

**YEDİTEPE UNIVERSITY**  
**FACULTY of MEDICINE PHASE IV**  
**ACADEMIC PROGRAM BOOK**  
**2023– 2024**

Student's; Name :.....

Nr :.....

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

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# YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

## AIM OF MEDICAL EDUCATION PROGRAM\*,\*\*

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

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### AIM

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

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

# YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

## PROGRAM OUTCOMES OF MEDICAL EDUCATION <sup>\*</sup>, <sup>\*\*</sup>

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

### **PODG.1. Basic Professional Competencies**

#### **POD.1.1. Clinical Competencies**

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

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

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

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

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

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

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

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

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

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

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

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

#### **POD.1.2. Competencies Related to Communication**

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

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

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

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

#### **POD.1.3. Competencies Related to Leadership and Management**

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

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

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

#### **POD.1.4. Competencies Related to Health Advocacy**

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

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

#### **POD.1.5. Competencies Related to Research**

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

#### **POD.1.6. Competencies Related to Health Education and Counseling**

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

#### **PODG.2. Professional Values and Perspectives**

##### **POD.2.1. Competencies Related to Law and Legal Regulations**

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

### **POD.2.2. Competencies Related to Ethical Aspects of Medicine**

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

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

### **POD.2.3. Competencies Related to Social and Behavioral Sciences**

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

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

### **POD.2.4. Competencies Related to Social Awareness and Participation**

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

### **POD.2.5. Competencies Related to Professional Attitudes and Behaviors**

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

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

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

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

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

### **PODG.3. Personal Development and Values**

#### **POD.3.1. Competencies Related to Lifelong Learning**

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

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

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



### **POD.3.2. Competencies Related to Career Management**

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

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

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

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

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

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

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

**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**PHASE IV COORDINATION COMMITTEE  
(TEACHING YEAR 2023 – 2024)**

Gökhan GENCER MD, Assist Prof. (Coordinator)

Müge Bıçakçıgil Kalaycı MD, Prof. (Co-coordinator)

Elif Birtaş Ateşoğlu MD, Assoc Prof. (Co-coordinator)

Bilge Kağan Aysal MD, Assoc Prof. (Co-coordinator)

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

Burçin Yorgancı Kale MD, Assist Prof. (Co-Coordinator)

Mert Yeşiladalı MD, Assist Prof. (Co-Coordinator)



**YEDİTEPE UNIVERSITY**  
**FACULTY OF MEDICINE CURRICULUM 2023-2024**  
**PHASE IV**

<b>FOURTH YEAR</b>						
	<b>W</b>	<b>T</b>	<b>A</b>	<b>L</b>	<b>Y</b>	<b>E</b>
Internal Medicine	9					10
Child Health And Paediatrics	10					12
Obstetrics and Gynaecology	5					9
General Surgery	4					8
Cardiology	2					5
Cardiovascular Surgery	2					2
Clinic Ethics	1					2
Plastic and Reconstructive Surgery	1.5					2
Public Health	1					2
Thoracic Surgery	1.5					2
Transition to Clinical Settings	1					2
Emergency Medicine	2					2
Elective Clerkship	1					
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.

T: Theoretical, A: Application , L: Laboratory, Y: Yeditepe University Credit, E: ECTS Credit	<b>Minimum Degree Requirements</b>	
NC: Non-Credit Course, FS: Fall Semester, SS: Spring Semester, W: Weeks.	<b>ECTS</b>	<b>360</b>
<b>Approval Date:</b>	<b>Number of courses</b>	<b>53</b>

\* Please see [https://med.yeditepe.edu.tr/sites/default/files/curriculum\\_2021-22\\_ytf\\_tr.docx](https://med.yeditepe.edu.tr/sites/default/files/curriculum_2021-22_ytf_tr.docx) 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 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

## PHASE 4 ACADEMIC SCHEDULE 2023 – 2024

TRANSITION TO CLINICAL SETTINGS (3 DAYS ) 29.08.2023-01.09.2023			
CLINICAL ETHICS (1 WEEK) 04-09.09.2023			
PUBLIC HEALTH (1 WEEK) 11-15.09.2023			
GROUP A	GROUP B	GROUP C	GROUP D
INTERNAL MEDICINE (9 WEEKS) 18.09.2023-17.11.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS ) 18.09.2023-24.11.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL TRAINING AND RESEARCH HOSPITAL.	CARDIOLOGY (2 WEEKS) 18.09.2023-29.09.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL CARDIOVASCULAR SURGERY (2 WEEKS) 02.10.2023-13.10.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	GENERAL SURGERY (4 WEEKS) 18.09.2023-13.10.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL TRAINING AND RESEARCH HOSPITAL.
ELECTIVE CLERCKŞİP (1 WEEK) 20.11.2023-24.11.2023		GENERAL SURGERY (4 WEEKS) 16.10.2023-10.11.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: İSTANBUL TRAINING AND RESEARCH HOSPITAL..	EMERGENCY MEDICINE (2 WEEKS) 16.10.2023-27.10.2023 YEDİTEPE UNIVERSITY HOSPITAL CARDIOLOGY (2 WEEKS) 30.10.2023 -10.11.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
CHILD HEALTH AND PEDIATRICS (10 WEEKS ) 27.11.2023-02.02.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + PRACTICAL: İSTANBUL TRAINING AND RESEARCH HOSPITAL.	INTERNAL MEDICINE (9 WEEKS) 27.11.2023-26.01.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL	EMERGENCY MEDICINE (2 WEEKS) 13.11.2023-24.11.2023 YEDİTEPE UNIVERSITY HOSPITAL PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 27.11.2023-06.12.2023 YEDİTEPE UNIVERSITY HOSPITAL / 8 gün THORACIC SURGERY (1,5 WEEK) 07.12.2023-15.12.2023 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL/ 7 gün	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 13.11.2023 - 15.12.2023 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: SANCaktepe ŞEHİT PROF.DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL+ SBÜ İSTANBUL TRAINING AND RESEARCH HOSPITAL.
	ELECTIVE CLERCKŞİP (1 WEEK) 29.01.2024-02.02.2024		THORACIC SURGERY (1,5 WEEK) 18.12.2023-27.12.2023 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL 8 gün
CARDIOLOGY (2 WEEKS) 05.02.2024-16.02.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	GENERAL SURGERY (4 WEEKS) 05.02.2024-01.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: MINISTRY OF HEALTH TRAINING AND RESEARCH HOSPITAL	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 18.12.2023-19.01.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: SANCaktepe ŞEHİT PROF.DR. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL+ SBÜ İSTANBUL TRAINING AND RESEARCH HOSPITAL.	PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 28.12.2023-05.01.2024 YEDİTEPE UNIVERSITY HOSPITAL /7 gün
CARDIOVASCULAR SURGERY (2 WEEKS) 19.02.2024-01.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			CARDIOVASCULAR SURGERY (2 WEEKS) 08.01.2024-19.01.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL
GENERAL SURGERY (4 WEEKS) 04.03.2024 -29.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: MINISTRY OF HEALTH TRAINING AND RESEARCH HOSPITAL	CARDIOLOGY (2 WEEKS) 04.03.2024 -15.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL CARDIOVASCULAR SURGERY (2 WEEKS) 18.03.2024-29.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL - PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	INTERNAL MEDICINE (9 WEEKS) 22.01.2024-22.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL + YEDİTEPE UNIVERSITY HOSPITAL	CHILD HEALTH AND PEDIATRICS (10 WEEKS ) 22.01.2024-29.03.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + PRACTICAL:
EMERGENCY MEDICINE (2 WEEKS) 01.04.2024-19.04.2024 YEDİTEPE UNIVERSITY HOSPITAL		ELECTIVE CLERCKŞİP (1 WEEK) 25.03.2024-29.03.2024	
PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEKS) 22.04.2024-30.04.2024 YEDİTEPE UNIVERSITY HOSPITAL / 6 gün	OBSTETRICS AND GYNECOLOGY (5 WEEKS) 01.04.2024-10.05.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL:		
THORACIC SURGERY (1,5 WEEKS) 02.05.2024- 10.05.2024 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL		CHILD HEALTH AND PEDIATRICS (10WEEKS ) 01.04.2024-14.06.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL + K.L.K PRACTICAL: (takvimde 11 hafta çünkü 2 gunbayram 23 Nisan+1Mayis+19 Mayıs)	INTERNAL MEDICINE (9 WEEKS) 01.04.2024-07.06.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: + YEDİTEPE UNIVERSITY HOSPITAL (takvimde 10 hafta çünkü 2 gunbayram23 Nisan +1Mayis+19 mayis)
OBSTETRICS AND GYNECOLOGY (5 WEEKS) 13.05.2024-14.06.2024 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL:	THORACIC SURGERY (1,5 WEEK) 13.05.2024-22.05.2024 SÜREYYAPAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL/ PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY (1,5 WEEK) 23.05.2024-31.05.2024 YEDİTEPE UNIVERSITY HOSPITAL EMERGENCY MEDICINE (2 WEEKS) 03.06.2024-14.06.2024 YEDİTEPE UNIVERSITY HOSPITAL		ELECTIVE CLERCKŞİP (1 WEEK) 10.06.2024-14.06.2024

Provincial Health Department changes have been made due to the number of student availability. They will do their practical sessions will be announced according to availability of the hospitals.



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

**ACADEMIC CALENDAR 2023 - 2024**

<b>August 29, 2023 (Tuesday)</b>	<b>Beginning of Phase IV</b>
<b>October 18, 2023 (Wednesday)</b>	<b>Coordination Committee Meeting</b>
<b>October 28-29, 2023 (Saturday ½ -Sunday)</b>	<b>Republic Day - National Holiday</b>
<b>November 10, 2023 (Friday)</b>	<b>Commemoration of Atatürk</b>
<b>January 1, 2024 (Monday)</b>	<b>New Year</b>
<b>January 10, 2024 (Wednesday)</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>March 14, 2024 (Thursday)</b>	<b>Physicians' Day</b>
<b>April 23, 2024 (Tuesday)</b>	<b>National Holiday</b>
<b>April 11-13, 2024 (Thursday- Saturday)</b>	<b>Religious Holiday</b>
<b>May 1, 2024 (Wednesday)</b>	<b>Labor's Day</b>
<b>May 19, 2024 (Sunday)</b>	<b>National Holiday</b>
<b>May 22, 2024 (Wednesday)</b>	<b>Coordination Committee Meeting (with student participation)</b>
<b>June 14, 2024 (Friday)</b>	<b>End of Phase IV</b>
<b>July 03 - 07, 2024 (Monday - Friday)</b>	<b>Incomplete Exams</b>
<b>July 10, 2024 (Wednesday)</b>	<b>Coordination Committee Meeting</b>



## 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 Tıp 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		

## **SPECIFIC SESSIONS / PANELS**

### **Introductory Session**

#### **Aim of the session:**

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

#### **Objectives of the Session:**

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

#### **Rules of the Session:**

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

#### **Implementation of the Session:**

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

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

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

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

## **Clerkship Evaluation Session**

### **Aim of the Session:**

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

### **Objectives of the Program Evaluation Session** are to;

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

### **Process:**

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

### **Rules of the Clerkship Evaluation Session :**

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

## **Program Improvement Session**

### **Aim:**

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

### **Objectives:**

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

### **Rules:**

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

### **Implementation:**

#### **Before the Session**

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

#### **During the Session**

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

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

#### **After the Session**

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

## **AIM AND LEARNING OBJECTIVES OF AREA ELECTIVE COURSES**

Area elective courses aim to provide observation and experience in a specific field that corresponds to their career goals and interests.

The following courses (2 ECTS credits each) will be offered in Phase IV. Each student has to choose one of these elective courses. The selection and enrollment procedure will be announced by the phase coordinator. You can reach more information about these courses from faculty web site.

Area Elective Courses: Only one of the provided courses can be elected in the fourth educational year.

## **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'

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**ASSESSMENT PROCEDURES**

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

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

### General Rules:

Students are required to attend the all theoretical and practical sessions such as laboratory work, discussions, seminars, area and clinical studies of courses for the term they are enrolled in. Students whose absenteeism in the theoretical and/or practical sessions exceeds 20% are not admitted to term final and incomplete examinations of the courses.

### Phase IV, V:

#### Clerkships (Clinical courses)

A student who does not attend more than 20% of a clerkship, with or without excuse, is not admitted to the clerkship final examination and incomplete examination, and fail the clerkship with FA. He/she has to repeat the 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.

## **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)

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**TRANSITION TO CLINICAL SETTINGS**

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

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

**Lecturers:**

Sina Ercan, MD, Prof.

Faruk Yencilek, MD, Prof.

Meral Sönmezoğlu, MD, Prof.

Sezgin Sarıkaya, MD, Prof.

Hatice Türe MD, Prof.

Tuğhan Utku, MD, Prof.

Hakan Atalay MD, Assoc. Prof.

Naz Berfu Aktaş MD, Assoc. Prof.

Oğuzhan Zahmacıoğlu, MD, Assoc. Prof.

Serdar Özdemir, MD, PhD, Assist. Prof.

Gözde Polat Dalan, PhD, Assist. Prof.

Emin Gökhan Gençer, MD, Assist. Prof.

Gökhan Eren Clinical Pharmacology

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

### **AIM:**

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

### **LEARNING OBJECTIVES:**

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

#### **KNOWLEDGE**

**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 of personal career management development.

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

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

#### **SKILLS**

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

#### **ATTITUDES**

**value** the infection control program.

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

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

## ASSESSMENT TABLE FOR TRANSITION TO CLINICAL SETTINGS

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

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 2023-2024						
	Tuesday 29.Aug.2023	Wednesday 30.Aug.2023		Thursday 31.Aug.2023	Friday 1.Sep.2023	
09.30-10.00	<b>Introductory Session</b> Introduction to Clerkship Program <i>Meral Sönmezoğlu, Serdar Özdemir</i>	<b>NATIONAL HOLIDAY</b>	10.00-10.50	<b>Lecture</b> Understanding Others <i>Hakan Atalay, Oğuzhan. Zahmacıoğlu, Okan Taycan, Naz Berfu Aktaş</i>	10.00-10.50	<b>Discussion (Large Group)</b> Solving Cases about Communication in Medicine <i>Gözde Polat Dalan</i>
10.00-10.50	<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, Oğuzhan. Zahmacıoğlu, Okan Taycan, Naz Berfu Aktaş</i>	11.00-11.50	<b>Meeting with Coordinator of Phase IV</b> <i>Coordinator of Phase IV Emin Gökhan Gençer</i>
11.00-11.50	<b>Lecture</b> Infection Control Program <i>Meral Sönmezoğlu</i>		12.00-12.50	<b>(Large Group)</b> <i>Oğuzhan Zahmacıoğlu, Okan Taycan, Hakan Atalay, Naz Berfu Aktaş</i>	12.00-12.30	<b>Reflection Session</b> Explanation of the Learning Project <i>Serdar Özdemir</i>
12.00-12.50	<b>Lecture</b> Drug Safety <i>Anıl Sönmez</i>		14.00-14.50	<b>Lecture &amp; Large Group Discussion</b> Breaking Bad News <i>Tuğhan Utku</i>	14.30-16.00	<b>Panel</b> Examples of Careers in Medicine <i>Sina Ercan (Chair)</i>
15.00-15.50	<b>Lecture</b> Emergency Management <i>Sezgin Sarıkaya</i>		15.00-15.50	<b>Meeting with Head Pysician</b> <i>Head Physician of the YU Koşuyolu Hospital</i>		
16.00-16.50	<b>Lecture</b> Introduction to Leadership and Management <i>Hatice Türe</i>					

**YEDİTEPE UNIVERSITY**  
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**INTERNAL MEDICINE CLERKSHIP**  
**LECTURERS**

<b>DISCIPLINE</b>	<b>FACULTY</b>
ENDOCRINOLOGY	Fahrettin KELEŞTİMUR, MD Prof. Özlem HALİLOĞLU, MD Assoc. 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 BIÇAKÇIGİL KALAYCI, MD Prof.
TBA HOSPITAL (TBA)	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

18.09.2023-17.11.2023

## GROUP A- WEEK 1/ September 18-22,2023 (Kozyatağı)

	Monday 18-Sep-2023	Tuesday 19-Sep-2023	Wednesday 20-Sept-2023	Thursday 21-Sep-2023	Friday 22-Sep-2023
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-1 <i>Abdullah Özkök</i>
	<b>Lecture</b> Taking History <i>M. Akif Öztürk</i>				
10:55 – 11:40	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Case Discussion</b> <b>Chest Diseases</b> <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to the Patient with Acid-Base Disorders-2 <i>Abdullah Özkök</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-1 <i>Abdullah Özkök</i>
13.40 - 14.25	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to Patient with Vasculitis <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Approach to the patient with electrolyte disorders-2 <i>Abdullah Özkök</i>
14.35- 15.20	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçıgil Kalaycı</i>	<b>Case Discussion</b> <b>Rheumatology</b> <i>Müge Bıçakçıgil Kalaycı</i>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>
15.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>
16.15-18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP A- WEEK 2 / September 25-29, 2023 (Kozyatağı)**

	Monday 25-Sep-2023	Tuesday 26-Sep-2023	Wednesday 27-Sept-2023	Thursday 28-Sep-2023	Friday 29-Sep-2023
10.00 -10:45	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Cushing's Syndrome <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
10:55 – 11.40	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hyperparathyroidism <i>Özlem Haliloğlu</i>	<b>Case Discussion</b> <b>Endocrinology</b> <i>Özlem Haliloğlu</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
13.40 - 14.25	<b>Lecture</b> Hypothyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hypoparathyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Management of elderly patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Independent Learning</b>
14.35- 15.20	<b>Lecture</b> Hyperthyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Endocrine hypertension <i>Özlem Haliloğlu</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <b>(General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	<b>Independent Learning</b>
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 2-6, 2023 ( Koşuyolu)**

	Monday 02-Oct-2023	Tuesday 03-Oct-2023	Wednesday 04-Oct-2023	Thursday 05-Oct-2023	Friday 06-Oct-2023
10.00 -10:45	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</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> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</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> Gastroenterology <i>Cengiz Pata</i>
11.40 – 12:45					
12.45 - 13.30	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</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> Management of Cancer Pain <i>Bala Başak Öven</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> Nephrology <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	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>



**GROUP A- WEEK 4 / 9-11 October 2023 (Koşuyolu) – 12-13 October 2023 (TBA)**

	Monday 09-Oct-2023	Tuesday 10-Oct-2023	Wednesday 11-Oct-2023	Thursday 12-Oct-2023	Friday 13-Oct-2023
10.00 -10:45	Lecture Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	Lecture Peripheral blood smear <i>Figen Atalay</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
10:55 – 11.40	Lecture Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	Case Discussion Hematology <i>Elif Birtaş Ateşoğlu</i>	Lecture Hypopituitarism <i>Fahrettin Keleştimur</i>		
11.40 – 12:45	LUNCH				
12.45 - 13.30	Lecture Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	Lecture Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Lecture Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
13.40 - 14.25	Lecture Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Independent Learning		
14.35- 15.20	Lecture Plasma cell dyscrasias <i>Figen Atalay</i>	Lecture Asthma <i>Seha Akduman</i>	Independent Learning		
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 5 / 16-20 October 2023 (TBA)**

	Monday 16-Oct-2023	Tuesday 17-Oct-2023	Wednesday 18-Oct-2023	Tuesday 19-Oct-2023	Friday 20-Oct-2023
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP A- WEEK 6 / 23 - 27 October(TBA)**

	<b>Monday 23-Oct-2023</b>	<b>Tuesday 24-Oct-2023</b>	<b>Wednesday 25-Oct-2023</b>	<b>Tuesday 26-Oct-2023</b>	<b>Friday 27-Oct-2023</b>
<b>08:00- 17:00</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 7 / 30 October - 3 November 2023 (TBA)**

	<b>Monday 30-Oct-2023</b>	<b>Tuesday 31-Oct-2023</b>	<b>Wednesday 1-Nov-2023</b>	<b>Tuesday 2-Nov-2023</b>	<b>Friday 3-Nov-2023</b>
<b>08:00- 17:00</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 8 / 06 - 10 November 2023 (TBA)**

	<b>Monday 06-Nov-2023</b>	<b>Tuesday 07-Nov-2023</b>	<b>Wednesday 08-Nov-2023</b>	<b>Tuesday 09-Nov-2023</b>	<b>Friday 10-Nov-2023</b>
<b>08:00- 17:00</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>	<b>HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 9 / 13 - 17 November 2023 (TBA)**

	<b>Monday 13-Nov-2023</b>	<b>Tuesday 14-Nov-2023</b>	<b>Wednesday 15-Nov-2023</b>	<b>Thursday 16.-Nov-2023</b>	<b>Friday 17-Nov-2023</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 Review of the Exam Questions, Evaluation of the Clearship Program</b>		
<b>13.00- 18.00</b>			<b>Independent Learning</b>		

## INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP B 27.11.2023-26.01.2024

### GROUP B- WEEK 1/ 27. November - 01. December,2023 (Kozyatağı)

	Monday 27-Nov-2023	Tuesday 28-Nov-2023	Wednesday 29-Nov-2023	Thursday 30-Nov-2023	Friday 01-Dec-2023
.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</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>Lecture</b> Taking History <i>M. Akif Öztürk</i>				
.55 – 11.40	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Case Discussion Chest Diseases</b> <i>Banu Musaffa Salepçi</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>
.40 – 12:45					
.45 - 13.30	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</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>
.40 - 14.25	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</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>
.35- 15.20	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion Rheumatology</b> <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>
.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>

6.15-18.00			Independent Learning		Independent Learning
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### GROUP B- WEEK 2 / 04-08 December, 2023 (Kozyatağı)

	Monday 04-Dec-2023	Tuesday 05-Dec-2023	Wednesday 06-Dec-2023	Thursday 07-Dec-2023	Friday 08-Dec-2023
10.00 -10:45	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Cushing's Syndrome <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
10:55 – 11.40	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
11.40 – 12:45	LUNCH				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hyperparathyroidism <i>Özlem Haliloğlu</i>	<b>Case Discussion Endocrinology</b> <i>Özlem Haliloğlu</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
13.40 - 14.25	<b>Lecture</b> Hypothyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hypoparathyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Management of elderly patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	
14.35- 15.20	<b>Lecture</b> Hyperthyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Endocrine hypertension <i>Özlem Haliloğlu</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>	<b>Case Discussion (General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	



15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
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**GROUP B- WEEK 3 / December 11-15, 2023 (11.Dec.2023-Kozyatağı, 12-15 Dec.2023- Koşuyolu)**

	<b>Monday 11-Dec-2023</b>	<b>Tuesday 12-Dec-2023</b>	<b>Wednesday 13-Dec-2023</b>	<b>Thursday 14-Dec-2023</b>	<b>Friday 15-Dec-2023</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</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>10:55 – 11.40</b>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</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>
<b>11.40 – 12:45</b>					
<b>12.45 - 13.30</b>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</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>
<b>13.40 - 14.25</b>	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</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>
<b>14.35- 15.20</b>	<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
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**GROUP B- WEEK 4 / 18-22 December 2023 (18-21 Dec.Koşuyolu; 22 Dec. TBA)**

	Monday 18-Dec-2023	Tuesday 19-Dec-2023	Wednesday 20-Dec-2023	Thursday 21-Dec-2023	Friday 22-Dec-2023
10.00 -10:45	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Peripheral blood smear <i>Figen Atalay</i>	<b>Case Discussion</b> Chest Diseases <i>Seha Akduman</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
10:55 – 11.40	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	<b>Case Discussion</b> Hematology <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Hypopituitarism <i>Fahrettin Keleştimur</i>		
11.40 – 12:45					
12.45 - 13.30	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <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> Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
13.40 - 14.25	<b>Lecture</b> Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	<b>Lecture</b> Chronic Obstructive Lung Disease and Cor pulmonale <i>Seha Akduman</i>	Independent Learning		

14.35- 15.20	Lecture Plasma cell dyscrasias <i>Figen Atalay</i>	Lecture Asthma <i>Seha Akduman</i>	Independent Learning		
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 5 / 25-29 December 2023 (18-21 Dec.Koşuyolu; 22 Dec. TBA)**

	Monday 25-Dec-2023	Tuesday 26-Dec-2023	Wednesday 27-Dec-2023	Tuesday 28-Dec-2023	Friday 29-Dec-2023
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08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 6 / 01 - 05 January, 2024 (TBA)**

	Monday 01-Jan-2024	Tuesday 02-Jan-2024	Wednesday 03-Jan-2024	Tuesday 04-Jan-2024	Friday 05-Jan-2024
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08:00- 17:00	HOLIDAY	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 7 / 07-11 January 2024 (TBA)**

	Monday 08-Jan-2024	Tuesday 09-Jan-2024	Wednesday 10-Jan-2024	Tuesday 11-Jan-2024	Friday 12-Jan-2024
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08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP B- WEEK 8 / 16 – 20 January 2024 (TBA)**

	Monday 15-Jan-2024	Tuesday 16-Jan-2024	Wednesday 17-Jan-2024	Tuesday 18-Jan-2024	Friday 19-Jan-2024
08:00- 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning



**GROUP B- WEEK 9/ 22 – 26 January 2024 (TBA)**

	<b>Monday 22-Jan-2024</b>	<b>Tuesday 23-Jan-2024</b>	<b>Wednesday 24-Jan-2024</b>	<b>Thursday 25.-Jan-2024</b>	<b>Friday 26-Jan-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>		<b>Independent Learning</b>

**INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP C 22.01.2024-22.03.2024**  
**GROUP C- WEEK 1/ 23-27 January,2024 (Kozyatağı)**

	Monday 22-Jan-2024	Tuesday 23-Jan-2024	Wednesday 24-Jan-2024	Thursday 25-Jan-2024	Friday 26-Jan-2024
10.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</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>
	Taking History <i>M. Akif Öztürk</i>				
10:55 – 11.40	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Case Discussion Chest Diseases</b> <i>Banu Musaffa Salepçi</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>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</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>
13.40 - 14.25	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</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>
14.35- 15.20	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Approach to the Patient with ConnectiveTissue Diseases <i>Müge Bıçakçığıl Kalaycı</i>	<b>Case Discussion Rheumatology</b> <i>Müge Bıçakçığıl Kalaycı</i>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>
15.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>
16.15-18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP C- WEEK 2 / 29 January- 2 February, 2024 (Kozyatağı)**

	Monday 29-Jan-2024	Tuesday 30-Jan-2024	Wednesday 31-Jan-2024	Thursday 01-Feb-2024	Friday 02-Feb-2024
10.00 -10:45	<b>Lecture</b> Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Cushing's Syndrome <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>
10:55 – 11.40	<b>Lecture</b> Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Metabolic Bone Disease <i>Özlem Haliloğlu</i>	<b>Lecture</b> Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hyperparathyroidism <i>Özlem Haliloğlu</i>	<b>Case Discussion Endocrinology</b> <i>Özlem Haliloğlu</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>
13.40 - 14.25	<b>Lecture</b> Hypothyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Hypoparathyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Management of elderly patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Independent Learning</b>
14.35- 15.20	<b>Lecture</b> Hyperthyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Endocrine hypertension <i>Özlem Haliloğlu</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>	<b>Case Discussion (General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	<b>Independent Learning</b>
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 C- WEEK 3 / February 05-09, 2024 (Koşuyolu)**

	<b>Monday 05-Feb-2024</b>	<b>Tuesday 06-Feb-2024</b>	<b>Wednesday 07-Feb-2024</b>	<b>Thursday 08-Feb-2024</b>	<b>Friday 09-Feb-2024</b>
<b>10.00 -10:45</b>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</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>10:55 – 11.40</b>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</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>
<b>11.40 – 12:45</b>					
<b>12.45 - 13.30</b>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</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>
<b>13.40 - 14.25</b>	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</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>
<b>14.35- 15.20</b>	<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>
<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 / 12-16 February 2024 (12-14 Feb.Koşuyolu; 15-16 Feb. TBA)**

	Monday 12-Feb-2024	Tuesday 13-Feb-2024	Wednesday 14-Feb-2024	Thursday 15-Feb-2024	Friday 16-Feb-2024
10.00 -10:45	Lecture Acute leukemias <i>Elif Birtaş Ateşoğlu</i>	Lecture Peripheral blood smear <i>Figen Atalay</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
10:55 – 11.40	Lecture Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>	Case Discussion Hematology <i>Elif Birtaş Ateşoğlu</i>	Lecture Hypopituitarism <i>Fahrettin Keleştimur</i>		
11.40 – 12:45	LUNCH				
12.45 - 13.30	Lecture Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>	Lecture Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Lecture Adrenal Insufficiency <i>Fahrettin Keleştimur</i>	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
13.40 - 14.25	Lecture Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	Independent Learning		
14.35- 15.20	Lecture Plasma cell dyscrasias <i>Figen Atalay</i>	Lecture Asthma <i>Seha Akduman</i>	Independent Learning		
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 5 / 19-23 February 2024 (TBA)**

	<b>Monday 19-Feb-2024</b>	<b>Tuesday 20-Feb-2024</b>	<b>Wednesday 21-Feb-2024</b>	<b>Tuesday 22-Feb-2024</b>	<b>Friday 23-Feb-2024</b>
<b>08:00- 17:00</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 6 / 26.February - 01 March, 2024 (TBA)**

	<b>Monday 26-Feb-2024</b>	<b>Tuesday 27-Feb-2024</b>	<b>Wednesday 28-Feb-2024</b>	<b>Tuesday 29-Feb-2024</b>	<b>Friday 01-Mar-2024</b>
<b>08:00- 17:00</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 7 / 04-08 March 2024 (TBA)**

	<b>Monday 26-Feb-2024</b>	<b>Tuesday 27-Feb-2024</b>	<b>Wednesday 28-Feb-2024</b>	<b>Tuesday 29-Feb-2024</b>	<b>Friday 01-Mar-2024</b>
<b>08:00- 17:00</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 8 / 11-15 March 2024 (TBA)**

	Monday 11-Mar-2024	Tuesday 12-Mar-2024	Wednesday 13-Mar-2024	Tuesday 14-Mar-2024	Friday 15-Mar-2024
08:00- 17:00	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C- WEEK 9 / 18-22 March 2024 (TBA)**

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

**INTERNAL MEDICINE CLERKSHIP PROGRAM- GROUP D**  
**01.04.2024-07.06.2024 GROUP D - WEEK 1 April 01-06,2024 (Kozyatağı)**

	Monday 01-Apr-2024	Tuesday 02-Apr-2024	Wednesday 03-Apr-2024	Thursday 04-Apr-2024	Friday 05-Apr-2024
.00 -10:45	<b>Introductory Session</b> Introduction to Internal Medicine Clerkship <i>Özlem Haliloğlu</i>	<b>Lecture</b> Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	<b>Lecture</b> Tuberculosis <i>Banu Musaffa Salepçi</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>
	Taking History <i>M. Akif Öztürk</i>				
.55 – 11.40	<b>Lecture</b> Examination of Head and Neck <i>M. Akif Öztürk</i>	<b>Lecture</b> Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	<b>Case Discussion Chest Diseases</b> <i>Banu Musaffa Salepçi</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>
.40 – 12:45	LUNCH				
.45 - 13.30	<b>Lecture</b> Management of Hyperlipidemia <i>M. Akif Öztürk</i>	<b>Lecture</b> Environmental Lung Diseases <i>Banu Musaffa Salepçi</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>
.40 - 14.25	<b>Lecture</b> Fever Of Unknown Origin <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</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>
.35- 15.20	<b>Lecture</b> Sepsis and Septic Shock <i>M. Akif Öztürk</i>	<b>Lecture</b> Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</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>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-1 <i>Abdullah Özkök</i>
.30-16.15	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Evidence based Approach to the Patient with Chronic Kidney Disease-2 <i>Abdullah Özkök</i>
.15-18.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

**GROUP D - WEEK 2 / April 08-12, 2024 (Kozyatağı)**

	Monday 08-Apr-2024	Tuesday 09-Apr-2024	Wednesday 10-Apr-2024	Thursday 11-Apr-2024	Friday 12-Apr-2024
10.00 -10:45	Lecture Acute Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY
10:55 – 11.40	Lecture Chronic Complications of Diabetes Mellitus <i>Özlem Haliloğlu</i>	Lecture Metabolic Bone Disease <i>Özlem Haliloğlu</i>			
11.40 – 12:45	LUNCH				
12.45 - 13.30	Lecture Treatment of Diabetes Mellitus <i>Özlem Haliloğlu</i>	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY
13.40 - 14.25	Lecture Hypothyroidism <i>Özlem Haliloğlu</i>				
14.35- 15.20	Lecture Hyperthyroidism <i>Özlem Haliloğlu</i>				
15.30-18.00	Independent Learning				

**GROUP D - WEEK 3 / April 15-19, 2024 (15-17April, Kozyatağı; 18-19 April, Koşuyolu)**

	Monday 15-Apr-2024	Tuesday 16-Apr-2024	Wednesday 17-Apr-2024	Thursday 18-Apr-2024	Friday 19-Apr-2024
10.00 -10:45	<b>Lecture</b> Hyperparathyroidism <i>Özlem Haliloğlu</i>	<b>Case Discussion</b> <b>Endocrinology</b> <i>Özlem Haliloğlu</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach To Patient with Diarrhea <i>Meltem Ergün</i>	<b>Lecture</b> Management of Cancer Pain <i>Bala Başak Öven</i>
10:55 – 11.40	<b>Lecture</b> Hypoparathyroidism <i>Özlem Haliloğlu</i>	<b>Lecture</b> Management of elderly patients <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Non-Cardiac Causes of Chest Pain-2 <i>Yaşar Küçükardalı</i>	<b>Independent Learning</b>	<b>Lecture</b> Evidence Based Screening and Early Diagnosis in Oncology <i>Serkan Çelik</i>
11.40 – 12:45	<b>LUNCH</b>				
12.45 - 13.30	<b>Lecture</b> Endocrine hypertension <i>Özlem Haliloğlu</i>	<b>Lecture</b> Acute respiratory distress syndrome <i>Yaşar Küçükardalı</i>	<b>Case Discussion</b> <b>(General Internal Medicine)</b> <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Principles of Chemotherapy and Complications <i>Bala Başak Öven</i>	<b>Lecture</b> Lung Cancer <i>Serkan Çelik</i>
13.40 - 14.25	<b>Lecture</b> Cushing's Syndrome <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-1 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Examination of the abdomen <i>Meltem Ergün</i>	<b>Lecture</b> Colorectal Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Oncologic Emergencies <i>Serkan Çelik</i>
14.35- 15.20	<b>Lecture</b> Goiter and Thyroid Cancer <i>Özlem Haliloğlu</i>	<b>Lecture</b> Drug Interaction and examples of Prescriptions-2 <i>Yaşar Küçükardalı</i>	<b>Lecture</b> Approach to Abdominal Pain <i>Meltem Ergün</i>	<b>Lecture</b> Breast Cancer <i>Bala Başak Öven</i>	<b>Lecture</b> Immunotherapy and targeted Therapies in Oncology <i>Serkan Çelik</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 D - WEEK 4 / 22-26 April 2024 (Koşuyolu)**

	Monday 22-Apr-2024	Tuesday 23-Apr-2024	Wednesday 24-Apr-2024	Thursday 25-Apr-2024	Friday 26-Apr-2024
10.00 -10:45	<b>Lecture</b> Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	<b>NATIONAL HOLIDAY</b>	<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>
10:55 – 11.40	<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>
11.40 – 12:45	<b>Lunch</b>				
12.45 - 13.30	<b>Lecture</b> Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>	<b>NATIONAL HOLIDAY</b>	<b>Lecture</b> Ascites <i>Cengiz Pata</i>	<b>Lecture</b> Dysphagia <i>Cengiz Pata</i>	<b>Lecture</b> Acute leukemias <i>Elif Birtaş Ateşoğlu</i>
13.40 - 14.25	<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 Implications of Cirrhosis <i>Cengiz Pata</i>	<b>Case Discussion</b> <b>Gastroenterology</b> <i>Cengiz Pata</i>	<b>Lecture</b> Myeloproliferative disorders <i>Elif Birtaş Ateşoğlu</i>
14.35- 15.20	<b>Lecture</b> Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>		<b>Lecture</b> Chronic Hepatitis <i>Cengiz Pata</i>	Approach to the patients with bleeding disorders and thrombosis <i>Figen Atalay</i>	<b>Lecture</b> Approach to patients with lymphoproliferative disorders /Lymphomas <i>Elif Birtaş Ateşoğlu</i>
15.30-18.00	<b>Independent Learning</b>		<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>

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**GROUP D - WEEK 5 / 29 Apr-05 May 2023 (29-30 Apr. Koşuyolu; 01-03 May. TBA)**

	Monday 29-Apr-2024	Tuesday 30-Apr-2024	Wednesday 01-May-2024	Thursday 02-May-2024	Friday 03-May-2024
10.00 -10:45	Lecture Stem cell transplantation <i>Elif Birtaş Ateşoğlu</i>	Lecture Chronic Obstructive Lung Disease and Corpulmonale <i>Seha Akduman</i>	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
10:55 – 11.40	Lecture Plasma cell dyscrasias <i>Figen Atalay</i>	Lecture Asthma <i>Seha Akduman</i>			
11.40 – 12:45					
12.45 - 13.30	Lecture Peripheral blood smear <i>Figen Atalay</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
13.40 - 14.25	Case Discussion Hematology <i>Elif Birtaş Ateşoğlu</i>	Lecture Hypopituitarism <i>Fahrettin Keleştimur</i>			
14.35- 15.20	Lecture Approach to the Patient with Pulmonary System Symtoms and Signs <i>Seha Akduman</i>	Lecture Adrenal Insufficiency <i>Fahrettin Keleştimur</i>			
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 6 / 08 – 12 May 2023 (HTRH)**

	Monday 06-May-2024	Tuesday 07-May-2024	Wednesday 08-May-2024	Tuesday 09-May-2024	Friday 10-May-2024
08:00- 17:00	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning



**GROUP D - WEEK 7 / 13-17 May 2024 (TBA)**

	Monday 13-May-2024	Tuesday 14-May-2024	Wednesday 15-May-2024	Tuesday 16-May-2024	Friday 17-May-2024
08:00- 17:00	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 8 / 20 - 24 May 2024 (TBA)**

	<b>Monday 20-May-2024</b>	<b>Tuesday 21-May-2024</b>	<b>Wednesday 22-May-2024</b>	<b>Tuesday 23-May-2024</b>	<b>Friday 24-May-2024</b>
<b>08:00- 17:00</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>	<b>TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 9 / 27-31 May, 2024 (TBA)**

	Monday 27-May-2024	Tuesday 28-May-2024	Wednesday 29-May-2024	Tuesday 30-May-2024	Friday 31-May-2024
08:00- 17:00	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL	TRAINING AND RESEARCH HOSPITAL
17:00 – 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP D - WEEK 10 / 03-07 June 2024 (TBA)**

	<b>Monday 03-Jun-2024</b>	<b>Tuesday 04-Jun-2024</b>	<b>Wednesday 05-Jun-2024</b>	<b>Thursday 06-Jun-2024</b>	<b>Friday 07-Jun-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>		<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

Meltem Uğraş, MD. Prof

Kazım Öztarhan, MD. Prof

Nevin Yalman, MD. Prof.

Elif Sağsak, MD. Assoc. Prof.

Asım Yörük, MD. Assoc. Prof

Emine Manolya Kara, MD, Assoc. Prof

Mustafa Berber, MD. Assist. Prof.

Çetin Timur, MD. Assist. Prof.

Endi Romano, 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

Bilge Atlı, MD. Lecturer

Erdem Toprak, MD. Lecturer

İsmet Düşmez, MD. Lecturer

İlksen Yalçınnoğlu, MD. Lecturer

Ezgi Gökçe Eraslan, MD. Lecturer

Fulya Coşkunol, MD. Lecturer

**&**

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

Serdar Cömert, MD,Prof.

Didem Arman MD,Assoc.Prof.

Gamze Özgürhan MD, Assoc Prof.

Nursu Kara MD. Speialist Lecturer

## 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 / 18-22 September 2023**

	<b>Monday 18-Sep-2023 (Kozyatağı)</b>	<b>Tuesday 19-Sep-2023 (Koşuyolu)</b>	<b>Wednesday 20-Sep-2023 (Kozyatağı)</b>	<b>Thursday 21-Sep-2023 (Koşuyolu)</b>	<b>Friday 22-Sep-2023 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <b>Hülya Sarıçoban</b> <b>Endi Romano</b> <b>Burçin Yorgancı</b> <b>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 <b>Filiz Bakar</b> <b>Tülin Şimşek</b>	<b>Lecture</b> Hypoglisemia <b>Elif Sağsak</b>
10.00- 10:50	<b>Lecture</b> History Taking <b>Burçin Yorgancı</b> <b>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 <b>Filiz Bakar</b> <b>Tülin Şimşek</b>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <b>Sabri Kemahlı</b>
11.00-11:50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <b>Burçin Yorgancı</b> <b>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-2 <b>Burçin Yorgancı</b>	<b>Lecture</b> Peripheral Blood Smear Evaluation <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <b>Endi Romano</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> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <b>Çetin Timur</b>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <b>Endi Romano</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>Independent Learning</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 / 25-29 September 2023**

	<b>Monday 25-Sep-2023 (Koşuyolu)</b>	<b>Tuesday 26-Sep-2023 (Kozyatağı)</b>	<b>Wednesday 27-Sep-2023 (Kozyatağı)</b>	<b>Thursday 28-Sep-2023 (Kozyatağı)</b>	<b>Friday 29-Sep-2023 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Respiratory Failure Filiz Bakar <i>Tülin Şimşek</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>Büşra Çağlar</i> <i>Filiz Bakar</i>
10.00- 10.50	<b>Lecture</b> Intoxications Filiz Bakar <i>Tülin Şimşek</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>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı</i> <i>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> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı</i> <i>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>Asım Yörük</i>
14.00- 14.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> <b>Constipation</b> <i>İlksen Yalçinoğlu</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Malignancy in Childhood <i>Asım Yörük</i>
15.00- 15.50			<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<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 / 02-06 October 2023

	<b>Monday 02-Oct-2023 (Koşuyolu)</b>	<b>Tuesday 03-Oct-2023 (Kozyatağı)</b>	<b>Wednesday 04-Oct-2023 (Kozyatağı)</b>	<b>Thursday 05-Oct-2023 (Koşuyolu/Kozyatağı)</b>	<b>Friday 06-Oct-2023 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Kazım Öztarhan Coşkun Saf</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases <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>Kazım Öztarhan Coşkun Saf</i>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	<b>Lecture</b> Hepatitis <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> Cardiac Markers <i>Serdar Öztezcan</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</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>Lecture</b> Growth, Development, and Growth Retardation1 <i>Elif Sağsak</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Independent Learning</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14:50		<b>Lecture</b> Growth, Development, and Growth Retardation2 <i>Elif Sağsak</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Independent Learning</b>	<b>Lecture</b> Acid-Base Disorders <i>Endi Romano</i>
15.00- 15:50	<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>	<b>Independent Learning</b>

**Group B WEEK IV / 09-13 October 2023**

	<b>Monday 09-Oct-2023 (Kozyatağı)</b>	<b>Tuesday 10-Oct-2023 (Kozyatağı)</b>	<b>Wednesday 11-Oct-2023 (Kozyatağı)</b>	<b>Thursday 12-Oct-2023 (Koşuyolu)</b>	<b>Friday 13-Oct-2023 (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>Bilge Atlı Filiz Bakar</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Kazım Öztarhan Bilge Atlı</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>Kazım Öztarhan Bilge Atlı</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>Büşra Çağlar 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> 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>Perihan Saf</i>		<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</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>Ezgi Gökçe Eraslan</i>	<b>Lecture</b> Tetanus, Diptheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</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>Ezgi Gökçe Eraslan</i>	<b>Lecture</b> Child Health Monitoring <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>	<b>Lecture</b> Clinical Enzmology and Liver Function Tests <i>Jale Çoban</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 V / 16-20 October 2023**

	<b>Monday 16-Oct-2023</b>	<b>Tuesday 17-Oct-2023</b>	<b>Wednesday 18-Oct-2023</b>	<b>Thursday 19-Oct-2023</b>	<b>Friday 20-Oct-2023</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 / 23-27 October 2023**

	<b>Monday 23-Oct-2023</b>	<b>Tuesday 24-Oct-2023</b>	<b>Wednesday 25-Oct-2023</b>	<b>Tuesday 26-Oct-2023</b>	<b>Friday 27-Oct-2023</b>
<b>08:00- 17:00</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>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 VII / 30 October-3 November 2023**

	<b>Monday 30-Oct-2023</b>	<b>Tuesday 31-Oct-2023</b>	<b>Wednesday 1-Nov-2023</b>	<b>Tuesday 2-Nov-2023</b>	<b>Friday 3-Nov-2023</b>
<b>08:00- 17:00</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>	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>
<b>17:00 – 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 VIII / 6-10 November 2023**

	<b>Monday 6-Nov-2023</b>	<b>Tuesday 7-Nov-2023</b>	<b>Wednesday 8-Nov-2023</b>	<b>Tuesday 9-Nov-2023</b>	<b>Friday 10-Nov-2023</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 / 13-17 November 2023**

	<b>Monday 13-Nov-2023</b>	<b>Tuesday 14-Nov-2023</b>	<b>Wednesday 15-Nov-2023</b>	<b>Tuesday 16-Nov-2023</b>	<b>Friday 17-Nov-2023</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 / 20-24 November 2023**

	<b>Monday 20-Nov-2023</b>	<b>Tuesday 21-Nov-2023</b>	<b>Wednesday 22-Nov-2023</b>	<b>Tuesday 23-Nov-2023</b>	<b>Friday 24-Nov-2023</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>Lunch</b>	
14.25 - 15.10			<b>Independent Learning</b>	<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 1 / 27 November- 01 December 2023**

	<b>Monday 27-Nov-2023 (Kozyatağı)</b>	<b>Tuesday 28-Nov-2023 (Koşuyolu)</b>	<b>Wednesday 29-Nov-2023 (Kozyatağı)</b>	<b>Thursday 30-Nov-2023 (Koşuyolu)</b>	<b>Friday 01-Dec-2023 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <i>Hülya Sarıçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <i>Erdem Toprak</i> <i>Filiz bakar</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Respiratory Failure <i>Tülin Şimşek</i> <i>Filiz Bakar</i>	<b>Lecture</b> Hypoglisemia <i>Elif Sağsak</i>
10.00- 10.50	<b>Lecture</b> History Taking <i>İlksen Yalçinoğlu</i>	<b>Lecture</b> Respiratory System Examination <i>Erdem Toprak</i> <i>Filiz bakar</i>	<b>Lecture</b> Tuberculosis <i>Emine Manolya Kara</i>	<b>Lecture</b> Intoxications <i>Tülin Şimşek</i> <i>Filiz bakar</i>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
11.00-11.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı</i>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>	<b>Lecture</b> Sepsis and Meningococemia <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>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı</i>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	<b>Lecture</b> Hepatitis <i>Emine Manolya Kara</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>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Endi Romano</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>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <i>Nevin Yalman</i> <i>Çetin Timur</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Endi Romano</i>	<b>Lecture</b> Mitochondrial Diseases <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Patient with Convulsion <i>Haluk Topaloğlu</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 II / 04-08 December 2023**

	<b>Monday 04-Dec-2023 (Koşuyolu)</b>	<b>Tuesday 05-Dec-2023 (Kozyatağı)</b>	<b>Wednesday 06-Dec-2023 (Kozyatağı)</b>	<b>Thursday 07-Dec-2023 (Kozyatağı)</b>	<b>Friday 08-Dec-2023 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Coşkun Saf</i>
10.00- 10.50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı</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> Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Infections of Central Nervous System <i>Emine Manolya Kara</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>Asım Yörük</i>
14.00- 14.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>	<b>Lecture</b> Constipation <i>İlksen Yalçinoğlu</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Malignancy in Childhood <i>Asım Yörük</i>
15.00- 15.50	<b>Lecture</b> Acid-Base Disorders <i>Endi Romano</i> <b>Practice</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<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 / 11-15 December 2023**

	<b>Monday 11-Dec-2023 (Koşuyolu)</b>	<b>Tuesday 12-Dec-2023 (Kozyatağı)</b>	<b>Wednesday 13-Dec-2023 (Kozyatağı)</b>	<b>Thursday 14-Dec-2023 (Koşuyolu)</b>	<b>Friday 15-Dec-2023 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Coşkun Saf</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</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>Coşkun Saf</i>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Cardiac Markers <i>Serdar Öztezcan</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</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>Lecture</b> Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases <i>Emine Manolya Kara</i>	<b>Independent Learning</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Lecture</b> Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</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>	<b>Independent Learning</b>

**GROUP A WEEK IV / 18-22 December 2023**

	<b>Monday 18-Dec-2023 (Kozyatağı)</b>	<b>Tuesday 19-Dec-2023 (Kozyatağı)</b>	<b>Wednesday 20-Dec-2023 (Kozyatağı)</b>	<b>Thursday 21-Dec-2023 (Koşuyolu)</b>	<b>Friday 22-Dec-2023 (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>Bilge Atlı</i> <i>Perihan Saf</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Bilge Atlı</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> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Bilge Atlı</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> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Practice</b> (Immunization) <i>Büşra Çağlar</i> <i>Coşkun Saf</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>Elif Sağsak</i>	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</i>	<b>Lecture</b> Lower Respiratory Tract Infections <i>Perihan Saf</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>
14.00- 14.50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar</i> <i>Elif Sağsak</i>	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Ezgi Gökçe Eraslan</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Tetanus, Diphtheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Independent Learning</b>	<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>Ezgi Gökçe Eraslan</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Child Health Monitoring <i>Burçin Yorgancı</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 V / 25-29 December 2023**

	<b>Monday 25-Dec-2023</b>	<b>Tuesday 26-Dec-2023</b>	<b>Wednesday 27Dec-2023</b>	<b>Thursday 28-Dec-2023</b>	<b>Friday 29-Dec-2023</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 VI / 01-05 January 2024**

	<b>Monday 01- Jan-2024</b>	<b>Tuesday 02-Jan-2024</b>	<b>Wednesday 03-Jan-2024</b>	<b>Tuesday 04-Jan-2024</b>	<b>Friday 05-Jan-2024</b>
08:00- 17:00	<b>NEW YEAR</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 A WEEK VII / 8-12 January 2024**

	<b>Monday 8-Jan-2024</b>	<b>Tuesday 9-Jan-2024</b>	<b>Wednesday 10-Jan-2024</b>	<b>Tuesday 11-Jan-2024</b>	<b>Friday 12-Jan-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 A WEEK VIII / 15 – 19 January 2024**

	<b>Monday 15-Jan-2024</b>	<b>Tuesday 16-Jan-2024</b>	<b>Wednesday 17-Jan-2024</b>	<b>Tuesday 18-Jan-2024</b>	<b>Friday 19-Jan-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 A WEEK IX / 22 – 26 January 2024**

	<b>Monday 22-Jan-2024</b>	<b>Tuesday 23-Jan-2024</b>	<b>Wednesday 24-Jan-2024</b>	<b>Tuesday 25-Jan-2024</b>	<b>Friday 26-Jan-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 A WEEK X / 29 January-02 February 2024**

	<b>Monday 29-January-2024</b>	<b>Tuesday 30-Jan-2024</b>	<b>Wednesday 31-Jan-2024</b>	<b>Thursday 01-Feb-2024</b>	<b>Friday 02-Feb-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>
				<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	
				<b>Independent Learning</b>	
14.25 - 15.10					<b>Independent Learning</b>

**CHILD HEALTH and PEDIATRICS – GROUP D WEEK I / 22- 26 January 2024**

	<b>Monday 22-Jan-2024 (Kozyatağı)</b>	<b>Tuesday 23-Jan-2024 (Koşuyolu)</b>	<b>Wednesday 24-Jan-2024 (Kozyatağı)</b>	<b>Thursday 25-Jan-2024 (Koşuyolu)</b>	<b>Friday 26-Jan-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <i>Hülya Sarıçoban</i> <i>Elif Sağsak</i> <i>Mustafa Berber</i>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Respiratory Failure <i>Tülin Şimşek</i> <i>Filiz Bakar</i>	<b>Lecture</b> Hypoglisemia <i>Elif Sağsak</i>
10.00- 10.50	<b>Lecture</b> History Taking <i>İlksen Yalçınoğlu</i> <i>Hülya sarıçoban</i>	<b>Lecture</b> Respiratory System Examination <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Tuberculosis <i>Emine Manolya Kara</i>	<b>Lecture</b> Intoxications <i>Tülin Şimşek</i> <i>Filiz Bakar</i>	<b>Lecture</b> Haemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
11.00-11.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı</i>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>	<b>Lecture</b> Sepsis and Meningococemia <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>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı</i>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	<b>Lecture</b> Hepatitis <i>Emine Manolya Kara</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>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Endi Romano</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>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <i>Nevin Yalman</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Endi Romano</i>	<b>Lecture</b> Mitochondrial Diseases <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Patient with Convulsion <i>Haluk Topaloğlu</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 II / 29 January-02 February 2024**

	<b>Monday 29-Jan-2024 (Koşuyolu)</b>	<b>Tuesday 30-Jan-2024 (Kozyatağı)</b>	<b>Wednesday 31-Jan-2024 (Kozyatağı)</b>	<b>Thursday 01-Feb-2024 (Kozyatağı)</b>	<b>Friday 02-Feb-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Immunization Principles and Vaccination-1 <i>Büşra Çağlar</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Filiz Bakar</i>
10.00- 10.50	<b>Lecture</b> Immunization Principles and Vaccination-2 <i>Büşra Çağlar</i> <i>Filiz Bakar</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i>	<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>
11.00-11.50	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Coşkun Saf</i>	<b>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>	<b>Lecture</b> Shock <i>Tülin Şimşek</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> Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Infections of Central Nervous System <i>Emine Manolya Kara</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>Asım Yörük</i>
14.00- 14.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</i>	<b>Lecture</b> Constipation <i>İlksen Yalçinoğlu</i>	<b>Lecture</b> Malignancy in Childhood <i>Asım Yörük</i>
15.00- 15.50	<b>Lecture</b> Acid-Base Disorders <i>Endi Romano</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<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 / 5 - 09 February 2024**

	<b>Monday 05-Feb-2024 (Koşuyolu)</b>	<b>Tuesday 06-Feb-2024 (Kozyatağı)</b>	<b>Wednesday 07-Feb-2024 (Kozyatağı)</b>	<b>Thursday 08-Feb-2024 (Koşuyolu)</b>	<b>Friday 09-Feb-2024 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Coşkun Saf</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</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>Coşkun Saf</i>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>
11.00-11.50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Cardiac Markers <i>Serdar Öztezcan</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</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>Lecture</b> Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases <i>Emine Manolya Kara</i>	<b>Independent Learning</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14.50	<b>Independent Learning</b>	<b>Lecture</b> Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</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>	<b>Independent Learning</b>



**GROUP D WEEK IV / 12 - 16 February 2024**

	<b>Monday 12-Feb-2024 (Kozyatağı)</b>	<b>Tuesday 13-Feb-2024 (Kozyatağı)</b>	<b>Wednesday 14-Feb-2024 (Kozyatağı)</b>	<b>Thursday 15-Feb-2024 (Koşuyolu)</b>	<b>Friday 16-Feb-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>Bilge Atlı</i> <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Bilge Atlı</i> <i>Filiz Bakar</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> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Bilge Atlı</i> <i>Filiz Bakar</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> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Practice</b> (Immunisation) <i>Büşra Çağlar</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> 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>Perihan Saf</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</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>Ezgi Gökçe Eraslan</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Tetanus, Diphtheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Independent Learning</b>	<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>Ezgi Gökçe Eraslan</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Child Health Monitoring <i>Burçin Yorgancı</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 V / 19 - 23 February 2024**

	<b>Monday 19-Feb-2024</b>	<b>Tuesday 20-Feb-2024</b>	<b>Wednesday 21-Feb-2024</b>	<b>Thursday 22-Feb-2024</b>	<b>Friday 23-Feb-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 D WEEK VI / 26 February- 01 March 2024**

	<b>Monday 26- Feb-2024</b>	<b>Tuesday 27-Feb-2024</b>	<b>Wednesday 28-Feb-2024</b>	<b>Tuesday 29-Feb-2024</b>	<b>Friday 01-March-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 D WEEK VII / 04-08 March 2024**

	<b>Monday 04-March-2024</b>	<b>Tuesday 05-March-2024</b>	<b>Wednesday 06-March-2024</b>	<b>Tuesday 07-March-2024</b>	<b>Friday 08-March-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 D WEEK VIII / 11-15 March 2024**

	<b>Monday 11-March-2024</b>	<b>Tuesday 12-March-2024</b>	<b>Wednesday 13-March-2024</b>	<b>Tuesday 14-March-2024</b>	<b>Friday 15-March-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 D WEEK IX / 18-22 March 2024**

	<b>Monday 18-March-2024</b>	<b>Tuesday 19-March-2024</b>	<b>Wednesday 20-March-2024</b>	<b>Tuesday 21-March-2024</b>	<b>Friday 22-March-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>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 / 25-29 March 2024**

	<b>Monday 25-March-2024</b>	<b>Tuesday 26-March-2024</b>	<b>Wednesday 27-March-2024</b>	<b>Thursday 28-March-2024</b>	<b>Friday 29-March-2024</b>
<b>09.00 -12:00</b>	<b>Independent Learning</b>	<b>Independent Learning</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 / 01 - 05 April 2024**

	<b>Monday 01-Apr-2024 (Kozyatağı)</b>	<b>Tuesday 02-Apr-2024 (Koşuyolu)</b>	<b>Wednesday 03-Apr-2024(Kozyatağı)</b>	<b>Thursday 04-Apr-2024 (Koşuyolu)</b>	<b>Friday 05-Apr-2024 (Koşuyolu)</b>
09.00- 09:50	<b>Lecture</b> Introduction to Pediatrics <i>Hülya Sarıçoban</i> <i>Endi Romano</i> <i>Burçin Yorgancı Kale</i>	<b>Lecture</b> Gastrointestinal and Genitourinary Tract Examination <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Inflammatory Bowel Diseases <i>Meltem Uğraş</i>	<b>Lecture</b> Respiratory Failure <i>Tülin Şimşek</i> <i>Filiz Bakar</i>	<b>Lecture</b> Hypoglisemia <i>Elif Sağsak</i>
10.00- 10.50	<b>Lecture</b> History Taking <i>İlksen Yalçınoğlu</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Respiratory System Examination <i>Erdem Toprak</i> <i>Filiz Bakar</i>	<b>Lecture</b> Tuberculosis <i>Emine Manolya Kara</i>	<b>Lecture</b> Intoxications <i>Tülin Şimşek</i> <i>Filiz Bakar</i>	<b>Lecture</b> Hemophilia, Thrombosis and Disseminated Intravascular Coagulation <i>Sabri Kemahlı</i>
11.00-11.50	<b>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-1 <i>Burçin Yorgancı</i>	<b>Lecture</b> Newborn Examination <i>Filiz Bakar</i>	<b>Lecture</b> Sepsis and Meningococemia <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>Lecture</b> Cardiovascular System Examination and Electrocardiographic Principles-2 <i>Burçin Yorgancı</i>	<b>Lecture</b> Peripheral Blood Smear Evaluation <i>Çetin Timur</i>	<b>Lecture</b> Hepatitis <i>Emine Manolya Kara</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>Lecture</b> Atopic Dermatitis and Allergic Rhinitis <i>Hülya Sarıçoban</i>	<b>Lecture</b> Introduction to Anemia, Iron Deficiency Anemia and Nutritional Anemias <i>Çetin Timur</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-1 <i>Endi Romano</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>Lecture</b> Approach to Nutrition <i>Burçin Yorgancı</i>	<b>Lecture</b> Leukemias in childhood and Stem Cell Transplantation <i>Nevin Yalman</i>	<b>Lecture</b> Fluid and Electrolyte Disorders-2 <i>Endi Romano</i>	<b>Lecture</b> Mitochondrial Diseases <i>Haluk Topaloğlu</i>	<b>Lecture</b> Approach to the Patient with Convulsion <i>Haluk Topaloğlu</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 C WEEK II / 08 – 12 April 2024**

	Monday 08-Apr-2024 (Koşuyolu)	Tuesday 09-Apr-2024 (Kozyatağı)	Wednesday 10-Apr-2024 (Kozyatağı)	Thursday 11-Apr-2024 (Kozyatağı)	Friday 12-Apr-2024 (Koşuyolu)
09.00- 09:50	<b>Lecture</b> Immunization Priciples and Vaccination-1 <i>Büşra Çağlar</i> <i>Filiz Bakar</i>	<b>Lecture</b> Pediatric Basic and Advanced Life Support <i>Perihan Saf</i>	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY
10.00- 10.50	<b>Lecture</b> Immunization Priciples and Vaccination-2 <i>Büşra Çağlar</i> <i>Filiz Bakar</i>	<b>Lecture</b> Pediatric Assessment in Pediatric Emergency Department <i>Perihan Saf</i>			
11.00-11.50	<b>Lecture</b> Malnutrition and Obesity <i>Burçin Yorgancı</i>	<b>Lecture</b> Connective Tissue Diseases and Vasculitic Syndromes <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>			
12.00- 12.50	<b>Lunch</b>	<b>Lunch</b>			
13.00- 13.50	<b>Lecture</b> Acute Glomerulonephritis <i>Erdem Toprak</i> <i>Filiz Bakar</i>	RELIGIOUS HOLIDAY EVE			
14.00- 14.50	<b>Practice</b> (Growth and Development) <i>Elif Sağsak</i>				
15.00- 15.50	<b>Lecture</b> Acid-Base Disorders <i>Endi Romano</i>				
16.00-16.50	<b>Independent Learning</b>				

**GROUP C WEEK III / 15 – 19 April 2024**

	<b>Monday 15-Apr-2024 (Koşuyolu)</b>	<b>Tuesday 16-Apr-2024 (Kozyatağı)</b>	<b>Wednesday 17-Apr-2024 (Kozyatağı)</b>	<b>Thursday 18-Apr-2024 (Koşuyolu)</b>	<b>Friday 19-Apr-2024 (Kozyatağı)</b>
09.00- 09:50	<b>Lecture</b> Congestive Heart Failure <i>Coşkun Saf</i>	<b>Lecture</b> Urinary Tract Infections and Tubulopathies <i>İsmet Düşmez</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Approach to Intrauterin Infections <i>Mustafa Berber</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>Coşkun Saf</i>	<b>Lecture</b> Carbohydrates and Diabetes Mellitus <i>Serdar Öztezcan</i>	<b>Lecture</b> Hematology and Coagulation <i>Jale Çoban</i>	<b>Lecture</b> Prematurity, Postmaturity <i>Filiz Bakar</i>	<b>Lecture</b> Gastrointestinal System Bleeding <i>Meltem Uğraş</i>
11.00-11:50	<b>Lecture</b> Hypophyseal Diseases <i>Elif Sağsak</i>	<b>Lecture</b> Cardiac Markers <i>Serdar Öztezcan</i>	<b>Lecture</b> Asthma <i>Hülya Sarıçoban</i>	<b>Lecture</b> Neonatal Resuscitation and Neonatal Transport <i>Filiz Bakar</i>	<b>Lecture</b> Neonatal Infections <i>Mustafa Berber</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>Lecture</b> Growth, Development, and Growth Retardation-2 <i>Elif Sağsak</i>	<b>Lecture</b> Maculopapuler and Vesicular Diseases <i>Emine Manolya Kara</i>	<b>Independent Learning</b>	<b>Lecture</b> Diagnostic Methods in Infectious Diseases <i>Aynur Eren</i>
14.00- 14:50	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-2 <i>Serdar Öztezcan</i>	<b>Lecture</b> Growth, Development, and Growth Retardation-1 <i>Elif Sağsak</i>	<b>Lecture</b> Infections of Central Nervous System <i>Emine Manolya Kara</i>	<b>Independent Learning</b>	<b>Lecture</b> Approach to Urticaria and Anaphylaxis <i>Hülya Sarıçoban</i>
15.00- 15:50	<b>Lecture</b> Basic Principles and Practice of Clinical Biochemistry-1 <i>Serdar Öztezcan</i>	<b>Independent Learning</b>	<b>Lecture</b> Urinalysis and other Body Fluids <i>Jale Çoban</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 C WEEK IV / 24 – 28 April 2024**

	Monday 22-Apr-2024 (Kozyatağı)	Tuesday 23-Apr-2024 (Kozyatağı)	Wednesday 24-Apr-2024 (Kozyatağı)	Thursday 25-Apr-2024 (Koşuyolu)	Friday 26-Apr-2024 (Koşuyolu)
09.00- 09:50	<b>Lecture</b> Diabetes Mellitus <i>Elif Sağsak</i>	<b>NATIONAL HOLIDAY</b>	<b>Lecture</b> Cirrhosis and Portal Hypertension <i>Meltem Uğraş</i>	<b>Lecture</b> Acute and Chronic Renal Failure <i>Bilge Atlı</i> <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Heart Diseases-1 <i>Bilge Atlı</i> <i>Filiz Bakar</i>
10.00- 10.50	<b>Lecture</b> Diabetic Ketoacidosis <i>Elif Sağsak</i>		<b>Lecture</b> Approach to Immun Deficiencies-1 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Hematological Disorders in Newborn <i>Çetin Timur</i>	<b>Lecture</b> Congenital Heart Diseases-2 <i>Bilge Atlı</i>
11.00-11.50	<b>Lecture</b> Neonatal Convulsions <i>Mustafa Berber</i>		<b>Lecture</b> Approach to Immun Deficiencies-2 <i>Hülya Sarıçoban</i>	<b>Lecture</b> Abdominal Pain and Peptic Diseases, H.pylori infection, Gastroesophageal reflux <i>Meltem Uğraş</i>	<b>Practice</b> (Immunization) <i>Büşra Çağlar</i> <i>Filiz Bakar</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> Lower Respiratory Tract Infections <i>Perihan Saf</i>	<b>Lecture</b> Malabsorption and Celiac Disease <i>Meltem Uğraş</i>	<b>Practice</b> (Chest X-ray Evaluation) <i>Coşkun Saf</i>
14.00- 14.50	<b>Lecture</b> Acute Gastroenteritis and Parasitosis <i>Çiğdem Yanar</i> <i>Hülya Sarıçoban</i>		<b>Lecture</b> Tetanus, Diptheria, Mumps and Pertussis Viral Paralytic Diseases <i>Manolya Kara</i>	<b>Independent Learning</b>	<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> Child Health Monitoring <i>Burçin Yorgancı</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>

**GROUP C WEEK V / 29 April -03 May 2024**

	Monday 29-Apr-2024 (Koşuyolu)	Tuesday 30-Apr-2024 (Kozyatağı)	Wednesday 01-May-2024	Thursday 02-May-2024 (Koşuyolu)	Friday 03-May-2024
09.00- 09:50	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-1 <i>Perihan Saf</i>	<b>Lecture</b> Calcium Metabolism <i>Elif Sağsak</i>	LABOURERS DAY	<b>Lecture</b> Acute Rheumatic Fever and Infective Endocarditis <i>Büşra Çağlar</i> <i>Filiz Bakar</i>	<b>Lecture</b> Congenital Hypothyroidism <i>Elif Sağsak</i>
10.00- 10.50	<b>Lecture</b> Approach to the Child with Fever and Fever of Unknown Origin-2 <i>Perihan Saf</i>	<b>Lecture</b> Cystic Fibrosis and Wheezy Infant <i>İsmet Düşmez</i> <i>Filiz Bakar</i>		<b>Lecture</b> Nephrotic Syndrome <i>Coşkun Saf</i>	<b>Lecture</b> Hypothyroidism and Hyperthyroidism <i>Elif Sağsak</i>
11.00-11.50	<b>Lecture</b> Inborn Errors of Metabolism-1 <i>Fulya Coşkunol</i>	<b>Lecture</b> Neonatal Respiratory Distress-1 <i>Mustafa Berber</i>		<b>Lecture</b> Shock <i>Tülin Şimşek</i>	Independent Learning
12.00- 12.50	Lunch	Lunch		Lunch	Lunch
13.00- 13.50	<b>Lecture</b> Inborn Errors of Metabolism-2 <i>Fulya Coşkunol</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>Asım Yörük</i>	Independent Learning
14.00- 14.50	<b>Lecture</b> Vitamin Deficiencies and Rickets-1 <i>Ezgi Gökçe Eraslan</i> <i>Hülya Sarıçoban</i>	<b>Lecture</b> Constipation <i>İlksen Yalçinoğlu</i> <i>Hülya Sarıçoban</i>		<b>Lecture</b> Malignancy in Childhood <i>Asım Yörük</i>	Independent Learning
15.00- 15.50	<b>Lecture</b> Vitamin Deficiencies and Rickets-2 <i>Ezgi Gökçe Eraslan</i> <i>Hülya sarıçoban</i>	Independent Learning	Independent Learning	<b>Practice</b> (Chest X-Ray Evaluation) <i>Coşkun Saf</i>	Independent Learning
16.00-16.50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GROUP C WEEK VI / 06– 10 May 2024**

	<b>Monday 06-May-2024</b>	<b>Tuesday 07-May-2024</b>	<b>Wednesday 08-May-2024</b>	<b>Tuesday 09-May-2024</b>	<b>Friday 10-May-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH HOSPITAL</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</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 / 13-18 May 2024**

	<b>Monday 13-May-2024</b>	<b>Tuesday 14-May-2024</b>	<b>Wednesday 15-May-2024</b>	<b>Tuesday 16-May-2024</b>	<b>Friday 17-May-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</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 VIII / 20 - 24 May 2024**

	<b>Monday 20-May-2024</b>	<b>Tuesday 21-May-2024</b>	<b>Wednesday 22-May-2024</b>	<b>Tuesday 23-May-2024</b>	<b>Friday 24-May-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</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 / 27 – 31 May2024**

	<b>Monday 27-May-2024</b>	<b>Tuesday 28-May-2024</b>	<b>Wednesday 29-May-2024</b>	<b>Tuesday 30-May-2024</b>	<b>Friday 31-May-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</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 X / 03-07 June 2024**

	<b>Monday 03- June-2024</b>	<b>Tuesday 04-June-2024</b>	<b>Wednesday 05-June-2024</b>	<b>Tuesday 06-June-2024</b>	<b>Friday 07-June-2024</b>
08:00- 17:00	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</b>	<b>İSTANBUL TRAINING AND RESEARCH</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 XI / 10-14 June 2024**

	<b>Monday 10-June-2024</b>	<b>Tuesday 11-June-2024</b>	<b>Wednesday 12-June-2024</b>	<b>Thursday 13-June-2024</b>	<b>Friday 14-June-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>
				<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>

**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**

Mert Mahsuni Sevinç, MD. Prof.

Ufuk Oğuz İdiz, MD. Assoc Prof.

Kenan Byükaşık, MD. Assoc Prof.

Aziz Arı, MD. Assoc Prof.

Erdem Çakar, MD. Assoc Prof.

Coşkun Çakır, MD. 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. 2023 Group

	Monday 18-Sep-2023	Tuesday 19-Sep-2023	Wednesday 20-Sep-2023	Thursday 21-Sep-2023	Friday 22-Sep-2023
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 Benign and Malignant Diseases of the Stomach and Oesophagus <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>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, Intestinal Obstruction Abdominal Trauma <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>



**Week II / 25 Sep. – 29 Sept. 2023 Group D**

	<b>Monday 25-Sep-2023</b>	<b>Tuesday 26-Sep-2023</b>	<b>Wednesday 27-Sep-2023</b>	<b>Thursday 28-Sep-2023</b>	<b>Friday 29-Sep-2023</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Disease of the Breast <i>Neşet Köksal</i> Hernias <i>Neşet Köksal</i>	<b>ISTANBUL NUMUNE 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>Clinical Experience</b>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <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 / 02-06 Oct. 2023 Group D**

	<b>Monday 02-Oct-2023</b>	<b>Tuesday 03-Oct-2023</b>	<b>Wednesday 04-Oct-2023</b>	<b>Thursday 05-Oct-2023</b>	<b>Friday 06-Oct-2023</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 / 09 Oct.- 13 Oct. 2023 Group D**

	Monday 09-Oct-2023	Tuesday 10-Oct-2023	Wednesday 11-Oct-2023	Thursday 12-Oct-2023	Friday 13-Oct-2023
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>Oral Exam</u>
12.00- 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30- 15.30	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<u>Written Exam</u>	<u>Oral Exam</u>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u>Oral Exam</u>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**GENERAL SURGERY CLERKSHIP PROGRAM**  
**Week I / 16 Oct. - 20 Oct. 2023 Group C**

	<b>Monday 16-Oct-2023</b>	<b>Tuesday 17-Oct-2023</b>	<b>Wednesday 18-Oct-2023</b>	<b>Thursday 19-Oct-2023</b>	<b>Friday 20-Oct-2023</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 Benign and Malignant Diseases of the Stomach and Oesophagus <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>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, Intestinal Obstruction Abdominal Trauma <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>

**Week II / 23 Oct. – 27 Oct. 2023 Group C**

	<b>Monday 23-Oct-2023</b>	<b>Tuesday 24-Oct-2023</b>	<b>Wednesday 25-Oct-2023</b>	<b>Thursday 26-Oct-2023</b>	<b>Friday 27-Oct-2023</b>
09.00- 11.50	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Disease of the Breast <i>Neşet Köksal</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>
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>Clinical Experience</b>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <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 / 30 Oct.-03 Nov. 2023 Group C**

	<b>Monday 30-Oct-2023</b>	<b>Tuesday 31-Oct-2023</b>	<b>Wednesday 01-Nov-2023</b>	<b>Thursday 02-Nov-2023</b>	<b>Friday 03-Nov-2023</b>
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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	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery
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	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of General Surgery
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week IV / 06 Nov.- 10 Nov. 2023 Group C**

	Monday 06-Nov-2023	Tuesday 07-Nov-2023	Wednesday 08-Nov-2023	Thursday 09-Nov-2023	Friday 10-Nov-2023
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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>Oral Exam</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>Written Exam</u>	<u>Oral Exam</u>
15.30- 17.30	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience	<u>Oral Exam</u>
17.30-17:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

# GENERAL SURGERY CLERKSHIP PROGRAM

Week I / 05 Feb. - 09 Feb. 2024 Group B

	<b>Monday 05-Feb-2024</b>	<b>Tuesday 06-Feb-2024</b>	<b>Wednesday 07-Feb-2024</b>	<b>Thursday 08-Feb-2024</b>	<b>Friday 09-Feb-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 Benign and Malignant Diseases of the Stomach and Oesophagus <i>Ali Ediz Kivanç</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>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, Intestinal Obstruction Abdominal Trauma <i>Ali Ediz Kivanç</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>



**Week II / 12 Feb. – 16 Feb. 2024 Group B**

	<b>Monday 12-Feb-2024</b>	<b>Tuesday 13-Feb-2024</b>	<b>Wednesday 14-Feb-2024</b>	<b>Thursday 15-Feb-2024</b>	<b>Friday 16-Feb-2024</b>
09.00- 11.50	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Disease of the Breast <i>Neşet Köksal</i> Hernias <i>Neşet Köksal</i>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>L 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>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>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 / 19 Feb.-23 Feb. 2024 Group B**

	<b>Monday 19-Feb-2024</b>	<b>Tuesday 20-Feb-2024</b>	<b>Wednesday 21-Feb-2024</b>	<b>Thursday 22-Feb-2024</b>	<b>Friday 23-Feb-2024</b>
<b>09.00- 11.50</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>I TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
<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>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
<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>

**Week IV / 04 Mar.- 08 Mar. 2024 Group B**

	Monday 04-Mar-2024	Tuesday 05-Mar-2024	Wednesday 06-Mar-2024	Thursday 07-Mar-2024	Friday 08-Mar-2024
09.00- 11.50	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	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	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL Department of General Surgery	<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

# GENERAL SURGERY CLERKSHIP PROGRAM

Week I / 04 Mar. - 08 Mar. 2024 Group A

	Monday 04-Mar-2024	Tuesday 05-Mar-2024	Wednesday 06-Mar-2024	Thursday 07-Mar-2024	Friday 08-Mar-2024
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 Benign and Malignant Diseases of the Stomach and Oesophagus <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>	Evidence Based Medicine: Acute Appendicitis, Inflammatory Bowel Diseases, Intestinal Obstruction Abdominal Trauma <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>

**Week II / 11 Mar. – 15 Mar. 2024 Group A**

	<b>Monday 11-Mar-2024</b>	<b>Tuesday 12-Mar-2024</b>	<b>Wednesday 13-Mar-2024</b>	<b>Thursday 14-Mar-2024</b>	<b>Friday 15-Mar-2024</b>
09.00- 11.50	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Disease of the Breast <i>Neşet Köksal</i> Hernias <i>Neşet Köksal</i>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>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>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>Clinical Experience</b>	Evidence Based Medicine: Colorectal carcinoma- Anorectal Disease <i>Neşet Köksal</i>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>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 / 18 Mar. – 22 Mar. 2024 Group A**

	<b>Monday 18-Mar-2024</b>	<b>Tuesday 19-Mar-2024</b>	<b>Wednesday 20-Mar-2024</b>	<b>Thursday 21-Mar-2024</b>	<b>Friday 22-Mar-2024</b>
<b>09.00- 11.50</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
<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>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of General Surgery</b>
<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>

**Week IV / 25 Mar. – 29 Mar. 2024 Group A**

	Monday 25-Mar-2024	Tuesday 26-Mar-2024	Wednesday 27-Mar-2024	Thursday 28-Mar-2024	Friday 29-Mar-2024
09.00- 11.50	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	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	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	TRAINING AND RESEARCH HOSPITAL Department of General Surgery	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

## **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.

Oya Alagöz M.D., Assist. Prof.

Yosun Görkem Zeybek Özçer M.D.

**&**

### **ISTANBUL TRAINING AND RESEARCH HOSPITAL**

Işık Kaban MD, Assoc Prof.

**&**

### **SANCAKTEPE ŞEHİT PROF Dr. İLHAN VARANK TRAINING AND RESEARCH HOSPITAL**

Niyazi TUĞ MD, 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	Proportion (in Pass/Fail Decision)
Oral Exam (OE)	50%
<b>Total</b>	50%
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
<b>Total</b>	100%

**OBSTETRICS AND GYNECOLOGY - Group D**  
**Week I / 13 Nov 2023 – 17 Nov 2023**

	<b>Monday 13-Nov-2023</b>	<b>Tuesday 14-Nov-2023</b>	<b>Wednesday 15-Nov-2023</b>	<b>Thursday 16-Nov-2023</b>	<b>Friday 17-Nov-2023</b>
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 Erkut Attar / 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	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Mustafa Başbuğ / Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
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 Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Obstetric Ultrasound Examination Tanju Demirören	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	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	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Mustafa Başbuğ
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 / 20-24 Nov 2023**

	<b>Monday 20-Nov-2023</b>	<b>Tuesday 21-Nov-2023</b>	<b>Wednesday 22-Nov-2023</b>	<b>Thursday 23-Nov-2023</b>	<b>Friday 24-Nov-2023</b>
09.00- 09.50	Perinatal Follow-Ups <b>Tanju Demirören</b>	Pre-invasive Cervical Neoplasm <b>Orhan Ünal</b>	Bleeding in the Third Trimester <b>Rukset Attar / Görkem Özçer</b>	Complications of Early Pregnancy <b>Rukset Attar</b>	<b>Clinical Experience</b>
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis <b>Tanju Demirören</b>	Cervix Carcinoma <b>Orhan Ünal</b>	Evidence Based Aproaching to the Postmenopausal Hormone Treatment <b>Melis G. K. Yazıcı</b>	Postpartum Bleeding <b>Rukset Attar</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology
11.00- 11:50	Trombophilia and Pregnancy <b>Tanju Demirören</b>	Vulvovaginal Carcinoma <b>Orhan Ünal</b>	Pelvic Relaxation <b>Melis G. K. Yazıcı</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>	Uro-Gynecology <b>Melis G. K. Yazıcı</b>	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents <b>Rukset Attar</b>	<b>Clinical Experience</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>	A Gynecological Case Interactive Discussion <b>Melis G. K. Yazıcı</b>	Menstrual Disorders, Amenorrhea <b>Rukset Attar</b>	<b>ISTANBUL TRAINING AND RESEARCH HOSPITAL</b> Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being <b>Tanju Demirören</b>	Malignant Disorders of Uterus, Endometrium Carcinoma <b>Orhan Ünal</b>	<b>Independent Learning</b>	Abnormal Uterine Bleeding <b>Rukset Attar</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>
17.00-18:00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

**Week III / 27 Nov – 01 Dec 2023**

	<b>Monday 27-Nov-2023</b>	<b>Tuesday 28-Nov-2023</b>	<b>Wednesday 29-Nov-2023</b>	<b>Thursday 30-Nov-2023</b>	<b>Friday 01-Dec-2023</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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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 / 04-08 Dec 2023**

	<b>Monday 04-Dec-2023</b>	<b>Tuesday 05-Dec-2023</b>	<b>Wednesday 06-Dec-2023</b>	<b>Thursday 07-Dec-2023</b>	<b>Friday 08-Dec-2023</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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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 / 11 - 15 Dec 2023**

	Monday 11-Dec-2023	Tuesday 12-Dec-2023	Wednesday 13-Dec-2023	Thursday 14-Dec-2023	Friday 15-Dec-2023
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		



## OBSTETRICS AND GYNECOLOGY - Group C

Week I / 18 Dec 2023 – 22 Dec 2023

	Monday 19-Dec-2023	Tuesday 20-Dec-2023	Wednesday 21-Dec-2023	Thursday 22-Dec-2023	Friday 23-Dec-2023
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 Erkut Attar / 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	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Mustafa Başbuğ / Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
12.00- 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Obstetric Ultrasound Examination Tanju Demirören	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	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	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	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 Dec 2023

	Monday 25-Dec-2023	Tuesday 26-Dec-2023	Wednesday 27-Dec-2023	Thursday 28-Dec-2023	Friday 29-Dec-2023
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	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 Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	ISTANBUL/SANCAKTEPE 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	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being 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 / 01-05 Jan 2024**

	<b>Monday 01-Jan-2024</b>	<b>Tuesday 02-Jan-2024</b>	<b>Wednesday 03-Jan-2024</b>	<b>Thursday 04-Jan-2024</b>	<b>Friday 05-Jan-2024</b>
09.00- 09.50	<b>New Year</b>	Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50					
11.00- 12.30		ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
12.30- 13.30		Lunch	Lunch	Lunch	Lunch
13.30-15.30		Clinical Experience	Clinical Experience	Clinical Experience	Clinical Experience
15.30- 17.30		ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00		Independent Learning	Independent Learning	Independent Learning	Independent Learning

**Week IV / 08-12 Jan 2024**

	<b>Monday 08-Jan-2023</b>	<b>Tuesday 09-Jan-2023</b>	<b>Wednesday 10-Jan-2024</b>	<b>Thursday 11-Jan-2024</b>	<b>Friday 12-Jan-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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</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>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</b>	<b>ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL</b> <b>Department of Obstetrics and Gynecology</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 / 15-19 Jan 2024

	Monday 15-Jan-2024	Tuesday 16-Jan-2024	Wednesday 17-Jan-2024	Thursday 18-Jan-2024	Friday 19-Jan-2024
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL /SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE 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		Oral Examination
15.30- 17.30	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL/SANCAKTEPE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		

**OBSTETRICS AND GYNECOLOGY - Group B**  
**Week I / 01-05 Apr 2024**

	<b>Monday 01-Apr-2023</b>	<b>Tuesday 02-Apr-2023</b>	<b>Wednesday 03-Apr-2023</b>	<b>Thursday 04-Apr-2023</b>	<b>Friday 05-Apr-2023</b>
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 Erkut Attar / 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	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Mustafa Başbuğ / Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
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 Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Obstetric Ultrasound Examination Tanju Demirören	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	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	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Mustafa Başbuğ
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 / 08-12 Apr 2024

	Monday 08-Apr-2023	Tuesday 09-Apr-2023	Wednesday 10-Apr-2023	Thursday 11-Apr-2023	Friday 12-Apr-2023
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY	RELIGIOUS HOLIDAY
10.00- 10.50	Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal			
11.00- 11:50	Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal			
12.00- 13.00	Lunch	Lunch			
13.00-13.50	Puerperium and Puerperal Infections Tanju Demirören	RELIGIOUS HOLIDAY EVE			
14.00- 14.50	Intrauterine Growth Restriction Tanju Demirören				
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being Tanju Demirören				
16:00- 16:50	Independent Learning				
17.00-18:00	Independent Learning				

### Week III / 15-19 Apr 2024

	Monday 08-Apr-2023	Tuesday 09-Apr-2023	Wednesday 10-Apr-2023	Thursday 11-Apr-2023	Friday 12-Apr-2023
09.00- 09.50	Independent Learning	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	Complications of Early Pregnancy Rukset Attar	Clinical Experience	Clinical Experience
10.00- 10.50	Independent Learning	Evidence Based Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
11.00- 11:50	Independent Learning	Pelvic Relaxation Melis G. K. Yazıcı	Ectopic Pregnancy Rukset Attar		
12.00- 13.00	Lunch	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	Clinical Experience	Clinical Experience
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	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	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	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning		



**Week IV / 22-26 Apr 2024**

	Monday 22-Apr-2024	Tuesday 23-Apr-2024	Wednesday 24-Apr-2024	Thursday 25-Apr-2024	Friday 26-Apr-2024
09.00- 09.50	Clinical Experience	NATIONAL HOLIDAY	Clinical Experience	Clinical Experience	Clinical Experience
10.00- 10.50	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	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	L TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		ISTANBUL TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning		Independent Learning	Independent Learning	Independent Learning

**Week IV / 29 Apr-03 May 2024**

	Monday 29-Apr-2024	Tuesday 30-Apr-2024	Wednesday 01-May-2024	Thursday 02-May-2024	Friday 03-May-2024
09.00- 09.50	Clinical Experience	Clinical Experience	NATIONAL HOLIDAY	Clinical Experience	Clinical Experience
10.00- 10.50	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	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	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
17.30-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

### Week V / 08-12 May 2024

	Monday 08-May-2024	Tuesday 09-May-2024	Wednesday 10-May-2024	Thursday 11-May-2024	Friday 12-May-2024
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship

**OBSTETRICS AND GYNECOLOGY - Group A**  
**Week I / 13-17 May 2024**

	<b>Monday 13-May-2023</b>	<b>Tuesday 14-May-2023</b>	<b>Wednesday 15-May-2023</b>	<b>Thursday 16-May-2023</b>	<b>Friday 17-May-2023</b>
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 Erkut Attar / 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	Benign Disorders of Vulva and Vagina Mert Yeşiladalı	Perinatal Infections Rukset Attar / Görkem Özçer	Hypertensive Disorders and Pregnancy Mustafa Başbuğ / Yeşim Yeşilkaya	Hormonal Disorders and Pregnancy Mustafa Başbuğ
11.00- 11:50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Görkem Özçer	Vulvo-Vaginitis Mert Yeşiladalı	Rh Isoimmunisation Erkut Attar / Görkem Özçer	Developmental Defects of the Female Reproductive Tract Erkut Attar/ Yeşim Yeşilkaya	Multiple Pregnancies Mustafa Başbuğ
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 Mustafa Başbuğ	Ovarian Functions and its Neuro-Endocrine Control Mert Yeşiladalı	Obstetric Ultrasound Examination Tanju Demirören	Clinical Embryology Oya Alagöz	Preterm Premature Rupture of Membranes Mustafa Başbuğ
14.00- 14.50	Abnormal Labor Mustafa Başbuğ	Anovulation Mert Yeşiladalı	Evaluation of Infertile Couple Erkut Attar	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	Hirsutismus Melis G. K. Yazıcı	Assisted Reproductive Technologies Erkut Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	High-risk Pregnancy: an Overview Mustafa Başbuğ
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 / 22-26 May 2024

	Monday 20-May-2023	Tuesday 21-May-2023	Wednesday 22-May-2023	Thursday 23-May-2023	Friday 24-May-2023
09.00- 09.50	Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Görkem Özçer	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 Aproaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Postpartum Bleeding Rukset Attar	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	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
15:00- 15.50	Evidence Based Assessment of Fetal Well-Being 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 / 29 May – 02 Jun 2024**

	<b>Monday 27-May-2024</b>	<b>Tuesday 28-May-2024</b>	<b>Wednesday 29-May-2024</b>	<b>Thursday 30-May-2024</b>	<b>Friday 31-May-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>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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 / 05-09 Jun 2024**

	<b>Monday 03-Jun-2024</b>	<b>Tuesday 04-Jun-2024</b>	<b>Wednesday 05-Jun-2024</b>	<b>Thursday 06-Jun-2024</b>	<b>Friday 07-Jun-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>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</b>	<b>TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology</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 / 12-16 Jun 2024**

	Monday 10-Jun-2024	Tuesday 11-Jun-2024	Wednesday 12-Jun-2024	Thursday 13-Jun-2024	Friday 14-Jun-2024
09.00- 09.50	Clinical Experience	Clinical Experience	Clinical Experience	Independent Learning	Written Examination
10.00- 10.50	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		Oral Examination
11.00- 12.30					
12.30- 13.30	Lunch	Lunch	Lunch		Lunch
13.30-15.30	Clinical Experience	Clinical Experience	Clinical Experience		Oral Examination
15.30- 17.30	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology	TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology		
17.30-18:00	Independent Learning	Independent Learning	Independent Learning		Program Evaluation Session Review of the Exam Questions,



**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**CARDIOLOGY**

**YEDİTEPE UNIVERSITY HOSPITAL**

Muzaffer Murat Değertekin, MD. Prof.

Olca Özveren, MD. Assoc. Prof.

Tolga Aksu , MD . Prof.

Ayça Türer Cabbar , MD. Assist. Prof.

Mustafa Aytek Şimşek, MD. Assist. Prof.

Çiğdem Koca M.D.

Feri Onur Mutluer M.D.

Cansu Ebre 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 2023-2024

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

## 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

#### **SKILLS**

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

#### **ATTITUDES**

26. **respect** and **understand** of the roles, responsibilities and relationship of primary care and specialty care providers
27. **demonstrate** interpersonal skills and professionalism in relations with patients, families and healthcare staff, being analytical and research orientated
28. **show respect** for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition
29. **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 05-Feb-2024				Tuesday 06-Feb-2024				Wednesday 07-Feb-2024				Thursday 08-Feb-2024				Friday 09-Feb-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>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</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>Muzaffer değertekin</i> <i>Cansu Ebren</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</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>Feri Onur Mutluer</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</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 12-Feb-2024</b>				<b>Tuesday 13-Feb-2024</b>				<b>Wednesday 14-Feb-2024</b>				<b>Thursday 15-Feb-2024</b>	<b>Friday 16-Feb-2024</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>				<b>Lecture</b> <i>Pulmonary Vascular Disease</i> <i>Cansu Ebren</i> <i>Olçay Özveren</i>	<b>Written and Oral Examination</b>  <b>YEDİTEPE UNIVERSITY HOSPITAL</b> <b>Muzafer Değertekin</b> <b>Olçay Özveren</b> <b>Tolga Aksu</b> <b>Ayça Türer Cabbar</b> <b>Mustafa Aytek</b> <b>Şimşek</b> <b>Çiğdem Koca</b> <b>Ferit Onur Mutluer</b> <b>Cansu Ebren</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>	<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>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00-14.50	<b>Lecture</b> Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00-15.50	<b>Lecture</b> Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
16.00-17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP B / Week I																				
	Monday 04-Mar-2024				Tuesday 05-Mar-2024				Wednesday 06- Mar -2024				Thursday 07- Mar -2024				Friday 09- Mar -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>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebrn</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</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>Muzaffer değertekin</i> <i>Cansu Ebrn</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</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>Feri Onur Mutluer</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</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 11- Mar -2023				Tuesday 12- Mar -2024				Wednesday 13- Mar -2024				Thursday 14- Mar -2024	Friday 15- Mar -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>				<b>Lecture</b> <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn Olçay Özveren</i>	<b>Written and Oral Examination</b>  <b>YEDİTEPE UNIVERSITY HOSPITAL</b> <b>Muzaffer Değertekin</b> <b>Olçay Özveren</b> <b>Tolga Aksu</b> <b>Ayça Türer Cabbar</b> <b>Mustafa Aytek</b> <b>Şimşek</b> <b>Çiğdem Koca</b> <b>Ferit Onur Mutluer</b> <b>Cansu Ebrn</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>	<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>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	



CARDIOLOGY - GROUP C / Week I																				
	Monday 18-Sep-2023				Tuesday 19- Sep -2023				Wednesday 20- Sep -2023				Thursday 21- Sep -2023				Friday 22- Sep -2023			
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>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebre</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebre</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</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>Muzaffer değertekin</i> <i>Cansu Ebre</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</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>Feri Onur Mutluer</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</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 24- Sep-2023				Tuesday 25-Sep -2023				Wednesday 26- Sep -2023				Thursday 27- Sep -2023	Friday 28- Sep -2023
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>				<b>Lecture</b> <i>Pulmonary Vascular Disease</i> <i>Cansu Ebren Olçay Özveren</i>	<b>Written and Oral Examination</b>  <b>YEDİTEPE UNIVERSITY HOSPITAL</b> <b>Muzaffer Değertekin</b> <b>Olçay Özveren</b> <b>Tolga Aksu</b> <b>Ayça Türer Cabbar</b> <b>Mustafa Aytek</b> <b>Şimşek</b> <b>Çiğdem Koca</b> <b>Ferit Onur Mutluer</b> <b>Cansu Ebren</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>	<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>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
16.00- 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning	

CARDIOLOGY - GROUP D / Week I																				
	Monday 30-Oct-2023				Tuesday 11- Oct -2023				Wednesday 01-Nov -2023				Thursday 02- Nov -2023				Friday 03- Nov-2023			
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>Muzaffer Değertekin</i> History taking <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				Lecture Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i> <i>Cansu Ebren</i>				Lecture Non-ST Elevation Myocardial Infarction/Unstable Angina <i>Mustafa Aytek Şimşek</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>Muzaffer değertekin</i> <i>Cansu Ebren</i>				Lecture ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				Lecture Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				Lecture Heart Failure II <i>Ayça Türer Cabbar</i>				Lecture Aortic Valve Diseases <i>Olçay Özveren</i>			
15.00- 15.50	Lecture Electrocardiography <i>Tolga Aksu</i> <i>Feri Onur Mutluer</i>				Lecture ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				Lecture Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				Lecture Dilated, Restrictive and Hypertrophic Cardiomyopathies <i>Ayça Türer 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 06- Nov -2023				Tuesday 07- Nov -2023				Wednesday 08- Nov -2023				Thursday 09- Nov -2023	Friday 10- Nov -2023
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>				<b>Lecture</b> <i>Pulmonary Vascular Disease</i> <i>Cansu Ebrn</i> <i>Olçay Özveren</i>	<b>Written and Oral Examination</b>  <b>YEDİTEPE UNIVERSITY HOSPITAL</b> <b>Muzaffer Değertekin</b> <b>Olçay Özveren</b> <b>Tolga Aksu</b> <b>Ayça Türer Cabbar</b> <b>Mustafa Aytek</b> <b>Şimşek</b> <b>Çiğdem Koca</b> <b>Ferit Onur Mutluer</b> <b>Cansu Ebrn</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>	<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>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Syncope <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
14.00- 14.50	<b>Lecture</b> Infective Endocarditis <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Tachyarrhythmias <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Sudden Cardiac Death <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				Independent Learning	
15.00- 15.50	<b>Lecture</b> Pericardial Diseases <i>Olçay Özveren</i> <i>Çiğdem Koca</i>				<b>Lecture</b> Bradyarrhythmias and Heart Blocks <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</i>				<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators <i>Tolga Aksu</i> <i>Ferit Onur Mutluer</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)

Noyan Temuçin Oğuş, MD, PhD, 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.

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

## ASSESSMENT

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

<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 outer 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 2-13, 2023**  
**LECTURES (02-06-Oct-2023)**

	Monday /02-Oct- 2023	Tuesday / 03-Oct- 2023	Wednesday 04- Oct- 2023	Thursday 05-Oct 2023	Friday 06-Oct-2023
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</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Noyan Temuçin Oğuş</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>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</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>	

	Monday 09-Oct-2023	Tuesday 10-Oct-2023	Wednesday 11-Oct-2023	Thursday 12-Oct-2023	Friday 13-Oct-2023
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 D

January 8-19, 2023

## LECTURES (09-20-Jan-2023)

	Monday 08-Jan-2024	Tuesday 09-Jan-2024	Wednesday 10-Jan-2024	Thursday 11-Jan-2024	Friday 12-Jan-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</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Halit Yerebakan</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Noyan Temuçin Oğuş</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>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</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 D**  
**PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**  
**(16-19-Jan-2024)**

	<b>Monday 15-Jan-2024</b>	<b>Tuesday 16-Jan-2024</b>	<b>Wednesday 17-Jan-2024</b>	<b>Thursday 18-Jan-2024</b>	<b>Friday 19-Jan-2024</b>
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	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	Clinical patient visits/ service follow up	<b>Yeditepe University- Kozyatağı-CVS Dept- Assessment Session</b>
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	<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>Outpatient clinic</b>	<b>Outpatient clinic</b>	<b>Outpatient clinic</b>	<b>Outpatient clinic</b>	
16.00-17.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

## CARDIOVASCULAR SURGERY - GROUP A

19 February – 01 March, 2024

LECTURES (19-23- Feb- 2024)

	Monday 19- Feb-2024	Tuesday 20- Feb-2024	Wednesday 21- Feb-2024	Thursday 22- Feb-2024	Friday 23- Feb-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 Oğuş</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
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>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	Program Evaluation Session 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>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
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	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**CARDIOVASCULAR SURGERY – GROUP A**  
**PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**  
**(26 Feb- 01 March 2024)**

	Monday 26- Feb-2024	Tuesday 27-Feb-2024	Wednesday 28-Feb-2024	Thursday 29-Feb-2024	Friday 01-Mar-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	
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 B

18-29 March,2024

## LECTURES (18-22 Mar- 2024)

	Monday 18-Mar-2024	Tuesday 19-Mar-2024	Wednesday 20-Mar-2024	Thursday 21-Mar-2024	Friday 22-Mar-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 Oğuş</i>	<b>Lecture</b> Extracorporeal Circulation and Organ Protection <i>Tijen Bozkaya</i>	<b>Lecture</b> Aortic Aneurysm and Aortic Dissection <i>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Cardiac Neoplasms and Pericardial Disease <i>Tijen Bozkaya</i>	Assessment Session
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>Noyan Temuçin Oğuş</i>	<b>Lecture</b> Peripheral Arterial Disease and Carotid Occlusive Disease <i>Tijen Bozkaya</i>	Program Evaluation Session 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>	Independent Learning
12.20 - 13.30	Lunch	Lunch	Lunch	Lunch	
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	Independent Learning	Independent Learning	Independent Learning	Independent Learning	

**CARDIOVASCULAR SURGERY - GROUP D**  
**PRACTICES AT KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL**  
**(25-29, March 2024)**

	Monday 25-Mar-2024	Tuesday 26-Mar-2024	Wednesday 27-Mar-2024	Thursday 28-Mar-2024	Friday 29-Mar- 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	
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	



**YEDİTEPE UNIVERSITY  
FACULTY OF MEDICINE  
PHASE IV**

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY**

**YEDİTEPE UNIVERSITY HOSPITAL**

Bilge Kağan Aysal MD. Plastic, Reconstructive and Aesthetic Surgeon

Mert Ersan MD. Plastic, Reconstructive and Aesthetic Surgeon

## 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>
15.04.2024-22.04.2024	23.05.2024-31.05.2024	27.11.2023-07.12.2023	28.12.2023-05.01.2023

## 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>Mert Ersan</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 M.D., Prof.  
Serdar Evman M.D., Assoc. Prof.  
Aysun Kosif M.D., Assoc. Prof.  
Serda Kanbur 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

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

## ASSESSMENT

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

Question Types (Pencil.Paper Tests)	Proportion 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 7 Dec 2023 @Kayışdağı	Friday 8 Dec 2023 @Sultanbeyli	Monday 11 Dec 2023 @Kayışdağı	Tuesday 12 Dec 2023 @Kayışdağı	Wednesday 13 Dec 2023 @Sultanbeyli	Thursday 14 Dec 2023 @Sultanbeyli	Friday 15 Dec 2023 @ Kayışdağı
08.30-09.15	Introductory Session Welcome & Acquaintance “Introduction to Thoracic Surgery” Sina Ercan	Clinical Experience In Patient Serda Kanbur	Lecture Chest Wall Diseases and Surgical Treatment R.Serdar Evman	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Clinical Experience Surgical Intensive care unit R.Serdar Evman	10:00-12:30  Written Exam  -----  Structured Oral Exam  -----  Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.
09.25-10.10	Lecture Surgical Pathologies of Trachea and their Treatment Sina Ercan	Clinical Experience Surgical Serda Kanbur	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	Lecture Minimal InvasiveSurgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Clinical Experience Surgical Operatingroom R.Serdar Evman	
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Lecture Hemoptysis R.Serdar Evman	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Clinical Experience InPatient Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	
11.10-12.00	Lecture Thoracic Trauma I Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) R.Serdar Evman	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture PreoperativeEvaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur	
12.00-13.00	Lunch						
13.00-13.45	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	Lecture Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	
13.55-14.40	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Lecture Radiological Evaluationin Thoracic Surgery Serda Kanbur	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Serda Kanbur	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif	
14.50-15.35	Case Presentation (Faculty) Aysun Kosif	Clinical Experience Surgical R.Serdar Evman	Case Presentation (Faculty) Serda Kanbur	Case Presentation (Faculty) Serda Kanbur	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	

THORACIC SURGERY Group D								
	Monday 18 Dec 2023 @Kayışdağı	Tuesday 19 Dec 2023 @Sultanbeyli	Wednesday 20 Dec 2023 @Kayışdağı	Thursday 21 Dec 2023 @Kayışdağı	Friday 22 Dec 2023 @Sultanbeyli	Monday 25 Dec 2023 @Sultanbeyli	Tuesday 26 Dec 2023	Wednesday 27 Dec 2023 @ Kayışdağı
08.30-09.15	Introductory Session Welcome & Acquaintance “Introduction to Thoracic Surgery” Sina Ercan	Clinical Experience In Patient Serda Kanbur	Lecture Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	Lecture Chest Wall Diseses and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and theirTreatment Sina Ercan	Clinical Experience Surgical Serda Kanbur	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Serda Kanbur	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Clinical Experience Surgical Operatingroom R.Serdar Evman		
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Case Presentation (Faculty) Serda Kanbur	Lecture Hemoptysis R.Serdar Evman	Clinical Experience Surgical R.Serdar Evman	Clinical Experience Surgical R.Serdar Evman		
11.10-12.00	Lecture Thoracic Trauma I Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) Serda Kanbur	Case Presentation (Faculty) R.Serdar Evman	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur		
12.00-13.00	Lunch							
13.00-13.45	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Independent Learning Preparation for the Exam	Written Exam
13.55-14.40	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Lecture Radiological Evaluationin Thoracic Surgery Serda Kanbur	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif		Structured Oral Exam
14.50-15.35	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Clinical Experience In Patient Aysun Kosif	Case Presentation (Faculty) Serda Kanbur	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		

THORACIC SURGERY Group A							
	Thursday 2 May 2024 @Kayışdağı	Friday 3 May2024 @ Sultanbeyli	Monday 6 May 2024 @ Kayışdağı	Tuesday 7 May 2024 @ Kayışdağı	Wednesday 8 May 2024 @Sultanbeyli	Thursday 9 May 2024 @Sultanbeyli	Friday 10 May 2024 @ Kayışdağı
08.30-09.15	<b>Introductory Session</b> Welcome & Acquaintance "Introduction to Thoracic Surgery" Sina Ercan	<b>Clinical Experience</b> Surgical Bronchoscopy R.Serdar Evman	<b>Lecture</b> Chest Wall Diseses and Surgical Treatment R.Serdar Evman	<b>Lecture</b> Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	<b>Clinical Experience</b> In Patient Serda Kanbur	<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 Tube thoracostomy R.Serdar Evman	<b>Lecture</b> Diaphragmatical Diseases and Surgical Treatment R.Serdar Evman	<b>Lecture</b> Benign Lung Diseases & Hydatid Cyst of the Lung Serda Kanbur	<b>Clinical Experience</b> Surgical Serda Kanbur	<b>Clinical Experience</b> Surgical Operatingroom R.Serdar Evman	
10.20-11.05	<b>Lecture</b> Esophageal Diseases and Surgical Treatment Sina Ercan	<b>Clinical Experience</b> Surgical R.Serdar Evman	<b>Lecture</b> Hemoptysis R.Serdar Evman	<b>Case Presentation (Faculty)</b> Serda Kanbur	<b>Case Presentation (Faculty)</b> Volkan Baysungur	<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> R.Serdar Evman	<b>Case Presentation (Faculty)</b> R.Serdar Evman	<b>Case Presentation (Faculty)</b> Serda Kanbur	<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	<b>Lunch</b>						
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 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								
	Monday 13 May 2024 @Kayışdağı	Tuesday 14 May 2024 @Sultanbeyli	Wednesday 15 May 2024 @Kayışdağı	Thursday 16 May 2024 @Kayışdağı	Friday 17 May 2024 @Sultanbeyli	Monday 20 May 2024 @Sultanbeyli	Tuesday 21 May 2024	Wednesday 22 May 2024 @ Kayışdağı
08.30-09.15	Introductory Session Welcome & Acquaintance “Introduction to Thoracic Surgery” Sina Ercan	Clinical Experience In Patient Serda Kanbur	Lecture Tracheobronchial & Esophageal Foreign Bodies Serda Kanbur	Lecture Chest Wall Diseses and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Bronchoscopy R.Serdar Evman	Clinical Experience Surgical Intensive care unit R.Serdar Evman	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam
09.25-10.10	Lecture Surgical Pathologies of Trachea and theirTreatment Sina Ercan	Clinical Experience Surgical Serda Kanbur	Lecture Benign Lung Diseases & Hydatic Cyst of the Lung Serda Kanbur	Lecture Diaphragmatic Diseases and Surgical Treatment R.Serdar Evman	Clinical Experience Surgical Tube thoracostomy R.Serdar Evman	Clinical Experience Surgical Operatingroom R.Serdar Evman		
10.20-11.05	Lecture Esophageal Diseases and Surgical Treatment Sina Ercan	Case Presentation (Faculty) Volkan Baysungur	Case Presentation (Faculty) Serda Kanbur	Lecture Hemoptysis R.Serdar Evman	Clinical Experience Surgical R.Serdar Evman	Clinical Experience Surgical R.Serdar Evman		
11.10-12.00	Lecture Thoracic Trauma I Aysun Kosif	Case Presentation (Faculty) Pneumothorax Radiology Volkan Baysungur	Case Presentation (Faculty) Serda Kanbur	Case Presentation (Faculty) R.Serdar Evman	Lecture Surgical Treatment of the Pathologies of Pleural Spaces Volkan Baysungur	Lecture Preoperative Evaluation and Diagnostic Procedures in Thoracic Surgery Volkan Baysungur		
12.00-13.00	Lunch							
13.00-13.45	Lecture Thoracic Trauma II Aysun Kosif	Clinical Experience Surgical Intensive care unit Aysun Kosif	Lecture Topographical Anatomy of the Thorax and Thoracic Incisions Serda Kanbur	Lecture Spontaneous Pneumothorax and Bullous Disorders Aysun Kosif	Clinical Experience Surgical Volkan Baysungur	Clinical Skills Training Needle Thoracentesis on a Mannequin with Tension Pneumothorax Aysun Kosif	Independent Learning Preparation for the Exam	Written Exam
13.55-14.40	Lecture Interventional Procedures in Thoracic Surgery Aysun Kosif	Clinical Experience Surgical Operating room Aysun Kosif	Lecture Radiological Evaluationin Thoracic Surgery Serda Kanbur	Lecture Minimal Invasive Surgical Approaches in Thoracic Diseases Aysun Kosif	Clinical Experience In Patient Volkan Baysungur	Clinical Skills Training Assessment Session Aysun Kosif		Structured Oral Exam
14.50-15.35	Lecture Mediastinal Diseases and Surgical Treatment Aysun Kosif	Clinical Experience In Patient Aysun Kosif	Case Presentation (Faculty) Serda Kanbur	Lecture Lung Cancers and Other Tumors of Lung Aysun Kosif	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		Program Evaluation Session Review of the Exam Questions, Evaluation of the Clerkship Progr.
15.45-16.30	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam	Independent Learning Preparation for the Exam		

**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 05 -09, 2023 (face to face)					
	Monday 04.Sept.2023	Tuesday 05. Sept.2023	Wednesday 06. Sept.2023	Thursday 07. Sept.2023	Friday 08. Sept.2023
09.00-09.50	<b>Introductory Session</b> (Introduction to the General Medical Ethics Principles) <b>Adem Az</b>	<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 <b>Adem Az</b>	Collecting the papers
10.00-10.50	Repeating Physician-Patient Relationship Models <b>Adem Az</b>				<b>Lecture and Discussion (large group)</b> Student Presentations <b>Adem Az</b>
11.00-11.50	Application of Medical Ethics Principles to Different Physician-Patient Relationship Models <b>Adem Az</b>				
12.00-12.50	<b>Lunch</b>				
13.00-13.50	Explaining the Interdisciplinary Approach between Medical Law and Medical Ethics <b>Adem Az</b>	<b>Independent Learning</b> Preparation for Student Presentations	<b>Lecture and Discussion (large group)</b> Student Presentations <b>Adem Az</b>	<b>Lecture and Discussion (large group)</b> Student Presentations <b>Adem Az</b>	<b>Lecture and Discussion (large group)</b> Student Presentations <b>Adem Az</b>
14.00-14.50	Explaining the General Perspective of Medical Law Legislations in Turkey <b>Adem Az</b>				
15.00- 15.50	Talking About Some Basic Examples of International Medical Legislations Which are Different from Turkey <b>Adem Az</b>				
16.00-16.50	Science Ethic <b>Adem Az</b>				
17.00-17:50	Research Ethic <b>Adem Az</b>				



**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 11 – 15 2023					
	Monday 11.Sept.2023	Tuesday 12. Sept.2023	Wednesday 13. Sept.2023	Thursday 14. Sept.2023	Friday 15. Sept.2023
09.00-09.50	Introductory Session  Lecture  Introduction to EBM  <i>Hale Arik Taşyikan</i>	Discussion (Large Group) An EBM Story	Lecture Epidemiologic Research Types and Basic Concepts I-II <i>Hale Arik Taşyikan</i>	Discussion (Large Group) An EBM Story	Revision of the EBM homework (if required)  Evaluation of the EBM homework  Evaluation of group presentations and discussions
10.00-10.50		Preparation for EBM homework		Lecture Evaluation of Screening Tests <i>Hale Arik Taşyikan</i>	
11.00-11.50			Discussion (Large Group) An EBM Story	Lecture Confounding Factor, Bias and Types of Bias <i>Hale Arik Taşyikan</i>	
12.00-13.00	Lunch				
13.00-14.50	Preparation for EBM Homework: Constructing answerable EBM questions and searching for evidence  Facilitators: <i>Hale Arik Taşyikan</i>	Preparation for EBM homework:  Facilitators: <i>Hale Arik Taşyikan</i>	The facilitator’s feedback to the student on the EBM homework <i>Hale Arik 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  Evaluation of group presentations and discussions
15.00-17.50	Structured group presentations and discussions  Facilitators: <i>Hale Arik Taşyikan</i>	Structured group presentations and discussions  Facilitators: <i>Hale Arik Taşyikan</i>	The facilitator’s feedback to the student on the EBM homework <i>Hale Arik Taşyikan</i>	The facilitator’s feedback to the student on the EBM homework <i>Hale Arik Taşyikan</i>	
17.00-17.50					Program Evaluation Session  <i>Hale Arik 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.

Emin Gökhan Gencer, MD, Assist. Prof.

Hande Candemir, MD, Assist. Prof.

Erman Uygun, MD, Emergency Med. Specialist

Abuzer Kekeç, MD, Emergency Med. Specialist

Özkan Erarslan, 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 16.10.2023-27.10.2023

GROUP D					
	Monday 16-Oct-2023	Tuesday 17-Oct-2023	Wednesday 18-Oct-2023	Thursday 19-Oct-2023	Friday 20-Oct-2023
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Chest Pain <i>Emin Gökhan Gençer</i>	<b>Lecture</b> ACLS/BLS <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Hande Candemir</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group D1-D2	Student Presentations Group D3-D4
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 Eraslan</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>Emin Gökhan Gençer</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 23-Oct-2023	Tuesday 24-Oct-2023	Wednesday 25-Oct-2023	Thursday 26-Oct-2023	Friday 27-Oct-2023
09:00-12:00	Student Presentations Group D5-D6	Student Presentations Group D7-D8	Student Presentations Group D9-D10	Clinical Experience (Emergency Department)	Theoretical exam
12.00- 13:00	Lunch	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 C 13.11.23-24.11.23**

GROUP C					
	Monday 13-Nov-2023	Tuesday 14-Nov-2023	Wednesday 15-Nov-2023	Thursday 16-Nov-2023	Friday 17-Nov-2023
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Chest Pain <i>Emin Gökhan Gençer</i>	<b>Lecture</b> ACLS/BLS <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Hande Candemir</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	Student Presentations Group C1-C2	Student Presentations Group C3-C4
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 Eraslan</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>Emin Gökhan Gençer</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 20-Nov-2023	Tuesday 21-Nov-2023	Wednesday 22-Nov-2023	Thursday 23-Nov-2023	Friday 24-Nov-2023
09:00-12:00	Student Presentations Group C5-C6	Student Presentations Group C7-C8	Student Presentations Group C9-C10	Student Presentations Group C11-C12	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 01.04.24-14.04.24**

GROUP A					
	Monday 01-Apr-2024	Tuesday 02-Apr-2024	Wednesday 03-Apr-2024	Thursday 04-Apr-2024	Friday 05-Apr-2024
09:00-12:00	<b>Lecture</b> Triage and General Approach to Critical Patient <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Chest Pain <i>Emin Gökhan Gençer</i>	<b>Lecture</b> ACLS/BLS <i>Emin Gökhan Gençer</i>  <b>Lecture</b> Approach to Trauma Patient <i>Sezgin Sarıkaya</i>	<b>Lecture</b> Shock <i>Hande Candemir</i>  <b>Lecture</b> ECG (Case Based) <i>Cem Şimşek</i>	<b>Student Presentations Group A1-A2 A3-A4</b>	<b>Student Presentations Group A5-A6 A7-A8</b>
12.00- 13:00	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
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 Eraslan</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>Emin Gökhan Gençer</i>	<b>Clinical Experience (Emergency Department)</b>	<b>Clinical Experience (Emergency Department)</b>
17:00-21:00	<b>Clinical Experience (Emergency Department)</b>	<b>Clinical Experience (Emergency Department)</b>	<b>Clinical Experience (Emergency Department)</b>	<b>Clinical Experience (Emergency Department)</b>	<b>Clinical Experience (Emergency Department)</b>

GROUP A					
	Monday 8-Apr-2024	Tuesday 9-Apr-2024	Wednesday 10-Apr-2024	Thursday 11-Apr-2024	Friday 12-Apr-2024
09:00-12:00	Student Presentations Group A5-A6 A7-A8	Student Presentations Group A9-A10 A11-A12	Religious Holiday	Religious Holiday	Religious Holiday
12.00- 13:00	Lunch	Lunch			
13.00-17:00	Clinical Experience (Emergency Department) (GroupA3a) (GroupA6a) (GroupA7b)	Religious Holiday			
17:00-21:00	Experience (Emergency Department) (GroupA3b) (GroupA7a)				

**GROUP B 03.06.23-14.06.23**

GROUP B					
	Monday 03-Jun-2024	Tuesday 04-Jun-2024	Wednesday 05-Jun-2024	Thursday 06-Jun-2024	Friday 07-Jun-2024
09:00-12:00	<p>Lecture Triage and General Approach to Critical Patient <i>Emin Gökhan Gençer</i></p> <p>Lecture Approach to Chest Pain <i>Emin Gökhan Gençer</i></p>	<p>Lecture ACLS/BLS <i>Emin Gökhan Gençer</i></p> <p>Lecture Approach to Trauma Patient <i>Sezgin Sarıkaya</i></p>	<p>Lecture Shock <i>Hande Candemir</i></p> <p>Lecture ECG (Case Based) <i>Cem Şimşek</i></p>	Student Presentations Group B1-B2	Student Presentations Group B3-B4
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-17:00	<p>Lecture Management of ACS <i>Mustafa Yazıcıoğlu</i></p> <p>Lecture Disaster Preparedness <i>Mustafa Ferudun Çelikmen</i></p>	<p>Lecture Approach to Dispnea <i>Özkan Eraslan</i></p> <p>Lecture Stroke <i>Sezgin Sarıkaya</i></p>	<p>Lecture Airway Management <i>Mustafa Yazıcıoğlu</i></p> <p>Lecture Approach to the Poisoned Patient <i>Emin Gökhan Gençer</i></p>	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 B					
	Monday 10-Jun-2024	Tuesday 11-Jun-2024	Wednesday 12- Jun-2024	Thursday 13- Jun-2024	Friday 14- Jun-2024
09:00-12:00	Student Presentations Group B5-B6	Student Presentations Group B7-B8	Student Presentations Group B9-B10	Student Presentations Group B11-B12	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 MEDICINE / 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.

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

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

**Signature** :

**Date** :

## CONTACT

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