

**YEDİTEPE UNIVERSITY**  
**FACULTY of MEDICINE PHASE IV**  
**ACADEMIC PROGRAM BOOK**  
**2024-2025**

Student's; Name :.....

Nr :.....

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

<b><u>CONTENT</u></b>	<b><u>Page</u></b>
COORDINATION COMMITTEE.....	3
ACADEMIC CALENDAR 2024 - 2025.....	4
ACADEMIC SCHEDULE 2024 – 2025 .....	5
AIM OF MEDICAL EDUCATION PROGRAM .....	7
PROGRAM OUTCOMES OF MEDICAL EDUCATION .....	8
2024-2025 CURRICULUM OF PHASE IV .....	15
DESCRIPTION and CONTENT of PHASE IV .....	16
AIM and LEARNING OBJECTIVES of PHASE IV.....	17
ASSESSMENT PROCEDURE.....	18
RULES FOR CLINICAL COURSES ATTENDANCE OF THE STUDENTS .....	<u>20</u>
EXAM RULES .....	21
PROGRESS TEST .....	22
SPECIFIC SESSIONS / PANELS .....	23
INDEPENDENT LEARNING .....	24
RECOMMENDED TEXTBOOKS FOR PHASE IV .....	26
CLERKSHIP PROGRAMMES.....	28
TRANSITION TO CLINICAL SETTINGS .....	29
INTERNAL MEDICINE CLERKSHIP.....	29
CHILD HEALTH and PEDIATRICS .....	66
GENERAL SURGERY .....	98
OBSTETRICS AND GYNECOLOGY.....	120
CARDIOLOGY .....	144
CARDIOVASCULAR SURGERY .....	156
PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY .....	168
THORACIC SURGERY .....	172
CLINICAL ETHICS.....	180
PUBLIC HEALTH.....	184
EMERGENCY MEDICINE.....	188
CLERKSHIP ASSESSMENT FORM.....	208
CONTACT .....	209

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**PHASE IV COORDINATION COMMITTEE**  
**(TEACHING YEAR 2024 – 2025)**

Burçin YORGANCI KALE MD, Assist Prof. (Coordinator)

Müge BIÇAKÇIGİL KALAYCI MD, Prof. (Co-coordinator)

Elif BİRTAŞ ATEŞOĞLU MD, Prof. (Co-coordinator)

Ü. Ayça Türer CABBAR MD, Assoc. Prof. (Co-coordinator)

Bige Kaan AYSAL MD, Assoc. Prof. (Co-coordinator)

Mert YEŞİLADALI MD, Assist Prof. (Coordinator)

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**ACADEMIC CALENDAR 2024 - 2025**

<b>September 04, 2024 (Wednesday)</b>	<b>Beginning of Phase IV</b>
<b>October 17, 2024, Thursday</b>	<b>Coordination Committee Meeting</b>
<b>October 28-29, 2024 (Monday<sup>1</sup>/<sub>2</sub> -Tuesday)</b>	<b>Republic Day - National Holiday</b>
<b>November 10, 2024 (Sunday)</b>	<b>Commemoration of Atatürk</b>
<b>December 28, 2024 (Saturday)</b>	<b>1st Progress Test (Online)</b>
<b>January 1, 2025 (Wednesday)</b>	<b>New Year</b>
<b>January 14, 2025, Tuesday</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>March 14, 2025 (Friday)</b>	<b>Physicians' Day</b>
<b>March 29-April 01 2025 (Saturday-Tuesday)</b>	<b>Religious Holiday</b>
<b>April 23, 2025 (Wednesday)</b>	<b>National Holiday</b>
<b>May 1, 2025 (Thursday)</b>	<b>Labor's Day</b>
<b>May 10, 2025 (Saturday)</b>	<b>2nd Progress Test (Online)</b>
<b>May 19, 2025 (Monday)</b>	<b>National Holiday</b>
<b>May 27, 2025, Tuesday</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>June 5-9, 2025 (Thursday<sup>1</sup>/<sub>2</sub>-Monday)</b>	<b>Religious Holiday</b>
<b>June 20, 2025 (Friday)</b>	<b>End of Phase IV</b>
<b>July 7-11, 2025 (Monday - Friday)</b>	<b>Incomplete Exams</b>
<b>July 17, 2025, Thursday</b>	<b>Coordination Committee Meeting</b>

# PHASE 4 ACADEMIC SCHEDULE 2024 – 2025

TRANSITION TO CLINICAL SETTINGS (3 DAYS ) 04.09.2024-06.09.2024			
CLINICAL ETHICS (1 WEEK) 09.09.2024- 13.09.2024			
PUBLIC HEALTH (1 WEEK) 16.09.2024-20.09.2024			
GROUP A	GROUP B	GROUP C	GROUP D
<b>INTERNAL MEDICINE (9 WEEKS)</b> 23.09.2024-22.11.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	<b>CHILD HEALTH AND PEDIATRICS (10 WEEKS )</b> 23.09.2024-29.11.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL.	<b>CARDIOLOGY (2 WEEKS)</b> 23.09.2024-04.10.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	<b>GENERAL SURGERY (4 WEEKS)</b> 23.09.2024-18.10.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL
		<b>CARDIOVASCULAR SURGERY (2 WEEKS)</b> 07.10.2024-18.10.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	
<b>ELECTIVE CLERCKSHİP (1 WEEK)</b> 25.11.2024-29.11.2024		<b>GENERAL SURGERY (4 WEEKS)</b> 21.10.2024-15.11.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL	<b>EMERGENCY MEDICINE (2 WEEKS)</b> 21.10.2024-01.11.2024 YEDİTEPE UNIVERSITY HOSPITAL
			<b>CARDIOLOGY (2 WEEKS)</b> 04.11.2024 -15.11.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
<b>CHILD HEALTH AND PEDIATRICS (10 WEEKS )</b> 02.12.2024-07.02.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL	<b>INTERNAL MEDICINE (9 WEEKS)</b> 02.12.2024-31.01.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	<b>EMERGENCY MEDICINE (2 WEEKS)</b> 18.11.2024-29.11.2024 YEDİTEPE UNIVERSITY HOSPITAL	<b>OBSTETRICS AND GYNECOLOGY (5 WEEKS)</b> 18.11.2024-20.12.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
		<b>PLASTIC, RECONSTRUCTIVE &amp; AESTHETIC SURGERY (1,5 WEEK)</b> 02.12.2024-11.12.2024 YEDİTEPE UNIVERSITY HOSPITAL	
	<b>ELECTIVE CLERCKSHİP (1 WEEK)</b> 03.02.2025-07.02.2025	<b>THORACIC SURGERY (1,5 WEEK)</b> 12.12.2024-20.12.2024 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	
			<b>THORACIC SURGERY (1,5 WEEK)</b> 23.12.2024-31.12.2024 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL
<b>CARDIOLOGY (2 WEEKS)</b> 10.02.2025-21.02.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH	<b>GENERAL SURGERY (4 WEEKS)</b> 10.02.2025-07.03.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL	<b>OBSTETRICS AND GYNECOLOGY (5 WEEKS)</b> 23.12.2024-24.01.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL	<b>PLASTIC, RECONSTRUCTIVE &amp; AESTHETIC SURGERY (1,5 WEEK)</b> 02.01.2025-10.01.2025 YEDİTEPE UNIVERSITY HOSPITAL

HOSPITAL	PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL	PRACTICAL: SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	
CARDIOVASCULAR SURGERY (2 WEEKS) 24.02.2025-07.03.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			CARDIOVASCULAR SURGERY (2 WEEKS) 13.01.2025-24.01.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
GENERAL SURGERY (4 WEEKS) 10.03.2025 -04.04.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 10.03.2025 -21.03.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	INTERNAL MEDICINE (9 WEEKS) 27.01.2025-28.03.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL +	CHILD HEALTH AND PEDIATRICS (10 WEEKS) 27.01.2025-04.04.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL
EMERGENCY MEDICINE (2 WEEKS) 07.04.2025-18.04.2025 YEDİTEPE UNIVERSITY HOSPITAL		ELECTIVE CLERCKSHIP (1 WEEK) 02.04.2025-09.04.2025	
PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEKS) - 21.04.2025-02.05.2025 YEDİTEPE UNIVERSITY HOSPITAL /8 gün	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 07.04.2025-09.05.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		
THORACIC SURGERY (1,5 WEEKS) - 05.05.2025-14.05.2025 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL			INTERNAL MEDICINE (9 WEEKS) 07.04.2025- 13.06.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
	THORACIC SURGERY (1,5 WEEK) 12.05.2025-22.05.2025 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS) 10.04.2025-20.06.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL EĞİTİM VE ARAŞTIRMA TRAINING AND RESEARCH HOSPITAL	
OBSTETRICS AND GYNECOLOGY (5 WEEKS) 15.05.2025-20.06.2025 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 23.05.2025-.03.06.2025 YEDİTEPE UNIVERSITY HOSPITAL		
	EMERGENCY MEDICINE (2 WEEKS) 04.06.2025-20.06.2025 YEDİTEPE UNIVERSITY HOSPITAL		ELECTIVE CLERCKSHIP (1 WEEK) 16.06.2025-20.06.2025

#### Elective Lectures

MED 450 Multisistem Hastalıklara Yaklaşım (Seçmeli) (Dönem 4) Koordinatör: Prof. Dr. Yaşar Küçükardalı

MED 451 Afet Tıbbı (Dönem 4) Koordinatör: Dr. Öğr. Üyesi Feridun Çelikmen

MED 452 Egzersiz Fizyolojisi (Dönem 4) Koordinatör: Prof. Dr. Mehtap Kaçar

MED 453 Tıp Eğitimi (Dönem 4) Koordinatör: Dr. Öğr. Üyesi Serdar Özdemir

## YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

### AIM OF MEDICAL EDUCATION PROGRAM

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

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#### AIM

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

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

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PROGRAM OUTCOMES OF MEDICAL EDUCATION**

YUTF - Undergraduate Medical Education Program was designed to provide our graduates with the competencies that are specified in the National Competencies List of medical graduates (UYYB).

UYYB is a national document that indicates the expected/required competencies of the students who are at the stage of graduating from Medical Schools in Turkey.

You can find UYYB from the

link: [https://www.yok.gov.tr/Documents/Kurumsal/egitim\\_ogretim\\_dairesi/Ulusal-cekirdek-egitimi-programlari/mezuniyet-oncesi-tip-egitimi-cekirdek-egitimi-programi.pdf](https://www.yok.gov.tr/Documents/Kurumsal/egitim_ogretim_dairesi/Ulusal-cekirdek-egitimi-programlari/mezuniyet-oncesi-tip-egitimi-cekirdek-egitimi-programi.pdf)

<b>COMPETENCY AREA-1 / Professional Practices</b>
<b>COMPETENCY 1.1. Health Service Provider</b>
<b>Competence 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.
<b>Competence 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.
<b>Competence 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.
<b>Competence 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.
<b>Competence 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.
<b>Competence 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.
<b>Competence 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.
<b>Competence 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.
<b>Competence 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services.
<b>COMPETENCY AREA-2 / Professional Values and Approaches</b>
<b>COMPETENCY 2.1. Adopting Professional Ethics and Principles</b>
<b>Competence 2.1.1.</b> Considers good medical practices while performing the profession.
<b>Competence 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.
<b>Competence 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.
<b>Competence 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.
<b>COMPETENCY 2.2. Health Advocate</b>
<b>Competence 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.
<b>Competence 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.
<b>Competence 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.
<b>Competence 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.
<b>COMPETENCY 2.3. Leader-Manager</b>
<b>Competence 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.
<b>Competence 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.
<b>COMPETENCY 2.4. Team Member</b>
<b>Competence 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.

<b>Competence 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.
<b>Competence 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.
<b>COMPETENCY 2.5. Communicator</b>
<b>Competence 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.
<b>Competence 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.
<b>Competence 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.
<b>COMPETENCY AREA-3 / Professional and Personal Development</b>
<b>COMPETENCY 3.1. Scientific and Analytical Approach</b>
<b>Competence 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.
<b>Competence 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.
<b>Competence 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.
<b>Competence 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.
<b>COMPETENCY 3.2. Lifelong Learner</b>
<b>Competence 3.2.1.</b> Manages effectively individual study processes and career development.
<b>Competence 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.
<b>Competence 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE CURRICULUM 2024-2025**  
**PHASE IV**

CODE		FOURTH YEAR	W	T	A	L	Y	E
MED	402	Child Health And Paediatrics	10					12
MED	403	Obstetrics and Gynaecology	5					9
MED	404	General Surgery	4					8
MED	405	Cardiology	2					5
MED	406	Cardiovascular Surgery	2					2
MED	407	Clinic Ethics	1					2
MED	408	Plastic and Reconstructive Surgery	1.5					2
MED	409	Public Health	1					2
MED	410	Thoracic Surgery	1.5					2
MED	411	Internal Medicine	9					10
MED	412	Transition to Clinical Settings	1					2
MED	413	Emergency Medicine	2					2
MED	XXX	Area Elective Course <sup>3</sup>	1					2
Total Credits								60

The curriculum applies to 2021-2023 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.

<sup>3</sup>**Area Elective Courses.** Only one of the provided courses can be elected in the fourth educational year. MED450 Approachment of Multisystem Diseases, MED451 Disaster Medicine, MED452 Exercise Physiology, MED453 Medical Education

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.

\* Please see “<https://med.yeditepe.edu.tr/en/undergraduate-medical-education>” for more information.

**YEDİTEPE UNIVERSITY**  
**FACULTY of MEDICINE**  
**PHASE IV**

**DESCRIPTION OF PHASE IV**

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

**PHASE CONTENT**

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

**EXECUTIVES OF ACADEMIC YEAR**

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

## AIM AND LEARNING OBJECTIVES OF PHASE IV

### **AIM**

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

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

***explain*** clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency

***tell*** that taking a history based on systems is an important element of diagnosis

***count*** properties of Physical Examination based on systems

***explain*** interventions used for current medical and surgical methods

***recognize*** basic ethical Approaches completely

***distinguish*** between legal and ethical issues

#### **SKILLS**

***take*** history based on systems

***apply*** Physical Examination methods based on systems

***select*** appropriate tests to support clinical decisions

***interpret*** test results to support clinical decisions

***do*** frequently used diagnostic applications

***refer*** Patient to next level care

#### **ATTITUDES**

***participate*** fully and timely in activities carried out during training

***take*** responsibilities to be fulfilled

**YEDITEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**ASSESSMENT PROCEDURES**

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

Assessment Approaches	Assessment Methods	Question Types / Assessment Tools
Knowledge-based Assessment	WE: Written Examination* (Pencil-Paper Tests)	MCQ: Multiple Choice Questions
		EMQ: Extended Matching Questions
		KF: Key Features
		EQ: Essay Questions
	OE: Oral Exam	MEQ: Modified Essay Questions
Competency-based Assessment	SOE: Structured Oral Exam	SOE Checklist
	OSCE: Objective Structured Clinical Examination	OSCE Checklist
	SP: Assessment with Simulated Patients	Evaluation Checklist
Performance-based Assessment	PE: Portfolio Evaluation	PE Checklist
	Logbook	
	DOPS: Direct Observation of Procedural Skills	DOPS Rating Scale
	Mini-CEX: Mini Clinical Evaluation	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	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.

You can see the grades and scores, limit of pass or fail in the table below.

## Grades

A letter grade is given to the students as a success grade, from the numerical values of the grades given by the relevant teaching staff for each course they take, taking into account the practice, laboratory and similar studies in the courses and examinations and academic activities.

Grades and Letter grades are shown for MED coded courses of Phase IV in the following table:

Grades	Letter Grades
90-100	AA
80-89	BA
70-79	BB
65-69	CB
60-64	CC
59 or less	FF (Fail in the context of Pass or Fail Calculations of the Courses)
0	FA (Fail due to non attendance to the courses)

\* Please see <https://med.yeditepe.edu.tr/tr/mezuniyet-oncesi-tip-egitimi> for more information.

## **RULES FOR CLINICAL COURSES ATTENDANCE of THE STUDENTS**

Phase IV, V:

### **Clerkships (Clinical courses)**

Students are required to attend the all theoretical and/or practical sessions such as laboratory work, discussions, seminars, area and clinical studies of courses for the term they are enrolled in. Students must attend the exams and academic studies deemed necessary by faculty members of clerkships.

A student who does not attend more than 20% of the theoretical and/or practical sessions with or without excuse, is not allowed to take either the clerkship exam or the clerkship incomplete exam and failed the clerkship. In this situation, the student has to repeat that clerkship.

Students are required to participate in all clinical studies. Students whose absences does not exceed 20% of the clinical studies in clerkships notify their excuses to the Dean's Office with a petition, and whose excuses are accepted as valid by the authorized committees make the compensation as planned by the clerkship supervisor. Otherwise the student is not allowed to take either the clerkship exam or the clerkship incomplete exam and failed the clerkship. In this situation, the student has to repeat that clerkship.

For more information: [https://yeditepe.edu.tr/sites/default/files/2023-02/yeditepe\\_university\\_faculty\\_of\\_medicine\\_training-instruction\\_and\\_examination\\_regulation.pdf](https://yeditepe.edu.tr/sites/default/files/2023-02/yeditepe_university_faculty_of_medicine_training-instruction_and_examination_regulation.pdf)

## YEDİTEPE UNIVERSITY FACULTY of MEDICINE EXAM RULES

**Seating-** Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.

**Electronics** – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.

**Absence** – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.

**Scratch Paper** – Students are not allowed to bring scratch paper into the exam room.

**Meaning of Questions** – Students may not consult the supervisor as to the meaning of any question.

**Sign your sheets** – Students must sign their multiple-choice answer sheets and/or written-answer sheets.

**Other activities requiring disciplinary action-** Students must not give or receive assistance of any kind during the exam. Gaining access to exam questions before the exam; • Using an unauthorized calculator or other mechanical aid that is not permitted. • Looking in the exam book before the signal to begin is given. • Marking or otherwise writing on the exam book or answer sheet before the signal to begin is given. • Making any changes, additions, deletions or other marking, erasing or writing on the exam book or answer sheet after the time for the exam has expired. • Having access to or consulting notes or books during the exam. • Looking at or copying from another student's paper. • Enabling another student to copy from one's paper. • Talking or otherwise communicating with another student during the exam or during the read through period. • Disturbing other students during the exam. • Consulting other persons or resources outside the exam room during the exam. • Copying questions or answers either on paper or with an electronic device to take from the exam room. • Taking an exam book or other exam materials from the exam room. • Taking an exam in place of another student. • Arranging to have another person take an exam for the student. • Threatening or verbally abusing a supervisor or proctor responsible for curbing or reporting improper conduct. • Unprofessional and/or unruly behavior towards any YEDİTEPE University staff, supervisors, proctors, or volunteers at any time during the exam. • Disclosing the contents of an exam to any other person. • Failing to remain in the exam room for a given period of time by the supervisors or proctors. • Failing to follow other exam instructions.

Students who assist in or are complicit with cheating could also be in violation of the Policy. Thus, students who become aware of their peers either facilitating academic misconduct or committing it should report their suspicions to exam or test observers for investigation.

Those students found to have committed academic misconduct will face administrative sanctions imposed by the administration of YEDİTEPE University Faculty of Medicine according to the disciplinary rules and regulations of the Turkish Higher Education Council (YÖK) for students: published in the Official Gazette on August 18th, 2012). The standard administrative sanctions include: the creation of a disciplinary record which will be checked by graduate and professional life, result in grade "F" on the assignment, exams or tests or in the class. Students may face suspension and dismissal from the YEDİTEPE University **for up to one school year**. In addition, student may lose any academic and non academic scholarships given by the YEDİTEPE University **for up to four years**. The appropriate sanctions are determined by the YEDİTEPE University administration according to egregiousness of the Policy violation.

## **PROGRESS TEST**

Progress test (PT) is used to assess students on topics from all medical disciplines. As an assessment tool in medical education, the PT offers some distinctive characteristics that set it apart from other types of assessment. It is administered to all students in the medical program at the same time and at regular intervals (usually twice a year) throughout the entire academic program. The test samples the complete knowledge domain expected that a student to have on graduation, regardless of which grade the student is at. The scores provide beginning-to-end and curriculum-independent assessments of the objectives for the entire medical program. The purpose of the PT as a formative or summative test is variably used across institutions.

In YUTF, PT is applied according to the following principles and rules.

### **Purpose**

- In YUTF, PT is used for formative purposes.
- PT is conducted to allow students to see their progress in knowledge levels throughout their medical education.

### **Obligation**

- PT is mandatory for all students.

### **Frequency and Timing**

- PT is performed twice a year.
- Each student will have received a total of 12 PTs by the end of the Phase 6.
- In a year; the first PT is done in the middle and the second PT is done at the end of the term.
- PT dates are announced by the Phase Coordinator.

### **Implementation**

- PT is performed online via EYS.

### **Content**

- PT consists of 200 multiple choice questions.
- 100 of them are related to the preclinical period and the rest 100 are related to the clinical period.
- The ratio of the questions to be asked according to the disciplines is announced to the students before PT.
- All students from 1st to 6th Phase are to answer the same questions.

### **Feedback**

- A report is sent to each student after each PT.
- The report includes how many questions the student answered correctly in each discipline and their progress against the previous PT.
- Students can also view their ranking within their class and within the entire school.

### **Benefits**

- PT gives students the opportunity to see their progress throughout their medical education.
- PT provides opportunities for students to prepare for other exams (Committee, Clerkship, TUS, USMLE, etc.).
- As questions are often enhanced with a real life problem, PT contributes to students' problem-solving skills. This question type is preferred in TUS, especially USMLE and other similar exams.

\*Participation in the Progress Test (PT) is compulsory. Students who do not complete the PT will not be eligible to progress to the next phase.

## **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

## 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:

All of the students will define independent learning process according to below algorithm.

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.).

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?

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?

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.

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.

**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.

**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?

**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

**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.

**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:**

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

## RECOMMENDED TEXTBOOKS FOR PHASE IV

DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
<b>INTERNAL MEDICINE</b>	<ul style="list-style-type: none"> <li>■ Harrison's Principles of Internal Medicine Edited by Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo,</li> <li>■ The Merck Manual of Diagnosis and Therapy. Edited by Porter RS, Kaplan JL</li> <li>■ Current Opinion in Internal Medicine. Edited by: H David Humes</li> <li>■ Cecil Medicine. Edited by Lee Goldman, MD and Andrew I. Schafer</li> <li>■ Handbook of Nephrology &amp; Hypertension Edited by Christopher S. Wilcox, C. Craig Tisher</li> <li>■ Netter's Gastroenterology. Edited by M Floch</li> <li>■ Yeditepe Üniversitesi Tıp Fakültesi İç Hastalıkları Semiyoloji Kitabı. Editör Prof Dr. Yaşar Küçükardalı</li> </ul> <p style="text-align: center;"><b>INTERNET LINKS:</b></p> <ul style="list-style-type: none"> <li>■ <a href="http://www.uptodate.com">www.uptodate.com</a>,</li> <li>■ <a href="http://bestpractice.bmj.com/best-practice/evidence">http://bestpractice.bmj.com/best-practice/evidence</a></li> <li>■ <a href="http://www.medicinenet.com/script/main/hp.asp">http://www.medicinenet.com/script/main/hp.asp</a></li> <li>■ <a href="http://www.accessmedicine.com">www.accessmedicine.com</a></li> </ul>		
<b>CHILD HEALTH &amp; PEDIATRICS</b>	■ Nelson Textbook of Pediatrics	Robert M. Kliegman, MD, Bonita M.D. Stanton, MD, Joseph St. Geme, Nina Schor, MD, PhD and Richard E. Behrman, MD	Saunders, 2011
	■ CURRENT Diagnosis Treatment:	(William W. Hay Jr, Myron J. Levin, Robin R. Deterding, Mark J. Abzug, Judith M. Sondheimer)	Lange
<b>GENERAL SURGERY</b>	<ul style="list-style-type: none"> <li>■ Schwartz's Principles of Surgery, 10th edition</li> <li>■ Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice, 19th edition</li> </ul>		
<b>OBSTETRICS &amp; GYNECOLOGY</b>	<ul style="list-style-type: none"> <li>■ Current Obstetrics and Gynecology, Elsevier Publishing 2015</li> </ul>		

<b>CARDIOVASCULAR SURGERY</b>	■ Cardiac Surgery in the Adult	Cohn L.H., et al	Mc Graw Hill
	■ Cardiac Surgery	Kouchoukos N.T., et al	Churchill Livingstone
	■ Haimovici's Vascular Surgery	Ascher E., et al.	Wiley-Blackwell
<b>CARDIOLOGY</b>	■ Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 2-Volume Set, 10th Edition ■ Marriott's Practical Electrocardiography		
<b>THORASIC SURGERY</b>	■ Thoracic Surgery, Editors: Prof. Dr. Mustafa Yüksel, Prof. Dr. Akin Eraslan, Nobel Tip Kitapevleri, ISBN:978-605-335-122-1		
<b>PLASTIC RECONSTRUCTIVE &amp; AESTHETIC</b>	■ Grabb and Smith's Plastic Surgery	Charles H. Thorne MD., et al	LWW
<b>CLINICAL ETHICS</b>	■ Jacques P. Thiroux , Keith W. Krasemann, Ethics: Theory and Practice,Pearson Publishing House, 2011, ISBN: 978-0205053148		
	■ Barbara MacKinnon, Ethics: Theory and Contemporary Issues , Wadsworth Publishing, 2011, ISBN: 0538452838		
	■ Bonnie F. Fremgen, Medical Law and Ethics , Prentice Hall Publishing House, 2011, ISBN: 0132559226		
<b>PUBLIC HEALTH</b>	■ Straus SE, Glasziou P, Richardson WS, Haynes RB. Evidence-based medicine: how to practice and teach it. Fourth Edition 2011. Churchill Livingstone Elsevier.		
	■ Glasziou P, Del Mar C, Salisbury J. Evidence-based Practice Workbook. BMJ Books, Blackwell Publishing, 2007.		
	■ Mayer D. Essential Evidence-based Medicine. Second Edition 2010. Cambridge University Press.		
	■ R. Brian Haynes, David L. Sackett, Gordon H. Guyatt, and Peter Tugwell. Clinical Epidemiology: How to do clinical practice research. Third edition, 2006. Lippincott Williams & Wilkins.		
	■ Howick J. The philosophy of evidence-based medicine. 2011, Blackwell Publishing Ltd.		
	■ Greenhalgh T. How to read a paper: the basics of evidence-based medicine. Fourth edition, 2010.BMJ Books		

## **CLERKSHIP PROGRAMS (41 WEEKS)**

TRANSITION TO CLINICAL SETTINGS (3 days)

INTERNAL MEDICINE (9 weeks)

CHILD HEALTH AND PEDIATRICS (10 weeks)

OBSTETRICS AND GYNECOLOGY (5 weeks)

GENERAL SURGERY (4 weeks)

CARDIOLOGY (2 weeks)

CARDIOVASCULAR SURGERY (2 weeks)

EMERGENCY MEDICINE (2 weeks)

THORACIC SURGERY (1.5 week)

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY (1.5 week)

CLINICAL ETHICS (1 week)

PUBLIC- HEALTH-EVIDENCE BASED MEDICINE (1 week)

ELECTIVE CLERCKSHIP (1 week)

**YEDİTEPE UNIVERSITY**

**FACULTY OF MEDICINE**

**PHASE IV**

**TRANSITION TO CLINICAL SETTINGS**

**Clerkship coordinator:** Meral Sönmezoğlu, MD, Prof.

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

**Clerkship co-coordinator:** BU, MD, PhD, Assist. Prof. Burçin Tuvana Us, MD, PhD

**Lecturers:**

Güldal İzbirak, MD, PhD, Prof.

Sina Ercan MD, Prof.

Rukset Attar, MD, Prof.

Meral Sönmezoğlu, MD, Prof.

Sezgin Sarıkaya, MD, Prof.

Hatice Türe MD, Prof.

Tuğhan Utku, MD, Prof.

Okan Taycan, MD, Prof.

Hakan Atalay MD, Assoc. Prof.

Naz Berfu Aktaş MD, Assoc. Prof.

Serdar Özdemir, MD, PhD, Assist. Prof.

Burçin Yorgancı Kale, MD, PhD, Assist. Prof.

Burçin Tuvana Us, MD, PhD

Gökhan Eren Clinical Pharmacology

## AIM AND LEARNING OBJECTIVES OF TRANSITION TO CLINICAL SETTINGS CLERKSHIP

### **AIM:**

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

### **LEARNING OBJECTIVES:**

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

#### **KNOWLEDGE**

**explain** drug and medicine safety.

**explain** the risks of emergency conditions and knows the protection of these issues.

**explain** and clarifies the communication concept.

**name** and samples the nonverbal communication skills.

**identify** the empathy.

**explain** topographic and conditional memorial conditions and processes.

**explain** ego protection mechanisms.

**identify** leadership style.

**define** the correlation between leadership and mission, vision and others.

**explain** and be aware or personal career management development.

**explain** the process of coping with difficult patients.

**reveal** and explains the steps of the breaking bad news process.

#### **SKILLS**

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

#### **ATTITUDES**

**value** the infection control program.

**value** the the importance of listening person on the communication.

**value** the position of the position leadership of medical doctor between stuff that works.

## ASSESSMENT TABLE FOR TRANSITION TO CLINICAL SETTINGS

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

Assessment Methods and Tools	Proportion (in Pass/Fail Decision)
Evaluation of Student's Learning Projects (With Checklist)	90%
Evaluation of Student's Daily Learning Tasks (With Checklist)	10%
<b>Total</b>	<b>100%</b>

## Transition to Clinical Settings Clerkship Program 2024-2025

Location: YU Kosuyolu Hospital Conference Hall

Wednesday 04.Sep.2024		Thursday 05.Sep.2024		Friday 06.Sep.2025	
09.30-09.50	Introduction to TCS Clerkship Program				
10.00-10.50	<b>Lecture</b> Career Management in Medicine <i>Güldal İzbırak</i>	10.00-10.50	<b>Lecture</b> Understanding Others <i>Hakan Atalay, Okan Taycan, Naz Berfu Aktaş</i>	10.00-10.50	<b>Lecture</b> Emergency Management <i>Sezgin Sankaya</i>
11.00-11.50	<b>Lecture</b> Quality Improvement and International Patient Safety <i>Meral Sönmezoğlu</i>	11.00-11.50	<b>Lecture</b> Handling Difficult Situations and Difficult Persons <i>Hakan Atalay, Okan Taycan, Naz Berfu Aktaş</i>	11.00-11.50	<b>Meeting with Coordinator of Phase IV</b> <i>Burçin Yorgancı Kale</i>
12.00-12.50	<b>Lecture</b> Infection Control Program <i>Meral Sönmezoğlu</i>	12.00-12.50	<b>Movie Discussion (Large Group)</b> <i>Hakan Atalay, Okan Taycan, Naz Berfu Aktaş</i>	12.00-12.30	<b>Reflection Session</b> Explanation of the Learning Project <i>Burçin Tuvana Us</i>
14.00.-14.50	<b>Lecture</b> Drug Safety <i>Gökhan Eren</i>	14.00-14.50	<b>Lecture &amp; Large Group Discussion</b> Breaking Bad News <i>Tuğhan Utku</i>	14.00-16.00	<b>Panel</b> Examples of Careers in Medicine <i>Sina Ercan (Chair)</i>
15.00-15.50	<b>Lecture</b> Introduction to Leadership and Management <i>Hatice Türe</i>	15.00-15.50	<b>Meeting with Assistant Chief Physician</b> <i>Rukset Altar</i>		

All clerkship-related announcements, material sharing, daily assignments, and annual learning project will be shared via the classroom. Students must join the Google Classroom that has been set up for this clerkship through the link provided below. Despite this announcement, students who do not accept the classroom invitation will be deemed to have accepted responsibility for any potential disruptions that may occur to their own disadvantage.

<https://classroom.google.com/c/NzAxMjA2MjI1NDE0?cjc=solsvwy>

Class Code: solsvwy

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**INTERNAL MEDICINE CLERKSHIP**  
**LECTURERS**

<b>DISCIPLINE</b>	<b>FACULTY</b>
ENDOCRINOLOGY	Fahrettin KELEŞTİMUR, MD Prof.
GASTROENTEROLOGY	Cengiz PATA, MD Prof. Meltem ERGÜN, MD Prof.
HEMATOLOGY	Elif BİRTAŞ ATEŞOĞLU, MD Prof. Figen ATALAY, MD Assoc. Prof.
INTERNAL MEDICINE	Yaşar KÜÇÜKARDALI, MD Prof. Mehmet Akif Öztürk, MD Assisted Prof.
MEDICAL ONCOLOGY	Bala Başak ÖVEN, MD Prof. Serkan ÇELİK, MD Assoc. Prof.
RESPIRATORY SYSTEM	Banu Musaffa SALEPÇİ, MD Prof. Seha AKDUMAN, MD,
NEPHROLOGY	Gülçin KANTARCI, MD Prof. Abdullah ÖZKÖK, MD Prof.
RHEUMATOLOGY	Müge BİÇAKÇIGİL KALAYCI, MD Prof.
TBA HOSPITAL (TBA) HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	Refik DEMİRTUNÇ, MD Prof. Funda TÜRKMEN, MD Prof.

## AIM AND LEARNING OBJECTIVES OF INTERNAL MEDICINE CLERKSHIP

Aim of this clerkship is to equip students with necessary knowledge, skills and attitudes required for an appropriate Approach to healthy and sick adults, convey necessary knowledge on preventive healthcare measures. This clerkship also aimed to provide students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults and to perform primary care prophylaxis and treatment,

### LEARNING OBJECTIVES

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

#### KNOWLEDGE:

Employs a patient-centered approach in patient management.	1.1.2.
Describe and explain the presentation, pathophysiology, clinical and laboratory features of common acute, chronic and emergency clinical conditions which pose high risk for individuals or community health, and list differential diagnoses of common disorders	1.1.3
List required procedures and investigations for the diagnosis and follow-up of patients	1.1.7
Employs diagnostic procedures that are used frequently at the primary health care level. Selects tests that have evidence-based high efficacy at the primary health care level and interprets results	1.1.7, 1.1.8
Describe the management of common disorders	1.1.11

#### SKILLS

Obtain an appropriate history of patients. Take detailed questioning intended to explicate reasons of complaints	1.1.2, 1.1.4
Perform proper physical examination	1.1.5
Use diagnostic methods (laboratory and imaging techniques, other invasive or non-invasive methods) correctly and cost-efficiently	1.1.7, 1.1.8, 1.1.9
Perform minor medical interventions and applications (blood collection, i.v. or i.m. injection, catheterization, capillary blood glucose testing, ECG, etc.)	1.1.7
Interpret clinical and laboratory data	1.1.7, 1.1.8
Refer patients to advanced healthcare units when indicated	1.2.2, 1.1.9
Manage common disorders and emergency cases	1.1.9, 1.1.11
Use written and online sources correctly and efficiently to access evidence-based information	3.1.1, 3.1.2

#### ATTITUDES

Demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff	1.2.2, 1.2.3,
Show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition	1.2.3, 1.2.4, 2.2.2, 2.5.2
Communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team	1.2.1, 1.2.2

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

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**INTERNAL MEDICINE CLERKSHIP  
ASSESSMENT TABLE**

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

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
<b>Multiple Choice Questions</b>	<b>40%</b>
<b>Total</b>	<b>40%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
<b>Structured Oral Exam (OE)</b>	<b>50%</b>
<b>Logbook &amp; Direct Observation of Procedural Skills (DOPS)</b>	<b>10%</b>
<b>Evaluation of Case Presentation (With Checklist)</b>	
<b>Evaluation of Preparation Skills of Patient's File (With Checklist)</b>	
<b>Global Evaluation of Student's Performance (With Checklist)</b>	
<b>Total</b>	<b>60 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
<b>Pencil-Paper Tests</b>	<b>40%</b>
<b>Other Assessment Methods and Tools</b>	<b>60%</b>
<b>Total</b>	<b>100 %</b>

**Incomplete exam: Structured Oral Exam:100%**

**INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP A**  
**23.09.2024-22.11.2024 GROUP A- WEEK 1/ September 23-27,2024 (Koşuyolu)**

	Monday 23-Sep-2024	Tuesday 24-Sep-2024	Wednesday 25-Sept-2024	Thursday 26-Sep-2024	Friday 27-Sep-2024
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Figen Atalay</i> <b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Ascites <i>Cengiz Pata</i>	<b>Lecture</b> Dysphagia <i>Cengiz Pata</i>
10:55 – 11.40	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</i>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	<b>Case Discussion Gastroenterology</b> <i>Cengiz Pata</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</i>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Chronic Hepatitis <i>Cengiz Pata</i>	<b>Lecture</b> Approach to the patients with bleeding disorders and thrombosis <i>Figen Atalay</i>
13.40 - 14.25	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Cengiz Pata</i>	<b>Lecture</b> Iron deficiency anemia <i>Elif Birtaş Ateşoğlu</i>
14.35- 15.20	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	<b>Case Discussion Nephrology</b> <i>Gülçin Kantarcı</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Cengiz Pata</i>	<b>Lecture</b> Megaloblastic anemia <i>Elif Birtaş Ateşoğlu</i>
15.30-16.15	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
16.15-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 2 / September 30- October 4, 2024 (30 SEP-02 Oct.Koşuyolu/ 03-04 Oct.Kozyatağı)**

	Monday 30-Sep-2024	Tuesday 01-Oct-2024	Wednesday 02-Oct-2024	Thursday 03-Oct-2024	Friday 04-Oct-2024
10.00 -10:45	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	<b>Case Discussion</b> <b>Hematology</b> <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>
10:55 – 11.40	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Bone marrow failure <i>Figen Atalay</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Plasma cell dyscrasias <i>Figen Atalay</i>	<b>Lecture</b> Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
13.40 - 14.25	<b>Lecture</b> Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Asthma <i>Seha Akduman</i>	<b>Lecture</b> Hypopituitarism <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
14.35- 15.20	<b>Lecture</b> Peripheral blood smear <i>Figen Atalay</i>	<b>Case Discussion</b> <b>Chest Diseases</b> <i>Seha Akduman</i>		<b>Case Discussion</b> <b>(General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	
15.30-18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A- WEEK 3 / October 7-11, 2024 (Kozyatağı)**

	<b>Monday 07-Oct-2024</b>	<b>Tuesday 08-Oct-2024</b>	<b>Wednesday 09-Oct-2024</b>	<b>Thursday 10-Oct-2024</b>	<b>Friday 11-Oct-2024</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-1 <i>Abdullah Özkök</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-2 <i>Abdullah Özkök</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Taking History <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-1 <i>Abdullah Özkök</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to Patient with Vasculitis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-2 <i>Abdullah Özkök</i>
<b>14.35- 15.20</b>	<b>Case Discussion Chest Diseases</b> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçigil Kalaycı</i>	<b>Case Discussion Rheumatology</b> <i>Müge Bıçakçigil Kalaycı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A- WEEK 4 / 14-16 October 2024 (Kozyatağı) – 17-18 October 2024 (TBA)**

	Monday 14-Oct-2024	Tuesday 15-Oct-2024	Wednesday 16-Oct-2024	Thursday 17-Oct-2024	Friday 18-Oct-2024
10.00 -10:45	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>	<b>Lecture</b> Hypothyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>	TBA	TBA
10:55 – 11.40	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>	<b>Lecture</b> Hyperthyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>		
11.40 – 12:45	LUNCH				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hyperparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Cushing's Syndrome <i>Fahrettin KELEŞTİMUR</i>		TBA
13.40 - 14.25	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hypoparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Fahrettin KELEŞTİMUR</i>		
14.35- 15.20	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Endocrine hypertension <i>Fahrettin KELEŞTİMUR</i>	<b>Case Discussion Endocrinology</b> <i>Fahrettin KELEŞTİMUR</i>		
15.30-18.00	Independent Learning	Independent Learning		Independent Learning	Independent Learning

**GROUP A- WEEK 5 / 21-25 October 2024 (TBA)**

	<b>Monday 21- Oct- 2024</b>	<b>Tuesday 22- Oct- 2024</b>	<b>Wednesday 23- Oct- 2024</b>	<b>Tuesday 24- Oct- 2024</b>	<b>Friday 25-Oct-2024</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 6 / 28 October - 1 November 2024 TBA)**

	<b>Monday 28-Oct-2024</b>	<b>Tuesday 29-Oct-2024</b>	<b>Wednesday 30-oct-2024</b>	<b>Tuesday 31- Oct- 2024</b>	<b>Friday 01-Nov-2024</b>
08:00- 17:00	TBA	Republic Day	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 7 /04-08 November 2024 (TBA)**

	<b>Monday 04-Nov-2024</b>	<b>Tuesday 05-Nov-2024</b>	<b>Wednesday 06-Nov-2024</b>	<b>Tuesday 07-Nov- 2024</b>	<b>Friday 08-Nov-20234</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 8 / 11-15 November 2024 (TBA)**

	<b>Monday 11-Nov-2024</b>	<b>Tuesday 12-Nov-2024</b>	<b>Wednesday 13-Nov-2024</b>	<b>Tuesday 14-Nov-2024</b>	<b>Friday 15-Nov-2024</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 9 / 18-22 November 2024 (TBA)**

	<b>Monday 18-Nov-2024</b>	<b>Tuesday 19-Nov-2024</b>	<b>Wednesday 20-Nov-2024</b>	<b>Thursday 21.-Nov-2024</b>	<b>Friday 22-Nov-2024</b>
<b>10.00 -12.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session</b>	<b>Independent Learning</b>	<b>Oral Examination</b>
<b>12.00-13.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program		
<b>13.00-18.00</b>			<b>Independent Learning</b>		

**INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP B 02.12.2024-31.01.2025**  
**GROUP B- WEEK 1/ 02. December-06.December 2024 (Koşuyolu)**

	Monday 02-Dec-2024	Tuesday 03-Dec-2024	Tuesday 04-Dec-2024	Thursday 04-Dec-2024	Friday 05-Dec-2024
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Figen Atalay</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Ascites <i>Cengiz Pata</i>	<b>Lecture</b> Dysphagia <i>Cengiz Pata</i>
	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</i>				
10:55 – 11.40	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</i>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	<b>Case Discussion Gastroenterology</b> <i>Cengiz Pata</i>
11.40 – 12:45		LUNCH			
12.45 - 13.30	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</i>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Chronic Hepatitis <i>Cengiz Pata</i>	<b>Lecture</b> Approach to the patients with bleeding disorders and thrombosis <i>Figen Atalay</i>
13.40 - 14.25	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Cengiz Pata</i>	<b>Lecture</b> Iron deficiency anemia <i>Elif Birtaş Ateşoğlu</i>
14.35- 15.20	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	<b>Case Discussion Nephrology</b> <i>Gülçin Kantarcı</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Cengiz Pata</i>	<b>Lecture</b> Megaloblastic anemia <i>Elif Birtaş Ateşoğlu</i>
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 2 / 09-13 December, 2024 (09-11 Dec Koşuyolu/ 12-13 Dec Kozyatağı)**

	<b>Monday 09-Dec-2024</b>	<b>Tuesday 10-Dec-2024</b>	<b>Wednesday 11-Dec-2024</b>	<b>Thursday 12-Dec-2024</b>	<b>Friday 13-Dec-2024</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	<b>Case Discussion Hematology</b> <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Approach to the Patient with Pulmonary System Syntoms and Signs <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Bone marrow failure <i>Figen Atalay</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Plasma cell dyscrasias <i>Figen Atalay</i>	<b>Lecture</b> Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Asthma <i>Seha Akduman</i>	<b>Lecture</b> Hypopituitarism <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
<b>14.35- 15.20</b>	<b>Lecture</b> Peripheral blood smear <i>Figen Atalay</i>	<b>Case Discussion Chest Diseases</b> <i>Seha Akduman</i>		<b>Case Discussion (General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B- WEEK 3 / December 16-20, 2024 (16-20 Dec. Kozyatağı)**

	<b>Monday 16-Dec-2024</b>	<b>Tuesday 17-Dec-2024</b>	<b>Wednesday 18-Dec-2024</b>	<b>Thursday 19-Dec-2024</b>	<b>Friday 20-Dec-2024</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-1 <i>Abdullah Özkök</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-2 <i>Abdullah Özkök</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Taking History <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-1 <i>Abdullah Özkök</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to Patient with Vasculitis <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-2 <i>Abdullah Özkök</i>
<b>14.35- 15.20</b>	<b>Case Discussion</b> <b>Chest Diseases</b> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion</b> <b>Rheumatology</b> <i>Müge Bıçakçığıl Kalaycı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B- WEEK 4 / 23-27/ December 2024 (23-25 Dec.Kozyatağı; 26-27Dec. TBA)**

	Monday 23-Dec-2024	Tuesday 24-Dec-2024	Wednesday 25-Dec-2024	Thursday 26-Dec-2024	Friday 27-Dec-2024
10.00 -10:45	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>	<b>Lecture</b> Hypothyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>	TBA	TBA
10:55 – 11.40	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>	<b>Lecture</b> Hyperthyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>		
11.40 – 12:45	LUNCH				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hyperparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Cushing's Syndrome <i>Fahrettin KELEŞTİMUR</i>		TBA
13.40 - 14.25	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hypoparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Fahrettin KELEŞTİMUR</i>		
14.35- 15.20	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Endocrine hypertension <i>Fahrettin KELEŞTİMUR</i>	<b>Case Discussion Endocrinology</b> <i>Fahrettin KELEŞTİMUR</i>		
15.30-18.00	Independent Learning	Independent Learning			

**GROUP B- WEEK 5 / 30 December2024-03 January 2025 (TBA)**

	<b>Monday 30-Dec-2024</b>	<b>Tuesday 31-Dec-2024</b>	<b>Wednesday 01-Jan-2025</b>	<b>Thursday 02-Jan-2025</b>	<b>Friday 03-Jan-2025</b>
08:00- 17:00	TBA	TBA	HOLIDAY	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 6 / 06-10 January, 2025 (TBA)**

	<b>Monday 06-Jan-2025</b>	<b>Tuesday 07-Jan-2025</b>	<b>Wednesday 08-Jan-2025</b>	<b>Thursday 09-Jan-2025</b>	<b>Friday 10-Jan-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 7 / 13-17 January 2025 (TBA)**

	<b>Monday 13-Jan-2025</b>	<b>Tuesday 14-Jan-2025</b>	<b>Wednesday 15-Jan-2025</b>	<b>Thursday 16-Jan-2025</b>	<b>Friday 17-Jan-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 8 / 20-24 January 2025 (TBA)**

	<b>Monday 20-Jan-2025</b>	<b>Tuesday 21-Jan-2025</b>	<b>Wednesday 22-Jan-2025</b>	<b>Tuesday 23-Jan-2025</b>	<b>Friday 24-Jan-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 9 / 27-31 January 2025 (TBA)**

	<b>Monday 27-Jan-2025</b>	<b>Tuesday 28-Jan-2025</b>	<b>Wednesday 29-Jan-2025</b>	<b>Thursday 30-Jan-2025</b>	<b>Friday 31-Jan-2025</b>
<b>10.00 -12.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session</b>		<b>Oral Examination</b>
<b>12.00-13.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program		
<b>13.00-18.00</b>			<b>Independent Learning</b>	<b>Independent Learning</b>	

# INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP C 27.01.2025-28.03.2025

## GROUP C- WEEK 1/ 27-31 January,2025 (Koşuyolu)

	Monday 27-Jan-2025	Tuesday 28-Jan-2025	Wednesday 29-Jan-2025	Thursday 30-Jan-2025	Friday 31-Jan-2025
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Figen Atalay</i> <b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Ascites <i>Cengiz Pata</i>	<b>Lecture</b> Dysphagia <i>Cengiz Pata</i>
10:55 – 11.40	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</i>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	<b>Case Discussion Gastroenterology</b> <i>Cengiz Pata</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</i>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Chronic Hepatitis <i>Cengiz Pata</i>	<b>Lecture</b> Approach to the patients with bleeding disorders and thrombosis <i>Figen Atalay</i>
13.40 - 14.25	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Cengiz Pata</i>	<b>Lecture</b> Iron deficiency anemia <i>Elif Birtaş Ateşoğlu</i>
14.35- 15.20	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	<b>Case Discussion Nephrology</b> <i>Gülçin Kantarcı</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Cengiz Pata</i>	<b>Lecture</b> Megaloblastic anemia <i>Elif Birtaş Ateşoğlu</i>
15.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.15-18.00	Monday 27-Jan-2025	Tuesday 28-Jan-2025	Wednesday 29-Jan-2025	Thursday 30-Jan-2025	Friday 31-Jan-2025

**GROUP C- WEEK 2 / 03-05 Feb. Koşuyolu, 06-07 Feb. Kozyatağı,2025**

	<b>Monday 03-Feb-2025</b>	<b>Tuesday 04-Feb-2025</b>	<b>Wednesday 05-Feb-2025</b>	<b>Thursday 06-Feb-2025</b>	<b>Friday 07-Feb-2025</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	<b>Case Discussion Hematology</b> <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Bone marrow failure <i>Figen Atalay</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Cor pulmonale <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Plasma cell dyscrasias <i>Figen Atalay</i>	<b>Lecture</b> Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Asthma <i>Seha Akduman</i>	<b>Lecture</b> Hypopituitarism <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
<b>14.35- 15.20</b>	<b>Lecture</b> Peripheral blood smear <i>Figen Atalay</i>	<b>Case Discussion Chest Diseases</b> <i>Seha Akduman</i>		<b>Case Discussion (General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C- WEEK 3 / February 10-14, 2025 (Kozyatağı)**

	<b>Monday 10-Feb-2025</b>	<b>Tuesday 11-Feb-2025</b>	<b>Wednesday 12-Feb-2025</b>	<b>Thursday 13-Feb-2025</b>	<b>Friday 14-Feb-2025</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-1 <i>Abdullah Özkök</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-2 <i>Abdullah Özkök</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Taking History <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-1 <i>Abdullah Özkök</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to Patient with Vasculitis <i>Müge Bıçakçigil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-2 <i>Abdullah Özkök</i>
<b>14.35- 15.20</b>	<b>Case Discussion</b> <b>Chest Diseases</b> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçigil Kalaycı</i>	<b>Case Discussion</b> <b>Rheumatology</b> <i>Müge Bıçakçigil Kalaycı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C- WEEK 4 / 17-21 February 2025 (17-19 Feb.Kozyatağı; 20-21 Feb. TBA)**

	Monday 17-Feb-2025	Tuesday 18-Feb-2025	Wednesday 19-Feb-2025	Thursday 20-Feb-2025	Friday 21-Feb-2025
10.00 -10:45	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>	<b>Lecture</b> Hypothyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>	TBA	TBA
10:55 – 11.40	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>	<b>Lecture</b> Hyperthyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>		
11.40 – 12:45	LUNCH				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hyperparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Cushing's Syndrome <i>Fahrettin KELEŞTİMUR</i>	TBA	TBA
13.40 - 14.25	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Hypoparathyroidism <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Fahrettin KELEŞTİMUR</i>		
14.35- 15.20	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	<b>Lecture</b> Endocrine hypertension <i>Fahrettin KELEŞTİMUR</i>	<b>Case Discussion</b> <b>Endocrinology</b> <i>Fahrettin KELEŞTİMUR</i>		
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 5 / 24-28 February 2025 (TBA)**

	<b>Monday 24-Feb-2025</b>	<b>Tuesday 25-Feb-2025</b>	<b>Wednesday 26-Feb-2025</b>	<b>Tuesday 27-Feb-2025</b>	<b>Friday 28-Feb-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 6 / 03-07 March, 2025 (TBA)**

	<b>Monday 03-Mar-2025</b>	<b>Tuesday 04-Mar-2025</b>	<b>Wednesday 05-Mar-2025</b>	<b>Tuesday 06-Mar-2025</b>	<b>Friday 07-Mar-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 7 / 10-14 March 2025 (TBA)**

	<b>Monday 10-Mar-2025</b>	<b>Tuesday 11-Mar-2025</b>	<b>Wednesday 12-Mar-2025</b>	<b>Thursday 13-Mar-2025</b>	<b>Friday 14-Mar-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 8 / 17-21 March 2025 (TBA)**

	<b>Monday 17-Mar-2025</b>	<b>Tuesday 18-Mar-2025</b>	<b>Wednesday 19-Mar-2025</b>	<b>Tuesday 20-Mar-2025</b>	<b>Friday 21-Mar-2025</b>
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 9 / 24-28 March 2025 (TBA)**

	<b>Monday 24-Mar-2025</b>	<b>Tuesday 25-Mar-2025</b>	<b>Wednesday 26-Mar-2025</b>	<b>Thursday 27-Mar-2025</b>	<b>Friday 28-Mar-2025</b>
<b>10.00 -12.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Assessment Session</b>		<b>Oral Examination</b>
<b>12.00-13.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program		
<b>13.00-18.00</b>			<b>Independent Learning</b>	<b>Independent Learning</b>	

**INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP D**  
**07.04.2025-04.06.2025 GROUP D - WEEK 1 April 07-11,2025 (Koşuyolu)**

	Monday 07-Apr-2025	Tuesday 08-Apr-2025	Wednesday 09-Apr-2025	Thursday 10-Apr-2025	Friday 11-Apr-2025
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Figen Atalay</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Ascites <i>Cengiz Pata</i>	<b>Lecture</b> Dysphagia <i>Cengiz Pata</i>
	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</i>				
10:55 – 11.40	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</i>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>Lecture</b> Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	<b>Case Discussion</b> <b>Gastroenterology</b> <i>Cengiz Pata</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</i>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Chronic Hepatitis <i>Cengiz Pata</i>	<b>Lecture</b> Approach to the patients with bleeding disorders and thrombosis <i>Figen Atalay</i>
13.40 - 14.25	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	<b>Lecture</b> Gastrointestinal Bleeding <i>Cengiz Pata</i>	<b>Lecture</b> Iron deficiency anemia <i>Elif Birtaş Ateşoğlu</i>
14.35- 15.20	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Serkan Çelik</i>	<b>Lecture</b> Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	<b>Case Discussion</b> <b>Nephrology</b> <i>Gülçin Kantarcı</i>	<b>Lecture</b> Liver Enzyme Disorder <i>Cengiz Pata</i>	<b>Lecture</b> Megaloblastic anemia <i>Elif Birtaş Ateşoğlu</i>
15.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D - WEEK 2 / 14-16 Apr. Koşuyolu 17-18 Apr. Kozyatağı, 2025**

	<b>Monday 14-Apr-2025</b>	<b>Tuesday 15-Apr-2025</b>	<b>Wednesday 16-Apr-2025</b>	<b>Thursday 17-Apr-2025</b>	<b>Friday 18-Apr-2025</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	<b>Case Discussion Hematology</b> <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>
<b>10:55 – 11.40</b>	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Bone marrow failure <i>Figen Atalay</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Cor pulmonale <i>Seha Akduman</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
<b>11.40 – 12:45</b>	<b>LUNCH</b>				
<b>12.45 - 13.30</b>	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Plasma cell dyscrasias <i>Figen Atalay</i>	<b>Lecture</b> Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
<b>13.40 - 14.25</b>	<b>Lecture</b> Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Asthma <i>Seha Akduman</i>	<b>Lecture</b> Hypopituitarism <i>Fahrettin Keleştimur</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
<b>14.35- 15.20</b>	<b>Lecture</b> Peripheral blood smear <i>Figen Atalay</i>	<b>Case Discussion Chest Diseases</b> <i>Seha Akduman</i>		<b>Case Discussion (General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	
<b>15.30-18.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D - WEEK 3 / April 21-25, 2025 (Kozyatağı)**

	Monday 21-Apr-2025	Tuesday 22-Apr-2025	Wednesday 23-Apr-2025	Thursday 24-Apr-2025	Friday 26-Apr-2025
10.00 -10:45	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	NATIONAL HOLIDAY	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>
10:55 – 11.40	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>		Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>
11.40 – 12:45	LUNCH				
12.45 - 13.30	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Taking History <i>M. Akif Öztürk</i>	NATIONAL HOLIDAY	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Taking History <i>M. Akif Öztürk</i>
13.40 - 14.25	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>		Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Examination of Head and Neck <i>M. Akif Öztürk</i>
14.35- 15.20	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>		Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Fever Of Unknown Origin <i>M. Akif Öztürk</i>
15.30-18.00	Independent Learning	Independent Learning		Independent Learning	Independent Learning

**GROUP D - WEEK 4 / 28 April-02-May 2025 (Kozyatağı)**

	Monday 28-Apr-2025	Tuesday 29-Apr-2025	Wednesday 30-Apr-2025	Thursday 01-May-2025	Friday 02-May-2025
10.00 -10:45	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Lecture Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>	Lecture Hypothyroidism <i>Fahrettin KELEŞTİMUR</i>	NATIONAL HOLIDAY	Lecture Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>
10:55 – 11.40	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>	Lecture Hyperthyroidism <i>Fahrettin KELEŞTİMUR</i>		Lecture Metabolic Bone Disease <i>Fahrettin KELEŞTİMUR</i>
11.40 – 12:45	LUNCH				
12.45 - 13.30	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Treatment of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	Lecture Hyperparathyroidism <i>Fahrettin KELEŞTİMUR</i>	NATIONAL HOLIDAY	Lecture Cushing's Syndrome <i>Fahrettin KELEŞTİMUR</i>
13.40 - 14.25	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Acute Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	Lecture Hypoparathyroidism <i>Fahrettin KELEŞTİMUR</i>		Lecture Goiter and Thyroid Cancer <i>Fahrettin KELEŞTİMUR</i>
14.35- 15.20	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Chronic Complications of Diabetes Mellitus <i>Fahrettin KELEŞTİMUR</i>	Lecture Endocrine hypertension <i>Fahrettin KELEŞTİMUR</i>		Case Discussion Endocrinology <i>Fahrettin KELEŞTİMUR</i>
15.30-18.00	Independent Learning	Independent Learning	Independent Learning		Independent Learning

**GROUP D - WEEK 5 / 05-09 May 2025 (TBA)**

	Monday 05-May-2025	Tuesday 06-May-2025	Wednesday 07-May-2025	Thursday 08-May-2025	Friday 09-May-2025
10.00 -10:45	TBA	TBA	TBA	TBA	TBA
10:55 – 11.40					
11.40 – 12:45					
12.45 - 13.30	TBA	TBA	TBA	TBA	TBA
13.40 - 14.25					
14.35- 15.20					
15.30-18.00	Independent Learning		Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 6 / 12-16 May 2025 (TBA)**

	Monday 12-May-2025	Tuesday 13-May-2025	Wednesday 14-May-2025	Thursday 15-May-2025	Friday 16-May-2025
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 7 / 19-23 May 2025(TBA)**

	Monday 19-May-2025	Tuesday 20-May-2025	Wednesday 21-May-2025	Tuesday 22-May-2025	Friday 23-May-2025
08:00- 17:00	NATIONAL HOLIDAY	TBA	TBA	TBA	TBA
17:00 – 18.00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 8 / 26 – 30 May 2025(TBA)**

	Monday 26-May-2025	Tuesday 27-May-2025	Wednesday 28-May-2025	Tuesday 29-May-2025	Friday 30-May-2025
08:00- 17:00	TBA	TBA	TBA	TBA	TBA
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 9 / 02 – 06 June 2025(TBA)**

	Monday 02-Jun-2025	Tuesday 03-Jun-2025	Wednesday 04-Jun-2025	Thursday 05-Jun-2025	Friday 06-Jun-2024
08:00- 17:00	TBA	TBA	TBA	RELIGUOS DAY	RELIGUOS DAY
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning		

**GROUP D - WEEK 10 /09-13 Jun, 2025 (TBA)**

	<b>Monday 09-Jun-2025</b>	<b>Tuesday 10-Jun-2025</b>	<b>Wednesday 11-Jun-2025</b>	<b>Thursday 12-Jun-2025</b>	<b>Friday 13-Jun-2024</b>
<b>10.00 -12.00</b>	<b>RELIGUOS DAY</b>	<b>Independent Learning</b>	<b>Assessment Session</b>		<b>Oral Examination</b>
<b>12.00-13.00</b>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program		
<b>13.00-18.00</b>			<b>Independent Learning</b>	<b>Independent Learning</b>	

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**CHILD HEALTH and PEDIATRICS**  
**YEDİTEPE UNIVERSITY HOSPITAL**

Hülya Sarıçoban, MD.PhD. Prof. (Head of the Department)

Filiz Bakar, MD. Prof.

Sabri Kemahlı, MD. Prof.

Haluk Topaloğlu, MD. Prof

Nevin Yalman, MD. Prof.

Elif Sağsak, MD. Assoc. Prof.

Emine Manolya Kara, MD, Assoc. Prof

Mustafa Berber, MD. Assist. Prof.

Çetin Timur, MD. Assist. Prof.

Seyhan Perihan Çobanoğlu Saf, MD. Assist. Prof.

Coşkun Saf, MD. Assist. Prof.

Burçin Yorgancı Kale, MD. Assist. Prof

Çiğdem Yanar Ayanoğlu, MD. Lecturer

Fatma Tülin Şimşek, MD. Lecturer

Büşra Çağlar, MD. Lecturer

Erdem Toprak, MD. Lecturer

İsmet Düşmez, MD. Lecturer

Fulya Coşkunol, MD. Lecturer

**&**

**MINISTRY OF HEALTH**  
**İSTANBUL TRAINING AND RESEARCH HOSPITAL**

Serdar Cömert, MD, Assoc. Prof

## AIM AND LEARNING OBJECTIVES OF PEDIATRICS

### AIM

Aim of this clerkship is to;

1. **equip** students *with* necessary knowledge, skills and attitudes required for an appropriate Approach to healthy child and pediatric Patient,
2. **convey** necessary knowledge on preventive healthcare measures,
3. **equip** students *with* necessary knowledge, skills and attitudes required for *achieving* diagnosis and differential diagnosis in basic childhood diseases,
4. **equip** students *with* necessary knowledge, skills and attitudes required to perform primary care prophylaxis and treatment
5. **equip** students *with* necessary knowledge, skills and attitudes to refer Patient to advanced healthcare units upon indication

### LEARNING OBJECTIVES

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

#### KNOWLEDGE

1. **describe** the growth and development from birth throughout childhood (physical, physiologic, and psychosocial) and its clinical application
2. **describe** the presentation, pathophysiology, clinical and laboratory features of common pediatric acute and chronic disorders
3. **list** required procedures and investigations for the diagnosis and follow-up of pediatric patients
4. **describe** the initial steps of stabilization of newborns
5. **describe** the management of common pediatric disorders
6. **describe** the childhood immunization schedule
7. **describe** the nutritional requirements and principles of nutrition for infants and children

#### SKILLS

8. **obtain** an appropriate history of patients and families as necessary
9. **perform** proper physical examination in newborns, infants and children considering special features related to age
10. **assess** physical-motor-mental development of children
11. **perform** basic clinical procedures and interventions
12. **provide** basic life support to neonates and children
13. **obtain** required samples for laboratory investigations
14. **interpret** clinical and laboratory data
15. **perform** required vaccinations
16. **prepare** nutrition plan for infants and children
17. **provide** a prioritized problem list
18. **manage** common pediatric disorders and emergency cases
19. **present** patients clearly by written and oral means
20. **refer** patients to advanced healthcare units when indicated
21. **use** written and online sources correctly and efficiently to access evidence-based information

#### ATTITUDES

22. **respect** and **understand** of the roles, responsibilities and relationship of primary care and specialty care providers
23. **demonstrate** interpersonal skills and professionalism in relations with patients, families and healthcare staff
24. **show** respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
25. **communicate** and **collaborate** effectively with colleagues, teaching staff and other members of the healthcare team

## ASSESSMENT

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

<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	45%
<b>Total</b>	<b>45 %</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion</b>
Structured Oral Exam (OE)	40%
Objective Structured Clinical Exam (OSCE)	13%
Logbook	2%
<b>Total</b>	<b>55 %</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	45%
Other Assessment Methods and Tools	55%
<b>Total</b>	<b>100 %</b>

**PEDIATRICS- Group B WEEK I / 23-27 September 2024**

	<b>Monday 23-Sep-2024 (Kozyatağı)</b>	<b>Tuesday 24-Sep-2024 (Koşuyolu)</b>	<b>Wednesday 25-Sep-2024 (Kozyatağı)</b>	<b>Thursday 26-Sep-2024 (Koşuyolu)</b>	<b>Friday 27-Sep-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <b>Hülya Sarıçoban</b> <b>Emine Manolya Kara</b> <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Infections of Central Nervous System <b>Emine Manolya Kara</b>	<b>Lecture</b> Respiratory Failure Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Hypoglisemia <b>Elif Sağsak</b>
10.00- 10.50	<b>Lecture</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Respiratory System Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Tuberculosis <b>Emine Manolya Kara</b>	<b>Lecture</b> Intoxications Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Hemophilia, Thrombosis and Disseminated Intravascular Coagulation <b>Sabri Kemahlı</b>
11.00-11.50	<b>Lecture</b> Child Health Monitoring <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Newborn Examination <b>Filiz Bakar</b>	<b>Lecture</b> Sepsis and Meningococemia <b>Emine Manolya Kara</b>	<b>Lecture</b> Upper Respiratory Tract Infections <b>Coşkun Saf</b>	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <b>Sabri Kemahlı</b>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Peripheral Blood Smear Evaluation <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <b>Perihan Saf</b>	<b>Lecture</b> Neurological Examination <b>Haluk Topaloğlu</b>	<b>Lecture</b> Blood Transfusions and Complications <b>Sabri Kemahlı</b>
14.00- 14.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <b>Perihan Saf</b>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy <b>Haluk Topaloğlu</b>	<b>Lecture</b> Coma and Stroke <b>Haluk Topaloğlu</b>
15.00- 15.50	<b>Practice</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <b>Nevin Yalman</b>	<b>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <b>Hülya Sarıçoban</b>	<b>Lecture</b> Mitochondrial Diseases <b>Haluk Topaloğlu</b>	<b>Lecture</b> Approach to the Patient with Convulsion <b>Haluk Topaloğlu</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Group B WEEK II / 30 September -04 October 2024**

	<b>Monday 30-Sep-2024 (Kozytağı)</b>	<b>Tuesday 01-Oct-2024 (Kozytağı)</b>	<b>Wednesday 02-Oct-2024 (Kozyatağı)</b>	<b>Thursday 03-Oct-2024 (Kozyatağı)</b>	<b>Friday 04-Oct-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Tülin Şimşek Filiz Bakar</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Nevin Yalman</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Independent Learning</b>	<b>Lecture</b> Constipation <i>Hülya Sarıçoban Büşra Çağlar</i>	<b>Lecture</b> Malignancy in Childhood <i>Nevin Yalman</i>
15.00- 15.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i>	<b>Practice</b> (Chest X-Ray Evaluation) <i>Coşkun Saf</i>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Group B WEEK III / 07-11 October 2024**

	<b>Monday 07-Oct-2024 (Koşuyolu)</b>	<b>Tuesday 08-Oct-2024 (Kozyatağı)</b>	<b>Wednesday 09-Oct-2024 (Kozyatağı)</b>	<b>Thursday 10-Oct-2024 (Koşuyolu/Kozyatağı)</b>	<b>Friday 11-Oct-2024 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-1 <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Growth, Development, and Growth Retardation1 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-2 <i>Manolya Kara</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Growth, Development, and Growth Retardation2 <i>Elif Sağsak</i>	<b>Lecture</b> Hepatitis <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Acid-Base Disorders <i>Perihan Saf</i>
15.00- 15.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Group B WEEK IV / 14-18 October 2024**

	<b>Monday 14-Oct-2024 (Kozyatağı)</b>	<b>Tuesday 15-Oct-2024 (Kozyatağı)</b>	<b>Wednesday 16-Oct-2024 (Kozyatağı)</b>	<b>Thursday 17-Oct-2024 (Koşuyolu)</b>	<b>Friday 18-Oct-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Diabetes Mellitus <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Coşkun Saf</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Diabetic Ketoacidosis <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Özge Pamukçu Akay</i>
11.00-11.50	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Inborn Errors of Metabolism-1 <i>Fulya Coşkunol</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	<b>Lecture</b> Acute Glomerulonephritis <i>Erdem Toprak Filiz Bakar</i>	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Hypertension <i>Çiğdem Yanar Hülya Sariçoban</i>	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Manolya Kara</i>	<b>Lecture</b> Muscular Dystrophy <i>Haluk Topaloğlu</i>	<b>Lecture</b> Clinical Enzmology and Liver Function Tests <i>Jale Çoban</i>
14.00- 14.50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar Hülya Sariçoban</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	<b>Lecture</b> Tetanus, Diptheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Lecture</b> Acute Flaccid Paralysis <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>
15.00- 15.50	<b>Practice</b> (CPR) <i>Perihan Saf</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-2 <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK V / 21-25 October 2024**

	<b>Monday 21-Oct-2024</b>	<b>Tuesday 22-Oct-2024</b>	<b>Wednesday 23-Oct-2024</b>	<b>Thursday 24-Oct-2024</b>	<b>Friday 25-Oct-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK VI / 28 October-1 November 2024**

	<b>Monday 28-Oct-2024</b>	<b>Tuesday 29-Oct-2024</b>	<b>Wednesday 30-Oct-2024</b>	<b>Tuesday 31-Oct-2024</b>	<b>Friday 01-Nov-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>NATIONAL HOLIDAY</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>NATIONAL HOLIDAY</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK VII 4-8 November 2024**

	<b>Monday 04-Nov-2024</b>	<b>Tuesday 05-Nov-2024</b>	<b>Wednesday 06-Nov-2024</b>	<b>Tuesday 07-Nov-2024</b>	<b>Friday 08-Nov-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK VIII / 11-15 November 2024**

	<b>Monday 11-Nov-2024</b>	<b>Tuesday 12-Nov-2024</b>	<b>Wednesday 13-Nov-2024</b>	<b>Tuesday 14-Nov-2024</b>	<b>Friday 15-Nov-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK IX / 18-22 November 2024**

	<b>Monday 18-Nov-2024</b>	<b>Tuesday 19-Nov-2024</b>	<b>Wednesday 20-Nov-2024</b>	<b>Tuesday 21-Nov-2024</b>	<b>Friday 22-Nov-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP B WEEK X / 25-29 November 2024**

	<b>Monday 25-Nov-2024</b>	<b>Tuesday 26-Nov-2024</b>	<b>Wednesday 27-Nov-2024</b>	<b>Tuesday 28-Nov-2024</b>	<b>Friday 29-Nov-2024</b>
09.00 -12:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>OSCE</b>	<b>Assessment Session</b>	<b>Oral Examination</b>
13.00- 14:20			<b>Independent Learning</b>	<b>Lunch</b>	
14.25 - 15.10				<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program	
				<b>Independent Learning</b>	<b>Independent Learning</b>

### CHILD HEALTH and PEDIATRICS - GROUP A WEEK I / 02-06 December 2024

	Monday 02-Nov-2024 (Kozyatağı)	Tuesday 03-Nov-2024 (Koşuyolu)	Wednesday 04-Nov-2024 (Kozyatağı)	Thursday 05-Nov-2024 (Koşuyolu)	Friday 06-Nov-2024 (Kozyatağı) (Koşuyolu)
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <b>Hülya Sarıçoban</b> <b>Emine Manolya Kara</b> <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Infections of Central Nervous System <b>Emine Manolya Kara</b>	<b>Lecture</b> Respiratory Failure Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Hypoglisemia <b>Elif Sağsak</b>
10.00- 10.50	<b>Lecture</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Respiratory System Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Tuberculosis <b>Emine Manolya Kara</b>	<b>Lecture</b> Intoxications Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <b>Sabri Kemahlı</b>
11.00-11.50	<b>Lecture</b> Child Health Monitoring <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Newborn Examination <b>Filiz Bakar</b>	<b>Lecture</b> Sepsis and Meningococemia <b>Emine Manolya Kara</b>	<b>Lecture</b> Upper Respiratory Tract Infections <b>Coşkun Saf</b>	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <b>Sabri Kemahlı</b>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Peripheral Blood Smear Evaluation <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <b>Perihan Saf</b>	<b>Lecture</b> Neurological Examination <b>Haluk Topaloğlu</b>	<b>Lecture</b> Blood Transfusions and Complications <b>Sabri Kemahlı</b>
14.00- 14.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <b>Perihan Saf</b>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy <b>Haluk Topaloğlu</b>	<b>Lecture</b> Coma and Stroke <b>Haluk Topaloğlu</b>
15.00- 15.50	<b>Practice</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <b>Nevin Yalman</b>	<b>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <b>Hülya Sarıçoban</b>	<b>Lecture</b> Mitochondrial Diseases <b>Haluk Topaloğlu</b>	<b>Lecture</b> Approach to the Patient with Convulsion <b>Haluk Topaloğlu</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK II / 09-13 December 2024**

	<b>Monday 09-Nov-2024 (Kozyatağı)</b>	<b>Tuesday 10-Nov-2024 (Kozyatağı)</b>	<b>Wednesday 11-Dec-2024 (Kozyatağı)</b>	<b>Thursday 12-Dec-2024 (Kozyatağı)</b>	<b>Friday 13-Dec-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Tülin Şimşek Filiz Bakar</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Nevin Yalman</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Independent Learning</b>	<b>Lecture</b> <b>Constipation</b> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Malignancy in Childhood <i>Nevin Yalman</i>
15.00- 15.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i>	<b>Practice</b> (Chest X-Ray Evaluation) <i>Coşkun Saf</i>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK III / 16-20 December 2024**

	<b>Monday 16-Dec-2024 (Koşuyolu)</b>	<b>Tuesday 17-Dec-2024 (Kozyatağı)</b>	<b>Wednesday 18-Dec-2024 (Kozyatağı)</b>	<b>Thursday 19-Dec-2024 (Koşuyolu)</b>	<b>Friday 20-Dec-2023 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-1 <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Growth, Development, and Growth Retardation1 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-2 <i>Manolya Kara</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Growth, Development, and Growth Retardation2 <i>Elif Sağsak</i>	<b>Lecture</b> Hepatitis <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
12.00- 12:50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13:50	<b>Lecture</b> Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Acid-Base Disorders <i>Perihan Saf</i>
15.00- 15:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.00-16:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK IV / 23-27 December 2024**

	<b>Monday 23-Dec-2024 (Kozyatağı)</b>	<b>Tuesday 24-Dec-2024 (Kozyatağı)</b>	<b>Wednesday 25-Dec-2024 (Kozyatağı)</b>	<b>Thursday 26-Dec-2024 (Koşuyolu)</b>	<b>Friday 27-Dec-2024 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Diabetes Mellitus <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Coşkun Saf</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Diabetic Ketoacidosis <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Özge Pamukçu Akay</i>
11.00-11.50	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Inborn Errors of Metabolism-1 <i>Fulya Coşkunol</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	<b>Lecture</b> Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Hypertension <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Manolya Kara</i>	<b>Lecture</b> Muscular Dystrophy <i>Haluk Topaloğlu</i>	<b>Lecture</b> Clinical Enzymology and Liver Function Tests <i>Jale Çoban</i>
14.00- 14.50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	<b>Lecture</b> Tetanus, Diphtheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Lecture</b> Acute Flaccid Paralysis <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>
15.00- 15.50	<b>Practice</b> (CPR) <i>Perihan Saf</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-2 <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK V / 30 December 2024-3 January 2025**

	<b>Monday 30-Dec-2024</b>	<b>Tuesday 31-Dec-2024</b>	<b>Wednesday 01- Jan-2025</b>	<b>Thursday 02- Jan-2025</b>	<b>Friday 03- Jan-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>NEW YEAR</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK VI / 06-10 January 2025**

	<b>Tuesday 06- Jan-2025</b>	<b>Tuesday 07- Jan-2025</b>	<b>Wednesday 08- Jan-2025</b>	<b>Tuesday 09- Jan-2025</b>	<b>Friday 10- Jan-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK VII / 13-17 January 2025**

	<b>Monday 13- Jan-2025</b>	<b>Tuesday 14- Jan-2025</b>	<b>Wednesday 15- Jan-2025</b>	<b>Tuesday 16- Jan-2025</b>	<b>Friday 17- Jan-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK VIII / 20-24 January 2025**

	<b>Monday 20- Jan-2025</b>	<b>Tuesday 21- Jan-2025</b>	<b>Wednesday 22- Jan-2025</b>	<b>Tuesday 23- Jan-2025</b>	<b>Friday 24- Jan-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK IX / 27 – 31 January 2024**

	<b>Monday 27-Jan-2025</b>	<b>Tuesday 28-Jan-2025</b>	<b>Wednesday 29-Jan-2025</b>	<b>Tuesday 30-Jan-2025</b>	<b>Friday 31-Jan-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A WEEK X / 03-07 February 2025**

	<b>Monday 03-Feb-2025</b>	<b>Tuesday 04-Feb-2025</b>	<b>Wednesday 05-Feb-2025</b>	<b>Thursday 06-Feb-2025</b>	<b>Friday 07-Feb-2025</b>
09.00 -12:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>OSCE</b>	<b>Assessment Session</b>	<b>Oral Examination</b>
				<b>Lunch</b>	
13.00- 14:20			<b>Independent Learning</b>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program	
14.25 - 15.10				<b>Independent Learning</b>	<b>Independent Learning</b>

**CHILD HEALTH and PEDIATRICS – GROUP D WEEK I / 27-31 January 2025**

	<b>Monday 27-Jan-2025 (Kozyatağı)</b>	<b>Tuesday 28-Jan-2025 (Koşuyolu)</b>	<b>Wednesday 29-Jan-2025 (Kozyatağı)</b>	<b>Thursday 30-Jan-2025 (Koşuyolu)</b>	<b>Friday 31-Jan-2025 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <b>Hülya Sarıçoban</b> <b>Emine Manolya Kara</b> <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Infections of Central Nervous System <b>Emine Manolya Kara</b>	<b>Lecture</b> Respiratory Failure Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Hypoglisemia <b>Elif Sağsak</b>
10.00- 10.50	<b>Lecture</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Respiratory System Examination <b>Filiz Bakar</b> <b>Erdem Toprak</b>	<b>Lecture</b> Tuberculosis <b>Emine Manolya Kara</b>	<b>Lecture</b> Intoxications Filiz Bakar <b>Tülin Şimşek</b>	<b>Lecture</b> Hemophilia, Thrombosis and Disseminated Intravascular Coagulation <b>Sabri Kemahlı</b>
11.00-11.50	<b>Lecture</b> Child Health Monitoring <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Newborn Examination <b>Filiz Bakar</b>	<b>Lecture</b> Sepsis and Meningococcemia <b>Emine Manolya Kara</b>	<b>Lecture</b> Upper Respiratory Tract Infections <b>Coşkun Saf</b>	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <b>Sabri Kemahlı</b>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Peripheral Blood Smear Evaluation <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <b>Perihan Saf</b>	<b>Lecture</b> Neurological Examination <b>Haluk Topaloğlu</b>	<b>Lecture</b> Blood Transfusions and Complications <b>Sabri Kemahlı</b>
14.00- 14.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <b>Özge Pamukçu Akay</b>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <b>Perihan Saf</b>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy <b>Haluk Topaloğlu</b>	<b>Lecture</b> Coma and Stroke <b>Haluk Topaloğlu</b>
15.00- 15.50	<b>Practice</b> History Taking <b>Burçin Yorgancı Kale</b>	<b>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <b>Nevin Yalman</b>	<b>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <b>Hülya Sarıçoban</b>	<b>Lecture</b> Mitochondrial Diseases <b>Haluk Topaloğlu</b>	<b>Lecture</b> Approach to the Patient with Convulsion <b>Haluk Topaloğlu</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK II / 03-07 February 2025**

	<b>Monday 03-Feb-2025 (Kozyatağı)</b>	<b>Tuesday 04-Feb-2025 (Kozyatağı)</b>	<b>Wednesday 05-Feb-2025 (Kozyatağı)</b>	<b>Thursday 06-Feb-2025 (Kozyatağı)</b>	<b>Friday 07-Feb-2025 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Özge Pamukçu Akay</i>
10.00- 10:50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Tülin Şimşek Filiz Bakar</i>
12.00- 12:50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13:50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Nevin Yalman</i>
14.00- 14:50	<b>Independent Learning</b>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Independent Learning</b>	<b>Lecture</b> <b>Constipation</b> <i>Hülya Sarıçoban Büşra Çağlar</i>	<b>Lecture</b> Malignancy in Childhood <i>Nevin Yalman</i>
15.00- 15:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i>	<b>Practice</b> (Chest X-Ray Evaluation) <i>Coşkun Saf</i>
16.00-16:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK III / 10 - 14 February 2025**

	<b>Monday 10-Feb-2025 (Koşuyolu)</b>	<b>Tuesday 11-Feb-2025 (Kozyatağı)</b>	<b>Wednesday 12-Feb-2025 (Kozyatağı)</b>	<b>Thursday 13-Feb-2025 (Koşuyolu)</b>	<b>Friday 14-Feb-2025 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-1 <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Growth, Development, and Growth Retardation1 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases-2 <i>Manolya Kara</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Growth, Development, and Growth Retardation2 <i>Elif Sağsak</i>	<b>Lecture</b> Hepatitis <i>Manolya Kara</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Acid-Base Disorders <i>Perihan Saf</i>
15.00- 15.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK IV / 17-21 February 2025**

	<b>Monday 17-Feb-2025 (Kozyatağı)</b>	<b>Tuesday 18-Feb-2025 (Kozyatağı)</b>	<b>Wednesday 19-Feb-2025 (Kozyatağı)</b>	<b>Thursday 20-Feb-2025 (Koşuyolu)</b>	<b>Friday 21-Feb-2025 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Diabetes Mellitus <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Coşkun Saf</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Diabetic Ketoacidosis <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Özge Pamukçu Akay</i>
11.00-11.50	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Inborn Errors of Metabolism-1 <i>Fulya Coşkunol</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>	<b>Lecture</b> Acute Glomerulonephritis <i>Erdem Toprak Filiz Bakar</i>	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Hypertension <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Manolya Kara</i>	<b>Lecture</b> Muscular Dystrophy <i>Haluk Topaloğlu</i>	<b>Lecture</b> Clinical Enzymology and Liver Function Tests <i>Jale Çoban</i>
14.00- 14.50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	<b>Lecture</b> Tetanus, Diphtheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Lecture</b> Acute Flaccid Paralysis <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Dysmorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşucu</i>
15.00- 15.50	<b>Practice</b> (CPR) <i>Perihan Saf</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-2 <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK V / 24-28 February 2025**

	<b>Monday 24-Feb-2025</b>	<b>Tuesday 25-Feb-2025</b>	<b>Wednesday 26-Feb-2025</b>	<b>Thursday 27-Feb-2025</b>	<b>Friday 28-Feb-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK VI / 03-07 March 2025**

	<b>Monday 03-Mar-2025</b>	<b>Tuesday 04-Mar-2025</b>	<b>Wednesday 05-Mar-2025</b>	<b>Tuesday 06-Mar-2025</b>	<b>Friday 07-Mar-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK VII / 10-14 March 2025**

	<b>Monday 10-March-2025</b>	<b>Tuesday 11-March-2025</b>	<b>Wednesday 12-March-2025</b>	<b>Tuesday 13-March-2025</b>	<b>Friday 14-March-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK VIII / 17-21 March 2025**

	<b>Monday 17-March-2025</b>	<b>Tuesday 18-March-2025</b>	<b>Wednesday 19-March-2025</b>	<b>Tuesday 20-March-2025</b>	<b>Friday 21-March-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK IX / 24-28 March 2025**

	<b>Monday 24-March-2025</b>	<b>Tuesday 25-March-2025</b>	<b>Wednesday 26-March-2025</b>	<b>Tuesday 27-March-2025</b>	<b>Friday 28-March-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>ÜMRANİYE TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D WEEK X / 31 March-04 April 2025**

	<b>Monday 31-March-2025</b>	<b>Tuesday 01-April-2025</b>	<b>Wednesday 02-April-2025</b>	<b>Thursday 03-April-2025</b>	<b>Friday 04-April-2025</b>
<b>09.00 -12:00</b>	<b>RELIGIOUS HOLIDAY</b>	<b>RELIGIOUS HOLIDAY</b>	<b>OSCE</b>	<b>Assessment Session</b>	<b>Oral Examination</b>
				<b>Lunch</b>	
<b>13.00- 14:20</b>			<b>Independent Learning</b>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program	
				<b>Independent Learning</b>	
<b>14.25 - 15.10</b>					<b>Independent Learning</b>

**CHILD HEALTH and PEDIATRICS – GROUP C WEEK I / 10 – 11 April 2025**

	<b>Thursday 10-Apr-2025 (Kozyatağı)</b>	<b>Friday 11 Apr-2025 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <i>Hülya Sarıçoban</i> <i>Emine Manolya Kara</i> <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <i>Filiz Bakar</i> <i>Erdem Toprak</i>
10.00- 10.50	<b>Lecture</b> History Taking <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Respiratory System Examination <i>Filiz Bakar</i> <i>Erdem Toprak</i>
11.00-11.50	<b>Lecture</b> Child Health Monitoring <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Çetin Timur</i>
14.00- 14.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>
15.00- 15.50	<b>Practice</b> History Taking <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <i>Nevin Yalman</i>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK II / 14 – 18 April 2025**

	<b>Monday</b> <b>14 Apr-2025 (Kozyatağı)</b>	<b>Tuesday</b> <b>15 Apr-2025 (Kozyatağı)</b>	<b>Wednesday</b> <b>16 Apr-2025 (Kozyatağı)</b>	<b>Wednesday</b> <b>17 Apr-2025 (Koşuyolu)</b>	<b>Wednesday</b> <b>18 Apr-2025 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Infections of Central Nervous System <i>Emine Manolya Kara</i>	<b>Lecture</b> Respiratory Failure Filiz Bakar <i>Tülin Şimşek</i>	<b>Lecture</b> Hypoglisemia <i>Elif Sağsak</i>
10.00- 10.50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i>	<b>Lecture</b> Tuberculosis <i>Emine Manolya Kara</i>	<b>Lecture</b> Intoxications Filiz Bakar <i>Tülin Şimşek</i>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
11.00-11.50	<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar Hülya Sarıçoban</i>	<b>Lecture</b> Sepsis and Meningococcemia <i>Emine Manolya Kara</i>	<b>Lecture</b> Upper Respiratory Tract Infections <i>Coşkun Saf</i>	<b>Lecture</b> Haemoglobinopathies (Thalassemia and Sickle Cell Anemia) <i>Sabri Kemahlı</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Perihan Saf</i>	<b>Lecture</b> Neurological Examination <i>Haluk Topaloğlu</i>	<b>Lecture</b> Blood Transfusions and Complications <i>Sabri Kemahlı</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Perihan Saf</i>	<b>Lecture</b> Perinatal Asphyxia, Cerebral Palsy <i>Haluk Topaloğlu</i>	<b>Lecture</b> Coma and Stroke <i>Haluk Topaloğlu</i>
15.00- 15.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<i>Independent Learning</i>

**GROUP C WEEK III/ 21-25 April 2025**

	<b>Monday</b> <b>21-Apr-2025 (Koşuyolu)</b>	<b>Tuesday</b> <b>22-Apr-2025 (Kozyatağı)</b>	<b>Wednesday</b> <b>23-Apr-2025</b>	<b>Thursday</b> <b>24-Apr-2025 (Koşuyolu)</b>	<b>Friday</b> <b>25-Apr-2025 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>NATIONAL HOLIDAY</b>	<b>Lecture</b> Neonatal Hyperbilirubinemia <i>Filiz Bakar</i>	<b>Lecture</b> Metabolic Disorders in Newborn <i>Mustafa Berber</i>
10.00- 10.50	<b>Lecture</b> Diseases of Myocardium and Pericardium <i>Özge Pamukçu Akay</i>	<b>Lecture</b> Growth, Development, and Growth Retardation1 <i>Elif Sağsak</i>		<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Growth, Development, and Growth Retardation2 <i>Elif Sağsak</i>		<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>		<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Adrenal Hypo/Hyper Function <i>Elif Sağsak</i>	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>		<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	<b>Lecture</b> Muscular Dystrophy <i>Haluk Topaloğlu</i>	<b>Independent Learning</b>		<b>Lecture</b> Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Acid-Base Disorders <i>Perihan Saf</i>
15.00- 15.50	<b>Lecture</b> Acute Flaccid Paralysis <i>Haluk Topaloğlu</i>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>
16.00-16.50	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK IV / 28 April – 02 May 2025**

	<b>Monday</b> <b>28-Apr-2025 (Kozyatağı)</b>	<b>Tuesday</b> <b>29-Apr-2025 (Kozyatağı)</b>	<b>Wednesday</b> <b>30-Apr-2025 (Kozyatağı)</b>	<b>Thursday</b> <b>01-May-2025</b>	<b>Friday</b> <b>02-May-2025 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Diabetes Mellitus <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>LABOURERS DAY</b>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Özge Pamukçu Akay</i>
10.00- 10:50	<b>Lecture</b> Diabetic Ketoacidosis <i>Elif Sağsak</i>	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>		<b>Lecture</b> Congenital Heart Diseases-2 <i>Özge Pamukçu Akay</i>
11.00-11:50	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>	<b>Lecture</b> Inborn Errors of Metabolism-1 <i>Fulya Coşkunol</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>		<b>Practice</b> (Immunization) <i>Burçin Yorgancı Kale</i>
12.00- 12:50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>		<b>Lunch</b>
13.00- 13:50	<b>Lecture</b> Hypertension <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Manolya Kara</i>		<b>Lecture</b> Clinical Enzmology and Liver Function Tests <i>Jale Çoban</i>
14.00- 14:50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Elif Sağsak</i>	<b>Lecture</b> Tetanus, Diptheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>		<b>Lecture</b> Approach to the Dymorphic Child and Common Genetic Disorders in Pediatrics <i>Ayşegül Kuşkucu</i>
15.00- 15:50	<b>Practice</b> (CPR) <i>Perihan Saf</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-2 <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>		<b>Lecture</b> Acute and Chronic Renal Failure <i>Coşkun Saf</i>
16.00-16:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>

**GROUP C WEEK V /05-09 May 2025**

	<b>Monday 05-May-2025 (Koşuyolu)</b>	<b>Tuesday 06-May-2025 (Kozyatağı)</b>	<b>Wednesday 07-May-2025</b>	<b>Thursday 08-May-2025 (Koşuyolu)</b>	<b>Friday 09-May-2025 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> <b>Constipation</b> <i>Hülya Sarıçoban</i> <i>Büşra Çağlar</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Özge Pamukçu Akay</i>
10.00- 10.50	<b>Lecture</b> Malignancy in Childhood <i>Nevin Yalman</i>	<b>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Practice</b> (Chest X-Ray Evaluation) <i>Coşkun Saf</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Tülin Şimşek</i> <i>Filiz Bakar</i>
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00- 13.50	<b>Lecture</b> Mitochondrial Diseases <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Neonatal Respiratory Distress-2 <i>Mustafa Berber</i>	<b>Lecture</b> Introduction to Pediatric Oncology; Lymph Nodes and Abdominal Masses <i>Nevin Yalman</i>
14.00- 14.50	<b>Lecture</b> Approach to the Patient with Convulsion <i>Haluk Topaloğlu</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
15.00- 15.50	<b>Independent Learning</b>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
16.00-16.50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK VI / 12-16 May 2025**

	<b>Monday 12-May-2025</b>	<b>Tuesday 13-May-2025</b>	<b>Wednesday 14-May-2025</b>	<b>Tuesday 15-May-2025</b>	<b>Friday 16-May-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK VII / 19-23 May 2025**

	<b>Monday 19-May-2025</b>	<b>Tuesday 20-May-2025</b>	<b>Wednesday 21-May-2025</b>	<b>Tuesday 22-May-2025</b>	<b>Friday 23-May-2025</b>
08:00- 17:00	<b>NATIONAL HOLIDAY</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK VIII / 26-30 May 2025**

	<b>Monday 26-May-2025</b>	<b>Tuesday 27-May-2025</b>	<b>Wednesday 28-May-2025</b>	<b>Tuesday 29-May-2025</b>	<b>Friday 30-May-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK IX / 02-06 June 2025**

	<b>Monday 02- June-2025</b>	<b>Tuesday 03-June-2025</b>	<b>Wednesday 04-June-2025</b>	<b>Tuesday 05-June-2025</b>	<b>Friday 06-June-2025</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>Religious Holiday</b>	
17:00 – 18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>		

**GROUP C WEEK X / 09-13 June 2025**

	<b>Monday 05-May-2025</b>	<b>Tuesday 06-May-2025</b>	<b>Wednesday 07-May-2025</b>	<b>Tuesday 08-May-2025</b>	<b>Friday 09-May-2025</b>
08:00- 17:00	<b>Religious Holiday</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
17:00 – 18.00		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C WEEK XI / 16-20 June 2025**

	<b>Monday 16-June-2025</b>	<b>Tuesday 17-June-2025</b>	<b>Wednesday 18-June-2025</b>	<b>Thursday 19-June-2025</b>	<b>Friday 20-June-2025</b>
09.00 -12:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>OSCE</b>	<b>Assessment Session</b>	<b>Oral Examination</b>
13.00- 14:20			<b>Independent Learning</b>	<b>Lunch</b>	
14.25 - 15.10				<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clearship Program	
				<b>Independent Learning</b>	<b>Independent Learning</b>

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE**

**PHASE IV**

**GENERAL SURGERY  
YEDİTEPE UNIVERSITY HOSPITAL**

**Head of the Department of General Surgery:** Özcan Gökçe, M.D. Prof.

Neşet Köksal, M.D. Prof.

Erhan Ayşan, M.D. Prof.

Kinyas Kartal, M.D. Assoc. Prof.

Ali Ediz Kıvanç MD. General Surgeon

Alper Kurt MD. General Surgeon

**MINISTRY OF HEALTH  
İSTANBUL TRAINING AND RESEARCH HOSPITAL**

KENAN BÜYÜKAŞIK, M.D. Assoc. Prof.

EKREM ÇAKAR, M.D. Assoc. Prof.

## AIM AND LEARNING OBJECTIVES OF GENERAL SURGERY

### AIM

Aim of this clerkship is to;

1. **equip** students **with** necessary knowledge, skills and attitudes required to make diagnoses and differential diagnoses of digestive system, endocrine, mammary and emergency surgery diseases, traumatized patients,
2. **equip** students **with** necessary knowledge, skills and attitudes required to approach transplant candidates or transplanted patients,
3. **equip** students **with** necessary knowledge, skills and attitudes required to **order** laboratory and imaging tests available in primary care,
4. **equip** students **with** necessary knowledge, skills and attitudes required to decide treatment modality,
5. **equip** students **with** necessary knowledge, skills and attitudes required to refer Patient to advanced healthcare units upon indication

### LEARNING OBJECTIVES

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

#### KNOWLEDGE

1. **list** the fluid compartments in the body and describe the distribution of fluids and electrolytes
2. **indicate** the basic nutritional requirements of a patient
3. **describe** the clinical features and diagnostic tests of surgical thyroidal diseases
4. **describe** the clinical features and diagnostic tests of breast disorders
5. **describe** the symptoms, clinical features and diagnostic tests of acute gastrointestinal disorders
6. **describe** the symptoms, clinical features and diagnostic tests of gastric disorders
7. **describe** the symptoms, clinical features and diagnostic tests of colorectal disorders
8. **describe** functions and disorders of liver diseases
9. **describe** the symptoms, clinical features and diagnostic tests of pancreatic diseases
10. **describe** adequate physical examination
11. **describe** wound healing and surgical site infections

#### SKILLS

12. **take** an appropriate history from the patients
13. **evaluate** patients and perform proper physical examination
14. **insert** nasogastric tube
15. **perform** removal of drains
16. **perform** closure of surgical incisions
17. **perform** removal of sutures and staples
18. **perform** gowning and gloving in the operating room

#### ATTITUDES

19. **acquire** sympathetic attitude appropriate for dealing with patients
20. **describe** the importance and benefits of teamwork in the operating room and surgical ward
21. **respect** patient privacy and take care to keep their personal information confidential

## ASSESSMENT

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

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

**GENERAL SURGERY CLERKSHIP PROGRAM**  
**Week I / 18 Sep.- 22 Sep. 2024 Group D**

	<b>Monday 23-Sep-2024</b>	<b>Tuesday 24-Sep-2024</b>	<b>Wednesday 25-Sep-2024</b>	<b>Thursday 26-Sep-2024</b>	<b>Friday 27-Sep-2024</b>
09.00- 11.50	<b>Introductory Session</b> Periampullary and Pancreatic Malignancies <i>Özcan Gökçe</i> Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Kinyas Kartal</i> Morbid Obesity <i>Kinyas Kartal</i>	Hydatic Disease of Liver, Liver Abscesses and Liver Tumors <i>Alper Kurt</i>	Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i> Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Disease of the Adrenal Glands and Spleen <i>Ali Ediz Kıvanç</i>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Kinyas Kartal</i>	The Systemic Response to Injury Liver Transplantation, Kidney and Pancreas Transplantation <i>Alper Kurt</i>	Hemostasis, Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kıvanç</i>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
	<b>Monday 30-Sep-2024</b>	<b>Tuesday 01-Oct-2024</b>	<b>Wednesday 02-Oct-2024</b>	<b>Thursday 03-Oct-2024</b>	<b>Friday 04-Oct-2024</b>
09.00- 11.50	Evidence Based Medicine: Colorectal carcinoma <i>Neşet Köksal</i>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, <i>Ali Ediz Kıvanç</i>	Disease of the Breast <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Anorectal Disease <i>Neşet Köksal</i>	Intestinal Obstruction Abdominal Trauma <i>Ali Ediz Kıvanç</i>	Hernias <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week III / 07-11 Oct. 2024 Group D**

	<b>Monday 07-Oct-2024</b>	<b>Tuesday 08-Oct-2024</b>	<b>Wednesday 09-Oct-2024</b>	<b>Thursday 10-Oct-2024</b>	<b>Friday 11-Oct-2024</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Monday 07-Oct-2024</b>	<b>Tuesday 08-Oct-2024</b>	<b>Wednesday 09-Oct-2024</b>	<b>Thursday 10-Oct-2024</b>	<b>Friday 11-Oct-2024</b>

**Week IV / 14 Oct.- 18 Oct. 2024 Group D**

	<b>Monday 14-Oct-2024</b>	<b>Tuesday 15-Oct-2024</b>	<b>Wednesday 16-Oct-2024</b>	<b>Thursday 17-Oct-2024</b>	<b>Friday 18-Oct-2024</b>
09.00- 11.50	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Oral Exam</i></u>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Written Exam</i></u>	<u><i>Oral Exam</i></u>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u><i>Oral Exam</i></u>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week 1 / 21 Oct.- 25 Oct. 2024 Group C**

	<b>Monday 21-Oct-2024</b>	<b>Tuesday 22-Oct-2024</b>	<b>Wednesday 23-Oct-2024</b>	<b>Thursday 24-Oct-2024</b>	<b>Friday 25-Oct-2024</b>
09.00- 11.50	<b>Introductory Session</b> Periampullary and Pancreatic Malignancies <i>Özcan Gökçe</i> Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Kinyas Kartal</i> Morbid Obesity <i>Kinyas Kartal</i>	Hydatid Disease of Liver, Liver Abscesses and Liver Tumors <i>Alper Kurt</i>	Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i> Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Disease of the Adrenal Glands and Spleen <i>Ali Ediz Kıvanç</i>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Kinyas Kartal</i>	The Systemic Response to Injury Liver Transplantation, Kidney and Pancreas Transplantation <i>Alper Kurt</i>	Hemostasis, Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kıvanç</i>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GENERAL SURGERY CLERKSHIP PROGRAM**  
**Week II / 28 Oct. – 1 Nov. 2024 Group C**

	<b>Monday 28-Oct-2024</b>	<b>Tuesday 29-Oct-2024</b>	<b>Wednesday 30-Oct-2024</b>	<b>Thursday 31-Oct-2024</b>	<b>Friday 01-Nov-2024</b>
09.00- 11.50	Evidence Based Medicine: Colorectal carcinoma <i>Neşet Köksal</i>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, <i>Ali Ediz Kıvanç</i>	Disease of the Breast <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Anorectal Disease <i>Neşet Köksal</i>	Intestinal Obstruction Abdominal Trauma <i>Ali Ediz Kıvanç</i>	Hernias <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week III / 04-08 Nov. 2024 Group C**

	<b>Monday 04-Oct-2024</b>	<b>Tuesday 05-Oct-2024</b>	<b>Wednesday 06-Oct-2024</b>	<b>Thursday 07-Oct-2024</b>	<b>Friday 08-Oct-2024</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV / 11 Nov.- 15 Nov. 2024 Group C**

	Monday 11-Nov-2024	Tuesday 12-Nov-2024	Wednesday 13-Nov-2024	Thursday 14-Nov-2024	Friday 15-Nov-2024
09.00- 11.50	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Oral Exam</i></u>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Written Exam</i></u>	<u><i>Oral Exam</i></u>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u><i>Oral Exam</i></u>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week I / 10 Feb.- 14 Feb. 2025 Group B**

	<b>Monday 10-Feb-2025</b>	<b>Tuesday 11-Feb-2025</b>	<b>Wednesday 12-Feb-2025</b>	<b>Thursday 13-Feb-2025</b>	<b>Friday 14-Feb-2025</b>
<b>09.00- 11.50</b>	<b>Introductory Session</b> Periampullary and Pancreatic Malignancies <i>Özcan Gökçe</i> Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Kinyas Kartal</i> Morbid Obesity <i>Kinyas Kartal</i>	Hydatid Disease of Liver, Liver Abscesses and Liver Tumors <i>Alper Kurt</i>	Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i> Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Disease of the Adrenal Glands and Spleen <i>Ali Ediz Kıvanç</i>
<b>12.00- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 15.30</b>	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Kinyas Kartal</i>	The Systemic Response to Injury Liver Transplantation, Kidney and Pancreas Transplantation <i>Alper Kurt</i>	Hemostasis, Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kıvanç</i>
<b>15.30- 17.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>17.30-17:50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GENERAL SURGERY CLERKSHIP PROGRAM**  
**Week II / 17 Feb. – 21 Feb. 2025 Group B**

	<b>Monday 17-Feb-2025</b>	<b>Tuesday 18-Feb-2025</b>	<b>Wednesday 19-Feb-2025</b>	<b>Thursday 20-Feb-2025</b>	<b>Friday 21-Feb-2025</b>
09.00- 11.50	Evidence Based Medicine: Colorectal carcinoma <i>Neşet Köksal</i>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, <i>Ali Ediz Kıvanç</i>	Disease of the Breast <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Anorectal Disease <i>Neşet Köksal</i>	Intestinal Obstruction Abdominal Trauma <i>Ali Ediz Kıvanç</i>	Hernias <i>Neşet Köksal</i>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of General Surgery
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week III / 24-28 Feb. 2025 Group B**

	<b>Monday 24-Feb-2025</b>	<b>Tuesday 25-Feb-2025</b>	<b>Wednesday 26-Feb-2025</b>	<b>Thursday 27-Feb-2025</b>	<b>Friday 28-Feb-2025</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV / 03 Mar.- 07 Mar. 2025 Group B**

	<b>Monday 03-Mar-2025</b>	<b>Tuesday 04-Mar-2025</b>	<b>Wednesday 05-Mar-2025</b>	<b>Thursday 06-Mar-2025</b>	<b>Friday 07-Mar-2025</b>
<b>09.00- 11.50</b>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Oral Exam</i></u>
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Written Exam</i></u>	<u><i>Oral Exam</i></u>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u><i>Oral Exam</i></u>
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week I / 10 Mar.- 14 Mar. 2024 Group A**

	<b>Monday 10-Mar-2025</b>	<b>Tuesday 11-Mar-2025</b>	<b>Wednesday 12-Mar-2025</b>	<b>Thursday 13-Mar-2025</b>	<b>Friday 14-Mar-2025</b>
<b>09.00- 11.50</b>	<b>Introductory Session</b> Periampullary and Pancreatic Malignancies <i>Özcan Gökçe</i> Disease of Thyroid Gland and Parathyroid Glands <i>Özcan Gökçe</i>	Acute Abdomen Peritonitis Physical Examination of Surgery <i>Kinyas Kartal</i> Morbid Obesity <i>Kinyas Kartal</i>	Hydatid Disease of Liver, Liver Abscesses and Liver Tumors <i>Alper Kurt</i>	Wound Healing and Surgical Infections Surgical Nutrition <i>Erhan Ayşan</i> Evidence Based Medicine: Shock and its Treatment <i>Erhan Ayşan</i>	Disease of the Adrenal Glands and Spleen <i>Ali Ediz Kıvanç</i>
<b>12.00- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30- 15.30</b>	Fluid and Electrolyte Therapy <i>Özcan Gökçe</i>	Disease of the Gallbladder and Biliary Tree Pancreatitis <i>Kinyas Kartal</i>	The Systemic Response to Injury Liver Transplantation, Kidney and Pancreas Transplantation <i>Alper Kurt</i>	Hemostasis, Surgical Bleeding and Transfusion Gastrointestinal Bleeding- Disorders of Coagulation <i>Erhan Ayşan</i>	Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kıvanç</i>
<b>15.30- 17.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>17.30-17:50</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

## GENERAL SURGERY CLERKSHIP PROGRAM

### Week II / 17 Mar. – 21 Mar. 2025 Group A

	<b>Monday 17-Mar-2025</b>	<b>Tuesday 18-Mar-2025</b>	<b>Wednesday 19-Mar-2025</b>	<b>Thursday 20-Mar-2025</b>	<b>Friday 21-Mar-2025</b>
09.00- 11.50	Evidence Based Medicine: Colorectal carcinoma <i>Neşet Köksal</i>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, <i>Ali Ediz Kıvanç</i>	Disease of the Breast <i>Neşet Köksal</i>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	Anorectal Disease <i>Neşet Köksal</i>	Intestinal Obstruction Abdominal Trauma <i>Ali Ediz Kıvanç</i>	Hernias <i>Neşet Köksal</i>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week III / 24-28 Oct. 2025 Group A**

	<b>Monday 24-Mar-2025</b>	<b>Tuesday 25-Mar-2025</b>	<b>Wednesday 26-Mar-2025</b>	<b>Thursday 27-Mar-2025</b>	<b>Friday 28-Mar-2025</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
12.00- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30- 15.30	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
15.30- 17.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
17.30-17:50	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV / 31 Mar.- 04 Apr. 2025 Group A**

	<b>Monday 31-Mar-2025</b>	<b>Tuesday 01-Apr-2025</b>	<b>Wednesday 02-Apr-2025</b>	<b>Thursday 03-Mar-2025</b>	<b>Friday 04-Mar-2025</b>
<b>09.00- 11.50</b>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Oral Exam</i></u>
<b>12.00- 13.30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13.30- 15.30</b>	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u><i>Written Exam</i></u>	<u><i>Oral Exam</i></u>
<b>15.30- 17.30</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u><i>Oral Exam</i></u>
<b>17.30-17:50</b>	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

## **OBSTETRICS AND GYNECOLOGY**

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

Orhan Ünal, M.D. Prof.

Rukset Attar, M.D. PhD. Prof.

Mustafa Başbuğ, M.D. Prof.

Tanju Demirören, M.D., Assist. Prof.

Petek Uzuner M.D., Assist Prof.

Mert Yeşiladalı, M.D., Assist. Prof.

Melis Gökçe Koçer Yazıcı, M.D., Assist. Prof.

Zeki Salar M.D., Assist Prof.

Oya Alagöz M.D., Assist. Prof.

Yosun Görkem Zeybek Özçer M.D.

Işın Yeşim Yeşilkaya M.D.

Zeynep Korun M.D.

&

**SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL**

**Head of the Department of Obstetrics and Gynecology:**

NİYAZİ TUĞ, M.D. Prof.

## AIM AND LEARNING OBJECTIVES OF OBSTETRICS and GYNECOLOGY

### AIM

Aim of this clerkship is to;

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

### LEARNING OBJECTIVES

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

#### KNOWLEDGE

1. <b>explain</b> antenatal tests	PO.1.1.10
2. <b>describe</b> normal spontaneous vaginal delivery	PO.1.1.3.
3. <b>discuss</b> pathological situations about birth	PO.1.1.6.
4. <b>interpret</b> high risk pregnancy	PO.1.1.3
5. <b>identify</b> ectopic pregnancy	PO.1.1.6.
6. <b>predict</b> teratogenic effects of drugs	PO.1.1.9
7. <b>list</b> contraceptive methods	PO.1.1.1
8. <b>categorize</b> non-stress test results	PO.1.1.8.
9. <b>explain</b> screening methods for gynecological cancers	PO.1.1.1
10. <b>decide</b> vulvovaginitis type and select treatment	PO.1.1.9.
11. <b>list</b> causes of abnormal uterine bleeding and their treatment	PO.1.1.3
12. <b>describe</b> management of endometriosis and polycystic ovary syndrome	PO.1.1.8
13. <b>outline</b> causes of infertility	PO.1.1.3.

#### SKILLS

14. <b>take</b> medical history about female genital system,	PO.1.1.4.
15. <b>perform</b> a systemic physical examination including female genital system	PO.1.1.5
16. <b>do</b> a pap smear test	PO.1.1.7
17. <b>perform</b> breast and cervix cancer screening tests	PO.1.1.7
18. <b>order</b> menopause and osteoporosis screening tests	PO.1.1.7
19. <b>conduct</b> a non stress test	PO.1.1.10
20. <b>manage</b> common gynecological and obstetric emergencies	PO.1.1.9

#### ATTITUDES

21. <b>approach</b> with right attitude to patients and their relatives	PO.2.5.1.
22. <b>value</b> doctor-patient communication and patient privacy	PO.2.5.2
23. <b>inform</b> patient and patients' relatives with respect	PO.2.5.4

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

## ASSESSMENT

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

Question Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	100%
Extended Matching Questions	0%
Key Features	0%
<b>Total</b>	100%
Other Assessment Methods and Tools	<b>Proportion (in Pass/Fail Decision)</b>
Oral Exam (OE)	50%
<b>Total</b>	50%
Pass/Fail Decision	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
<b>Total</b>	100%

## OBSTETRICS AND GYNECOLOGY - Group D 18.11.2024-20.12.2024

### Week I 18 Nov 2024 – 22 Nov 2024

	Monday 18 Nov 2024	Tuesday 19 Nov 2024	Wednesday 20 Nov 2024	Thursday 21 Nov 2024	Friday 22 Nov 2024
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Yeşim Yeşilkaya	Nutrition In Pregnancy and Pre- Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Vulvo-Vaginitis Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Ovarian Functions and its Neuro- Endocrine Control Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Zeki Salar	Developmental Defects of the Female Reproductive Tract Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evidence Based Assessment of Fetal Well-Being Tanju Demirören / Zeynep Korun	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Benign Disorders of Vulva and Vagina Mert Yeşiladalı / Zeynep Korun	Evaluation of Infertile Couple Erkut Attar / Zeynep Korun	Evidence Based Medicine: Approaching to Endometriosis Erkut Attar	Cardiovascular Diseases and Pregnancy Mustafa Başbuğ
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar / Zeynep Korun	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar / Zeynep Korun	High-risk Pregnancy: an Overview Mustafa Başbuğ
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

### Week II 25 – 29 Nov 2024

	Monday 25 Nov 2024	Tuesday 26 Nov 2024	Wednesday 27 Nov 2024	Thursday 28 Nov 2024	Friday 29 Nov 2024
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Zeki Salar	Complications of Early Pregnancy Rukset Attar	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar / Zeynep Korun	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Obstetric Ultrasound Examination Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week III 02 – 06 Dec 2024**

	<b>Monday 02 Dec 2024</b>	<b>Tuesday 03 Dec 2024</b>	<b>Wednesday 04 Dec 2024</b>	<b>Thursday 05 Dec 2024</b>	<b>Friday 06 Dec 2024</b>
09.00- 09.50	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
10.00- 10.50	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
11.00- 12.30					
12.30- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30-15.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
15.30- 17.30	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
17.30-18:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV Week IV / 09 – 13 Dec 2024**

	<b>Monday 09 Dec 2024</b>	<b>Tuesday 10 Dec 2024</b>	<b>Wednesday 11 Dec 2024</b>	<b>Thursday 12 Dec 2024</b>	<b>Friday 13 Dec 2024</b>
09.00- 09.50	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
10.00- 10.50	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
11.00- 12.30					
12.30- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30-15.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
15.30- 17.30	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
17.30-18:00					
	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week V 16-20 Dec 2024**

	Monday 16 Dec 2024	Tuesday 17 Dec 2024	Wednesday 18 Dec 2024	Thursday 19 Dec 2024	Friday 20 Dec 2024
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

## OBSTETRICS AND GYNECOLOGY - Group C

Week I / 23 Dec 2024 – 27 Dec 2024

	Monday 23 Dec 2024	Tuesday 24 Dec 2024	Wednesday 25 Dec 2024	Thursday 26 Dec 2024	Friday 27 Dec 2024
09.00- 09.50	Gynecology: and Overview Including Related Anatomy <b>Mert Yeşiladalı</b>	Benign Disorders of Uterus, Fallopian Tubes and Ovaries <b>Mert Yeşiladalı</b>	Gestational Trophoblastic Diseases <b>Orhan Ünal / Görkem Özçer</b>	Hematological Disorders and Pregnancy <b>Yeşim Yeşilkaya</b>	Nutrition In Pregnancy and Pre- Gestational and Gestational Diabetes <b>Mustafa Başbuğ</b>
10.00- 10.50	Gynecology: and Overview Including Related Anatomy <b>Mert Yeşiladalı</b>	Vulvo-Vaginitis <b>Mert Yeşiladalı</b>	Perinatal Infections <b>Rukset Attar / Görkem Özçer</b>	Hypertensive Disorders and Pregnancy <b>Yeşim Yeşilkaya</b>	Hormonal Disorders and Pregnancy <b>Mustafa Başbuğ</b>
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy <b>Erkut Attar / Görkem Özçer</b>	Ovarian Functions and its Neuro- Endocrine Control <b>Mert Yeşiladalı</b>	Rh Isoimmunisation <b>Erkut Attar / Zeki Salar</b>	Developmental Defects of the Female Reproductive Tract <b>Yeşim Yeşilkaya</b>	Multiple Pregnancies <b>Mustafa Başbuğ</b>
12.00- 13.00	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.00-13.50	Normal Labor <b>Mustafa Başbuğ</b>	Anovulation <b>Mert Yeşiladalı</b>	Evidence Based Assessment of Fetal Well-Being <b>Tanju Demirören / Zeynep Korun</b>	Clinical Embryology <b>Oya Alagöz</b>	Preterm Premature Rupture of Membranes <b>Mustafa Başbuğ</b>
14.00- 14.50	Abnormal Labor <b>Mustafa Başbuğ</b>	Benign Disorders of Vulva and Vagina <b>Mert Yeşiladalı / Zeynep Korun</b>	Evaluation of Infertile Couple <b>Erkut Attar / Zeynep Korun</b>	Evidence Based Medicine: Approaching to Endometriosis <b>Erkut Attar</b>	Cardiovascular Diseases and Pregnancy <b>Mustafa Başbuğ</b>
15:00- 15.50	Operative Labor and Cesarean Section <b>Rukset Attar / Zeynep Korun</b>	Hirsutismus <b>Melis G. K. Yazıcı</b>	Assisted Reproductive Technologies <b>Erkut Attar</b>	Evidence Based Medicine: Ovulation Induction <b>Erkut Attar / Zeynep Korun</b>	High-risk Pregnancy: an Overview <b>Mustafa Başbuğ</b>
16:00- 17:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
17.00-18:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week II / 30 Dec 2024 – 03 Jan 2025**

	Monday 30 Dec 2024	Tuesday 31 Dec 2024	Wednesday 01 Jan 2025	Thursday 02 Jan 2025	Friday 03 Jan 2025
09.00- 09.50	Perinatal Follow-Ups <b>Tanju Demirören</b>	Pre-invasive Cervical Neoplasm <b>Orhan Ünal</b>	<b>New Year's Day Holiday</b>	Complications of Early Pregnancy <b>Rukset Attar</b>	Bleeding in the Third Trimester <b>Rukset Attar / Zeki Salar</b>
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis <b>Tanju Demirören</b>	Cervix Carcinoma <b>Orhan Ünal</b>		Postpartum Bleeding <b>Rukset Attar / Zeynep Korun</b>	Evidence Based Approaching to the Postmenopausal Hormone Treatment <b>Melis G. K. Yazıcı</b> <b>Pelvic Relaxation</b> <b>Melis G. K. Yazıcı</b>
11.00- 11:50	Trombophilia and Pregnancy <b>Tanju Demirören</b>	Vulvovaginal Carcinoma <b>Orhan Ünal</b>		Ectopic Pregnancy <b>Rukset Attar</b>	
12.00- 13.00	<b>Lunch</b>	<b>Lunch</b>		<b>Lunch</b>	<b>Lunch</b>
13.00-13.50	Puerperium and Puerperal Infections <b>Tanju Demirören</b>	Gynecological Malignancies and Pregnancy <b>Orhan Ünal</b>		Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <b>Rukset Attar</b>	Uro-Gynecology <b>Melis G. K. Yazıcı</b>
14.00- 14.50	Intrauterine Growth Restriction <b>Tanju Demirören</b>	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes <b>Orhan Ünal</b>		Menstrual Disorders, Amenorrhea <b>Rukset Attar</b>	A Gynecological Case Interactive Discussion <b>Melis G. K. Yazıcı</b>
15:00- 15.50	Obstetric Ultrasound Examination <b>Tanju Demirören</b>	Malignant Disorders of Uterus, Endometrium Carcinoma <b>Orhan Ünal</b>		Abnormal Uterine Bleeding <b>Rukset Attar</b>	
16:00- 16:50	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	
17.00-18:00	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>

**Week III / 06-10 Jan 2024**

	<b>Tuesday 06-Jan-2025</b>	<b>Tuesday 07-Jan-2025</b>	<b>Wednesday 08-Jan-2025</b>	<b>Thursday 09-Jan-2025</b>	<b>Friday 10-Jan-2025</b>
09.00- 09.50	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
10.00- 10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
11.00- 12.30					
12.30- 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
13.30-15.30	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
15.30- 17.30	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
17.30-18:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week IV / 13-17Jan 2025**

	<b>Monday 13-Jan-2025</b>	<b>Tuesday 14-Jan-2025</b>	<b>Wednesday 15-Jan-2025</b>	<b>Thursday 16-Jan-2025</b>	<b>Friday 17-Jan-2025</b>
<b>09.00- 09.50</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>10.00- 10.50</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
<b>11.00- 12.30</b>					
<b>12.30- 13.30</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>13.30-15.30</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>	<b>Clinical Experience</b>
<b>15.30- 17.30</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>	<b>SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL</b>
<b>17.30-18:00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**Week V / 20-24 Jan 2025**

	Monday 20-Jan-2025	Tuesday 21-Jan-2025	Wednesday 22-Jan-2025	Thursday 23-Jan-2025	Friday 24-Jan-2025
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30					
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		

15.30- 17.30	AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
					<b>Program Evaluation Session</b> Review of the Exam Questions,  Evaluation of the Clerkship Program
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

## OBSTETRICS AND GYNECOLOGY - Group B

Week I / 07-11 Apr 2025

	Monday 07 Apr 2025	Tuesday 08 Apr 2025	Wednesday 09 Apr 2025	Thursday 10 Apr 2025	Friday 11 Apr 2025
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Hematological Disorders and Pregnancy Yeşim Yeşilkaya	Nutrition İn Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Vulvo-Vaginitis Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11.50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Zeki Salar	Developmental Defects of the Female Reproductive Tract Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evidence Based Assessment of Fetal Well-Being Tanju Demirören / Zeynep Korun	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Benign Disorders of Vulva and Vagina Mert Yeşiladalı / Zeynep Korun	Evaluation of Infertile Couple Erkut Attar / Zeynep Korun	Evidence Based Medicine: Aproaching to Endometriosis Erkut Attar	Cardiovascular Diseases and Pregnancy Mustafa Başbuğ
15.00- 15.50	Operative Labor and Cesarean Section Rukset Attar / Zeynep Korun	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar / Zeynep Korun	High-risk Pregnancy: an Overview Mustafa Başbuğ
16.00- 17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

### Week II / 14 – 18 Apr 2025

	Monday 14 Apr 2025	Tuesday 15 Apr 2025	Wednesday 16 Apr 2025	Thursday 17 Apr 2025	Friday 18 Apr 2025
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Zeki Salar	Complications of Early Pregnancy Rukset Attar	Clinical Experience
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar / Zeynep Korun	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Obstetric Ultrasound Examination Tanju Demirören	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	
16:00- 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**Week III / 21-25 Apr 2025**

	Monday 21 Apr 2025	Tuesday 22 Apr 2025	Wednesday 23 Apr 2025	Thursday 24 Apr 2025	Friday 25 Apr 2025
09.00- 09.50	Clinical Experience	Clinical Experience	NATIONAL HOLIDAY	Clinical Experience	Clinical Experience
10.00- 10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
11.00- 12.30					
12.30- 13.30	Lunch	Lunch		Lunch	Lunch
13.30-15.30	Clinical Experience	Clinical Experience		Clinical Experience	Clinical Experience
15.30- 17.30	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
17.30-18:00	Independent Learning	Independent Learning		Independent Learning	Independent Learning

**Week IV / 28 Apr – 02 May 2025**

	Monday 28 Apr 2025	Tuesday 29 Apr 2025	Wednesday 30 Apr 2025	Thursday 01 May 2025	Friday 02 May 2025
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	NATIONAL HOLIDAY	Clinical Experience
10.00- 10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Clinical Experience
15.30- 17.30	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

**Week V / 05 - 09 May 2025**

	Monday 05-May-2025	Tuesday 06-May-2025	Wednesday 07-May-2025	Thursday 08-May-2025	Friday 09-May-2025	Monday 12-May-2025	Tuesday 13-May-2025	Wednesday 14-May-2025
09.00-09.50	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00-10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology		Oral Examination
11.00-12.30								
12.30-13.30								
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience		

15.30-17.30	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		Oral Examination
	Department of Obstetrics and Gynecology	Department and Gynecology of Obstetrics	Department of Obstetrics and Gynecology	Department and Gynecology of Obstetrics	Department of Obstetrics and Gynecology	Department of Obstetrics and Gynecology		Program Evaluation Session Review of the Exam Questions,
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning		Evaluation of the Clerkship

## OBSTETRICS AND GYNECOLOGY - Group A

**Week I / 15 - 16 May 2025**

	Thursday 15 May 2025	Friday 16 May 2025
09.00- 09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladalı
10.00- 10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladalı	Vulvo-Vaginitis Mert Yeşiladalı
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı
12.00- 13.00	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Benign Disorders of Vulva and Vagina Mert Yeşiladalı / Zeynep Korun
15:00- 15.50	Operative Labor and Cesarean Section Rukset Attar / Zeynep Korun	Hirsutismus Melis G. K. Yazıcı
16:00- 17:00	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning

**Week II**  
**19 – 23 May 2025**

	Monday 19 May 2025	Tuesday 20 May 2025	Wednesday 21 May 2025	Thursday 22 May 2025	Friday 23 May 2025
09.00- 09.50	<b>NATIONAL HOLIDAY</b>	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Zeki Salar	Complications of Early Pregnancy Rukset Attar	Perinatal Follow-Ups Tanju Demirören
10.00- 10.50		Cervix Carcinoma Orhan Ünal	Evidence Based Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar / Zeynep Korun	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören
11.00- 11:50		Vulvovaginal Carcinoma Orhan Ünal	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar	Trombophilia and Pregnancy Tanju Demirören
12.00- 13.00		Lunch	Lunch	Lunch	Lunch
13.00-13.50		Gynecological Malignancies and Pregnancy Orhan Ünal	Uro-Gynecology Melis G. K. Yazıcı	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Puerperium and Puerperal Infections Tanju Demirören
14.00- 14.50		Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	A Gynecological Case Interactive Discussion Melis G. K. Yazıcı	Menstrual Disorders, Amenorrhea Rukset Attar	Intrauterine Growth Restriction Tanju Demirören
15:00- 15.50		Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	Independent Learning	Abnormal Uterine Bleeding Rukset Attar	Obstetric Ultrasound Examination Tanju Demirören
16:00- 16:50		Independent Learning	Independent Learning	Independent Learning	
17.00-18:00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

### Week III 26-30 May 2025

	Monday 26 May 2025	Tuesday 27 May 2025	Wednesday 28 May 2025	Thursday 29-May-2025	Friday 30-May-2025
09.00- 09.50	Hematological Disorders and Pregnancy Yeşim Yeşilkaya	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Mustafa Başbuğ	Gestational Trophoblastic Diseases Orhan Ünal / Görkem Özçer	Clinical Experience	Clinical Experience
10.00- 10.50	Hypertensive Disorders and Pregnancy Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ	Perinatal Infections Rukset Attar / Görkem Özçer	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
11.00- 11:50	Developmental Defects of the Female Reproductive Tract Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ	Rh Isoimmunisation Erkut Attar / Zeki Salar		
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ	Evidence Based Assessment of Fetal Well-Being Tanju Demirören / Zeynep Korun	Clinical Experience	Clinical Experience
14.00- 14.50	Evidence Based Medicine: Aproaching to Endometriosis Erkut Attar	Cardiovascular Diseases and Pregnancy Mustafa Başbuğ	Evaluation of Infertile Couple Erkut Attar / Zeynep Korun	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
15:00- 15.50	Evidence Based Medicine: Ovulation Induction Erkut Attar / Zeynep Korun	High-risk Pregnancy: an Overview Mustafa Başbuğ	Assisted Reproductive Technologies Erkut Attar	Independent Learning	Independent Learning
16:00- 17:00	Independent Learning	Independent Learning	Independent Learning	Thursday 29-May-2025	Friday 30-May-2025
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Clinical Experience	Clinical Experience

**Week IV / 02 - 06 Jun 2025**

	Monday 02-Jun-2025	Tuesday 03-Jun-2025	Wednesday 04-Jun-2025	Thursday 05-Jun-2025	Friday 06-Jun-2025
09.00-09.50	Clinical Experience	Clinical Experience	Clinical Experience	Religious Holiday	Religious Holiday
10.00-10.50	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		
11.00- 12.30					
12.30-13.30	Lunch	Lunch	Lunch		
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		
15.30-17.30	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANKAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

**Week V / 09-13 Jun 2025**

	<b>Monday</b> 09-Jun-2025	<b>Tuesday</b> 10-Jun-2025	<b>Wednesday</b> 11-Jun-2025	<b>Thursday</b> 12-Jun-2025	<b>Friday</b> 13-Jun-2025
09.00- 09.50	<b>Religious Holiday</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL
11.00- 12.30					
12.30- 13.30		Lunch	Lunch	Lunch	Lunch
13.30-15.30		Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30		SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology
17.30-18:00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week VI/ 16-20 Jun 2025**

	Monday 16-Jun-2025	Tuesday 17- Jun -2025	Wednesday 18- Jun-2025	Thursday 19- Jun -2025	Friday 20- Jun -2025
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCAKTEPE ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		

15.30- 17.30	SANCaktepe ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL  Department of Obstetrics and Gynecology	SANCaktepe ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL AND RESEARCH  Department and Gynecology of Obstetrics	SANCaktepe ŞEHİT PROF. DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL AND RESEARCH  Department of Obstetrics and Gynecology		Oral Examination
					Program Evaluation Session Review of the Exam Questions,
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Evaluation of the Clerkship

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**CARDIOLOGY**

**YEDİTEPE UNIVERSITY HOSPITAL**

Olca Özveren, MD. Prof.

Ali Buturak, MD. Prof.

Tolga Aksu , MD . Prof.

Ayça Türer Cabbar , MD. Assoc. Prof.

Songül Akkoyun M.D.

**&**

**KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**

Ramazan Kargın, MD. Prof.

Rezan Deniz Acar, MD. Prof.

Ali Karagöz, MD. Assoc. Prof.

## ACADEMIC SCHEDULE OF CARDIOLOGY 2024-2025

<b>GROUP A</b>	<b>GROUP B</b>	<b>GROUP C</b>	<b>GROUP D</b>
<b>CARDIOLOGY</b>	<b>CARDIOLOGY</b>	<b>CARDIOLOGY</b>	<b>CARDIOLOGY</b>
<b>(2 WEEKS)</b>	<b>(2 WEEKS)</b>	<b>(2 WEEKS)</b>	<b>(2 WEEKS)</b>
<b>05.02.2024-16.02.2024</b>	<b>04.03. 2024 -15.03.2024</b>	<b>18.09.2023-29.09.2023</b>	<b>30.10.2023 -10.11.2023</b>
<b>THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</b>	<b>THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</b>	<b>THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</b>	<b>THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL -</b>
<b>PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>

## AIM AND LEARNING OBJECTIVES OF CARDIOLOGY

### AIM

Aim of this clerkship is to;

1. **equip** students with necessary knowledge, skills and attitudes required to Approach to cardiac Patient,
2. **equip** students with necessary knowledge, skills and attitudes required to deliver preventive healthcare measures,
3. **equip** students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of cardiac diseases,
4. **equip** students with necessary knowledge, skills and attitudes required to apply primary care prophylaxis and treatment to cardiac Patients,
5. **equip** students with necessary knowledge, skills and attitudes required to refer cardiac Patients to advanced healthcare units upon indication.

### LEARNING OBJECTIVES

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

#### KNOWLEDGE

1. **list** required procedures and investigations for delivering preventive healthcare measures to cardiology patients
2. **discuss** diagnosis and differential diagnosis of cardiac diseases
3. **describe** the presentation, pathophysiology, clinical and laboratory features of common cardiologic acute and chronic disorders
4. **list** required procedures and investigations for primary care prophylaxis and treatment to cardiac patients
5. **list** required procedures and investigations for the diagnosis, differential diagnosis and follow-up of cardiology patients
6. **describe** the initial steps of cardiac echocardiography, Holter ECG monitoring, cardiac exercise test
7. **describe** the initial steps of cardiac catheterization and coronary angiography
8. **describe** the initial steps of pericardiocentesis
9. **describe** the management of common cardiac disorders
10. **describe** the procedures of ambulatory blood pressure monitoring
11. **describe** the electrophysiological study and pacemaker implantation
- 12.

#### SKILLS

13. **obtain** an appropriate and detailed history of patients
14. **perform** detailed physical examination of cardiac patient
15. **provide** basic life support to cardiac patient
16. **perform** basic clinical procedures and interventions
17. **obtain** required samples for laboratory investigations
18. **interpret** clinical and laboratory data
19. **evaluate** blood pressure of patient
20. **evaluate** peripheral pulses of patient
21. **provide** a prioritized problem list
22. **manage** common cardiac disorders and emergency cases
23. **present** patients clearly by written and oral means
24. **ask** for consultation when indicated
25. **refer** patients to advanced healthcare units when indicated
26. **use** written and online sources correctly and efficiently to access evidence-based information

#### ATTITUDES

27. **respect** and **understand** of the roles, responsibilities and relationship of primary care and specialty care providers
28. **demonstrate** interpersonal skills and professionalism in relations with patients, families and healthcare staff, being analytical and research orientated
29. **show respect** for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
30. **obey** infection control regulations when working at inpatient and outpatient clinics

## ASSESSMENT

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

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

CARDIOLOGY - GROUP A / Week I																				
	Monday 10-Feb-2025				Tuesday 11-Feb-2025				Wednesday 12-Feb-2025				Thursday 13-Feb-2025				Friday 14-Feb-2025			
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	<b>Lecture</b> Introduction to Cardiology Training Program <i>Olca Özveren</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Songül Akkoyun</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure I <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	<b>Lecture</b> Cardiovascular Examination <i>Olca Özveren</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Songül Akkoyun</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure II <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	<b>Lecture</b> Electrocardiography <i>Tolga Aksu</i> <i>Songül Akkoyun</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Songül Akkoyun</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Olca Özveren</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

**GROUP A / Week II**

	<b>Monday 17-Feb-2025</b>				<b>Tuesday 18-Feb-2025</b>				<b>Wednesday 19-Feb-2025</b>				<b>Thursday 20-Feb-2025</b>	<b>Friday 21-Feb-2025</b>
08.30-12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>					<p align="center"><b>Written and Oral Examination</b></p> <p align="center"><b>YEDİTEPE UNIVERSITY HOSPITAL</b> Olca Özveren Ali Buturak</p> <p align="center">Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Songül Akkoyun</p>
	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00-13.50	<b>Lecture</b> Hypertension <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i>				<b>Independent Learning</b>	
14.00-14.50	<b>Lecture</b> Infective Endocarditis <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i>				<b>Independent Learning</b>	
15.00-15.50	<b>Lecture</b> Pericardial Diseases <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i>				<b>Independent Learning</b>	
16.00-17.00	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>	

CARDIOLOGY - GROUP B / Week I																				
	Monday 10-Mar-2025				Tuesday 11-Mar-2025				Wednesday 12- Mar -2025				Thursday 13- Mar -2025				Friday 14- Mar -2025			
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	<b>Lecture</b> Introduction to Cardiology Training Program <i>Olçay Özveren</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrin</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Songül Akkoyun</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure I <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Mitral Valve Diseases <i>Olçay Özveren</i>			
14.00- 14.50	<b>Lecture</b> Cardiovascular Examination <i>Olçay Özveren</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Songül Akkoyun</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure II <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Aortic Valve Diseases <i>Olçay Özveren</i>			
15.00- 15.50	<b>Lecture</b> Electrocardiography <i>Tolga Aksu</i> <i>Songül Akkoyun</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Songül Akkoyun</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Olçay Özveren</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Olçay Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

	Monday 17- Mar -2025				Tuesday 18- Mar -2025				Wednesday 19- Mar -2025				Thursday 20- Mar -2025	Friday 21- Mar -2025
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>					<p>Written and Oral Examination</p> <p><b>YEDİTEPE UNIVERSITY HOSPITAL</b> Olca Özveren Ali Buturak</p> <p>Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Songül Akkoyun</p>
	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	<b>Lecture</b> Hypertension <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i>				Independent Learning	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i>				Independent Learning	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP C / Week I																				
	Monday 23-Sep-2024				Tuesday 24- Sep -2024				Wednesday 25- Sep -2024				Thursday 26- Sep -2024				Friday 27- Sep -2024			
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	<b>Lecture</b> Introduction to Cardiology Training Program <i>Olca Özveren</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrin</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Songül Akkoyun</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure I <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Mitral Valve Diseases <i>Olca Özveren</i>			
14.00- 14.50	<b>Lecture</b> Cardiovascular Examination <i>Olca Özveren</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Songül Akkoyun</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Songül Akkoyun</i>				<b>Lecture</b> Heart Failure II <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Aortic Valve Diseases <i>Olca Özveren</i>			
15.00- 15.50	<b>Lecture</b> Electrocardiography <i>Tolga Aksu</i> <i>Songül Akkoyun</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Songül Akkoyun</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Olca Özveren</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

	Monday 30- Sep-2024				Tuesday 01-Oct -2024				Wednesday 02- Oct -2024				Thursday 03- Oct -2024	Friday 04- Oct -2024
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>					<p>Written and Oral Examination</p> <p><b>YEDİTEPE UNIVERSITY HOSPITAL</b> Olca Özveren <b>Ali Buturak</b></p> <p><b>Tolga Aksu</b> <b>Ayça Türer Cabbar</b> <b>Mustafa Aytek</b> <b>Şimşek</b> <b>Songül Akkoyun</b></p>
	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	<b>Lecture</b> Hypertension <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i>				<b>Independent Learning</b>	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i>				<b>Independent Learning</b>	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i>				<b>Independent Learning</b>	
16.00- 17.00	<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>				<b>Independent Learning</b>	

CARDIOLOGY - GROUP D / Week I																				
	Monday 04- Nov-2024				Tuesday 05- Nov-2024				Wednesday 06- Nov-2024				Thursday 07- Nov-2024				Friday 08- Nov-2024			
08.30- 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4	Group A1	Group A2	Group A3	Group A4
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	Echo-lab	Intensive care	Emergency	Echo-lab	OutPatient
12.50- 13.50	Lecture Introduction to Cardiology Training Program <i>Olçay Özveren</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrin</i>				Lecture Approach to the Patient with Chest Pain <i>Songül Akkoyun</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Songül Akkoyun</i>				Lecture Heart Failure I <i>Ayça Türer Cabbar</i>				Lecture Mitral Valve Diseases <i>Olçay Özveren</i>			
14.00- 14.50	Lecture Cardiovascular Examination <i>Olçay Özveren</i>				Lecture ST Elevation Myocardial Infarction I <i>Songül Akkoyun</i>				Lecture Chronic Coronary Artery Disease <i>Songül Akkoyun</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olçay Özveren</i>			
15.00- 15.50	Lecture Electrocardiography <i>Tolga Aksu</i> <i>Songül Akkoyun</i>				Lecture ST Elevation Myocardial Infarction II <i>Songül Akkoyun</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Olçay Özveren</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer Cabbar</i>				Lecture Tricuspid and Pulmonary Valve Diseases <i>Olçay Özveren</i>			
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

	Monday 11- Nov -2024				Tuesday 12- Nov -2024				Wednesday 13- Nov -2024				Thursday 14- Nov -2024	Friday 15- Nov -2024
08.30- 12.00	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>				Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>					<p>Written and Oral Examination</p> <p><b>YEDİTEPE UNIVERSITY HOSPITAL</b> Olca Özveren Ali Buturak</p> <p>Tolga Aksu Ayça Türer Cabbar Mustafa Aytek Şimşek Songül Akkoyun</p>
	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>	<b>Group A1</b>	<b>Group A2</b>	<b>Group A3</b>	<b>Group A4</b>		
	Echo-lab.	OutPatient	Intensive care	Emergency	Echo-lab	OutPatient	Intensive care	Emergency	OutPatient	Intensive care	Emergency	Echo-lab		
13.00- 13.50	<b>Lecture</b> Hypertension <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i>				Independent Learning	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Ali Buturak</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i>				Independent Learning	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Ayça Türer Cabbar</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

## **CARDIOVASCULAR SURGERY**

### **YEDITEPE UNIVERSITY HOSPITAL**

Tijen Alkan Bozkaya, MD, PhD, Prof. of Cardiovascular Surgery (Head of Department)

Selim İsbir, MD, Prof. of Cardiovascular Surgery, Noyan Temuçin Oğuş, MD, Prof. of Cardiovascular  
Surgery

### **KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**

#### **Dept. of CARDIOVASCULAR SURGERY**

Hasan Sunar, MD, Prof. of Cardiovascular Surgery

Fuat Büyükbayrak, MD, Prof. of Cardiovascular Surgery

## AIM AND LEARNING OBJECTIVES OF CARDIOVASCULAR SURGERY

### **AIM**

Aim of this clerkship is to;

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

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

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

#### **SKILLS**

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

#### **ATTITUDES**

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

<b>NCC 2014 – Essential Medical Procedures (Cardiovascular Surgery)</b>	<b>Performance Level</b>
Cardiovascular system examination	3
Neurological examination	1
Reading and assessing direct radiographs, coronary angiography and thoracic CT	3
Performing pericardiosynthesis	1

## ASSESSMENT

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

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

**CARDIOVASCULAR SURGERY - GROUP C – October 7-18, 2024**  
**LECTURES (07-11-Oct-2024 and 18 Oct 2024 Review & Test – Oral Exam )**

	Monday /07-Oct-2024	Tuesday / 08-Oct-2024	Wednesday 09-Oct- 2024	Thursday 10-Oct 2024	Friday 11-Oct-2024
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10-20	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Noyan Temuçin Oğlu, Selim İsbir, Tijen Bozkaya</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	<b>Assessment Session</b>
10.30 – 11.20	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Noyan Temuçin Oğlu</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Selim İsbir</i>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Heart Failure <i>Noyan Temuçin Oğlu</i>	<b>Independent Learning</b>
12.20 - 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
13.30 – 14.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	<b>Lecture</b> Heart and Great Vessels Injuries <i>Noyan Temuçin Oğlu</i>	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

	Monday 14-Oct-2024	Tuesday 15-Oct-2024	Wednesday 16-Oct-2024	Thursday 17-Oct-2024	Friday 18-Oct-2024
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10-20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University-Kozyatağı-CVS Dept-Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	Lunch
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

## CARDIOVASCULAR SURGERY - GROUP C

### PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL (14-17 Oct 2024)

**18 Oct 2024 Friday- Yeditepe University – Kozyatağı Hosp. CVS Dept. Review and Assessment Session (Test and Oral Exam )**

**CARDIOVASCULAR SURGERY - GROUP D, January 13-24, 2025**  
**LECTURES (13-17-Jan-2025) and 24 Jan 2025 / Review & Test – Oral Exam**

	Monday 13-Jan-2025	Tuesday 14-Jan-2025	Wednesday 15-Jan-2025	Thursday 16-Jan-2025	Friday 17-Jan-2025
09.00-09.30	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
09.30-10.20	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Noyan Temuçin Oğlu, Selim İsbir, Tijen Bozkaya</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	<b>Assessment Session</b>
10.30 – 11.20	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Noyan Temuçin Oğlu</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Selim İsbir</i>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Heart Failure <i>Noyan Temuçin Oğlu</i>	<b>Independent Learning</b>
12.20 - 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
13.30 – 14.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	<b>Lecture</b> Heart and Great Vessels Injuries <i>Noyan Temuçin Oğlu</i>	
16.00-17.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

# CARDIOVASCULAR SURGERY - GROUP D

## PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

(20-23-Jan-2024)

	Monday 20 Jan-2025	Tuesday 21-Jan-2025	Wednesday 22-Jan-2025	Thursday 23-Jan-2025	Friday 24-Jan-2025
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University-Kozyatağı- CVS Dept-Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**24 Jan 2025 Friday- Yeditepe University – Kozyatağı Hosp. CVS Dept. Review and Assessment Session (Test and Oral Exam )**

## CARDIOVASCULAR SURGERY - GROUP A

**24 February – 07 March, 2025 LECTURES (24-28- Feb- 2024 and 07 March 2025 / Review & Test – Oral Exam )**

	Monday 24- Feb- 2025	Tuesday 25- Feb- 2025	Wednesday 26- Feb-2025	Thursday 27- Feb-2025	Friday 28- Feb- 2025
09.00-09.30	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
09.30-10.20	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Noyan Temuçin Oğuş, Selim İsbir, Tijen Bozkaya</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	<b>Assessment Session</b>
10.30 – 11.20	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Selim İsbir</i>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Heart Failure <i>Noyan Temuçin Oğuş</i>	<b>Independent Learning</b>
12.20 - 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
13.30 – 14.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	<b>Lecture</b> Heart and Great Vessels Injuries <i>Noyan Temuçin Oğuş</i>	
16.00-17.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

## CARDIOVASCULAR SURGERY – GROUP A

### PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

(03-06 March 2025)

	Monday 03 March 2025	Tuesday 04 March 2025	Wednesday 05 March 2025	Thursday 06 March 2025	Friday 07 March 2025
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı-CVS Dept-Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**07 March 2025 Friday- Yeditepe University – Kozyatağı Hosp. CVS Dept. Review and Assessment Session (Test and Oral Exam )**

**CARDIOVASCULAR SURGERY - GROUP B**  
**31 March – 03 Apr, 2025 LECTURES (24-28 March) and**  
**04 Apr 2025 / Review & Test – Oral Exam )**

	Monday 24-Mar-2024	Tuesday 25-Mar-2024	Wednesday 26-Mar-2024	Thursday 27-Mar-2024	Friday 28-Mar-2024
09.00-09.30	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>
09.30-10.20	<b>Lecture</b> Introductory Course History of Cardiovascular Surgery <i>Noyan Temuçin Oğuş, Selim İsbir, Tijen Bozkaya</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	<b>Assessment Session</b>
10.30 – 11.20	<b>Lecture</b> Anatomy of Heart and Great Vessels <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Coronary Artery Disease <i>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Selim İsbir</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Selim İsbir</i>	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the CP
11.30 – 12.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Acyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Venous and Lymphatic System Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Surgical Treatment of Heart Failure <i>Noyan Temuçin Oğuş</i>	<b>Independent Learning</b>
12.20 - 13.30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
13.30 – 14.20	<b>Lecture</b> Surgical Treatment of Valvular Heart Disease <i>Tijen Bozkaya</i>	<b>Lecture</b> Congenital Heart Disease Cyanotic <i>Tijen Bozkaya</i>	<b>Lecture</b> Prophylaxis Diagnosis and Treatment of VTE <i>Tijen Bozkaya</i>	<b>Lecture</b> Heart and Great Vessels Injuries <i>Noyan Temuçin Oğuş</i>	
16.00-17.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**CARDIOVASCULAR SURGERY - GROUP**  
**PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**  
**(31 March – 03 Apr 2025)**

	Monday 31-Mar-2025	Tuesday 01-Apr-2025	Wednesday 02-Apr-2025	Thursday 03-Apr-2025	Friday 04-Apr- 2025
09.00-09.30	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
09.30-10.20	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Yeditepe University- Kozyatağı- CVS Dept-Assessment Session
10.30 – 11.20	Operating Room	Operating Room	Operating Room	Operating Room	
11.30 – 12.20	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Cardiovascular Surgery Intensive care unit CVICU	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
13.30 – 14.20	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	
16.00-17.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**04 April 2025 Friday- Yeditepe University – Kozyatağı Hosp. CVS Dept. Review and Assessment Session (Test and Oral Exam )**

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

Head of the Department of Plastic, Reconstructive and Aesthetic Surgery: Bilge Kağan Aysal MD. Assoc. Prof.  
Mert Ersan MD. Assit. Prof.

## AIM AND LEARNING OBJECTIVES OF PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

### **AIM**

Aim of this clerkship is to;

1. convey necessary knowledge on diagnosis differential diagnosis and surgical treatment options of congenital anomalies, skin lesions, oncologic surgery and reconstruction, burns, hand surgery, facial and oral surgery and trauma,
2. equip students with necessary knowledge, skills and attitudes required to recognize clinical conditions in primary care and decide treatment,
3. equip students with necessary knowledge, skills and attitudes required to refer Patient to advanced healthcare units upon indication.

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

1. **summarize** stages of systemic response to trauma
2. **assess** intervention to traumatized patient
3. **explain** theoretical knowledge in detail about wound healing, treatment options of open wounds
4. **explain** types of burns, classification, diagnosis and initial interventions for treatment
5. **explain** fluid-electrolyte balance
6. **discuss** basics of blood transfusion, hemostasis and coagulation
7. **define** prophylaxis and treatment options of surgical site infections
8. **assess** existing signs and symptoms of emergency patients
9. **evaluate** pre-diagnosis and differential diagnosis and treatment steps
10. **select** available laboratory or imaging tests
11. **explain** etiopathogenesis, signs and symptoms, differential diagnosis and surgical treatment options of congenital anomalies
12. **assess** signs and symptoms, differential diagnosis and treatment options of surgical diseases of breast
13. **select** necessary tests for breast cancer and other mammary diseases
14. **assess** signs and symptoms, differential diagnoses and surgical treatments of face and jaw diseases
15. **assess** signs and symptoms, differential diagnosis and surgical treatment options of extremity diseases
16. **distinguish** need for emergency surgery
17. **describe** basic principles of surgical oncology and oncologic reconstruction

#### **SKILLS**

18. **perform** physical examination of emergency patients
19. **perform** neurological examination of cranial nerves
20. **perform** breast examination
21. **use** proper suture techniques

#### **ATTITUDES**

22. **respect** patient-doctor communication and patient privacy
23. **value** importance of informing patient and patient's relatives
24. **refer** patient to further health care centers when necessary

## ASSESSMENT

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

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

<b>GROUP A</b>	<b>GROUP B</b>	<b>GROUP C</b>	<b>GROUP D</b>
21.04.2025-02.05.2025	27.05.2025-04.06.2025	02.12.2024-11.12.2024	02.01.2025-10.01.2025

## PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY GROUP

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
09.00-10.20	<b>Lecture</b> Scope of Plastic Surgery <i>Bilge Kağan Aysal</i>	<b>Lecture</b> Principles of Hand Surgery <i>Bilge Kağan Aysal</i>	<b>Lecture</b> Wound Healing <i>Mert Ersan</i>	<b>Lecture</b> Skin Cancer <i>Mert Ersan</i>	<b>Practical Lessons</b>	<b>Practical Lessons</b>	<b>Assessment Session</b>
10.30-12.00	<b>Lecture</b> Cosmetic Surgery <i>Mert Ersan</i>	<b>Lecture</b> Principles of Hand Surgery <i>Bilge Kağan Aysal</i>	<b>Lecture</b> Burn and Reconstructive Surgery <i>Mert Ersan</i>	<b>Lecture</b> Skin Cancer <i>Mert Ersan</i>			<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clerkship Program Independent Learning
12.00-13.00	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>			
13.00-17.00	<b>Lecture</b> Breast Cancer, Treatment Options & Breast Reconstruction <i>Mert Ersan</i>	<b>Lecture</b> Maxillofacial Trauma <i>Bilge Kağan Aysal</i>	<b>Lecture</b> Skin Graft and Flap <i>Bilge Kağan Aysal</i>	<b>Lecture</b> Cleft Lip and Palate <i>Bilge Kağan Aysal</i>			
	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>			

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**THORACIC SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

**Head of the Department of Thoracic Surgery: Sina Ercan, MD. Prof.**

**&**

**SÜREYYAPAŞA THORACIC DISEASES AND  
THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL**

S. Volkan Baysungur, MD. Prof.

Serdar Evman, MD. Assoc. Prof.

Aysun Kosif, MD. Assoc. Prof.

Serda Kanbur Metin M.D., Assoc. Prof.

## **AIM AND LEARNING OBJECTIVES OF THORACIC SURGERY**

### **AIM**

Aim of this clerkship is to;

1. Equip students with necessary knowledge, skills and attitudes required to recognize emergencies of major airways, pulmonary vascular structures, lungs, chest wall, esophagus and other frequent pathologies,
2. Equip students with necessary knowledge, skills and attitudes required to complete initial workup to confirm diagnosis,
3. Equip students with necessary knowledge, skills and attitudes required to organize initial treatment as well as arranging quick transfer to a next level health center when needed,
4. Provide students with necessary theoretical and practical training.

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

- 1.0. Define anatomy of structures related to thoracic surgery including lungs, thoracic wall, mediastinum, major airways and esophagus,
- 2.0. Define necessary workup and invasive procedures in accordance with preliminary diagnosis
- 3.1. Evaluate treatment options for patient according to preliminary diagnosis,
- 3.2. Select appropriate treatment option for patient
- 4.0. Define findings of shock in patients with tension pneumothorax, hemoptysis, or trauma
- interpret basic concepts regarding blood transfusion, hemostasis, and coagulation
- 5.0. Recognize contemporary techniques and technologies used in thoracic surgery
- 6.0. Interpret basic principles of surgical oncology

#### **SKILLS**

- 7.0. Perform Physical Examination of a normal respiratory system and upper digestive system
- 8.0. Perform needle decompression of tension pneumothorax
- 9.0. Assess mallampathy level of patient for a safe airway
- 10.0. Locate appropriate point of drainage on patient, according to chest x-ray findings

#### **ATTITUDES**

- 11.0. Realize physician's responsibilities to provide counseling and education to patient and patient's relatives regarding general health screening and surveillances (such as smoking cessation, colonoscopy, mammography, etc.) according to patient's sex, age and race if appropriate.
- 12.0. Respect patient-doctor communication and patient privacy
- 13.0. Obtain complete history with appropriate communication skills and behaving in a good manner towards patient and patient's relatives.
- 14.0. Value providing appropriate transport conditions in accordance with regulations.

#### **COMPETENCIES**

- 15.0. Plan basic approach and treatment to traumatized patient.
- 16.0. Plan initial management and workup tests of patient presented with respiratory insufficiency
- 17.0. Do preliminary diagnosis in thoracic pathologies by going over differential diagnosis
- 18.0. Realize importance of providing necessary information to patient or patient's relatives
- 19.0. Manage postoperative wound care and dressing
- 20.1. Do followup postoperative patients according to vital parameters, fluid and electrolyte balance, and surgical drain outputs,
- 20.2. Interpret correctly postoperative chest x-rays in order to plan appropriate management
- 21.0. Refer patient to further health care centers upon indication

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

## ASSESSMENT

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

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

THORACIC SURGERY Group C							
	Thursday 12 Dec 2024 @Kayışdağı	Friday 13 Dec 2024 @Sultanbeyli	Monday 16 Dec 2024 @Kayışdağı	Tuesday 17 Dec 2024 @Kayışdağı	Wednesday 18 Dec 2024 @Sultanbeyli	Thursday 19 Dec 2024 @Sultanbeyli	Friday 20 Dec 2024 @ Kayışdağı
08.30-09.15	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	<b>Clinical Experience</b> In Patient Serda Kanbur	<b>Lecture</b> Chest Wall Diseses and Surgical Treatment R.Serdar Evman	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Clinical Experience</b> Surgical Intensive care unit Aysun Kosif	<b>Clinical Experience</b> Surgical Intensive care unit R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam
09.25-10.10	<b>Lecture</b> Surgical Pathologies of Trachea and theirTreatment Sina Ercan	<b>Clinical Experience</b> Surgical Serda Kanbur	<b>Lecture</b> Diaphragmatical Diseases and Surgical Treatment R.Serdar Evman	<b>Lecture</b> Minimal InvasiveSurgical Approaches in Thoracic Diseases Aysun Kosif	<b>Clinical Experience</b> Surgical Operating room Aysun Kosif	<b>Clinical Experience</b> Surgical Operatingroom R.Serdar Evman	
10.20-11.05	<b>Lecture</b> Esophageal Diseases and Surgical Treatment Sina Ercan	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Lecture</b> Hemoptysis R.Serdar Evman	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Aysun Kosif	<b>Clinical Experience</b> InPatient Aysun Kosif	<b>Clinical Experience</b> Surgical R.Serdar Evman	
11.10-12.00	<b>Lecture</b> Thoracic Trauma I Aysun Kosif	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Case Presentation (Faculty)</b> R.Serdar Evman	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Aysun Kosif	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Lecture</b> PreoperativeEvaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	
12.00-13.00	Lunch						
13.00-13.45	<b>Lecture</b> Thoracic Trauma II Aysun Kosif	<b>Clinical Experience</b> Surgical Bronchoscopy R.Serdar Evman	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	<b>Clinical Experience</b> Surgical Volkan Baysungur	<b>Clinical Skills Training</b> Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	<b>Written Exam</b>
13.55-14.40	<b>Lecture</b> Interventional Procedures in Thoracic Surgery Aysun Kosif	<b>Clinical Experience</b> Surgical Tube thoracostomy R.Serdar Evman	<b>Lecture</b> Radiological Evaluationin Thoracic Surgery Serda Kanbur	<b>Lecture</b> Benign Lung Diseases & Hydatic Cyst of the Lung Serda Kanbur	<b>Clinical Experience</b> In Patient Volkan Baysungur	<b>Clinical Skills Training</b> <b>Assessment Session</b> Aysun Kosif	<b>Structured Oral Exam</b>
14.50-15.35	<b>Case Presentation (Faculty)</b> Aysun Kosif	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	
15.45-16.30	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY Group D							
	Monday 23 Dec 2024 @Kayışdağı	Tuesday 24 Dec 2024 @Sultanbeyli	Wednesday 25 Dec 2024 @Kayışdağı	Thursday 26 Dec 2024 @Kayışdağı	Friday 27 Dec 2024 @Sultanbeyli	Monday 30 Dec 2024 @Sultanbeyli	Tuesday 31 Dec 2024 @ Kayışdağı
08.30-09.15	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	<b>Clinical Experience</b> In Patient Serda Kanbur	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	<b>Lecture</b> Chest Wall Diseses and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy R.Serdar Evman	<b>Clinical Experience</b> Surgical Intensive care unit R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam
09.25-10.10	<b>Lecture</b> Surgical Pathologies of Trachea and theirTreatment Sina Ercan	<b>Clinical Experience</b> Surgical Serda Kanbur	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Serda Kanbur	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Tube thoracostomy R.Serdar Evman	<b>Clinical Experience</b> Surgical Operatingroom R.Serdar Evman	
10.20-11.05	<b>Lecture</b> Esophageal Diseases and Surgical Treatment Sina Ercan	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Hemoptysis R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman	
11.10-12.00	<b>Lecture</b> Thoracic Trauma I Aysun Kosif	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Case Presentation (Faculty)</b> R.Serdar Evman	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Lecture</b> PreoperativeEvaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	
12.00-13.00	Lunch						
13.00-13.45	<b>Lecture</b> Thoracic Trauma II Aysun Kosif	<b>Clinical Experience</b> Surgical Intensive care unit Aysun Kosif	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Clinical Experience</b> Surgical Volkan Baysungur	<b>Clinical Skills Training</b> Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	<b>Written Exam</b>
13.55-14.40	<b>Lecture</b> Interventional Procedures in Thoracic Surgery Aysun Kosif	<b>Clinical Experience</b> Surgical Operating room Aysun Kosif	<b>Lecture</b> Radiological Evaluationin Thoracic Surgery Serda Kanbur	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	<b>Clinical Experience</b> In Patient Volkan Baysungur	<b>Clinical Skills Training</b> <b>Assessment Session</b> Aysun Kosif	<b>Structured Oral Exam</b>
14.50-15.35	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Aysun Kosif	<b>Clinical Experience</b> In Patient Aysun Kosif	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	
15.45-16.30	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY Group A								
	Monday 05 May 2025 @Kayışdağı	Tuesday 06 May 2025 @Sultanbeyli	Wednesday 07 May 2025 @Kayışdağı	Thursday 08 May 2025 @Kayışdağı	Friday 09 May 2025 @Sultanbeyli	Monday 12 May 2025 @Sultanbeyli	Tuesday 13 May 2025 @Kayışdağı	Wednesday 14 May 2025 @Kayışdağı
08.30-09.15	<b>Introductory Session</b> Welcome & Acquaintance “Introduction to Thoracic Surgery” Sina Ercan	<b>Clinical Experience</b> In Patient Serda Kanbur	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy R.Serdar Evman	<b>Clinical Experience</b> Surgical Intensive care unit R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam
09.25-10.10	<b>Lecture</b> Surgical Pathologies of Trachea and theirTreatment Sina Ercan	<b>Clinical Experience</b> Surgical Serda Kanbur	<b>Lecture</b> Benign Lung Diseases & Hydatic Cyst of the Lung Serda Kanbur	<b>Lecture</b> Diaphragmatical Diseases and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Tube thoracostomy R.Serdar Evman	<b>Clinical Experience</b> Surgical Operatingroom R.Serdar Evman		
10.20-11.05	<b>Lecture</b> Esophageal Diseases and Surgical Treatment Sina Ercan	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Hemoptysis R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman		
11.10-12.00	<b>Lecture</b> Thoracic Trauma I Aysun Kosif	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Case Presentation (Faculty)</b> R.Serdar Evman	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur		
12.00-13.00	Lunch							
13.00-13.45	<b>Lecture</b> Thoracic Trauma II Aysun Kosif	<b>Clinical Experience</b> Surgical Intensive care unit Aysun Kosif	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Clinical Experience</b> Surgical Volkan Baysungur	<b>Clinical Skills Training</b> Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam	<b>Written Exam</b>
13.55-14.40	<b>Lecture</b> Interventional Procedures in Thoracic Surgery Aysun Kosif	<b>Clinical Experience</b> Surgical Operating room Aysun Kosif	<b>Lecture</b> Radiological Evaluationin Thoracic Surgery Serda Kanbur	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	<b>Clinical Experience</b> In Patient Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Aysun Kosif		<b>Structured Oral Exam</b>
14.50-15.35	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Aysun Kosif	<b>Clinical Experience</b> In Patient Aysun Kosif	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam		
15.45-16.30	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam		<b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Clerkship Progr.

THORACIC SURGERY Group B									
	Thursday 15 May 2025 @Kayışdağı	Friday 16 May 2025 @Sultanbeyli	Monday 19 May 2025 @Kayışdağı	Tuesday 20 May 2025 @Kayışdağı	Thursday 21 May 2025 @ Kayışdağı	Wednesday 22 May 2025 @Sultanbeyli	Friday 23 May 2025 @ Sultanbeyli	Monday 26 May 2025 @ Kayışdağı	
08.30-09.15	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	<b>Clinical Experience</b> In Patient Serda Kanbur	National Holiday	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	<b>Lecture</b> Chest Wall Diseases and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Bronchoscopy R.Serdar Evman	<b>Clinical Experience</b> Surgical Intensive care unit R.Serdar Evman	<b>Independent Learning</b> Preparation for the Exam	
09.25-10.10	<b>Lecture</b> Surgical Pathologies of Trachea and theirTreatment Sina Ercan	<b>Clinical Experience</b> Surgical Serda Kanbur		<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Serda Kanbur	<b>Lecture</b> Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	<b>Clinical Experience</b> Surgical Tube thoracostomy R.Serdar Evman	<b>Clinical Experience</b> Surgical Operatingroom R.Serdar Evman		
10.20-11.05	<b>Lecture</b> Esophageal Diseases and Surgical Treatment Sina Ercan	<b>Case Presentation (Faculty)</b> Volkan Baysungur		<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Hemoptysis R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Clinical Experience</b> Surgical R.Serdar Evman		
11.10-12.00	<b>Lecture</b> Thoracic Trauma I Aysun Kosif	<b>Case Presentation (Faculty)</b> Pneumothorax Radiology Volkan Baysungur		<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Case Presentation (Faculty)</b> R.Serdar Evman	<b>Lecture</b> Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	<b>Lecture</b> Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur		
12.00-13.00									
13.00-13.45	<b>Lecture</b> Thoracic Trauma II Aysun Kosif	<b>Clinical Experience</b> Surgical Intensive care unit Aysun Kosif	National Holiday	<b>Lecture</b> Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	<b>Lecture</b> Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	<b>Clinical Experience</b> Surgical Volkan Baysungur	<b>Clinical Skills Training</b> Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Written Exam	
13.55-14.40	<b>Lecture</b> Interventional Procedures in Thoracic Surgery Aysun Kosif	<b>Clinical Experience</b> Surgical Operating room Aysun Kosif		<b>Lecture</b> Radiological Evaluationin Thoracic Surgery Serda Kanbur	<b>Lecture</b> Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	<b>Clinical Experience</b> In Patient Volkan Baysungur	<b>Clinical Skills Training Assessment Session</b> Aysun Kosif	Structured Oral Exam	
14.50-15.35	<b>Lecture</b> Mediastinal Diseases and Surgical Treatment Aysun Kosif	<b>Clinical Experience</b> In Patient Aysun Kosif		<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Lecture</b> Lung Cancers and Other Tumors of Lung Aysun Kosif	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam		
15.45-16.30	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam			<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	<b>Independent Learning</b> Preparation for the Exam	Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.

**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE**  
**PHASE IV**

**CLINICAL ETHICS**

**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

Elif Vatanoğlu Lutz, MD. Prof.

Adem Az MD. PhD.

## AIM AND LEARNING OBJECTIVES OF CLINICAL ETHICS

### **AIM**

*Aim of this clerkship is to;*

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

### **LEARNING OBJECTIVES**

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

#### **KNOWLEDGE**

- 1.0. justify ethical principals by recognizing ethics problems and using basic ethics Approach
- 2.0. define deontological sanctions recognizing part of medical deontology subjects besides legal subjects
- 3.0. outline importance of informed consent in every medical attempt
- 4.0. classify medical information systems in the framework of legal and ethical codes
- 5.0. evaluate doctor's attitude in terms of ethics in recognition of human rights concept in medicine (e.g. in cases of torture, convict Patients' treatment rights, virginity control or dead penalty)
- 6.1. define communication,
- 6.2. classify communication techniques and concepts about communication, recognizing positive and negative aspects of various types of doctor patient relationships
- 7.0. explain useful communication techniques in relationship with people who are desperately ill, recognizing people's different roles and different reactions as important bases in the presence of desperate cases
- 8.1. list concept of abortions and connected terms,
- 8.2. describe legal and ethical responsibilities in these cases
- 9.0 outline ethics Approach and value conflicts about organ donation, considering complete legal regulations and ethical codes in the world and in our country
- 10.0 relate doctor's responsibility with ethical principles in distribution and use of medical sources
- 11.0 recognize respect for Patient's privacy as a basic subject of medicine and doctors' social responsibility.
- 12.0 recognize ethical problems in usage of technology as new reproduction methods
- 13.1. define ethical problems recognizing people's curiosity limit and doctor's social responsibility,
- 13.2. explain importance of genetic consultancy in terms of ethics and ethical problems considering cloning and genome projects.
- 14.0. list international and national regulations in the face of value problems that may occur in process of search and edition.
- 15.0. define code of ethics that are important to protect the rights of experimental subjects
- 16.0. relate concepts of illness and deformity involved in plastic surgery
- 17.0. explain systematically and critically the process of making decision about end of life

#### **SKILLS**

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

#### **ATTITUDES**

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

#### **COMPETENCIES**

- 27.0. use effective communication and conflict resolution skills being sensitive to value problems in relationship with Patient
- 28.0. conduct a team work when necessary for dealing with pressure and anxiety arising from dying Patient and relatives
- 29.0. make a multidisciplinary team work on organ donations by implementing a sensitive policy about organ donations and related value conflicts and ethical dilemmas

## ASSESSMENT

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

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

CLINICAL ETHICS / September 09 -13, 2024 (face to face)					
	Monday 09.Sept.2024	Tuesday 10. Sept.2024	Wednesday 11. Sept.2024	Thursday 12. Sept.2024	Friday 13. Sept.2024
09.00-09.50	<b>Introductory Session</b> (Introduction to the General Medical Ethics Principles) <i>Adem Az</i>	<b>Independent Learning</b> Preparation for Student Presentations	<b>Independent Learning</b> Preparation for Student Presentations	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Adem Az</i>	Collecting the papers
10.00-10.50	Repeating Physician-Patient Relationship Models <i>Adem Az</i>				<b>Lecture and Discussion (large group)</b> Student Presentations <i>Adem Az</i>
11.00-11.50	Application of Medical Ethics Principles to Different Physician-Patient Relationship Models <i>Adem Az</i>				
12.00-12.50	Lunch				
13.00-13.50	Explaining the Interdisciplinary Approach between Medical Law and Medical Ethics <i>Adem Az</i>	<b>Independent Learning</b> Preparation for Student Presentations	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Adem Az</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Adem Az</i>	<b>Lecture and Discussion (large group)</b> Student Presentations <i>Adem Az</i>
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey <i>Adem Az</i>				
15.00- 15.50	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey <i>Adem Az</i>				
16.00-16.50	Science Ethic <i>Adem Az</i>				
17.00-17:50	Research Ethic <i>Adem Az</i>				

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**PUBLIC HEALTH  
(EVIDENCE BASED MEDICINE)**

**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

**Head of the Department of Public Health:** Hale Arık Taşyikan, MD Assist. Prof. MPH

## AIM AND LEARNING OBJECTIVES OF EVIDENCE-BASED MEDICINE

### **AIM**

Aim of this clerkship is to;

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

### **LEARNING OBJECTIVES**

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

- 1.0. define
  - 1.1. the steps to evidence based medicine
  - 1.2. a clinical question in pico format from a patient scenario
  - 1.3. main databases necessary for evidence based medicine
  - 1.4. research methods and hierarchy among methods for producing evidence
  - 1.5. the types of clinical questions
  - 1.6. clinical evidence using clinical query database
  - 1.7. common study designs. identify the major strengths and limitation of each.
  - 1.8. which study designs are best for answering clinical questions related to therapy/prevention.
- 2.0. therapy/prevention
  - 2.1. assess study for validity
  - 2.2. derive number needed to treat (nnt), number needed to harm (nnh)
  - 2.3. interpret confidence intervals, p values, relative risk, odds ratio, hazard ratio
  - 2.4. apply therapy evidence to patients
  - 2.5. define bias in epidemiologic studies
  - 2.6. define confounding factor in epidemiologic studies
- 3.0. diagnosis
  - 3.1. assess study for validity
  - 3.2. derive sensitivity, specificity, positive predictive value, negative predictive value, and likelihood ratios.
  - 3.3. apply diagnostic evidence to patients
  - 3.4. summarize diagnostic evidence in written report
  - 3.5. summarize diagnostic evidence verbally to colleagues
  - 3.6. summarize and interpret diagnostic evidence for a patient in terms he/she will understand
- 4.0. communication skills
  - 4.1. identify common pitfalls to communicating evidence to patients
  - 4.2. describe the steps to communicating evidence to patients
  - 4.3. advocate and use the evidence based medicine approach

## ASSESSMENT

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

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

PUBLIC HEALTH (EVIDENCE BASED MEDICINE) / September 16 – 20 2024					
	Monday 16.Sept.2024	Tuesday 17. Sept.2024	Wednesday 18. Sept.2024	Thursday 19. Sept.2023	Friday 20. Sept.2023
09.00-09.50	Introductory Session  Lecture  Introduction to EBM  <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arık Taşyikan</i>	Discussion (Large Group) An EBM Story	Revision of the EBM homework (if required)
10.00-10.50		Preparation for EBM homework		Lecture Evaluation of Screening Tests <i>Hale Arık Taşyikan</i>	Evaluation of the EBM homework
11.00-11.50			Discussion (Large Group) An EBM Story	Lecture Confounding Factor, Bias and Types of Bias <i>Hale Arık Taşyikan</i>	Evaluation of group presentations and discussions
12.00-13.00	Lunch				
13.00-14.50	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence  Facilitators: <i>Hale Arık Taşyikan</i>	Preparation for EBM homework:  Facilitators: <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework  <i>Hale Arık Taşyikan</i>	Preparation for, and submission of the EBM homework (latest:14.00)	Revision of the EBM homework (if required)  Evaluation of the EBM homework
15.00-17.50	Structured group presentations and discussions  Facilitators: <i>Hale Arık Taşyikan</i>	Structured group presentations and discussions  Facilitators: <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework  <i>Hale Arık Taşyikan</i>	The facilitator's feedback to the student on the EBM homework  <i>Hale Arık Taşyikan</i>	Evaluation of group presentations and discussions
17.00-17.50					Program Evaluation Session  <i>Hale Arık Taşyikan</i>

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**EMERGENCY MEDICINE**

**YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

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

Ferudun Çelikmen, MD, Assist. Prof.

Mustafa Yazıcıoğlu, MD, Assist. Prof.

Cem Şimşek, MD, Assist. Prof.

Özkan Erarslan, MD, Emergency Med. Specialist

Dijan Tav Şimşek, MD, Emergency Med. Specialist

Alev Eceviz, MD, Emergency Med. Specialist

Cem Şimşek, MD, Emergency Med. Specialist

# AIM AND LEARNING OBJECTIVES OF EMERGENCY MEDICINE

## AIM

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

## LEARNING OBJECTIVES

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

### **KNOWLEDGE**

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

### **SKILLS**

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

### **ATTITUDE**

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

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

## ASSESSMENT

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

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

**EMERGENCY MEDICINE PROGRAM**  
**GROUP D 21.10.2024-01.11.2024**

GROUP D					
	Monday 21-Oct-2024	Tuesday 22-Oct-2024	Wednesday 23-Oct-2024	Thursday 24-Oct-2024	Friday 25-Oct-2024
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Özkan Erarslan</i>  <b>Lecture</b> Approach to Chest Pain <i>Dijan Tav Şimşek</i>	<b>Lecture</b> ACLS/BLS <i>Dijan Tav Şimşek</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Alev Eceviz</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	<b>Lecture</b> Management of ACS <i>Mustafa Yazıcıoğlu</i>  <b>Lecture</b> Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	<b>Lecture</b> Approach to Dispnea <i>Özkan Erarslan</i>  <b>Lecture</b> Stroke <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Airway Management <i>Mustafa Yazıcıoğlu</i>  <b>Lecture</b> Approach to the Poisoned Patient <i>Alev Eceviz</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP D					
	Monday 26-Oct-2024	Tuesday 27-Oct-2024	Wednesday 28-Oct-2024	Thursday 29-Oct-2024	Friday 30-Oct-2024
09:00-12:00	Student Presentations Group D1-D2-D3	Student Presentations Group D4-D5-D6	Student Presentations Group D7-D8	National Holiday	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch		Lunch
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)		Evaluation Session
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)		

**GROUP C 18.11.24-29.11.24**

GROUP C					
	Monday 18-Nov-2024	Tuesday 19-Nov-2024	Wednesday 20-Nov2024	Thursday 21-Nov-2024	Friday 22-Nov-2023
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Özkan Erarslan</i>  <b>Lecture</b> Approach to Chest Pain <i>Dijan Tav Şimşek</i>	<b>Lecture</b> ACLS/BLS <i>Dijan Tav Şimşek</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Alev Eceviz</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	<b>Lecture</b> Management of ACS <i>Mustafa Yazıcıoğlu</i>  <b>Lecture</b> Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	<b>Lecture</b> Approach to Dispnea <i>Özkan Erarslan</i>  <b>Lecture</b> Stroke <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Airway Management <i>Mustafa Yazıcıoğlu</i> <b>Lecture</b> Approach to the Poisoned Patient <i>Alev Eceviz</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP C					
	Monday 25-Nov-2024	Tuesday 26-Nov-2024	Wednesday 27-Nov-2024	Thursday 28-Nov-2024	Friday 29-Nov-2024
09:00-12:00	Student Presentations Group C1-C2-C3	Student Presentations Group C4-C5-C6	Student Presentations Group C7-C8	Clinical Experience (Emergency Department)	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation Session
17:00- 21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

**GROUP A 07.04.25-21.04.25**

GROUP A					
	Monday 07-Apr-2025	Tuesday 08-Apr-2025	Wednesday 09-Apr-2025	Thursday 10-Apr-2025	Friday 11-Apr-2025
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Özkan Erarslan</i>  <b>Lecture</b> Approach to Chest Pain <i>Dijan Tav Şimşek</i>	<b>Lecture</b> ACLS/BLS <i>Dijan Tav Şimşek</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Alev Eceviz</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-17:00	<b>Lecture</b> Management of ACS <i>Mustafa Yazıcıoğlu</i>  <b>Lecture</b> Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	<b>Lecture</b> Approach to Dispnea <i>Özkan Erarslan</i>  <b>Lecture</b> Stroke <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Airway Management <i>Mustafa Yazıcıoğlu</i> <b>Lecture</b> Approach to the Poisoned Patient <i>Alev Eceviz</i>	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP A					
	Monday 14- Apr -2025	Tuesday 15- Apr -2025	Wednesday 16- Apr -2025	Thursday 17- Apr -2025	Friday 18- Apr -2025
09:00-12:00	Student Presentations Group A1-A2-A3	Student Presentations Group A4-A5-A6	Student Presentations Group A7-A8	Clinical Experience (Emergency Department)	Theoretical Exam
12.00- 13:00	Lunch	Lunch	Lunch	Lunch	
13.00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation Session
17:00-21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

**GROUP B 10.06.25-20.06.25**

GROUP B					
	Monday 09- Jun-2025	Tuesday 10- Jun-2025	Wednesday 11- Jun-2025	Thursday 12- Jun-2025	Friday 13- Jun-2025
09:00-12:00	Religious holiday	<b>Lecture</b> Shock <i>Alev Eceviz</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	<b>Lecture</b> ACLS/BLS <i>Dijan Şimşek</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Özkan Erarslan</i>  <b>Lecture</b> Approach to Chest Pain <i>Dijan Şimşek</i>	Clinical Experience (Emergency Department)
12.00- 13:00		Lunch	Lunch	Lunch	Lunch
13.00-15:00		<b>Lecture</b> Airway Management <i>Mustafa Yazıcıoğlu</i> <b>Lecture</b> Approach to the Poisoned Patient <i>Alev Eceviz</i>	<b>Lecture</b> Approach to Dispnea <i>Özkan Erarslan</i>  <b>Lecture</b> Stroke <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Management of ACS <i>Mustafa Yazıcıoğlu</i>  <b>Lecture</b> Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i>	Clinical Experience (Emergency Department)
17:00-21:00		Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)

GROUP A					
	Monday 16- Jun-2025	Tuesday 17- Jun-2025	Wednesday 18- Jun-2025	Thursday 19- Jun-2025	Friday 20- Jun-2025
09:00-12:00	Student Presentations Group A1-A2-A3	Student Presentations Group A4-A5-A6	Student Presentations Group A7-A8	Clinical Experience (Emergency Department)	Theoretical Exam
12:00- 13:00	Lunch	Lunch	Lunch	Lunch	
13:00-15:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Evaluation Session
17:00- 21:00	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	Clinical Experience (Emergency Department)	

## PHASE IV STUDENT COUNSELING

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

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

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

- a) Inform students about the university, faculty and surrounding facilities
- b) Inform students about the courses and help them select courses
- c) Inform students about the education and assessment regulations
- d) Follow students attendance to lectures and success
- e) In case of failure, investigate the causes and cooperate with the students to overcome them
- f) f) Help students in career planning
- g) Contribute to students adapting the habit of lifelong learning
- h) f) Guide students to counseling services of the university
- i) Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, physician awareness are concerned
- j) Contribute to cultivation of professional and intellectual development in a rapidly changing world
- k) Acknowledge the coordinator when there are unsolved problems of the students
- l) Consultant-student relationship is a dynamic and mutual process carried out in the campus and the hospital. It is recommended that the consultant and the student meet at least twice during a semester.

**The expectations from the student are as follows:**

- a) Contribute to improvement of satisfaction level in the problem areas
- b) Report the social and economic conditions that require consultant's help
- c) Specify expectations from the education and the department from which this training is taken
- d) Give feedback on the counseling services regarding their satisfaction level
- e) Student counsellors will be appointed after finalization of the class list and will be announced to the students.
- f) After the announcement of the counsellors on the information board, each student is expected to contact his/her counsellor until the end of the first month.

***\* Student counseling is conducted through the Yeditepe University Faculty of Medicine Education Management System (EYS). The names of the assigned advisors can be accessed via the EMS platform.\****



**FACULTY OF MEDİCİNE / PHASE IV  
CLERKSHIP ASSESSMENT FORM**

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

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.

Grades and Letter grades are shown for Courses coded courses\* in the following table:

Grades	Letter Grades
90-100	AA
80-89	BA
70-79	BB
65-69	CB
60-64	CC
59 or less	FF (Fail in the context of "Pass or Fail Calculations of the Courses" table pp.41)
0	FA (Fail due to non attendance to the courses)

\* Please see <https://med.yeditepe.edu.tr/tr/mezuniyet-oncesi-tip-egitimi> for more information.

	Letter grade	Success grade
<b>Estimated Grade:</b>		

**Head of the Department / Instructor in Charge :**

**Signature :**

**Date :**

## CONTACT

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