	12. describe physical therapy agents used in rehabilitation and their indications and contraindications
	13. describe symptoms and signs of peripheral nerve injuries, polyneuropathies
	14. explain rehabilitation principles of peripheral nerve injuries and treatment approaches
SKILLS	15. perform relevant history taking from patient with musculoskeletal system disorder
	16. perform musculoskeletal system and neurologic examination
	17. examine muscle strength and spasticity
	18. execute detailed neurologic examination in patients with stroke and spinal cord injury.
	19. troubleshoot patient immobilization regarding complications
	20. provide correct bed position
	21. follow decubitus
ATTITUDES	22. support conservative treatments and preventions in patients with musculoskeletal system disease
	23. participate good relationship with patients and patient's companions
	24. be aware of importance of quality of life

NCC 2014 – Essential Medical Procedures (Physical Medicine and Rehabilitation)	Performance Level
Musculoskeletal system examination	1

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100 %
Total	100 %
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	50 %
Total	50 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50 %
Other Assessments Methods and Tools	50 %
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00 - 09.50	Introductory Session (Introduction to PMR) (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Neurologic Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Inflammatory Joint Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Therapeutic Exercises (FSM) <i>S.A. Aykan</i>	Ward Round Inpatient (FSM)
10.00 -10.50	Lecture Musculoskeletal (Locomotor) System Symptoms and Signs, (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Neurologic Diseases (FSM) <i>F. Akan Begoglu</i>	Lecture Spondyloarthropathies (FSM) <i>F. Akan Begoglu</i>	Lecture Pain Pathophysiology, Classification and Treatment (YU) <i>S. A. Aykan</i>	Ward Round Inpatient (FSM)
11.00 - 11.50	Lecture Musculoskeletal (Locomotor) System Examination (FSM) <i>F. Akan Begoglu</i>	Lecture Rehabilitation of Diseases of Spine and Spinal Cord (FSM) <i>F. Akan Begoglu</i>	Lecture Spondyloarthropathies (FSM) <i>F. Akan Begoglu</i>	Lecture Drug Use in Musculoskeletal System Disorders (YU) <i>S.A.Aykan</i>	Ward Round PTU (Physical Therapy Unit) (FSM)
12.00 - 14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00 - 14.50	Lecture Diagnosis and Treatment of Cervical and Upper Extremity Pain (YU) <i>K.N.Kurt Oktay</i>	Lecture Radiologic Evaluation of Musculoskeletal Disorders (YU) <i>S.A Aykan</i>	Lecture Degenerative Arthritis (YU) <i>K.N. Kurt Oktay</i>	Lecture Peripheral Nerve Diseases (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A.Aykan</i>
15.00 – 15.50	Lecture Differential Diagnosis and Treatment of Low back and Lower Extremity Pain (YU) <i>K.N. Kurt Oktay</i>	Lecture Physical Agents, Orthotic and Prosthetic Use in Rehabilitation (YU) <i>S.A Aykan</i>	Lecture Osteoporosis and Metabolic Diseases (YU) <i>K.N. Kurt Oktay</i>	Lecture Peripheral Nerve Diseases (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A.Aykan</i>
16.00 - 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00 - 09.50	Practical Education Neurological Examination of Patients With Spinal cord Injury (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM)	Ward Round (FSM)	Ward Round (FSM)	Assessment Session (YU)
10.00 -10.50	Practical Education Neurological Examination of Patients With Hemiplegia (FSM) <i>F. Akan Begoglu</i>	Ward Round (FSM)	Ward Round (FSM)	Ward Round (FSM)	
11.00 - 11.50	Practical Education Gait abnormalities and orthosis (Hemiplegia, Cerebral Palsy etc..) (FSM) <i>F. Akan Begoglu</i>	Clinical Experience (Outpatient) (FSM)	Clinical Experience (Outpatient) (FSM)	Clinical Experience (Outpatient) (FSM)	
12.00 - 14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00 - 14.50	Clinical Experience (Outpatient) (FSM)	Practical Education Physical Examination of Upper and Lower Extremity (YU) <i>K.N.Kurt Oktay</i>	Practical Education Therapeutic Exercises (YU) <i>S.A. Aykan</i>	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program (YU)
15.00 – 15.50	Clinical Experience (Outpatient) (FSM)	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	Clinical Experience (Outpatient) (YU) <i>S.A Aykan</i>	Clinical Experience (Outpatient) (YU) <i>K.N. Kurt Oktay</i>	
16.00 - 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

YU: Yeditepe University, Koşuyolu and Kozyatağı Hospital

FSM: Fatih Sultan Mehmet Training And Research Hospital

PTU: Physical Therapy Unit

RADIOLOGY TRAINING PROGRAM
(2 weeks)
YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Radiology: Neslihan Taşdelen, MD Prof.
 Gazanfer Ekinci, MD Prof.
 O. Melih Topçuoğlu, MD Assoc. Prof.
 Özgür Sarıca, MD Assoc. Prof.
 Filiz Çelebi, MD Assoc. Prof.
 Ayşegül Görmez, MD Assist. Prof.

CLERKSHIP	RADIOLOGY <i>Aim of this clerkship is to;</i>
AIM	<ol style="list-style-type: none"> 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
LEARNING OBJECTIVES <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 (direct roentgenogram, ultrasound, computed tomography, magnetic resonance imaging)
	2. recognize unwanted effects of X-ray radiation
	3. explain ways of protection
SKILLS	4. choose optimal radiological modality in most commonly encountered pathologies in neurological, abdominal, thoracic, musculoskeletal conditions
	5. choose optimal radiological modality in most commonly encountered breast diseases
	6. choose optimal radiological modality in most commonly encountered vascular diseases
	7. identify basic emergency conditions on extremity, lung, spinal radiographs
ATTITUDES	8. continue to inform responsible clinician about the radiological findings

NCC 2014 – Essential Medical Procedures (Radiology)	Performance Level
Reading and assessing direct radiographs (Gastrointestinal and Hepatobiliary Imaging Imaging of Musculoskeletal System PA Chest Radiography Imaging of Head & Neck Genitourinary Imaging Spinal Imaging, Cardiac Imaging)	2
Interpretation of screening and diagnostic imaging results (Neuroradiology Imaging of Musculoskeletal System Chest Imaging Breast Imaging Genitourinary Imaging Spinal Imaging Vascular Interventions Nonvascular Interventions Cardiac Imaging Imaging of Head & Neck Vascular Imaging)	2

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Desicion)
Multiple Choice Questions	50%
Extended Matching Questions	5%
Key Features	20%
Short Response Essay Questions	25%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Oral Exam (OE)	90%
Evaluation of Case Presentation (Without Checklist)	5%
Evaluation of Student's Seminar (Without Checklist)	5%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Introductory Session (Introduction to Radiology) <i>Neslihan Taşdelen</i>	Lecture Neuroradiology <i>Gazanfer Ekinci</i>	Lecture Gastrointestinal and Hepatobiliary Imaging <i>Ayşegül Görmez</i>	Lecture Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	Lecture PA Chest Radiography <i>Filiz Çelebi</i>
10.00- 10.50	Lecture Radiation Physics <i>Neslihan Taşdelen</i>	Lecture Neuroradiology <i>Gazanfer Ekinci</i>	Lecture Gastrointestinal and Hepatobiliary Imaging <i>Ayşegül Görmez</i>	Lecture Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	Lecture Chest Imaging <i>Filiz Çelebi</i>
11.00- 11.50	Lecture X-Ray Safety and Protection <i>Neslihan Taşdelen</i>	Lecture Spinal Imaging <i>Gazanfer Ekinci</i>	Lecture Cardiac Imaging <i>Ayşegül Görmez</i>	Lecture Imaging of Musculoskeletal System <i>Neslihan Taşdelen</i>	Lecture Chest Imaging <i>Filiz Çelebi</i>
12.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.30	Introduction of Radiology Department	Clinical experience (Outpatient)	Clinical experience (Outpatient)	Clinical experience (Outpatient)	Clinical experience (Outpatient)
14.30-15.30	Clinical Skills Training Advanced MRI and CT Techniques and Postprocessing <i>Zeynep Fırat</i>	<i>Gazanfer Ekinci</i>	<i>Ayşegül Görmez</i>	<i>Neslihan Taşdelen</i>	<i>Filiz Çelebi,</i>
16.00- 17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2					
	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Lecture Breast Imaging <i>Özgür Sarıca</i>	Lecture Vascular Imaging <i>Melih Topçuoğlu</i>	Discussion / Journal Club (Large Group) <i>Melih Topçuoğlu / Filiz Çelebi/Ayşegül Görmez /</i>	Assessment Session (Oral examination)	Assessment Session (Written examination)
10.00- 10.50	Lecture Breast Imaging <i>Özgür Sarıca</i>	Lecture Vascular Interventions <i>Melih Topçuoğlu</i>			
11.00- 11.50	Lecture Genitourinary Imaging <i>Özgür Sarıca</i>	Lecture Imaging of Head & Neck <i>Melih Topçuoğlu</i>			
12.00- 13.50	Lunch	Lunch	Lunch	Lunch	Lunch
14.00- 15.50	Clinical experience (Outpatient)	<i>Melih Topçuoğlu</i>	Case-Based General Review Lecture <i>Melih Topçuoğlu / Filiz Çelebi/ Ayşegül Görmez/</i>	Independent Learning	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program <i>Özgür Sarıca</i>
	<i>Özgür Sarıca</i>				
16.00- 17.50	Independent Learning	Independent Learning	Independent Learning		

NUCLEAR MEDICINE TRAINING PROGRAM

(1 week)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Radiology: Nalan Alan Selçuk, MD Prof.
Emine Biray Caner, MD Prof.
Emre Demirci, MD.
Türkey Toklu, Ph.D.

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
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. list common indications for PET/CT and describe patient preparation of FDG PET/CT
	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 basic scintigraphy reading techniques
SKILLS	7. demonstrate the ability to identify and perform patient preparation requirements for specific diagnostic and therapeutic studies
	8. demonstrate knowledge of radiopharmaceuticals, their characteristics, and biodistribution that are used for specific nuclear medicine procedures
	9. differentiate normal and basic pathological findings on common scintigraphy and PET images
	10. demonstrate knowledge of personal radiation safety

ASSESSMENT TABLE

This table shows question types and assessment methods/tools used in Training Program.

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	60%
Essay Questions	10%
Modified Essay Questions	10%
Short Response Essay Questions	20%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Structured Oral Exam (SOE)	30%
Direct Observation of Procedural Skills (DOPS)	15%
Evaluation of Case Presentation (With Checklist)	20%
Evaluation of Preparation Skills of Patient's File (With Checklist)	15%
Global Evaluation of Student's Performance (With Checklist)	20%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	70%
Other Assessments Methods and Tools	30%
Total	100%

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00- 09.50	Introductory Session (Introduction to NM) <i>Nalan Alan Selçuk</i>	Lecture NM In Hyperthyroidism <i>Emre Demirci</i>	Lecture Introduction to PET Imaging <i>Biray Caner</i>	Lecture Radionuclide Therapy -1 <i>Nalan Alan Selçuk</i>	Theoretical Examination
10.00- 10.50	Lecture Basic Radiation Physics and Radiation Detectors in NM <i>Türkay Toklu</i>	Lecture Renal Scintigraphy <i>Emre Demirci</i>	Lecture FDG-PET in Cancer - 1 <i>Biray Caner</i>	Lecture Radionuclide Therapy -2 <i>Nalan Alan Selçuk</i>	
11.00- 11.50	Lecture Introduction to NM <i>Türkay Toklu</i>	Lecture Lung Perfusion and Ventilation Scintigraphy (V/Q Scan) <i>Emre Demirci</i>	Lecture FDG-PET in Cancer - 2 <i>Biray Caner</i>	Lecture NM In Thyroid Cancer <i>Nalan Alan Selçuk</i>	
12.00- 12.50	Lunch				
13.00- 13.50	Lecture Imaging Techniques in NM <i>Türkay Toklu / Hüseyin Adıgüzel</i>	Lecture Non-FDG PET Tracers <i>Emre Demirci</i>	Clinical Experience PET Imaging <i>Biray Caner</i>	Lecture Myocardial Perfusion Scan and Cardiological PET Applications <i>Nalan Alan Selçuk</i>	Assessment Session Program Evaluation Session Review of the Exam Questions Evaluation of the Program <i>Nalan Alan Selçuk</i>
14.00- 14.50	Laboratory Radiopharmaceuticals, Gamma Camera, PET/CT, Thyroid Uptake System <i>Alper Güler / Hüseyin Adıgüzel</i>	Lecture Bone Scintigraphy and Other Tumor Agents <i>Emre Demirci</i>	Clinical Experience PET Imaging <i>Biray Caner</i>		
15.00- 15.50		Lecture Other Conventional NM Applications <i>Emre Demirci</i>	Clinical Experience PET Imaging <i>Biray Caner</i>	Lecture Brain Imaging and Neurological PET Application <i>Nalan Alan Selçuk</i>	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

RADIATION ONCOLOGY TRAINING PROGRAM

(1 week)

DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Gökhan Yaprak, MD. (Course Coordinator)

Beyhan Ceylaner Bıçakcı, MD.

Hüseyin Tepetam, MD

Şule Gül Karabulut, MD. Assist.Prof

Duygu Gedik, MD.

Özlem Yetmen Doğan, MD

Hazan Özyurt Bayraktar MD

Ayfer Ay Eren MD

Uğur Yılmaz MD

Sevim Özdemir MD

Fatih Demircioğlu MD

CLERKSHIP	RADIATION ONCOLOGY <i>Aim of this clerkship is to;</i>
AIM	
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. explain the basic oncological terminology
	2. describe the stages of common cancers
	3. describe the management of common cancers
	4. list the steps of radiotherapy planning from treatment decision to radiation delivery
	5. list the common site-specific and general side effects of radiotherapy
	6. explain the basic rationale of radiophysics
	7. explain the basic rationale of radiobiology
	8. identify the oncological emergencies
SKILLS	9. obtain an appropriate history of patients and families as necessary
	10. perform proper physical examination in oncology patients considering special features related to diagnosis
	11. interpret laboratory, pathological and radiological data
	12. manage oncological emergency cases
	13. use written and online sources correctly and efficiently to access evidence-based information
ATTITUDES	14. respect and understand of the roles, responsibilities and relationship of primary care and specialty care providers
	15. demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff
	16. show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
	17. communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team

ASSESSMENT TABLE

This table shows question types and assessment methods/tools used in Training Program.

Questions Types (Pencil-PaperTests)	Proportion (in Pencil-PaperTests)
Multiple Choice Questions	100%
Total	100%
Other Assessment Methods and Tools	Proportion (in Other Assessment Methods and Tools)
Total	-
Pass / Fail Decision	Proportion (in Pass / Fail Decision)
Pencil-PaperTests	100%
Other Assessments Methods and Tools	-
Total	100%

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:50	Independent Learning	Student Group Study	Student Group Study	Student Group Study	Student Group Study
11:00-12:00	Independent Learning	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)	Clinical Experience (Outpatient)
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:30	Introductory Session Introduction and Radiation Oncology Terminology Gökhan Yaprak	Lecture Soft-Tissue Sarcoma <i>Duygu Gedik</i>	Lecture Head and Neck Cancers <i>Beyhan Ceylaner Bıçakcı</i>	Clinical Experience (Outpatient)	Assessment Session Written Exam Gökhan Yaprak
13:30-14:00	Lecture Radiation Physics <i>Hüseyin Tepetam</i>	Lecture Gastrointestinal Cancers Sevim Özdemir	Lecture Thoracic And Breast Cancers <i>Şule Karabulut Gül</i>	Lecture Gynecologic Cancers <i>Özlem Yetmen Doğan</i>	Program Evaluation Session Review of the Exam Questions Evaluation of the Program Gökhan Yaprak
14:00-14:30	Lecture Radiotherapy Methods And Devices <i>Hüseyin Tepetam</i>	Lecture Lymphomas <i>Hazan Özyurt Bayraktar</i>	Lecture Urinary System Cancers <i>Ayfer Ay Eren</i>	Lecture Radiotherapy Side effect <i>Şule Karabulut Gül</i>	Independent Learning
15:00-15:30	Lecture Radiation Biology <i>Uğur Yılmaz</i>	Lecture Brain Tumors <i>Fatih Demircioğlu</i>	Lecture Pediatric Tumors <i>Uğur Yılmaz</i>	Clinical Experience (Outpatient)	
15:30-16:00	Lecture Radiation Emergencies Gökhan Yaprak	Lecture Brain Tumors Fatih Demircioğlu	Lecture Pediatric Tumors <i>Uğur Yılmaz</i>	Clinical Experience (Outpatient)	Independent Learning

ANESTHESIOLOGY AND REANIMATION TRAINING PROGRAM

(Lecture: 4 days + Practice: 5 days + Exam: 1 day)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Anesthesiology: Özge Köner, MD Prof.
Sibel Temür, MD Prof.
Hatice Türe, MD Prof.
Ferdî Menda, MD Prof.
Tuğhan Utku MD Prof.

CLERKSHIP	ANESTHESIOLOGY AND REANIMATION <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on anesthesia and anesthesia methods, anesthetic agents. 2. equip students with skills and attitudes required to manage patients in intensive care unit.
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. Define anesthesia and know anesthetic agents.
	2. Know Basic and advanced cardio-pulmonary resuscitation,
	3. Know to evaluate fluid-electrolyte balance, fluid resuscitation,
	4. Define and recognize acid-base disturbances and their treatment,
	5. Describe hypothermia, hyperthermia during anesthesia and the management,
	6. Know basic mechanical ventilation principles and positive pressure ventilation,
	7. Define pain, its types and specific treatment,
	8. Define shock, recognize its types and the management,
	9. Define brain death and its diagnosis,
	10. Know intensive care unit admission criteria,
	11. Recognize anaphylaxis, know the treatment,
	12. Recognize hypoxia, reasons leading to hypoxemia and treatment.
SKILLS	13. Manage airway (face mask ventilation, airway insertion),
	14. Perform basic and advanced cardio-pulmonary resuscitation,
	15. Practice and analyze hemodynamic monitorization,
	16. Perform pre-anesthetic patient evaluation.
ATTITUDES	17. Be prepared for basic and advanced cardio-pulmonary,
	18. Follow clinical reflections of anesthetic agents,
	19. Analyze the patients and situations requiring intensive care unit,
	20. Hold confidentiality of patients.
COMPETENCIES	21. Practice basic and advanced cardio-pulmonary resuscitation.

NCC 2014 – Essential Medical Procedures (Anesthesiology and Reanimation)	Performance Level
Preparing medicines appropriately	4
Providing basic life support	3
Providing advanced life support	3
Giving recovery position to patient	4
Removal of foreign body with appropriate maneuver	4
Performing IM, IV enjection	4
Providing oxygen and nebule-inhaler treatment	4
Application and assessment of pulse-oxymeter	4
Intubation	3
Starting IV line	4
"Airway" application	4
General condition and vital signs assessment	4
Respiratory system examination	3
Cardiovascular system examination	3

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	60%
Extended Matching Questions	20%
Key Features	20%
Total	100 %
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Structured Oral Exam (SOE)	80%
Portfolio Evaluation	20%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessments Methods and Tools	50%
Total	100 %

ANESTHESIOLOGY and REANIMATION Theoretical Program

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
10.00-10.50	Introductory Session (Introduction to Anesthesia) <i>Özge Köner</i>	Lecture Sepsis <i>Sibel Temür</i>	Lecture Shock <i>Tuğhan Utku</i>	Lecture Acute Respiratory Insufficiency <i>Hatice Türe</i>	CLINICAL PRACTICE OPERATING ROOM AND INTENSIVE CARE UNIT (ICU)
11.00 –12.00	Lecture Introduction to General Anesthesia <i>Özge Köner</i>	Lecture Fluid-Electrolyte Balance <i>Özge Köner</i>	Independent Learning	Lecture Mechanical Ventilation <i>Tuğhan Utku</i>	
12.00-14.00	Lunch	Lunch	Lunch	Lunch	Lunch
14.00-14.50	Lecture Acid-Base Disorders and Arterial Blood Gas Evaluation-I <i>Özge Köner</i>	Lecture CPR-Basic Life Support <i>Sibel Temür</i>	Lecture Anaphylaxis <i>Ferdi Menda</i>	Lecture Coma / Brain Death <i>Tuğhan Utku</i>	CLINICAL PRACTICE OPERATING ROOM AND INTENSIVE CARE UNIT (ICU)
15.00-15.50	Lecture Acid-Base Disorders and Arterial Blood Gas Evaluation-II <i>Özge Köner</i>	Lecture CPR-Advanced Life Support <i>Sibel Temür</i>	Lecture Pain <i>Ferdi Menda</i>	Lecture Thermoregulation <i>Hatice Türe</i>	
16.00- 17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Clinical Practice in the ICU and Operating Theatre
Week 2**

	Monday	Tuesday	Wednesday	Thursday	Friday
08:30-13:00	CLINICAL PRACTICE OPERATING ROOM AND INTENSIVE CARE UNIT (ICU)				Independent Learning
13:00-14:00	LUNCH BREAK				Independent Learning
14:00-16:00	CLINICAL PRACTICE OPERATING ROOM AND INTENSIVE CARE UNIT (ICU)				Assessment Session 14.00 – 15.30
					Program Evaluation Session Evaluation of the Program <i>Özge KÖNER</i> <i>Sibel TEMÜR</i>

Week 2 Schedule

Students	Friday	Monday	Tuesday	Wednesday	Thursday	Friday
KOZYATAĞI						
1	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	Assessment Session Practice Examination 6-7 students 14:00-15:30
2	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	
3	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	
4	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	
5	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	
6	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	Program Evaluation Session Evaluation of the Program Özge KÖNER Sibel TEMÜR
7	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	
KOŞUYOLU						
1	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	Assessment Session Practice Examination 6-7 students 14:00-15:30
2	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	
3	Operating Room	Intensive Care Unit	Intensive Care Unit	Operating Room	Operating Room	
4	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	
5	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	
6	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	Program Evaluation Session Evaluation of the Program Özge KÖNER Sibel TEMÜR
7	Intensive Care Unit	Operating Room	Operating Room	Intensive Care Unit	Intensive Care Unit	

UROLOGY TRAINING PROGRAM

(2 weeks)

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Urology: Faruk Yencilek, MD Prof

İlter ALKAN MD Assoc. Prof.

Mustafa YÜKSEL MD Assist. 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
LEARNING OBJECTIVES <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

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (<i>in Pencil-Paper Tests</i>)
Multiple Choice Questions	90%
Extended Matching Questions	10%
Total	100 %
Pass/Fail Decision	Proportion (<i>in Pass/Fail Decision</i>)
Pencil-Paper Tests	100%
Total	100 %

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00	Introductory Session Introduction to Urology <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>
9:00-12:00	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Surgical) <i>Faruk Yencilek</i>	Clinical Experience (Surgical) <i>Faruk Yencilek</i>
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-16:00	Lecture Urolithiasis Etiology and Pathophysiology <i>Faruk Yencilek</i>	Lecture Urolithiasis Diagnosis and Treatment <i>Faruk Yencilek</i>	Lecture Urological Emergency <i>Faruk Yencilek</i>	Lecture Benign Prostatic Hyperplasia <i>Faruk Yencilek</i>	Lecture Benign Prostatic Hyperplasia <i>Faruk Yencilek</i>
16:00-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Case Presentation (student) <i>Faruk Yencilek</i>	Assessment Session
9:00-12:00	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Outpatient) <i>Faruk Yencilek</i>	Clinical Experience (Surgical) <i>Faruk Yencilek</i>	
12:00-13:00	Lunch	Lunch	Lunch	Lunch	
13:00-16:00	Lecture Testis Cancer <i>Faruk Yencilek</i>	Lecture Bladder Cancer <i>Faruk Yencilek</i>	Lecture Prostate Cancer <i>Faruk Yencilek</i>	Lecture Kidney Cancer <i>Faruk Yencilek</i>	
16:00-17:00	Independent Learning	Independent Learning	Interactive Laboratory and Radiological Examination Discussions <i>Faruk Yencilek</i>	Interactive Laboratory and Radiological Examination Discussions <i>Faruk Yencilek</i>	Program Evaluation Session Review of the Exam Questions Evaluation of the program <i>Faruk Yencilek</i>

**INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY
TRAINING PROGRAM
(2 weeks)**

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Infectious Diseases: Meral Sönmezoğlu, MD. Prof.
Aynur Eren Topkaya, MD. Prof.

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

Serpil Erol, MD Prof

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.
LEARNING OBJECTIVES <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. solve 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
	6. perform nonspecific tests used in diagnosis of infectious diseases (white blood cell counting, blood smear examination, urine sample microscopy, etc.)
	7. examine patient samples microbiologically (for presence of bacteria, parasites, blood cells, etc.)
ATTITUDES	8. prescribe treatment of patients
	9. obey confidentiality of patients

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Desicion)
Multiple Choice Questions	60%
Extended Matching Questions	20%
Key Features	20%
Total	100 %
Other Assessment Methods and Tools	Proportion (inOther Assessments Methods and Tools)
Structured Oral Exam (SOE)	85%
Evaluation of Case Presentation (Without Checklist)	5%
Evaluation of Preparation Skills of Patient's File (Without Checklist)	5%
Global Evaluation of Student's Performance (Without Checklist)	5%
Total	100 %
Pass/Fail Decision	Proportion (inPass/Fail Decision)
Pencil-Paper Tests	60%
Other Assessments Methods and Tools	40%
Total	100%

Week I

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Clinical Experience (Outpatient) <i>Serpil Erol</i> Clinical Experience (Inpatient) <i>Serpil Erol</i>	Clinical Experience (Outpatient) <i>Serpil Erol</i> Clinical Experience (Inpatient) <i>Serpil Erol</i>	Laboratory Experience <i>Microbiology Instructors (Group I)</i> Clinical Experience (Inpatient) <i>Serpil Erol (Rest of the Group)</i>	Laboratory Experience <i>Microbiology Instructors(Group II)</i> Clinical Experience (Inpatient) <i>Serpil Erol (Rest of the Group)</i>	Laboratory Experience <i>Microbiology Instructors(GroupIII)</i> Clinical Experience (Inpatient) <i>Serpil Erol (Rest of the Group)</i>
10.00-10.50					
11.00-11.50					
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Introductory Session (Introduction to Idcm) <i>Meral Sönmezoğlu</i>	Lecture Antibiotics and Rational Use of Antibiotics <i>Lecturer</i>	Lecture Specimen Selection, Collection and Processing in Clinical Microbiology Tests <i>Lecturer</i>	Lecture Sepsis <i>Meral Sönmezoğlu</i>	Lecture Crimean Congo Hemorrhagic Fever <i>Lecturer</i>
14.00-14.50	Lecture Central Nervous System Infections <i>Lecturer</i>	Lecture Gastrointestinal Tract Infections <i>Lecturer</i>	Lecture Direct and Indirect Test Methods in Clinical Microbiology <i>Lecturer</i>	Lecture Skin and Soft Tissue Infections <i>Lecturer</i>	Lecture Acute Viral Hepatitis <i>Meral Sönmezoğlu</i>
15.00-15.50	Lecture HIV Infection and AIDS <i>Lecturer</i>	Lecture Health Care Associated Infections <i>Lecturer</i>	Lecture Antimicrobial Resistance <i>Lecturer</i>	Lecture Infective Endocarditis <i>Meral Sönmezoğlu</i>	Lecture Sterilization, Disinfection and Antisepsis <i>Lecturer</i>
16.00-16.50	Lecture Brucellosis <i>Lecturer</i>	Lecture Fever of Unknown Origin <i>Lecturer</i>	Independent Learning	Independent Learning	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Laboratory Experience <i>Microbiology Instructors(Group IV)</i>	Clinical Experience (Outpatient) <i>Serpil Erol</i>	Clinical Experience (Outpatient) <i>Serpil Erol</i>	Clinical Experience (Outpatient) <i>Serpil Erol</i>	Assessment Session
10.00-10.50	Clinical Experience (Inpatient) <i>Serpil Erol (Rest of the Group)</i>	Clinical Experience (Inpatient) <i>Serpil Erol</i>	Clinical Experience (Inpatient) <i>Serpil Erol</i>	Clinical Experience (Inpatient) <i>Serpil Erol</i>	
11.00-11.50					
12.00-12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Lecture Upper Respiratory Tract Infections <i>Lecturer</i>	Lecture Urinary Tract Infections <i>Lecturer</i>	Lecture Viral Exanthems <i>Lecturer</i>	Case Presentations <i>Lecturer</i>	Program Evaluation Session Review of The Exam Questions, Evaluation of the Clerkship Program <i>Head of the Department</i>
14.00-14.50	Lecture Lower Respiratory Tract Infections <i>Lecturer</i>	Lecture Infections in Elderly <i>Lecturer</i>	Lecture Tuberculosis <i>Meral Sönmezoğlu</i>	Case Presentations <i>Lecturer</i>	
15.00-15.50	Lecture Immunization and Prophylaxis <i>Lecturer</i>	Lecture Infections in immunocompromised Patients <i>Lecturer</i>	Case Presentations <i>Lecturer</i>	Case Presentations <i>Lecturer</i>	
16.00-16.50	Lecture Parasitic Infections <i>Lecturer</i>	Independent Learning	Independent Learning	Independent Learning	
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

The lectures given by Prof. Dr. Meral Sönmezoğlu and Lecturer will be held in Yeditepe University Hospital, Kozyatağı or Koşuyolu .

PEDIATRIC SURGERY TRAINING PROGRAM

(2 weeks)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE PEDIATRIC SURGERY

Head of the Department of Pediatric Surgery: Şafak Karaçay, MD. Assoc. Prof.

&

SANCAKTEPE TRAINING HOSPITAL & T.C. SAĞLIK BAKANLIĞI BAŞAKŞEHİR ÇAM VE SAKURA
CITY HOSPITAL & T.C. SAĞLIK BAKANLIĞI SBÜ ŞİŞLİ HAMİDİYE ETEFAL TRAINING HOSPITAL

Head of the Department of Pediatric Surgery: Levent Elemen, MD Prof.

Sefa Sağ, MD Assist. Prof.

Kaan Maşrabacı, 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.

CLERKSHIP	PEDIATRIC SURGERY
AIM	<ol style="list-style-type: none">1. to equip students with necessary knowledge, skills and attitudes 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.2. to equip students with necessary knowledge, skills and attitudes To familiarize oneself with the pathophysiology of pediatric surgical conditions, and the response of a child to surgery and trauma.
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. describe common pediatric surgical and urological problems in the emergency department
	2. explain the causes of acute abdomen in children
	3. assess and compare hernias and common surgical problems of inguinal region
	4. explain causes of rectal bleeding in children
	5. list the common anorectal problems

	6. describe the approach to the constipated child
	7. list the causes of non-bilious and bilious vomiting in children
	8. list and describe the abdominal masses and solid tumors in childhood
	9. describe the common neonatal surgical conditions
	10. assess the general approach to trauma and the multiply injured child
	11. list the prenatal diagnosed disease related to the pediatric general and urological conditions
	12. list common pediatric urological conditions
	13. describe surgical aspects in urinary tract infections in childhood
	14. explain surgical fluid and electrolyte hemostasis
	15. describe congenital anomalies of genito-urinary tract
SKILLS	16. obtain an appropriate history of patients and families as necessary
	17. perform proper physical examination in newborns, infants and children considering special features related to age
	18. make an appropriate differential diagnosis
	19. perform basic clinical procedures and interventions
ATTITUDES	20. respect and understand of the roles, responsibilities and relationship of primary care and specialty care providers
	21. demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff
	22. show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
	23. communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team
	24. be aware of importance of emergency cases and congenital malformations related to the pediatric surgery and urology and to refer these cases in an appropriate condition

NCC 2014 – Essential Medical Procedures (Pediatric Surgery)	Performance Level
General and symptom-based history taking	1
Abdominal physical examination	4
Consciousness assessment and psychiatric examination	3
Child and newborn examination	1
Digital rectal examination	4
Respiratory system examination	1
Urological examination	1
Starting IV line	1
Hand washing	4
Urinary catheterization	1
Administration of enema	1
Nasogastric catheterization	3
Superficial suturing and removal of sutures	1
Providing medical service in extraordinary situations	1

Week 1

	Monday (Y)	Tuesday (SH)	Wednesday (SH)	Thursday (Y)	Friday (Y)
9:00-10:00	Introductory Session <i>Şafak Karaçay</i>	Clinical Experience (Inpatient) and Ward Round <i>Levent Elemen</i>	Clinical Experience (Inpatient) and Ward Round	General Case Study and Approach to pediatric Surgical and Urological Cases <i>Sefa SAĞ</i>	Independent Learning
10:15-11:00	Lecture Child and Surgery <i>Şafak Karaçay</i>		<i>Sefa SAĞ</i>		
11:15-12:00	Lecture Newborn as a Surgical Patient <i>Şafak Karaçay</i>		<i>Kaan Maşrabacı</i>		
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:15-14:00	Lecture Abdominal Wall Defects and Umbilical Pathologies <i>Şafak Karaçay</i>	Lecture Head and Neck Pathologies <i>Kaan Maşrabacı</i>	Lecture Acute Abdomen in Children <i>Kaan Maşrabacı</i>	Lecture Nonobstructive Pediatric Urological Pathologies <i>Kaan Maşrabacı</i>	Independent Learning
14:15- 15:00	Lecture Fetal Surgery <i>Şafak Karaçay</i>	Lecture Inguinal Pathologies of Children <i>Levent Elemen</i>	Lecture Surgical Pathologies of Lungs, Pleura and Diaphragm <i>Kaan Maşrabacı</i>	Lecture Trauma in Children <i>Levent Elemen</i>	
15:15- 16:00	Independent Learning	Lecture Scrotal Pathologies of Children <i>Levent Elemen</i>	Lecture Burns in Children <i>Levent Elemen</i>	Lecture Obstructive Pediatric Urological Pathologies <i>Kaan Maşrabacı</i>	

Week 2

	Monday (SH)	Tuesday (SH)	Wednesday (SH)	Thursday (SH)	Friday
9:00-10:00	Clinical Experience (Inpatient) and Ward Round <i>Sefa SAĞ</i>	Clinical Experience (Inpatient) and Ward Round <i>. Levent Elemen</i>	Clinical Experience (Inpatient) and Ward Round <i>Kaan Maşrabacı</i>	Clinical Experience (Inpatient) and Ward Round <i>Sefa SAĞ</i>	Assessment Session (YU)
10:15-11:00					
11:15-12:00					
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Program Evaluation Session Review of The Exam Questions, Evaluation of the Clerkship Program <i>Head of the Department</i>
13-15-14:00	Lecture GI Obstruction of Newborn <i>Levent Elemen</i>	Lecture Biliary Atresia and Obtr. Jaundice <i>Sefa SAĞ</i>	Lecture Hirschsprung's Disease and Constipation <i>Sefa SAĞ</i>	Independent Learning	Independent Learning
14:15- 15:00	Lecture GI Obstruction of Newborn <i>Levent Elemen</i>	Lecture Surgical GI Bleeding in Children <i>Sefa SAĞ</i>	Lecture Solid Tumors in Children <i>Sefa SAĞ</i>		
15:15- 16:00	Lecture Caustic Ingestions and Foreign Body Ingestions in Children <i>Sefa SAĞ</i>	Lecture Surgical GI Bleeding in Children <i>Sefa SAĞ</i>	Lecture Solid Tumors in Children <i>Sefa SAĞ</i>		

YUH: Yeditepe University Hospital

SH: Sancaktepe Training Hospital

MEDICAL GENETICS TRAINING PROGRAM

(1 week)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Medical Genetics: Ömer Faruk Bayrak, PhD. Prof.
Ayşegül Çınar Kuşkuçcu, MD. 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
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. identify the most likely mode of inheritance given a straightforward 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.

NCC 2014 – Essential Medical Procedures (Medical Genetics)	Performance Level
Making a family tree and referring the patient for genetic counseling when necessary	4

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	30%
Essay Questions	70%
Total	100%
Other Assessment Methods and Tools	Proportion (in Other Assessments Methods and Tools)
Objective Structured Clinical Exam (OSCE)	100%
Total	100%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	70%
Other Assessments Methods and Tools	30%
Total	100%

Week 1

	Monday	Tuesday	Wednesday	Thursday	
09.00- 09.50	Introductory Session (Introduction to Clinical Genetics) <i>Ayşegül Kuşkucu</i>	Lecture Approach to the Patient With Dysmorphic Features <i>Ayşegül Kuşkucu</i>	Lecture Genetic Counseling <i>Ayşegül Kuşkucu</i>	Independent Learning	Independent Learning
10.00- 10.50	Lecture What Can We Learn From a Family History? <i>Ayşegül Kuşkucu</i>	Lecture Chromosomal Disorders I <i>Ayşegül Kuşkucu</i>	Lecture Bad News I <i>Ayşegül Kuşkucu</i>	Lecture Current Possibilities for Treatment of Genetic Disorders <i>Ömer Faruk Bayrak / Ayşegül Kuşkucu</i>	Assessment Session (MCQ, Essay Questions) <i>Ayşegül Kuşkucu</i>
11.00- 11.50	Lecture Pedigree Drawing and Pedigree Analysis <i>Ayşegül Kuşkucu</i>	Lecture Chromosomal Disorders II <i>Ayşegül Kuşkucu</i>	Lecture Bad News II <i>Ayşegül Kuşkucu</i>	Independent Learning	
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	
13.00- 13.50	Lecture Single Gene Disorders I <i>Ayşegül Kuşkucu</i>	Lecture Staying Ahead of the Game: Genetic Testing <i>Ayşegül Kuşkucu</i>	Laboratory observation – chromosomal disorders <i>Ayşegül Kuşkucu</i>	Independent Learning	Program Evaluation Session Review of the Exam Questions Evaluation of the Program
14.00- 14.50	Lecture Single Gene Disorders II <i>Ayşegül Kuşkucu</i>	Lecture Prenatal and Preimplantation Genetic Diagnosis <i>Ayşegül Kuşkucu</i>	Laboratory observation – single gene disorders <i>Ayşegül Kuşkucu</i>		
15.00- 15.50		Independent Learning	Independent Learning	Independent Learning	
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50					

CLINICAL PHARMACOLOGY TRAINING PROGRAM
RATIONAL PHARMACOTHERAPY – RATIONAL DRUG USE
(1.5 week)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Head of the Department of Clinical Pharmacology: Emine Nur Özdamar MD Assist. Prof.

Ece Genç, PhD Prof.

Cenk Andaç MD Assist. Prof.

Ayşe Gelal, MD Prof.

Volkan Aydın MD

Fatma İşli MD

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
LEARNING OBJECTIVES <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. categorize effective drug groups
	4. discuss personal drugs
	5. determine "proper" drug according to certain criteria
SKILLS	6. conduct 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

NCC 2014 – Essential Medical Procedures (Clinical Pharmacology)	Performance Level
Rational Drug Use	3

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)
<p>Essay Questions in Objective Structured Clinical Exam Station (OSCE)-A</p> <p>During the internship, three indications are studied according to the international treatment guidelines. For the exam, a case is prepared among these three indications. Four theoretical questions (20 points each) are asked as following:</p> <ol style="list-style-type: none"> 1. Please identify the problem and the aim of your treatment. 2. Which pharmacotherapy (pharmacotherapies) would you choose? Which questions should you ask to test the suitability of the chosen treatment? 3. How would you inform the patient about the treatment? 4. What would you recommend for prophylaxis? What could be the options for non-pharmacological treatment? <p>Each question is evaluated and scored as seen in the attached example. Prescription for the presented case is explained in other assessment methods and tools section.</p>	80%
Total	80%
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
<p>Objective Structured Clinical Exam (OSCE)-B</p> <p>OSCE station related to the writing a prescription. Evaluation criteria are shown below.</p> <p>Patient's Name (1 pts), Date (1 pts), Diagnosis (1 pts), Protocol No (1 pts), Doctor's Name (1 pts), Signature/Stamp (1 pts), Diploma No (1 pts), Department (1 pts), Box Number (1 pts), Ending of Prescription (1 pts), Dosage (5 pts), Time (5 pts)</p> <p>Total: 20 pts</p>	20%
Total	20%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests (OSCE-A)	80%
Other Assessments Methods and Tools (OSCE-B)	20%
Total	100%

CLINICAL PHARMACOLOGY: Group I: November 14 – 23, 2022 ; Group II: November 24 – December 02, 2022

WEEK 1

	Monday 14-Nov--2022	Tuesday 15-Nov--2022	Wednesday 16-Nov--2022	Thursday 17-Nov--2022	Friday 18-Nov--2022
09.00-09.50	Independent Learning		Module Clinical pharmacology of antihypertensive drugs Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın	Independent Learning	Module: Acute sinusitis: Clinical pharmacology Moderators: Dr. Ece Genç,Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu
10.00-10:50	Lecture Introduction to the Program: Dr. Ayşe Gelal	Lecture Basic concepts of prescribing Dr. Volkan Aydın			
11.00-11.50	Lecture Principles of Rational Pharmacotherapy Dr. Ayşe Gelal				
12.00 - 12.50	Lecture Personal Drug Selection & MAUA Dr. Volkan Aydın	Lecture Generic Drugs Dr. Ayşe Gelal			
12.50-14.00	Lunch				
14.00 - 14.50	Module Hypertension: Definition of the problem and non-drug treatment Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın	Independent Learning	Module Hypertension: P-drug selection and Case Studies Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın	Module Acute sinusitis: Definition of the problem and non-drug treatment Moderators: Dr. Ece Genç,Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Module Acute sinusitis: P-drug selection and case studies Moderators: Dr. Ece Genç,Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu
15.00-15.50					
16.00-16.50					
17.00-17.50	Independent Learning			Independent Learning	Independent Learning

WEEK 2

	Monday 21-Nov--2022	Tuesday 22-Nov--2022	Wednesday 23-Nov--2022	Thursday 24-Nov--2022	Friday 25-Nov--2022	
09.00- 09.50	Module Uncomplicated urinary tract infections: Approach & clinical pharmacology Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Module Uncomplicated urinary tract infections: P-drug selection & case studies Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	OSCE Group I İnan Kıraç Salonu	Independent Learning	Lecture Basic concepts of prescribing Dr. Volkan Aydın	
10.00-10:50				Independent Learning		
11.00-11.50				Lecture Introduction to the Program: Dr. Ayşe Gelal	Lecture Principles of Rational Pharmacotherapy Dr. Ayşe Gelal	Lecture Generic Drugs Dr. Ayşe Gelal
12.00-12.50						
12.50-14.00	Lunch					
14.00 -14.50	Lecture Pharmacovigilance	Independent Learning	Independent Learning	Lecture Personal Drug Selection & MAUA Dr. Volkan Aydın	Module Clinical pharmacology of antihypertensive drugs Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın	
15.00- 15.50	Interactive Group Study Pharmacovigilance			Module Hypertension: Definition of the problem and non-drug treatment Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın		
16.00- 16.50	Independent Learning					
17.00- 17.50	Independent Learning					

WEEK 3

	Monday 28-Nov--2022	Tuesday 29-Nov--2022	Wednesday 30-Nov--2022	Thursday 1-Dec--2022	Friday 2- Dec--2022
09.00- 09.50	Module Hypertension: P-drug selection and Case Studies Moderators: Dr. Ayşe Gelal, Dr. Volkan Aydın	Module: Acute sinusitis: Clinical pharmacology Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Module Uncomplicated urinary tract infections: Approach & clinical pharmacology Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Module Uncomplicated urinary tract infections: P-drug selection & case studies Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	OSCE Group II İnan Kıraç Salonu
10.00-10:50					
11.00-11.50					
12.00-12.50					
12.50-14.00	Lunch				
14.00 -14.50	Module Acute sinusitis: Definition of the problem and non-drug treatment Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Module Acute sinusitis: P-drug selection and case studies Moderators: Dr. Ece Genç, Dr. Emine Özdamar, Dr. Cenk Andaç Mavi Salon, Yeşil Salon, Üzeyir Garih Salonu	Lecture Pharmacovigilance	Independent Learning	Independent Learning
15.00- 15.50			Interactive Group Study Pharmacovigilance		
16.00- 16.50			Independent Learning		
17.00- 17.50	Independent Learning	Independent Learning	Independent Learning		

FORENSIC MEDICINE TRAINING PROGRAM

(1.5 week)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

Sitki Tıplamaz, MD. Assist. Prof.

CLERKSHIP	FORENSIC MEDICINE <i>Aim of this clerkship is to;</i>
AIM	1. convey necessary knowledge on evaluation and reporting of forensic cases.
LEARNING OBJECTIVES <i>At the end of this term, student should be able to:</i>	
KNOWLEDGE	1. explain how to evaluate forensic cases and report cases
	2. describe the fundamentals of forensic autopsy
	3. define the cause, origin, and mechanism of death in forensic cases
	4. outline the legal responsibilities in medical practice
	5. explain the fundamentals of crime scene investigation and identification
SKILLS	6. perform a physical examination of dead
	7. manage a forensic death examination document filing
	8. examine the traumatized patients
	9. prepare an expert report
	10. document and report the sexual crimes
ATTITUDES	11. respect the privacy of patient and deceased
	12. display empathy and effective communication skills
	13. do the recognition and management of forensic cases
	14. differentiate natural and unnatural deaths
	15. refer to a specialist when necessary

ASSESSMENT TABLE

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

Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)
Multiple Choice Questions	%100
Total	%100
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Student's Seminar (Without Checklist)	%100
Total	%100
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	%60
Other Assessment Methods and Tools	%40
	%100

FORENSIC MEDICINE Group II: November 14 – 23, 2022 ; Group I: November 24 – December 02, 2022

Week 1

	Day 1	Day 2	Day 3	Day 4	Day 5
09.00- 09.50	Introductory Session (Introduction to Forensic Medicine) <i>Sitki Tiplamaz</i>	Lecture Medicolegal approach to traumatized patients <i>Sitki Tiplamaz</i>	Lecture Forensic Psychiatry (Legal Competence/Capacity) <i>Sitki Tiplamaz</i>	Lecture Crime Scene Investigation <i>Sitki Tiplamaz</i>	Lecture Head and Spinal Injuries <i>Sitki Tiplamaz</i>
10.00- 10.50	Lecture Forensic Medicine in Turkey and Other Main Countries <i>Sitki Tiplamaz</i>	Lecture Pathology of wounds <i>Sitki Tiplamaz</i>	Lecture Forensic Psychiatry (Criminal Responsibility) <i>Sitki Tiplamaz</i>	Lecture Forensic Aspects of Alcohol, Narcotic and Hallucinogenic Drugs <i>Sitki Tiplamaz</i>	Lecture Chest and Abdominal Injuries <i>Sitki Tiplamaz</i>
11.00- 11.50	Lecture Legal Responsibilities and Liabilities of Physician <i>Sitki Tiplamaz</i>	Lecture Pathology of wounds (Abrasion, Contusion, and Bruises) <i>Sitki Tiplamaz</i>	Lecture Violence (to Healthcare Workers, Women, Children, Elderlies, Vulnerable Groups) <i>Sitki Tiplamaz</i>	Lecture Poisoning <i>Sitki Tiplamaz</i>	Lecture Transportation Injuries and Unintentional Childhood Injuries <i>Sitki Tiplamaz</i>
12.00- 12.50	Lunch	Lunch	Lunch	Lunch	Lunch
13.00- 13.50	Lecture Complication Vs Malpractice <i>Sitki Tiplamaz</i>	Lecture Pathology of wounds (Laceration, Blunt Penetrating Injuries, Incised wounds) <i>Sitki Tiplamaz</i>	Lecture Violence (Mobbing, Cyberbullying, Peer Bullying,.) <i>Sitki Tiplamaz</i>	Lecture Pathophysiology of Death (Types of Death, The Indication of Death) <i>Sitki Tiplamaz</i>	Lecture Self Inflicted Injuries <i>Sitki Tiplamaz</i>
14.00- 14.50	Lecture Forensic Sciences (Anthropology, Entomology, Toxicology, Ballistic, Document examination, etc.) <i>Sitki Tiplamaz</i>	Lecture Human Rights Violation and Torture <i>Sitki Tiplamaz</i>	Lecture Child Abuse and Neglect <i>Sitki Tiplamaz</i>	Lecture Pathophysiology of Death (Findings after The Death) <i>Sitki Tiplamaz</i>	Lecture Asphyxia 1 (Suffocation, Strangulation, Suffocation Gases) <i>Sitki Tiplamaz</i>
15.00- 15.50	Lecture Forensic Sciences (Forensic Genetics) <i>Sitki Tiplamaz</i>	Lecture How to Prepare Expert Report (I) <i>Sitki Tiplamaz</i>	Lecture Sexual Abuse and Assault <i>Sitki Tiplamaz</i>	Lecture Pathophysiology of Death (Post Mortem Interval, Post Mortem Chemistry) <i>Sitki Tiplamaz</i>	Lecture Asphyxia 2 (Chemical Asphyxiants) <i>Sitki Tiplamaz</i>
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-17.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Week 2

	Day 6	Day 7	Day 8		
09.00- 09.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture Sudden Death Sitki Tiplamaz	Assessment Session		
10.00- 10.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture Sudden Death in Infancy Sitki Tiplamaz			
11.00- 11.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture Immersion Death Sitki Tiplamaz			
12.00- 12.50	Lunch	Lunch	Lunch		
13.00- 13.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture Electrical Fatalities Sitki Tiplamaz	Assessment Session		
14.00- 14.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture Gunshot and Explosion Deaths Sitki Tiplamaz			
15.00- 15.50	Autopsy Practice* (Forensic Council of Medicine)	Lecture How to Prepare Expert Report (II) Sitki Tiplamaz	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program Sitki Tiplamaz		
16.00- 16.50	Independent Learning	Independent Learning	Independent Learning		
17.00-17.50	Independent Learning	Independent Learning	Independent Learning		

*If there is an unexpected condition, other learning methods/tools (e.g. videos, PowerPoint presentation, etc.) will be used.

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE V
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 month.

LIST OF STUDENT COUNSELING

	STUDENT NUMBER	NAME	SURNAME	COUNSELOR
1	20200800131	MAHMOUD	ABOUKHREIS	PROF. DR. CENGİZ PATA
2	20180800116	İLAYDA	AGAR	PROF. DR. CENGİZ PATA
3	20180800079	ASYA	AKOVA	PROF. DR. GÜLÇİN KANTARCI
4	20190800018	MEHMET	AKYÜZ	PROF. DR. GÖKHAN MERİÇ
5	20180800121	MAHMOUD	ALJOBBEH	PROF. DR. GÖKHAN MERİÇ
6	20170800073	BARTU	ALKIŞER	PROF. DR. ÖZCAN GÖKÇE
7	20180800036	EKİN SU	ALPSAR	PROF. DR. SEZGİN SARIKAYA
8	20180800125	MARYAM	AL-RUBAYE	PROF. DR. SEZGİN SARIKAYA
9	20200800011	ÖZLEM	ALTUN	PROF. DR. JALE ÇOBAN
10	20170800031	SÜMEYYE	ALTUNEL	PROF. DR. JALE ÇOBAN
11	20200800004	ADNAN	ANJARY	PROF. DR. NALAN ALAN SELÇUK
12	20180800114	FURKAN	ARIK	DR.ÖĞR. ÜYESİ OYA ALAGÖZ
13	20200800009	İPEK	ARSLAN	DR.ÖĞR. ÜYESİ OYA ALAGÖZ
14	20180800066	ÇAĞLA	ATAY	DR.ÖĞR. ÜYESİ VİLDAN ÖZTÜRK
15	20200800005	BURCU	AYDIN	DOÇ.DR. NAZ BERFU AKBAŞ
16	20200800008	YASEMİN	BAHADIR	DOÇ.DR. OĞUZHAN ZAHMACIOĞLU
17	20180800038	EKİN BORA	BAŞARAN	DR. ÖĞR. ÜYESİ ELİF SAĞSAK
18	20180800105	LARA	BİLİCİ	DR. ÖĞR. ÜYESİ KÜBRA NESLİHAN KURT OKTAY
19	20200800017	ALİ BORA	BODUR	PROF. DR. FERDİ MENDA
20	20180800115	BAŞAK	BÜYÜKKÜRKÇÜ	PROF. DR. FERDİ MENDA
21	20170800103	SUMEYYE	CAM	DR. ÖĞR. ÜYESİ ÖZLEM AKIN
22	20190800014	MUSTAFA	CEYLAN	DR. ÖĞR. ÜYESİ ÖZLEM AKIN
23	20180800069	İREM	ÇIRPICI	DR. ÖĞR. ÜYESİ ELİF SAĞSAK
24	20200800014	LARA	ÇİTİL	PROF. DR. TURHAN ÖZLER
25	20170800090	BENGİSU	ÇÖKELEK	PROF. DR. UĞUR ANIL BİNGÖL
26	20180800101	TOLGA	ÇÖKMEZ	PROF. DR. UĞUR ANIL BİNGÖL
27	20210800029	MUSTAFA BATUHAN	DAL	PROF. DR. İLHAN TOPALOĞLU
28	20180800045	İREM	DALKIRAN	PROF. DR. RACİHA BERİL KÜÇÜMEN
29	20180800084	ULAŞ BEJAN	DEMİR	DR. ÖĞR. ÜYESİ MUSTAFA FERUDUN ÇELİKMEN
30	20180800057	ORKUN	DEMİROK	DR. ÖĞR. ÜYESİ MUSTAFA FERUDUN ÇELİKMEN
31	20210800027	CAN	TRUE	DR.ÖĞR. ÜYESİ MUSTAFA BERBER
32	20180800063	AYÇA ZEYNEP	DOĞAN	DR.ÖĞR. ÜYESİ MUSTAFA BERBER
33	20170800096	ROZERİN EZGİ	DUMAN	PROF. DR. GAZANFER EKİNCİ
34	20200800006	LALE LEMAN	EDİS	DR. ÖĞR.ÜYESİ ALP KAYIRAN
35	20170800098	MUHAMMET ALİ	EKER	PROF. DR. HALUK AYDIN TOPALOĞLU
36	20200800132	ALAUDDIN	ELKMESHI	PROF.DR. MUSTAFA ERHAN AYŞAN
37	20180800073	ÖMER	EMANET	DR. ÖĞR. ÜYESİ EZGİ HACİHASANOĞLU
38	20170800020	ATABERK	ERDEM	DR. ÖĞR. ÜYESİ EZGİ HACİHASANOĞLU
39	20180800083	EMRE	ERDEN	DR. ÖĞR. ÜYESİ KÜBRA NESLİHAN KURT OKTAY
40	20180800035	RECEP	ERDOĞAN	DR. ÖĞR. ÜYESİ TANJU DEMİRÖREN
41	20180800064	BANU	ERKAL	DR. ÖĞR. ÜYESİ SEHA AKDUMAN
42	20180800070	OZAN	ERTAM	DR. ÖĞR. ÜYESİ SEHA AKDUMAN
43	20180800046	EDA	ERTAV	DR.ÖĞR. ÜYESİ MERT YEŞİLADALI
44	20170800115	NAGİHAN	ESİM	DR.ÖĞR. ÜYESİ MERT YEŞİLADALI
45	20200800010	JALE ALKİM	EVLİAYOĞLU	PROF. DR. TUĞHAN UTKU
46	20180800100	TUANA	GAYRET	PROF. DR. TUĞHAN UTKU
47	20180800128	HAMAD	GHAZI MOHAMED	DOÇ. DR. KİNYAS KARTAL
48	20170800034	CEMİL CEM	GİRİŞKEN	DOÇ. DR. KİNYAS KARTAL
49	20170800023	GAYE	GÜNER	DOÇ. DR. KİNYAS KARTAL
50	20180800041	MELTEM ÖZGE	GÜNEŞ	DR. ÖĞR. ÜYESİ KÜBRA NESLİHAN KURT OKTAY
51	20180800118	DALYA	GÜRKAN	PROF. DR. NALAN ALAN SELÇUK
52	20180800076	EGE	GÜRLÜ	PROF. DR. NALAN ALAN SELÇUK
53	20180800008	AHMAD HANI KHAMIS	HAMAD	DOÇ. DR.ÖZLEM HALİLOĞLU
54	20180800002	AHMET	HATİPOĞLU	DOÇ. DR.ÖZLEM HALİLOĞLU

55	20180800071	ATAHAN	İNAN	DOÇ. DR.ÖZLEM HALİLOĞLU
56	20170800077	FATMANUR İREM	KANDEMİR	DR. ÖĞR. ÜYESİ COŞKUN SAF
57	20200800023	BERKE TUĞKAN	KARAAĞAÇ	DR. ÖĞR. ÜYESİ COŞKUN SAF
58	20220800042	HATİCENUR	KARAHASANOĞLU	PROF. DR. MEHMET OKTAY TAŞKAPAN
59	20180800099	DENİZ BADE	KARAKAŞ	PROF. DR. FİLİZ BAKAR
60	20180800006	OSAMA	KARIMA	PROF. DR. FİLİZ BAKAR
61	20170800101	AYŞE IRMAK	KARUN	DOÇ. DR. FİLİZ ÇELEBİ
62	20170800099	İREM NUR	KAVAN	DOÇ. DR. FİLİZ ÇELEBİ
63	20180800097	EFE ERALP	KAYA	DR. ÖĞR. ÜYESİ HANDE CANDEMİR
64	20190800019	EZGİ DERYA	KAYA	DR. ÖĞR. ÜYESİ HANDE CANDEMİR
65	20180800007	ALAA AHMED METWALLY	KHATTAB	DOÇ. DR. EMRE DEMİRCİ
66	20170800063	SARP	KOCA	DOÇ. DR. EMRE DEMİRCİ
67	20200800124	EZGİ ELÇİN	KÖKSAL	DR. ÖĞR. ÜYESİ MUSTAFA YAZICIOĞLU
68	20210800015	ÖMER EKREM	KÖŞK	DR. ÖĞR. ÜYESİ MUSTAFA AYTEK ŞİMŞEK
69	20170800083	ALİ TAN	KÜÇÜKBASMACI	DR. ÖĞR. ÜYESİ MUSTAFA AYTEK ŞİMŞEK
70	20180800056	ZEYNEP	LÜMALI	DR. ÖĞR. ÜYESİ MELİS GÖKÇE KOÇER YAZICI
71	20180800017	HAJER	MAZAGRI	DR. ÖĞR. ÜYESİ MELİS GÖKÇE KOÇER YAZICI
72	20180800104	AYŞE BUSE	MELİK	PROF. DR. HÜLYA ERCAN SARIÇOBAN
73	20180800048	ELİF	MERT	DR. ÖĞR. ÜYESİ ENDİ ROMANO
74	20180800053	YAĞMUR	MERT	PROF. DR. HÜLYA ERCAN SARIÇOBAN
75	20180800074	ELVİN İZEL	MİSİRLİOĞLU	DR. ÖĞR. ÜYESİ ENDİ ROMANO
76	20180800030	JAMAL	MONTASER	DOÇ. DR. ÖZGÜR SARICA
77	20170800014	NEDA	MUMCU	DOÇ. DR. ÖZGÜR SARICA
78	20180800001	NEGAR	NAGHSHEHEI MAST	PROF. DR. HATİCE TÜRE
79	20180800059	BÜŞRA	NECCAR	PROF. DR. TİJEN ALKAN BOZKAYA
80	20180800013	DİLŞAT	ONAY	DOÇ. DR. ŞAFAK KARAÇAY
81	20180800120	TUĞBA	OZEDİRNE	DOÇ. DR. ŞAFAK KARAÇAY
82	20160800102	TALHA	ÖNER	DR. ÖĞR. ÜYESİ EMİN GÖKHAN GENCER
83	20180800058	İZEM	ÖNGÜNŞEN	DR. ÖĞR. ÜYESİ EMİN GÖKHAN GENCER
84	20180800004	DENİZ	ÖZALP	DOÇ. DR. HAKAN ATALAY
85	20170800079	IŞIL SERAY	ÖZDEŞ	DOÇ. DR. HAKAN ATALAY
86	20180800072	ADİL ONUR	POLAT	PROF. DR. OKAN TAYCAN
87	20180800055	ÖYKÜ	PÜSKÜLLÜOĞLU	PROF. DR. OKAN TAYCAN
88	20180800078	ALARA YAĞMUR	RADAVUŞ	DR. ÖĞR. ÜYESİ AYŞEGÜL GÖRMEZ
89	20170800042	ÖZGE	SABUNCU	DR. ÖĞR. ÜYESİ AYŞEGÜL GÖRMEZ
90	20180800092	UYGAR	SARISALTIK	PROF. DR. ÖZGE KÖNER
91	20170800021	OZAN	SAVAŞ	PROF. DR. ÖZGE KÖNER
92	20180800096	ECE	SEÇEN	PROF. DR. FERDA ÖZKAN
93	20180800113	İNCİ	SEVDİK	PROF. DR. FERDA ÖZKAN
94	20180800123	HADI	SLEIMAN	PROF. DR. NEŞET KÖKSAL
95	20180800112	FEYZAN	SÖYLEMEZ	DOÇ. DR. OSMAN MELİH TOPÇUOĞLU
96	20170800097	İBRAHİM ONUR	ŞAHİN	DOÇ. DR. OSMAN MELİH TOPÇUOĞLU
97	20210800021	BURÇAK	TEKER	DR. ÖĞR. ÜYESİ COŞKUN SAF
98	20210800024	ECER NUR	TÜLEK	DR. ÖĞR. ÜYESİ COŞKUN SAF
99	20170800052	ELİFSU	TÜRKMEN	PROF. DR. MERAL SÖNMEZOĞLU
100	20180800029	KAYRA BORA	UZASLAN	PROF. DR. ORHAN ÜNAL
101	20180800010	BİLGE KAAN	ÜLGER	PROF. DR. ORHAN ÜNAL
102	20190800009	HASAN	ÜNİÜKAHRAMAN	PROF. DR. AHMET HİLMİ KAYA
103	20180800042	İLKER	YILMAZ	PROF. DR. SİBEL TEMÜR
104	20180800060	HELİN	YİĞİT	PROF. DR. SİBEL TEMÜR
105	20170800033	MERT	YÖNEY	DR. ÖĞR. ÜYESİ HALİDE RENGİN BİLGİN AKDENİZ
106	20180800077	ALADAĞ TOYKOÇ	YÜKSEL	DR. ÖĞR. ÜYESİ HALİDE RENGİN BİLGİN AKDENİZ
107	20170800027	ELİF	YÜKSEL	DR. ÖĞR. ÜYESİ ÇETİN TİMUR
108	20180800003	İSMAİL KAAN	ZEYTİNOĞLU	DR. ÖĞR. ÜYESİ ÇETİN TİMUR



Faculty of Medicine/Phase V Clerkship Assessment Form

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

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

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

	Letter grade	Success grade
Estimated Grade:		

Head of the Department / Instructor in Charge :

Signature :

Date :

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