



YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE IV

ACADEMIC PROGRAM BOOK

2014 – 2015

Student's;

Name :

Nr :

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM AND OUTCOMES OF MEDICAL EDUCATION PROGRAM*,**

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

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AIM

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

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

OUTCOMES

Graduate should be able to:

1) *practice* as a physician,

- **oriented towards**
 - **individual and non-individual factors affecting health**
 - **sustainment and improvement of healthy condition**
 - **clinical conditions which**
 - **are frequent in community**

and/or

 - **pose high risk for individual or community health**

and/or

 - **life-threatening or constitute an emergency**
- **at a competency level appropriate to deliver primary health care services compatible with surrounding context of health determinants.**

1.1. **explain** normal structural components of human body, their functions and operational mechanisms at organismal, multisystem, system, organ, tissue, cellular and molecular levels.

1.2. **explain** healthy condition and factors affecting health.

1.3. **explain** and **relates** causes of clinical conditions, courses of effect and outcomes.

1.4. **explain** changes (*i.e. physiological and pathological*) in structural components of body, their functions and operational mechanisms under healthy and clinical conditions.

1.5. **explain** most frequently occurring or most important clinical complaints (*i.e. chief complaint*), symptoms, signs, laboratory and imaging findings and their emergence mechanisms in clinical conditions.

1.6. **explain** current medical and surgical methods used in interventions directed towards health conditions.

1.7. **use** contextually appropriate medical history taking method, out of different types (*e.g. comprehensive, focused or hypothetico-deductive*) and systematically, to gather medical information from healthy individual, patient or patient's companions (*i.e. heteroanamnesis*), in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.

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

2) **manage** primary health care services.

2.1 **manage** health care team in primary health care organization.

2.2. **lead** community with sense of responsibility, good behavior and manners in consideration of individual behaviors and social dynamics of community, and if there is a necessity, **develop** projects directed towards health care services.

2.3 **define** health management and economics principles, models for organization and finance of health care services.

2.4 **use** health care resources with cost-effective manners.

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

3.1. **provide** consultancy services to sustain and promote the health of individual and community.

3.2. **explain** epidemiology of clinical conditions, and **define** measures to reduce frequencies.

3.3. **describe** completely all high risk factors for the community health (e.g. *natural disasters, nuclear accidents, fire, war, bio-terrorism, etc.*), and **implement** necessary measures in order to prevent effects on health.

3.4. **explain** health determinants completely (e.g. *physical environment, social environment, genetic background, individual response -behavior, biology-, health care services, welfare, etc.*), including conditions that prevent access to health care.

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

4.1 **recognize** determinants affecting individual behaviors and attitudes, and social dynamics.

4.2 **recognize** basic ethical principles completely, and **distinguish** ethical and legal problems.

4.3 **recognize** regulations concerning national and international health systems.

4.4 **employ** safety, security and confidentiality principles completely for beneficiaries of health care services, companions and visitors, and health care workers.

4.5 **use** medical record and information systems according to regulations and ethical principles.

4.6 **value** informed consent taking in the framework of patients' rights, and **employ** fully.

4.7 **interpret** historical, anthropological and philosophical evolution of medicine, health and disease concepts, and **relate** to current medical practice

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

5.1. **communicate** by using problem solving abilities during all of professional life with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals and organizations.

5.2. **collaborate** with related organizations and institutions, with other professionals and health care workers as a team member through using problem solving abilities.

5.3. **communicate** with all stakeholders with consideration of socio-cultural differences.

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

6.1. **adopt** and **implement** the importance of lifelong self-learning.

6.2. **recognize** importance of updating knowledge and skills; **search** current advancements and improve own knowledge and skills.

6.3. **speak** at least one foreign language at advanced level to follow the international literature and communicate with colleagues.

6.4. **recognize** methods to reach current scientific knowledge, and **use** available technology.

6.5. **recognize** principles of evidence-based medicine, and **implement** in health care services.

6.6. **develop** and **present** research projects.

7) manage own postgraduate career.

7.1. **recognize** and **investigate** postgraduate work domains and job opportunities.

7.2. **determine** postgraduate work domains, job opportunities and requirements for application, **distinguish** and **plan** requirements for further training and work experience.

7.3. **prepare** a resume, and **recognize** job interview methods.

7.4. **recognize** health technologies expected to be implemented in near future and emerging work areas.

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

PHASE IV COORDINATION COMMITTEE
(TEACHING YEAR 2014 – 2015)

Gülçin Kantarcı MD, Prof. (Coordinator)

Müge Bıçakçığıl MD, Assoc. Prof. (Co-coordinator)

Zekeriya Küçükduymaz MD, Assoc. Prof. (Co-coordinator)

Zehra Eren MD, Assoc. Prof. (Co-coordinator)

Defne Çöl MD, Assist. Prof. (Co-coordinator)

YEDİTEPE UNIVERSITY

FACULTY of MEDICINE

PHASE IV

DESCRIPTION OF THE PHASE IV

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

PHASE CONTENT

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

EXECUTIVES OF ACADEMIC YEAR

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

AIM AND OBJECTIVES OF PHASE IV

AIM

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

LEARNING OBJECTIVES OF PHASE IV

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

KNOWLEDGE

1. **explain** clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency
2. **tell** that taking a history based on systems is an important element of diagnosis
3. **count** properties of physical examination based on systems
4. **explain** interventions used for current medical and surgical methods
5. **recognize** basic ethical approaches completely
6. **distinguish** between legal and ethical issues

SKILLS

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

ATTITUDES

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

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ACADEMIC CALENDER 2014 – 2015

| | |
|--|--------------------------------|
| September 08, 2014 (Monday) | Beginning of Phase IV |
| September 29, 2014 (Monday) Time 10:00 | Coordination Committee Meeting |
| October 3-7,2014 (Friday ½ - Tuesday) | Religious Holiday |
| October 28-29, 2014 (Tuesday ½ - Wednesday) | Republic Day- National Holiday |
| November 10, 2014 (Monday, 9.00-12.00) | Commemoration of Atatürk |
| January 01, 2015 (Thursday) | New Year |
| January 05, 2015 Time 10:00 (Monday) | Coordination Committee Meeting |
| March 14, 2015 (Saturday) | Physicians' Day |
| April 23, 2015 (Thursday) | National Holiday |
| April 27, 2015 (Monday) Time 10:00 | Coordination Committee Meeting |
| May 01, 2015 (Friday) | Labor's Day |
| May 19, 2015 (Tuesday) | National Holiday |
| June 12, 2015 (Friday) | End of Phase IV |
| July 01, 2015 (Wednesday) Time 10:00 | Coordination Committee Meeting |
| July 06 – 10, 2015 | Incomplete Examinations |

ACADEMIC SCHEDULE PHASE IV

| A GRUBU | | B GRUBU | |
|--|--|---|--|
| <p>INTERNAL MEDICINE (10 WEEKS) 08.09.2014 -14.11.2014 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL. (H.N.H)+ YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 08.09.2014 -14.11.2014 THEORETICAL: CAMPUS + (DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL .(K.L.K)) PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL.(K.L.K)</p> | |
| <p>CARDIOLOGY (2 WEEKS) 17.11.2014-28.11.2014 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p> | | <p>CLINICAL ETHICS (1 WEEK) 17-21.11.2014 CAMPUS</p> | |
| <p>CHILD HEALTH AND PEDIATRICS (10 WEEKS) 01.12.2014-06.02.2015 THEORETICAL: CAMPUS + (K.L.K) PRACTICAL: DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL (K.L.K)</p> | | <p>PUBLIC HEALTH (1 WEEK) 24-28.11.2014 CAMPUS</p> | |
| <p>INTERNAL MEDICINE (10 WEEKS) 01.12.2014-06.02.2015 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)+ YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>GENERAL SURGERY (6 WEEKS) 09.02.2015-20.03.2015 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)</p> | |
| <p>OBSTETRICS AND GYNECOLOGY (6 WEEKS) 09.02.2015-20.03.2015 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: MINISTRY OF HEALTH İSTANBUL MEDENİYET UNIVERSITY GÖZTEPE TRAINING AND RESEARCH HOSPITAL</p> | | <p>THORACIC SURGERY (1 WEEK) 23-27.03.2015 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p> | |
| <p>PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 23-27.03.2015 YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>CARDIOLOGY (2 WEEKS) 23.03.2015-03.04.2015 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p> | |
| <p>THORACIC SURGERY (1 WEEK) 30.03.2015-03.04.2015 YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>THORACIC SURGERY (1 WEEK) 30.03.2015-03.04.2015 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p> | |
| <p>OBSTETRICS AND GYNECOLOGY (6 WEEKS) 06.04.2015-15.05.2015 PRACTICAL: MINISTRY OF HEALTH İSTANBUL MEDENİYET UNIVERSITY GÖZTEPE TRAINING AND RESEARCH HOSPITAL</p> | | <p>GENERAL SURGERY (6 WEEKS) 06.04.2015-15.05.2015 THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H)</p> | |
| <p>CARDIOVASCULAR SURGERY (2 WEEKS) 18.5.2015-29.05.2015 PRACTICAL:KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL THEORETICAL: YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>THORACIC SURGERY (1 WEEK) 18.5.2015-22.05.2015 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p> | |
| <p>PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 18.5.2015-22.05.2015 YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>THORACIC SURGERY (1 WEEK) 25.05.2015-29.05.2015 SÜREYYAŞA THORACIC DISEASES AND THORACIC SURGERY TRAINING AND RESEARCH HOSPITAL</p> | |
| <p>PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY (1 WEEK) 25.05.2015-29.05.2015 YEDİTEPE UNIVERSITY HOSPITAL</p> | | <p>CLINICAL ETHICS (1 WEEK) 01.06.2015-05.06.2015 CAMPUS</p> | |
| <p>CLINICAL ETHICS (1 WEEK) 01.06.2015-05.06.2015 CAMPUS</p> | | <p>CARDIOVASCULAR SURGERY (2 WEEKS) 01.06.2015-12.06.2015 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p> | |
| <p>PUBLIC HEALTH (1 WEEK) 08.06.2015-12.06.2015 CAMPUS</p> | | <p>CARDIOVASCULAR SURGERY (2 WEEKS) 01.06.2015-12.06.2015 THEORETICAL:YEDİTEPE UNIVERSITY HOSPITAL PRACTICAL: KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</p> | |

06 – 10 JULY 2015 INCOMPLETE EXAMINATIONS

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

| GRUP A | | | |
|---------------|-------------------|----------------|----------------|
| | STUDENT NO | NAME | SURNAME |
| 1 | 20110800030 | MELİS | KETENCİ |
| 2 | 20110800010 | BEDRİYE CANSU | TALAY |
| 3 | 20110800020 | DİLARA | ÖMER |
| 4 | 20110800002 | CANDAN | ALTINDAŞ |
| 5 | 20100800057 | ALP ER TUNGA | BÖLÜKBAŞI |
| 6 | 20100800026 | TUĞBERK | ARSLAN |
| 7 | 20120800078 | MEHMET CAN | ERATA |
| 8 | 20120800080 | FEYZA PELİN | HAKSEVER |
| 9 | 20100800020 | DOĞAN CAN | ÇELİK |
| 10 | 20110800027 | NAZLI DENİZ | DOĞAN |
| 11 | 20100800048 | CANSU | KURT |
| 12 | 20100800068 | MÜRÜVVET GİZEM | KUTLU |
| 13 | 20100800005 | İSMAİL | CEBECİ |
| 14 | 20110800031 | TOLGA | AKYOL |
| 15 | 20110800070 | ALPER YUSUF | MERCAN |
| 16 | 20100800022 | ŞÜKRÜCAN | KOCABAŞ |
| 17 | 20110800042 | KAAN | ŞARKAYA |
| 18 | 20110800006 | ADAM NUR | MOMİN |
| 19 | 20110800071 | USAMA SULEIMAN | NASSOR |
| 20 | 20110800080 | KHALED | MASOUD |
| 21 | 20110800072 | BASİL AMAR | QZAIH |
| 22 | 20100800051 | OZAN | TUZCU |
| 23 | 20110800086 | MUSTAFA FARAH | ABDULLAH |
| 24 | 20100800073 | ANIL | ALTUNKAYA |
| 25 | 20100800055 | KARTAL BUĞRA | ÇELİK |
| 26 | 20100800040 | ADNAN BERKAY | KISAKÜREK |
| 27 | 20100800027 | GÖKBERK | ALKAN |
| 28 | 20100800021 | ÖMER CAN | DOĞRUL |
| 29 | 2011080015 | GÖKÇE MELİS | GİRGİN |
| 30 | 20100800054 | MİRAY | KOÇ |
| 31 | 20100800065 | MERVE | ÖZDOĞAN |
| 32 | 20100800067 | ÖZGE | KESKİN |
| 33 | 20110800083 | RİTA | MUSLEH |
| 34 | 20110800073 | SEDA | AYKANAT |

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| GRUP B | | | |
|---------------|-------------------|--------------|----------------|
| | STUDENT NO | NAME | SURNAME |
| 1 | 20100800012 | ABDULMELİK | BUCAK |
| 2 | 20100800015 | MERT | GÜNDOĞDU |
| 3 | 20110800029 | JNEV | BİROS |
| 4 | 20110800064 | IRMAK | SALT |
| 5 | 20100800058 | ONUR CAN | DEMİR |
| 6 | 20130800085 | MUSTAFA ARDA | ONAR |
| 7 | 270800044 | TUĞÇE | EMİR |
| 8 | 20110800038 | ECE | ARBABI |
| 9 | 20110800040 | GAYE | ŞENSÖZ |
| 10 | 20100800031 | MERYEM GÖKÇE | PEKER |
| 11 | 20110800084 | BİLGE | ÇINAR |
| 12 | 20100800014 | ALPER | HORASAN |
| 13 | 20100800025 | AYŞE BESTE | GÜZEL |
| 14 | 20100800009 | BÜŞRA SERAY | AYHAN |
| 15 | 20100800013 | TUĞÇE | SÖZDUYAR |
| 16 | 20110800055 | MÜGE | SÖNMEZİŞİK |
| 17 | 20110800021 | MELİS | ÖZYAZANLAR |
| 18 | 20100800039 | PELİN | ÖZKAN |
| 19 | 20100800019 | YUSUF | KAVUZLU |
| 20 | 20110800004 | EDİZ EMRE | GÜNDÜZ |
| 21 | 20100800001 | SERKAN | ASLAN |
| 22 | 20110800063 | MERT | YAVUZ |
| 23 | 20100800047 | FURKAN | ERDOĞAN |
| 24 | 20110800085 | AYDA | PARNIANFARD |
| 25 | 20100800036 | KUTAL METE | TEKİN |
| 26 | 20110800058 | ULAŞ | AKTOK |
| 27 | 20120800082 | FULYA | DEMİRCİ |
| 28 | 20100800066 | IŞIN | ERDOĞAN |
| 29 | 20100800029 | CANSU | TURALIOĞLU |
| 30 | 20110800047 | SELEN | TULUNOĞLU |
| 31 | 20120800083 | ÖZGE ŞEYMA | ÖGE |
| 32 | 20110800005 | ECEM | DEĞİRMENCİOĞLU |
| 33 | 20100800016 | EDA | GÜNER |
| 34 | 20100800063 | SÜLEYMAN | ÖZEN |

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FACULTY OF MEDICINE

PHASE IV

STUDENT COUNSELING

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

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

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

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

The expectations from the student are as follows:

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

2014-2015 PHASE IV LIST OF STUDENT COUNSELING

| | NO | NAME | SURNAME | COUNSELOR |
|----|-------------|---------------|----------------|---------------------------------|
| 1 | 20110800086 | MUSTAFA FARAH | ABDULLAH | DOÇ. DR. BAKİ EKÇİ |
| 2 | 20110800058 | ULAŞ | AKTOK | DOÇ. DR. RACİHA BERİL KÜÇÜMEN |
| 3 | 20110800031 | TOLGA | AKYOL | DOÇ. DR. UMUT ASLI DİNÇ |
| 4 | 20100800027 | GÖKBERK | ALKAN | PROF. DR. YAŞAR KÜÇÜKARDALI |
| 5 | 20110800002 | CANDAN | ALTINDAŞ | PROF. DR. YAŞAR KÜÇÜKARDALI |
| 6 | 20100800073 | ANIL | ALTUNKAYA | PROF. DR. YAŞAR KÜÇÜKARDALI |
| 7 | 20110800038 | ECE | ARBABI | DOÇ. DR. HASAN AYDIN |
| 8 | 20100800026 | TUĞBERK | ARSLAN | DOÇ. DR. HASAN AYDIN |
| 9 | 20100800001 | SERKAN | ASLAN | DOÇ. DR. HASAN AYDIN |
| 10 | 20100800009 | BÜŞRA SERAY | AYHAN | YRD. DOÇ. DR. MÜGE BIÇAKCIGİL |
| 11 | 20110800073 | SEDA | AYKANAT | YRD. DOÇ. DR. MÜGE BIÇAKCIGİL |
| 12 | 20110800029 | JNEV | BİROS | YRD. DOÇ. DR. MÜGE BIÇAKCIGİL |
| 13 | 20100800057 | ALP ER TUNGA | BÖLÜKBAŞI | YRD. DOÇ. DR. ZEHRA EREN |
| 14 | 20100800012 | ABDULMELİK | BUCAK | YRD. DOÇ. DR. ZEHRA EREN |
| 15 | 20100800005 | İSMAİL | CEBECİ | YRD. DOÇ. DR. ZEHRA EREN |
| 16 | 20110800084 | BİLGE | ÇINAR | DOÇ. DR. ÜMİT AKYÜZ |
| 17 | 20100800020 | DOĞAN CAN | ÇELİK | DOÇ. DR. ÜMİT AKYÜZ |
| 18 | 20100800055 | KARTAL BUĞRA | ÇELİK | DOÇ. DR. ÜMİT AKYÜZ |
| 19 | 20110800005 | ECEM | DEĞİRMENCİOĞLU | DOÇ. DR. SONER SANIOĞLU |
| 20 | 20100800058 | ONUR CAN | DEMİR | DOÇ. DR. SONER SANIOĞLU |
| 21 | 20120800082 | FULYA | DEMİRCİ | DOÇ. DR. SONER SANIOĞLU |
| 22 | 20110800027 | NAZLİDENİZ | DOĞAN | YRD. DOÇ. DR. OLCAY ÖZVEREN |
| 23 | 20100800021 | ÖMER CAN | DOĞRUL | YRD. DOÇ. DR. OLCAY ÖZVEREN |
| 24 | 270800044 | TUĞÇE | EMİR | PROF. DR. BERRİN AKTEKİN |
| 25 | 20120800078 | MEHMET CAN | ERATA | PROF. DR. BERRİN AKTEKİN |
| 26 | 20100800066 | IŞIN | ERDOĞAN | PROF. DR. BERRİN AKTEKİN |
| 27 | 20100800047 | FURKAN | ERDOĞAN | YRD. DOÇ. DR. BURCU ÖRMECİ |
| 28 | 2011080015 | GÖKÇE MELİS | GİRGİN | YRD. DOÇ. DR. BURCU ÖRMECİ |
| 29 | 20100800015 | MERT | GÜNDOĞDU | YRD. DOÇ. DR. BURCU ÖRMECİ |
| 30 | 20110800004 | EDİZ EMRE | GÜNDÜZ | YRD. DOÇ. DR. NALAN ALAN SELÇUK |
| 31 | 20100800016 | EDA | GÜNER | YRD. DOÇ. DR. NALAN ALAN SELÇUK |
| 32 | 20100800025 | AYŞE BESTE | GÜZEL | YRD. DOÇ. DR. NALAN ALAN SELÇUK |
| 33 | 20120800080 | FEYZA PELİN | HAKSEVER | DOÇ. DR. HAKAN ATALAY |
| 34 | 201008000 | ALPER | HORASAN | DOÇ. DR. HAKAN ATALAY |

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| 35 | 20100800019 | YUSUF | KAVUZLU | DOÇ. DR. HAKAN ATALAY |
| 36 | 20100800067 | ÖZGE | KESKİN | YRD. DOÇ. DR. NAZ BERFU AKBAŞ |
| 37 | 20110800030 | MELİS | KETENCİ | YRD. DOÇ. DR. NAZ BERFU AKBAŞ |
| 38 | 20100800040 | ADNAN BERKAY | KISAKÜREK | YRD. DOÇ. DR. NAZ BERFU AKBAŞ |
| 39 | 20100800022 | ŞÜKRÜCAN | KOCABAŞ | YRD. DOÇ. DR. AYŞEGÜL SARSILMAZ OYGEN |
| 40 | 20100800054 | MİRAY | KOÇ | YRD. DOÇ. DR. AYŞEGÜL SARSILMAZ OYGEN |
| 41 | 20100800048 | CANSU | KURT | YRD. DOÇ. DR. BENĞİ GÜRSES |
| 42 | 20100800068 | MÜRÜVVET GİZEM | KUTLU | YRD. DOÇ. DR. BENĞİ GÜRSES |
| 43 | 20110800080 | KHALED | MASOUD | YRD. DOÇ. DR. BENĞİ GÜRSES |
| 44 | 20110800070 | ALPER YUSUF | MERCAN | YRD. DOÇ. DR. NESLİHAN TAŞDELEN |
| 45 | 20110800006 | ADAM NUR | MOMİN | YRD. DOÇ. DR. NESLİHAN TAŞDELEN |
| 46 | 20110800083 | RİTA | MUSLEH | YRD. DOÇ. DR. NESLİHAN TAŞDELEN |
| 47 | 20110800071 | USAMA SULEIMAN | NASSOR | PROF. DR. SİBEL TEMÜR SARSILMAZ |
| 48 | 20130800085 | MUSTAFA ARDA | ONAR | PROF. DR. SİBEL TEMÜR SARSILMAZ |
| 49 | 20120800083 | ÖZGE ŞEYMA | ÖGE | PROF. DR. SİBEL TEMÜR SARSILMAZ |
| 50 | 20110800020 | DİLARA | ÖMER | PROF. DR. ÖZGE KÖNER |
| 51 | 20100800065 | MERVE | ÖZDOĞAN | PROF. DR. ÖZGE KÖNER |
| 52 | 20100800063 | SÜLEYMAN | ÖZEN | PROF. DR. ÖZGE KÖNER |
| 53 | 20100800039 | PELİN | ÖZKAN | DOÇ. DR. FERDİ MENDA |
| 54 | 20110800021 | MELİS | ÖZYAZANLAR | DOÇ. DR. FERDİ MENDA |
| 55 | 20110800085 | AYDA | PARNIANFARD | DOÇ. DR. FERDİ MENDA |
| 56 | 20100800031 | MERYEM GÖKÇE | PEKER | YRD. DOÇ. DR. SEVGİ BİLGEN |
| 57 | 20110800064 | IRMAK | SALT | YRD. DOÇ. DR. SEVGİ BİLGEN |
| 58 | 20110800055 | MÜGE | SÖNMEZİŞİK | YRD. DOÇ. DR. ÖZGÜL KESKİN |
| 59 | 20100800013 | TUĞÇE | SÖZDUYAR | YRD. DOÇ. DR. ÖZGÜL KESKİN |
| 60 | 20110800042 | KAAN | ŞARKAYA | PROF. DR. UĞUR TÜRE |
| 61 | 20110800040 | GAYE | ŞENSÖZ | PROF. DR. UĞUR TÜRE |
| 62 | 20110800010 | BEDRİYE CANSU | TALAY | PROF. DR. UĞUR TÜRE |
| 63 | 20100800036 | KUTAL METE | TEKİN | PROF. DR. BAŞAR ATALAY |
| 64 | 20110800047 | SELEN | TULUNOĞLU | PROF. DR. BAŞAR ATALAY |
| 65 | 20100800029 | CANSU | TURALIOĞLU | PROF. DR. BAŞAR ATALAY |
| 66 | 20100800051 | OZAN | TUZCU | YRD. DOÇ. DR. HASBEY HAKAN KOYUNCU |
| 67 | 20110800063 | MERT | YAVUZ | DOÇ. DR. GAZİ YILDIRIM |
| 68 | 20110800072 | BASİL AMAR | QZAIH | DOÇ. DR. CAN ÇINAR |

CLERKSHIP PROGRAMS (40 WEEKS)

INTERNAL MEDICINE (10 weeks)

CHILD HEALTH AND PEDIATRICS (10 weeks)

GENERAL SURGERY (6 weeks)

OBSTETRICS AND GYNECOLOGY (6 weeks)

CARDIOLOGY (2 weeks)

CARDIOVASCULAR SURGERY (2 weeks)

THORACIC SURGERY (1 week)

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY (1 week)

CLINICAL ETHICS (1 week)

PUBLIC HEALTH (1 week)

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

PHASE IV

ASSESSMENTS

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

Clerkship Examination :

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

B) Clinical / Practical Assessments and Observation:

- Objective Structured Oral Examination
- Practical Examination
- Clerkship Guide
- Portfolio
- Presentation
- Seminars
- Mini Clinic Examination

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

Figures do not correspond to exact number of questions.

Yeditepe University Faculty of Medicine Exam Rules

- **Seating-** Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.
- **Electronics** – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.
- **Absence** – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.
- **Scratch Paper** – Students are not allowed to bring scratch paper into the exam room.
- **Meaning of Questions** – Students may not consult the supervisor as to the meaning of any question.
- **Sign your sheets** – Students must sign their multiple-choice answer sheets and/or written-answer sheets.
- **Other activities requiring disciplinary action-** Students must not give or receive assistance of any kind during the exam. Gaining access to exam questions before the exam; • Using an unauthorized calculator or other mechanical aid that is not permitted. • Looking in the exam book before the signal to begin is given. • Marking or otherwise writing on the exam book or answer sheet before the signal to begin is given. • Making any changes, additions, deletions or other marking, erasing or writing on the exam book or answer sheet after the time for the exam has expired. • Having access to or consulting notes or books during the exam. • Looking at or copying from another student’s paper. • Enabling another student to copy from one’s paper. • Talking or otherwise communicating with another student during the exam or during the read through period. • Disturbing other students during the exam. • Consulting other persons or resources outside the exam room during the exam. • Copying questions or answers either on paper or with an electronic device to take from the exam room. • Taking an exam book or other exam materials from the exam room. • Taking an exam in place of another student. • Arranging to have another person take an exam for the student. • Threatening or verbally abusing a supervisor or proctor responsible for curbing or reporting improper conduct. • Unprofessional and/or unruly behavior towards any Yeditepe University staff, supervisors, proctors, or volunteers at any time during the exam. • Disclosing the contents of an exam to any other person. • Failing to remain in the exam room for a given period of time by the supervisors or proctors. • Failing to follow other exam instructions.
- Students who assist in or are complicit with cheating could also be in violation of the Policy. Thus, students who become aware of their peers either facilitating academic misconduct or committing it should report their suspicions to exam or test observers for investigation.

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

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV

HOSPITAL ORIENTATION PROGRAM

(The program is held in conference hall in Yeditepe University Hospital on the 20th of September, 2015 Saturday between 12.00-15.00 hours. Each student should attend the orientation program.)

Prof. Dr. Selami Sözübir / 60 min.....Quality Improvement and International Patient Safety

Prof.Dr. Meral Sönmezoğlu / Sevim Şen (Nurse) 30 min.....Infection Control Program

Anıl Sönmez (Pharmacist) 30 min.....Drug Safety

Fadıl Sarıgül 30 min.....Disaster Plan of Yeditepe Hospital

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE PHASE IV

INTERNAL MEDICINE CLERKSHIP

YEDİTEPE UNIVERSITY HOSPITAL Department of Internal Medicine

Head of the Department:

Cengiz Pata, MD. Prof. of Gastroenterology

Gülçin Kantarcı, MD. Prof. of Nephrology

Hasan Atilla Ozkan, MD. Assist. Prof. of Hematology

Muzaffer Değertekin, MD. Prof. of Cardiology

Yaşar Küçükardalı, MD. Prof. of Internal Medicine

Sevda Özdoğan, MD. Prof. of Respiratory System

Başak Oyan Uluç, MD. Prof. of Medical Oncology

Hasan Aydın, MD. Assoc. Prof. of Endocrinology

Ümit Akyüz, MD. Assoc. Prof. of Gastroenterology

Meral Sönmezoğlu, MD. Prof. of Infectious Diseases

Müge Bıçakçıl, MD. Assoc. Prof. of Rheumatology

Zehra Eren, MD. Assoc. Prof. of Nephrology

Olçay Özveren, MD. Assist. Prof. of Cardiology

Zekeriya Küçükdurmaz MD, Assoc Prof of Cardiology

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

Chief of the Department of Internal Medicine: Refik Demirtunç, MD Assoc. Prof.

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| CLERKSHIP | INTERNAL MEDICINE <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 1. to remind necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions, 2. at multi-system level or related to a body system, for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency <ol style="list-style-type: none"> 2.1. to remind necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology, 2.2. to remind knowledge on epidemiology, 2.3. to remind knowledge on frequently encountered clinical complaints, symptoms, signs and findings, 3. to remind necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of primary health care service, 4. to remind knowledge on pharmacology of drugs that are effective at multi-system level, specifically on a body system or on clinical conditions involving a specific body system, 5. equip students with necessary knowledge, skills and attitudes required for an appropriate approach to healthy and sick adults, 6. convey necessary knowledge on preventive healthcare measures, 7. equip students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults, 8. equip students with necessary knowledge, skills and attitudes required to perform primary care prophylaxis and treatment, 9. equip students with necessary knowledge, skills and attitudes to refer patient to advanced healthcare units upon indication. |
| LEARNING OBJECTIVES <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | <ol style="list-style-type: none"> 1.0. recall necessary knowledge, related to body systems, on prevention of clinical conditions' emergence, protection and improvement of health in healthy conditions, 2.0. at multi-system level or related to a body system, for clinical conditions which are frequent in community and/or pose high risk for individual or community health, and/or life-threatening or constitute an emergency <ol style="list-style-type: none"> 2.1. recall necessary knowledge on risk factors, etiopathogenesis, physiopathology, and pathology, 2.2. recall knowledge on epidemiology, 2.3. recall knowledge on frequently encountered clinical complaints, symptoms, signs and findings, 2.4. recall necessary knowledge on health care processes, clinical decision making process, clinical decisions and clinical practices, with performance measures, for managing at the level of primary health care service, 2.5. recall knowledge on pharmacology of drugs that are effective at multi- |

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| | system level, specifically on a body system or on clinical conditions involving a specific body system, |
| SKILLS | 3.0. do detailed questioning intended to explicate reasons of complaints |
| | 4.0. make physical examination including all organ systems |
| | 5.0. use diagnostic methods (<i>laboratory and imaging techniques, other invasive or non-invasive methods</i>) correctly and cost-efficiently |
| | 6.0. perform minor medical interventions and applications (<i>blood collection, i.v. or i.m. injection, catheterization, capillary blood glucose testing, ECG, etc.</i>) |
| ATTITUDES | 7.0 show behaviours and attitudes appropriate for physician |
| | 8.0 prefer evaluation of patient not only for major complaint but also as a whole |
| | 9.0 prefer detailed physical examination to search for main reason of illness |
| | 10.1 value importance of differential diagnosis based on frequencies and risks of illnesses |
| | 10.2. value using laboratory and clinical evaluations correctly and cost-efficiently |
| | 11.0 order consultation when needed or mandatory |
| | 12.1. organize appropriate interventions at primary care level, according to evidence based medical practices |
| | 12.2. refer patient to appropriate center upon indication |
| COMPETENCIES | 13.0. take detailed and relevant history of adult patient by good communication techniques |
| | 14.0. perform complete physical examination that includes all of organ systems |
| | 15.1. order probable diagnoses |
| | 15.2. make differential diagnosis |
| | 16.0. assess results of laboratory or imaging tests (<i>laboratory and imaging techniques, other invasive or non-invasive methods</i>) |
| | 17.0. assess diagnosis, differential diagnosis and emergency treatment requirements and methods |
| | 18.1. distinguish emergency conditions |
| | 18.2. give emergency treatment |
| | 19.0. inform patients and patient's relatives on legal responsibility to take informed consent |
| | 20.0. request consultation upon indication |
| 21.0. apply evidence based medicine in internal medicine | |

INTERNAL MEDICINE

(10 weeks)

08.09.2014 - 14.11.2014

(GROUP A)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF INTERNAL MEDICINE
GROUP A (08.09.2014 - 14.11.2014)**

| Date /Day | Time | Subject | Lecturer |
|--------------------------------|--------------------|---|------------------------|
| 08.09.2014 Monday | 13:30-13.40 | Introductory course | Müge Bıçakçığıl |
| | 13:40-14:20 | Taking history | Cengiz Pata |
| | 14:30-15:20 | Examination of head and neck | Yaşar Küçükardalı |
| 09.09.2014 Tuesday | 13:30-14:20 | Examination of respiratory system | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Examination of the abdomen | Ümit Akyüz |
| 10.09.2014 Wednesday | 13:30-14:20 | Examination Of Extremities | Müge Bıçakçığıl |
| | 14:30-15:20 | Examination Of Extremities | Müge Bıçakçığıl |
| 11.09.2014 Thursday | 13:30-14:20 | Asthma | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Chronic obstructive lung disease and corpulmonale | Emine Sevda Ozdoğan |
| 12.09.2014 Friday | 13:30-14:20 | Genitourinary tract infections | Meral Sönmez |
| | 14:30-15:20 | Fever of unknown origin | Meral Sönmez |
| 15.09.2014 Monday | 13:30-14:20 | Pneumonia | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Tuberculosis | Emine Sevda Ozdoğan |
| 16.09.2014 Tuesday | 13:30-14:20 | Approach to the patient with hypertensive disorders | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with electrolyte disorders | Zehra Eren |
| | 15.30-16.20 | Approach to the patient with electrolyte disorders | Zehra Eren |
| 17.09.2014 Wednesday | 13:30-14:20 | Hypertensive and ischemic nephropathies, renal, renovascular diseases | Zehra Eren |
| | 14:30-15:20 | Hypertensive disorders in pregnancy | Zehra Eren |
| 18.09.2014 Thursday | 13:30-14:20 | Hyperthyroidism | Hasan Aydın |
| | 14:30-15:20 | Hypothyroidism | Hasan Aydın |
| 19.09.2014 Friday | 13:30-14:20 | Acute respiratory distress syndrome | Yaşar Küçükardalı |
| | 14:30-15:20 | Approach to the patient with chronic arthritis | Müge Bıçakçığıl |
| 22.09.2014 Monday | 13:30-14:20 | Pulmonary thromboembolism | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Disorders of pleura, mediastinum, diaphragm | Emine Sevda Ozdoğan |
| 23.09.2014 Tuesday | 13:30-14:20 | Goiter and thyroid cancer | Hasan Aydın |
| | 14:30-15:20 | Environmental lung diseases | Emine Sevda Ozdoğan |
| 24.09.2014 Wednesday | 13:30-14:20 | Approach to the patients with anemia | Hasan Atilla Özkan |
| 25.09.2014 Thursday | 14:30-15:20 | Approach to the patients with increased blood counts | Hasan Atilla Özkan |
| | 13:30-14:20 | Approach to the patient with vasculitis | Müge Bıçakçığıl |
| | 14:30-15:20 | Approach to abdominal pain | Yaşar Küçükardalı |
| | 15.30-16.20 | Non-Cardiac Causes of Chest Pain | Yaşar Küçükardalı |
| 26.09.2014 Friday | 13:30-14:20 | Management of hyperlipidemia | Yaşar Küçükardalı |
| | 14:30-15:20 | Approach to the patient with acute arthritis (mono-oligo and polyarthritis) | Müge Bıçakçığıl |

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| 29.09.2014 Monday | 13:30-14:20 | Approach to the patient with glomerular diseases | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with glomerular diseases | Gülçin Kantarcı |
| 30.09.2014 Tuesday | 13:30-14:20 | Approach to the patient with dyspepsia | Cengiz Pata |
| | 14:30-15:20 | Diarrhea | Ümit Akyüz |
| 01.10.2014 Wednesday | 13:30-14:20 | Foreign body of GIS | Ümit Akyüz |
| | 14:30-15:20 | Ascites | Cengiz Pata |
| 02.10.2014 Thursday | 13:30-14:20 | Liver Enzyme Disorder | Cengiz Pata |
| | 14:30-15:20 | Chronic Hepatitis | Cengiz Pata |
| 03 - 07.10.2014 | | Religious Holiday | |
| 08.10.2014 Wednesday | 13:30-14:20 | Cirrhosis and Hepatic Coma | Cengiz Pata |
| | 14:30-15:20 | Constipation | Cengiz Pata |
| 09.10.2014 Thursday | 13:30-14:20 | Dysphagia | Ümit Akyüz |
| | 14:30-15:20 | Gastrointestinal bleeding | Ümit Akyüz |
| 10.10.2014 Friday | 13:30-14:20 | Approach to the patient with acid-base disorders | Zehra Eren |
| | 14:30-15:20 | Approach to the patient with acid-base disorders | Zehra Eren |
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| 13.10.2014 Monday | 13:30-14:20 | Approach to the patient with connective tissue diseases | Müge Bıçakçığıl |
| | 14:30-15:20 | Drug interaction | Yaşar Küçükardalı |
| 14.10.2014 Tuesday | 13:30-14:20 | Acute complications of diabetes mellitus | Hasan Aydın |
| | 14:30-15:20 | Chronic complications of diabetes mellitus | Hasan Aydın |
| 15.10.2014 Wednesday | 13:30-14:20 | Treatment of diabetes mellitus | Hasan Aydın |
| | 14:30-15:20 | Splenomegaly and lymphadenopathies | Hasan Atilla Özkan |
| 16.10.2014 Thursday | 13:30-14:20 | Sepsis and septic shock | Yaşar Küçükardalı |
| | 14:30-15:20 | Therapeutic approach to AIDS and related opportunistic disorders | Meral Sönmez |
| 17.10.2014 Friday | 13:30-14:20 | Approach to the patient with acute kidney injury | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with acute kidney injury | Gülçin Kantarcı |
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| 20.10.2014 Monday | 13:30-14:20 | Infectious diseases emergencies | Meral Sönmez |
| | 14:30-15:20 | Infectious diseases emergencies | Meral Sönmez |
| 21.10.2014 Tuesday | 13:30-14:20 | Hypoparathyroidism | Hasan Aydın |
| | 14:30-15:20 | Hyperparathyroidism | Hasan Aydın |
| 22.10.2014 Wednesday | 13:30-14:20 | Introduction to clinical oncology | Başak Oyan Uluç |
| | 14:30-15:20 | Screening and early diagnosis in oncology | Başak Oyan Uluç |
| 23.10.2014 Thursday | 13:30-14:20 | Approach to the patient with chronic kidney disease | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with chronic kidney disease | Gülçin Kantarcı |
| 24.10.2014 Friday | 13:30-14:20 | Metabolic syndrome | Hasan Aydın |
| | 14:30-15:20 | Endocrine hypertension | Hasan Aydın |
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| 27.10.2014 Monday | 13:30-14:20 | Cushing's syndrome | Hasan Aydın |
| | 14:30-15:20 | Oncologic emergencies | Özlem Sönmez |
| 28-29.10.2014 | | National Holiday | |
| 30.10.2014 Thursday | 13:30-14:20 | Approach to elderly patients | Yaşar Küçükardalı |
| | 14:30-15:20 | Approach to elderly patients | Yaşar Küçükardalı |
| | 15:30-16:20 | Hospital Infections | Meral Sönmezoğlu |
| 31.10.2014 Friday | 13:30-14:20 | Colorectal cancer | Özlem Sönmez |
| | 14:30-15:20 | Principles of chemotherapy and complications | Özlem Sönmez |
| | 15.30-16.20 | Management of cancer pain | Başak Oyan Uluç |
| | | | |
| 03.11.2014 Monday | 13:30-14:20 | Approach to the patients with lymphoproliferative disorders | Hasan Atilla Özkan |
| | 14:30-15:20 | Approach ach to the patient with hemoragic diathesis | Hasan Atilla Özkan |
| 04.11..2014 Tuesday | 13:30-14:20 | Adrenal insufficiency | Hasan Aydın |
| | 14:30-15:20 | Stem cell transplantation | Hasan Atilla Özkan |
| 05.10.2014 Wednesday | 13:30-14:20 | Approach to the patients with cytopenia | Hasan Atilla Özkan |
| | 14:30-15:20 | Daignosis and management of hypercoagulopathy | Hasan Atilla Özkan |
| 06.11.2014 Thursday | 13:30-14:20 | Lung cancer | Başak Oyan Uluç |
| | 14:30-15:20 | Breast cancer | Başak Oyan Uluç |
| | 15.30-16.20 | Metabolic bone disease | Hasan Aydın |
| 07.11.2014 Friday | 13:30-14:20 | Transfusion indications and reactions | Meral Sönmezoğlu |
| | 14:30-15:20 | Cardiopulmonary resuscitation | Yaşar Küçükardalı |
| | | | |
| 10.11.2014 Monday | 9:00-10:00 | Commemoration of Atatürk | |
| 11.11.2014 Tuesday | | Independent Study Hours | |
| 12.11.2014 Wednesday | | Written Exam | |
| 14.11.2014 Friday | | Final Exam Discussion of the exam questions | |

INTERNAL MEDICINE

01.12.2014 - 06.02.2015

(10 weeks)

(B)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF INTERNAL MEDICINE
GROUP B (01.12.2014 - 06.02.2015)**

| Date / Day | Time | Subject | Lecturer |
|-------------------------|--------------------|--|------------------------|
| 1,12,2014 Monday | 13:30-13.40 | Introductory course | Müge Bıçakçığıl |
| 1,12,2014 Monday | 13:40-14:20 | Taking history | Cengiz Pata |
| 1,12,2014 Monday | 14:30-15:20 | Examination of head and neck | Yaşar Küçükardalı |
| 2,12,2014 Tuesday | 13:30-14:20 | Examination of respiratory system | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Examination of the abdomen | Ümit Akyüz |
| 3,12,2014 Wednesday | 13:30-14:20 | Examination of Extremities | Müge Bıçakçığıl |
| | 14:30-15:20 | Examination of Extremities | Müge Bıçakçığıl |
| 4.12/2014 Thursday | 13:30-14:20 | Asthma | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Chronic obstructive lung disease and corpulmonale | Emine Sevda Ozdoğan |
| 5.12/2014 Friday | 13:30-14:20 | Genitourinary tract infections | Meral Sönmez |
| | 14:30-15:20 | Fever of unknown origin | Meral Sönmez |
| 8.12/2014 Monday | 13:30-14:20 | Pneumonia | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Tuberculosis | Emine Sevda Ozdoğan |
| 9.12/2014 Tuesday | 13:30-14:20 | Approach to the patient with hypertensive disorders | Gülçin Kantarcı |
| 9.12/2014 Tuesday | 14:30-15:20 | Approach to the patient with electrolyte disorders | Zehra Eren |
| | 15.30-16.20 | Approach to the patient with electrolyte disorders | Zehra Eren |
| 10.12/2014 Wednesday | 13:30-14:20 | Hypertensive and ischemic nephropathies, renal, renovascular diseases, | Zehra Eren |
| 10.12/2014 Wednesday | 14:30-15:20 | Hypertensive disorders in pregnancy | Zehra Eren |
| 11.12/2014 Thursday | 13:30-14:20 | Hyperthyroidism | Hasan Aydın |
| 11.12/2014 Thursday | 14:30-15:20 | Hypothyroidism | Hasan Aydın |
| 12.12.2014 Friday | 13:30-14:20 | Acute respiratory distress syndrome | Yaşar Küçükardalı |
| 12.12.2014 Friday | 14:30-15:20 | Approach to the patient with chronic arthritis | Müge Bıçakçığıl |

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|-------------------------|-------------|---|---------------------|
| 15.12/2014 Monday | 13:30-14:20 | Pulmonary thromboembolism | Emine Sevda Ozdoğan |
| | 14:30-15:20 | Disorders of pleura, mediastinum, diaphragm | Emine Sevda Ozdoğan |
| 16.12/2014 Tuesday | 13:30-14:20 | Goiter and thyroid cancer | Hasan Aydın |
| | 14:30-15:20 | Environmental lung diseases | Emine Sevda Ozdoğan |
| 17.12/2014 Wednesday | 13:30-14:20 | Approach to the patients with anemia | Hasan Atilla Özkan |
| | 14:30-15:20 | Approach to the patients with increased blood counts | Hasan Atilla Özkan |
| 18.12/2014 Thursday | 13:30-14:20 | Approach to the patient with vasculitis | Müge Bıçakçığıl |
| | 14:30-15:20 | Approach to abdominal pain | Yaşar Küçükardalı |
| | 15.30-16.20 | Non-Cardiac Causes of Chest Pain | Yaşar Küçükardalı |
| 19.12/2014 Friday | 13:30-14:20 | Management of hyperlipidemia | Yaşar Küçükardalı |
| | 14:30-15:20 | Approach to the patient with acute arthritis (mono-oligo and polyarthritis) | Müge Bıçakçığıl |
| | | | |
| 22.12/2014 Monday | 13:30-14:20 | Approach to the patient with glomerular diseases | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with glomerular diseases | Gülçin Kantarcı |
| 23.12/2014 Tuesday | 13:30-14:20 | Approach to the patient with dyspepsia | Cengiz Pata |
| | 14:30-15:20 | Diarrhea | Ümit Akyüz |
| 24.12/2014 Wednesday | 13:30-14:20 | Foreign body of GIS | Ümit Akyüz |
| | 14:30-15:20 | Ascites | Cengiz Pata |
| 25.12/2014 Thursday | 13:30-14:20 | Liver Enzyme Disorder | Cengiz Pata |
| | 14:30-15:20 | Chronic Hepatitis | Cengiz Pata |
| 26.12/2014 Friday | 13:30-14:20 | Cirrhosis and Hepatic Coma | Cengiz Pata |
| | 14:30-15:20 | Constipation | Cengiz Pata |
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| 29.12/2014 Monday | 13:30-14:20 | Dysphagia | Ümit Akyüz |
| | 14:30-15:20 | Gastrointestinal bleeding | Ümit Akyüz |
| 30.12/2014 Tuesday | 13:30-14:20 | Approach to the patient with acid-base disorders | Zehra Eren |
| | 14:30-15:20 | Approach to the patient with acid-base disorders | Zehra Eren |
| 31.12/2014 | | NEW YEAR | |
| | | | |
| 5.1/2015 Monday | 13:30-14:20 | Approach to the patient with connective tissue diseases | Müge Bıçakçığıl |
| | 14:30-15:20 | Drug interaction | Yaşar Küçükardalı |
| 6.1/2015 Tuesday | 13:30-14:20 | Acute complications of diabetes mellitus | Hasan Aydın |
| | 14:30-15:20 | Chronic complications of diabetes mellitus | Hasan Aydın |
| 7.1/2015 Wednesday | 13:30-14:20 | Treatment of diabetes mellitus | Hasan Aydın |
| | 14:30-15:20 | Splenomegaly and lymphadenopathies | Hasan Atilla Özkan |
| 8.1/2015 Thursday | 13:30-14:20 | Sepsis ve septic shock | Yaşar Küçükardalı |
| | 14:30-15:20 | Therapeutic approach to AIDS and related opportunistic disorders | Meral Sönmez |
| 9.1/2015 Friday | 13:30-14:20 | Approach to the patient with acute kidney injury | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with acute kidney injury | Gülçin Kantarcı |
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| 12.1/2015 Monday | 13:30-14:20 | Infectious diseases emergencies | Meral Sönmez |
| | 14:30-15:20 | Infectious diseases emergencies | Meral Sönmez |
| 13.1/2015 Tuesday | 13:30-14:20 | Hypoparathyroidism | Hasan Aydın |
| | 14:30-15:20 | Hyperparathyroidism | Hasan Aydın |
| 14.1.2015 Wednesday | 13:30-14:20 | Introduction to clinical oncology | Başak Oyan Uluç |
| | 14:30-15:20 | Screening and early diagnosis in oncology | Başak Oyan Uluç |
| 15.1/2015 Thursday | 13:30-14:20 | Approach to the patient with chronic kidney disease | Gülçin Kantarcı |
| | 14:30-15:20 | Approach to the patient with chronic kidney disease | Gülçin Kantarcı |
| 16.1/2015 Friday | 13:30-14:20 | Metabolic syndrome | Hasan Aydın |
| | 14:30-15:20 | Endocrine hypertension | Hasan Aydın |
| | | | |
| 19.1/2015 Monday | 13:30-14:20 | Cushing's syndrome | Hasan Aydın |
| | 14:30-15:20 | Oncologic emergencies | Özlem Sönmez |
| 20.1/2015 Tuesday | 13:30-14:20 | Approach to elderly patients | Yaşar Küçükardalı |
| | 14:30-15:20 | Approach to elderly patients | Yaşar Küçükardalı |
| | 15:30-16:20 | Hospital Infections | Meral Sönmezoğlu |
| 21.1/2015 Wednesday | 13:30-14:20 | Colorectal cancer | Özlem Sönmez |
| | 14:30-15:20 | Principles of chemotherapy and complications | Özlem Sönmez |
| | 15.30-16.20 | Management of cancer pain | Başak Oyan Uluç |
| 22.1/2015 Thursday | 13:30-14:20 | Approach to the patients with lymphoproliferative disorders | Hasan Atilla Özkan |
| | 14:30-15:20 | Approach ach to the patient with hemoragic diathesis | Hasan Atilla Özkan |
| 23.1/2015 Friday | 13:30-14:20 | Adrenal insufficiency | Hasan Aydın |
| | 14:30-15:20 | Stem cell transplantation | Hasan Atilla Özkan |
| | | | |
| 26/1/2015 Monday | 13:30-14:20 | Approach to the patients with cytopenia | Hasan Atilla Özkan |
| | 14:30-15:20 | Diagnosis and management of hypercoagulopathy | Hasan Atilla Özkan |
| 27.1/2015 Tuesday | 13:30-14:20 | Lung cancer | Başak Oyan Uluç |
| | 14:30-15:20 | Breast cancer | Başak Oyan Uluç |
| | 15.30-16.20 | Metabolic bone disease | Hasan Aydın |
| 28.1/2015 Wednesday | 13:30-14:20 | Transfusion indications and reactions | Meral Sönmezoğlu |
| | 14:30-15:20 | Cardiopulmonary resuscitation | Yaşar Küçükardalı |
| 29.1/2015 | | Independent Study Hours | |
| 30.1/2015 | | Independent Study Hours | |
| 4.2/2015 | | Written Exam | |
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| 6.2/2015 | | Final Exam | |
| 6.2/2015 | | Discussion of the exam questions | |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CHILD HEALTH and PEDIATRICS
YEDİTEPE UNIVERSITY HOSPITAL**

A. Ayça Vitrinel, MD. Prof.

Mehmet Reha Cengizlier, MD. Prof. of Pediatric Allergy

Filiz Bakar, MD. Prof. of Neonatology

Suat Biçer, MD. Assoc. Prof.

**Meltem Uğraş, MD. Assoc. Prof. of Gastroenterology,
Hepatology and Nutrition**

Gülay Çiler Erdağ, MD. Assist. Prof.

Öznur Küçük, MD. Assist. Prof.

Tuba Giray, MD. Lecturer

Defne Çöl, MD. Lecturer

&

DR. LÜTFİ KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

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

| CLERKSHIP | <p style="text-align: center;">PEDIATRICS</p> <p style="text-align: center;"><i>Aim of this clerkship is to;</i></p> |
|--|--|
| AIM | <ol style="list-style-type: none"> 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 |
| <p>LEARNING OBJECTIVES</p> <p><i>At the end of this clerkship, student should be able to:</i></p> | |
| SKILLS | <ol style="list-style-type: none"> 1.0. take detailed, relevant history of child and his/her family, 2.0. perform detailed physical examination of child and neonate, considering special features related to age of patient, 3.0. assess physical-motor-mental development of healthy child, 4.0. assess anthropometric evaluation in proper techniques, including percentile charts, 1.1. perform intravenous/intramuscular/subcutaneous injections, 1.2. collect venous blood sample, 1.3. vaccinate children, 7.0. supply basic life support to neonates and children, 8.0. collect pharyngeal swab, fecal and urine cultures, 9.0 evaluate results of <ol style="list-style-type: none"> 9.1 peripheral blood smear, 9.2 urine test and sediment 9.3 arterial blood gas 9.4 complete blood count 9.5 pediatric ECG 9.6 serum electrolytes, renal function tests, hepatic function tests and thyroid function tests 9.7 chest X-rays |

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| | <p>10.0 care umbilicus in newborn</p> |
| | <p>11.0 perform and evaluate results of</p> <ul style="list-style-type: none"> 11.1 lumbar puncture, 11.2 cerebrospinal fluid analysis, 11.3 otoscopy and ophthalmoscopy, 11.4 occult blood test in stool, 11.5 microscopic examination of stool, 11.6 urethral catheter insertion, 11.7 nasogastric catheter insertion, 11.8 thoracentesis, 11.9 nebulizer use for patient, 11.10 pulse oximetry, 11.11 cardiac monitoring and ECG, 11.12 measurement of blood glucose with a glucometer, 11.13 application and follow up of phototherapy, 11.14 pedigree construction |
| | <p>12.0 observe and explain</p> <ul style="list-style-type: none"> 12.1 bone marrow aspiration, 12.2 paracentesis, 12.3 exchange transfusion, 12.4 pulmonary function tests, 12.5 intraarticular intervention 12.6 liver, renal and rectal biopsies, 12.7 diagnostic and therapeutic endoscopy, 12.8 echocardiography, 12.9 cardiac catheterization, 12.10 application of prick test 12.11 endocrinological provocation and inhibition tests, 12.12 nasal smear, 12.13. 24 hour pH monitoring and reflux tests, |

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| | 12.14. gastrointestinal motility, |
| ATTITUDES | <p>13.0 assimilate principles of</p> <p>13.1 respecting patient rights and establishing well-balanced relations with patients' relatives,</p> <p>13.2 maintaining good relations with colleagues and teaching staff, and being analytical and research orientated,</p> <p>13.3 maintaining good relations with health staff,</p> <p>13.4 asking for consultation,</p> <p>13.5 using written and on-line sources correctly,</p> <p>13.6 giving clear and concise information about patient's condition to patient and family,</p> <p>13.7 obeying infection control regulations when working in ward and outpatient clinics</p> |

CHILD HEALTH AND PEDIATRICS

(10 weeks)

08.09.2014 - 14.10.2014

(B)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF CHILD HEALTH AND PEDIATRICS
GROUP B (08.09.2014 - 14.10.2014)**

| Date /Day | Time | Subject | Lecturer |
|-------------------|-------------|---|-------------------|
| 08.09.2014 | 09:00-12:00 | Introduction to Pediatrics , history taking and physical examination | A.Vitrinel |
| | 13:00-13:50 | Respiratory system examination | R.Cengizlier |
| | 14:00-14:50 | Neurological examination | A.Vitrinel |
| | 15:00-15:50 | Gastrointestinal and genitourinary system examination | M. Uğraş |
| 09.09.2014 | 13:00-13:50 | Electrocardiographic principles | G.Ç. Erdağ |
| | 14:00-14:50 | Cardiovascular system examination | G.Ç. Erdağ |
| 10.09.2014 | 13:00-13:50 | Newborn examination | F. Bakar |
| | 14:00-14:50 | Prematurity, postmaturity | F. Bakar |
| | 15:00-15:50 | Perinatal asphyxia and neonatal resuscitation | F. Bakar |
| 11.09.2014 | 13:00-13:50 | Nutrition | M. Uğraş |
| | 14:00-14:50 | Nutrition | M. Uğraş |
| | 15:00-15:50 | Intrauterin infections | T. Giray |
| 12.09.2014 | 09:00-09:50 | Basic principles and practice of clinical biochemistry | S. Öztezcan |
| | 10:00-10:50 | Liver function and enzymes | J. Coban |
| | 11:00-11:50 | Growth and development | A. Vitrinel |
| | 12:00-12:50 | Growth retardation | A. Vitrinel |
| 15.09.2014 | 13:00-13:50 | Approach to the child with fever | S. Biçer |
| | 14:00-14:50 | Congenital heart disease | D. Çöl |
| | 15:00-15:50 | Congestive heart failure | D. Çöl |
| 16.09.2014 | 13:00-13:50 | Malnutrition | A.Vitrinel |
| | 14:00-14:50 | Cerebral palsy | A.Vitrinel |
| | 15:00-15:50 | Sepsis and meningococemia | S. Biçer |
| 17.09.2014 | 13:00-13:50 | Vitamin deficiencies | Y. Akın |
| | 14:00-14:50 | Rickets | Y. Akın |
| 18.09.2014 | 13:00-13:50 | Fluid and electrolyte disorders-1 | S.Biçer |
| | 14:00-14:50 | Fluid and electrolyte disorders-2 | S.Biçer |
| | 15:00-15:50 | Acid-base disorders | S.Biçer |
| 19.09.2014 | 09:00-09:50 | Carbohydrates and diabetes mellitus | S. Öztezcan |
| | 10:00-10:50 | Lipids and cardiac markers | S. Öztezcan |
| | 11:00-11:50 | Obesity | G.Ç. Erdağ |
| | 12:00-12:50 | Adrenal hypofunction | G.Ç. Erdağ |
| 22.09.2014 | 13:00-13:50 | Immunization principles | A. Vitrinel |
| | 14:00-14:50 | Vaccination | A. Vitrinel |
| 23.09.2014 | 13:00-13:50 | Malabsorption | M. Uğraş |
| | 14:00-14:50 | Constipation | M. Uğraş |
| 24.09.2014 | 13:00-13:50 | Introduction to anemia, iron deficiency anemia | A.Vitrinel |
| | 14:00-14:50 | Non-hemolytic anemias | A.Vitrinel |
| 25.09.2014 | 13:00-13:50 | Hemolytic anemias | R. Cengizlier |
| | 14:00-14:50 | Hemolytic anemias | R. Cengizlier |
| 26.09.2014 | 09:00-09:50 | Urinalysis and other body fluids | J. Coban |
| | 10:00-10:50 | Renal function, electrolytes and acid-base balance | J. Coban |
| | 11:00-11:50 | Hypertension | G.Ç. Erdağ |
| | 12:00-12:50 | Puberty and pubertal disorders | G.Ç. Erdağ |

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| 29.09.2014 | 13:00-13:50 | Disorders of coagulation | D. Çöl |
| | 14:00-14:50 | Disorders of coagulation | D. Çöl |
| 30.09.2014 | 13:00-13:50 | Tubulopathies | Ö. Küçük |
| | 14:00-14:50 | Calcium metabolism hyperparatiroidism, hypoparatiroidism | Ö. Küçük |
| | 15:00-15:50 | Urinary tract infections | G.Ç. Erdağ |
| 01.10.2014 | 13:00-13:50 | Acute glomerulonephritis | T. Giray |
| | 14:00-14:50 | Nephrotic syndrome | T. Giray |
| 02.10.2014 | 13:00-13:50 | Acute renal failure | Ö. Küçük |
| | 14:00-14:50 | Chronic renal failure | T. Giray |
| 03-07.10.2014 | | Religious Holiday | |
| 08.10.2014 | 13:00-13:50 | Thyroid disorders and congenital hypothyroidism | F.Bakar |
| | 14:00-14:50 | Neonatal infections | F.Bakar |
| 09.10.2014 | 13:00-13:50 | Neonatal hyperbilirubinemia | F.Bakar |
| | 14:00-14:50 | Respiratory distress syndrome | F.Bakar |
| 10.10.2014 | 09:00-09:50 | Hematology and coagulation | J.Coban |
| | 10:00-10:50 | Evaluation of endocrine function | S. Öztezcan |
| | 11:00-11:50 | Upper respiratory tract infection | R. Cengizlier |
| | 12:00-12:50 | Lower respiratory tract infection | R. Cengizlier |
| 13.10.2014 | 13:00-13:50 | Thrombosis+ DIC | Ö. Küçük |
| | 14:00-14:50 | Stroke | A.Vitrinel |
| | 15:00-15:50 | Coma | S. Biçer |
| 14.10.2014 | 13:00-13:50 | Hepatitis | M. Uğraş |
| | 14:00-14:50 | Hepatitis | M. Uğraş |
| 15.10.2014 | 13:00-13:50 | Acute gastroenteritis | Ö. Küçük |
| | 14:00-14:50 | Inborn errors of metabolism | Ö. Küçük |
| 16.10.2014 | 13:00-13:50 | Diabetes mellitus | G.Ç. Erdağ |
| | 14:00-14:50 | Diabetes mellitus | G.Ç. Erdağ |
| | 15:00-15:50 | Hypophyseal diseases (Cushing syndrome, diabetes insipidus, hyperthyroidism) | G.Ç. Erdağ |
| 17.10.2014 | 09:00-09:50 | Specific proteins and tumor markers | J. Coban |
| | 10:00-10:50 | Blood gases, vitamins and trace elements | S. Öztezcan |
| | 11:00-11:50 | Immunological tests and principles | G.Y. Demirel |
| | 12:00-12:50 | Neuroimmunology | G.Y. Demirel |
| 20.10.2014 | 13:00-13:50 | Genetic diseases in Pediatrics | A. Kuşkucu |
| | 14:00-14:50 | Genetic diseases in Pediatrics | A. Kuşkucu |
| 21.10.2014 | 13:00-13:50 | GIS bleeding | M. Uğraş |
| | 14:00-14:50 | Connective tissue diseases | T. Giray |
| | 15:00-15:50 | Vasculitic syndromes | T. Giray |
| 22.10.2014 | 13:00-13:50 | Maculopapular-vesicular diseases | A.Vitrinel |
| | 14:00-14:50 | Tetanus, diphtheria, mumps | A.Vitrinel |
| 23.10.2013 | 13:00-13:50 | Shock | S. Biçer |
| | 14:00-14:50 | Fever of unknown origin | Ö. Küçük |
| | 15:00-15:50 | Parasitosis | Ö. Küçük |
| 24.10.2013 | 09:00-09:50 | Diagnostic tests in immune deficiencies | G.Y. Demirel |
| | 10:00-10:50 | Immunology of transplantation | G.Y. Demirel |
| | 11:00-11:50 | Infective endocarditis | D. Çöl |
| | 12:00-12:50 | Diseases of myocardium and pericardium | D. Çöl |
| 27.10.2013 | 13:00-13:50 | Abdominal pain and peptic diseases,H. pylori infection | M. Uğraş |
| | 14:00-14:50 | Inflammatory bowel diseases | M. Uğraş |
| 28-29.10.2014 | | National Holiday | |
| 30.10.2013 | 13:00-13:50 | Asthma | R. Cengizlier |
| | 14:00-14:50 | Wheezy infant | R. Cengizlier |

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| 31.10.2013 | 09:00-09:50 | Cancer immunology | G.Y. Demirel |
| | 10:00-10:50 | Autoimmunity and diagnostic tests | G.Y. Demirel |
| | 11:00-11:50 | Acute rheumatic fever | A. Vitrinel |
| | 12:00-12:50 | Viral paralytic diseases | A. Vitrinel |
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| 03.11.2014 | 13:00-13:50 | Approach to the patient with convulsion | S. Biçer |
| | 14:00-14:50 | Intoxication | S. Biçer |
| 04.11.2014 | 13:00-13:50 | Hematological and metabolic disorders in newborn | F. Bakar |
| | 14:00-14:50 | Neonatal convulsions | F. Bakar |
| 05.11.2014 | 13:00-13:50 | Introduction to pediatric oncology | R. Cengizlier |
| | 14:00-14:50 | Malignancy in childhood | R. Cengizlier |
| 06.11.2014 | 13:00-13:50 | Cirrhosis, portal hypertension | M. Uğraş |
| | 14:00-14:50 | Infections of CNS | T. Giray |
| 07.11.2014 | 09:00-09:50 | Urticaria, atopic dermatitis | R. Cengizlier |
| | 10:00-10:50 | Tuberculosis | R. Cengizlier |
| | 11:00-11:50 | Diagnostic methods in infectious diseases | G. Çelik |
| | 12:00-12:50 | Genetic diseases in Pediatrics | A. Kuşkuçcu |
| | | | |
| 10.11.2014 | 13:00-13:50 | Blood transfusions and complications | S. Biçer |
| | 14:00-14:50 | Discussion | A. Vitrinel |
| 11.11.2014 | | Independent Study Hours | |
| 12-13.11.2014 | | EXAM | |
| 14.11.2014 | 09:00-12:00 | Discussion of Exam | A. Vitrinel R. Cengizlier F. Bakar S. Biçer M. Uğraş G.Ç. Erdağ Ö. Küçük D. Çöl T. Giray |

CHILD HEALTH AND PEDIATRICS

(10 weeks)

01.12.2014 - 06.02.2015

(A)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF CHILD HEALTH AND PEDIATRICS
GROUP A (01.12.2014-06.02.2015)**

| | Time | Subject | Lecturer |
|-------------------|-------------|---|-------------------|
| 01.12.2014 | 09.00-12.00 | Introduction to Pediatrics , history taking and physical examination | A.Vitrinel |
| | 13.00-13:50 | Respiratory system examination | R. Cengizlier |
| | 14.00-14.50 | Cardiovascular system examination | G.Ç. Erdağ |
| | 15.00-15.50 | Electrocardiographic principles | G.Ç. Erdağ |
| 02.12.2014 | 13:00-13:50 | Gastrointestinal and genitourinary system examination | M. Uğraş |
| | 14:00-14:50 | Neurological examination | A.Vitrinel |
| 03.12.2014 | 13:00-13:50 | Newborn examination | F. Bakar |
| | 14:00-14:50 | Prematurity, postmaturity | F. Bakar |
| | 15.00-15.50 | Perinatal asphyxia and neonatal resuscitation | F. Bakar |
| 04.12.2014 | 13:00-13:50 | Nutrition | Y. Akın |
| | 14:00-14:50 | Nutrition | Y. Akın |
| | 15.00-15.50 | Intrauterin infections | T. Giray |
| 05.12.2014 | 09:00-09:50 | Basic principles and practice of clinical biochemistry | S. Öztezcan |
| | 10:00-10:50 | Liver function and enzymes | J. Çoban |
| | 11:00-11:50 | Growth and development | A.Vitrinel |
| | 12:00-12:50 | Growth retardation | A.Vitrinel |
| 08.12.2014 | 13:00-13:50 | Approach to the child with fever | S.Biçer |
| | 14:00-14:50 | Fever of unknown origin | Ö.Küçük |
| | 15.00-15.50 | Inborn erros of metabolism | Ö. Küçük |
| 09.12.2014 | 13:00-13:50 | Malnutrition | A.Vitrinel |
| | 14:00-14:50 | Cerebral palsy | A.Vitrinel |
| 10.12.2014 | 13:00-13:50 | Vitamin deficiencies | Y. Akın |
| | 14:00-14:50 | Rickets | Y. Akın |
| 11.12.2014 | 13:00-13:50 | Fluid and electrolyte disorders-1 | S.Biçer |
| | 14:00-14:50 | Fluid and electrolyte disorders-2 | S.Biçer |
| | 15.00-15.50 | Acid-base disorders | S.Biçer |
| 12.12.2014 | 09:00-09:50 | Carbohydrates and diabetes mellitus | S. Öztezcan |
| | 10:00-10:50 | Lipids and cardiac markers | S. Öztezcan |
| | 11:00-11:50 | Obesity | G.Ç. Erdağ |
| | 12:00-12:50 | Adrenal hypofunction | G.Ç. Erdağ |
| 15.12.2014 | 13:00-13:50 | Immunization principles | A.Vitrinel |
| | 14:00-14:50 | Vaccination | A.Vitrinel |
| 16.12.2014 | 13:00-13:50 | Malabsorbtion | M. Uğraş |
| | 14:00-14:50 | Constipation | M. Uğraş |
| 17.12.2014 | 13:00-13:50 | Introduction to anemia, iron deficiency anemia | A.Vitrinel |
| | 14:00-14:50 | Non-hemolytic anemias | A.Vitrinel |
| 18.12.2014 | 13:00-13:50 | Hemolytic anemias | R. Cengizlier |
| | 14:00-14:50 | Hemolytic anemias | R. Cengizlier |
| 19.12.2014 | 09:00-09:50 | Urinalysis and other body fluids | J. Çoban |
| | 10:00-10:50 | Renal function, electrolytes and acid-base balance | J. Çoban |
| | 11:00-11:50 | Hypertension | G.Ç. Erdağ |
| | 12:00-12:50 | Puberty and pubertal disorders | G.Ç. Erdağ |

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| 22.12.2014 | 13:00-13:50 | Disorders of coagulation | D. Çöl |
| | 14:00-14:50 | Disorders of coagulation | D. Çöl |
| | 15:00-15:50 | Urinary tract infections | G.Ç. Erdağ |
| 23.12.2014 | 13:00-13:50 | Tubulopathies | Ö. Küçük |
| | 14:00-14:50 | Parasitosis | Ö.Küçük |
| 24.12.2014 | 13:00-13:50 | Acute glomerulonephritis | T. Giray |
| | 14:00-14:50 | Nephrotic syndrome | T. Giray |
| | | | |
| 25.12.2014 | 13:00-13:50 | Acute gastroenteritis | Ö. Küçük |
| | 14:00-14:50 | Acute renal failure | Ö. Küçük |
| | 15:00-15:50 | Chronic renal failure | T. Giray |
| 26.12.2014 | 09:00-09:50 | Hematology and coagulation | J. Çoban |
| | 10:00-10:50 | Evaluation of endocrine function | S. Öztezcan |
| | 11:00-11:50 | Upper respiratory tract infection | R. Cengizlier |
| | 12:00-12:50 | Lower respiratory tract infection | R. Cengizlier |
| | | | |
| 29.12.2014 | 13:00-13:50 | Thrombosis+ DIC | Ö. Küçük |
| | 14:00-14:50 | Stroke | A.Vitrinel |
| | | | |
| 30.12.2014 | 13:00-13:50 | Hepatitis | M. Uğraş |
| | 14:00-14:50 | Hepatitis | M. Uğraş |
| 01-03.01.2015 | | New Year | |
| | | | |
| 05.01.2015 | 13:00-13:50 | Maculopapular-vesicular diseases | A.Vitrinel |
| | 14:00-14:50 | Tetanus, diphteria, mumps | A.Vitrinel |
| 06.01.2015 | 13:00-13:50 | Connective tissue diseases | T. Giray |
| | 14:00-14:50 | Vasculitic syndromes | T. Giray |
| 07.01.2015 | 13:00-13:50 | Shock | S. Biçer |
| | 14:00-14:50 | Sepsis and meningococemia | S. Biçer |
| 08.01.2015 | 13:00-13:50 | Diabetes mellitus | G.Ç. Erdağ |
| | 14:00-14:50 | Diabetes mellitus | G.Ç. Erdağ |
| 09.01.2015 | 09:00-09:50 | Diagnostic tests in immune deficiencies | G.Y. Demirel |
| | 10:00-10:50 | Immunology of transplantation | G.Y. Demirel |
| | 11:00-11:50 | Infective endocarditis | D. Çöl |
| | 12:00-12:50 | Diseases of myocardium and pericardium | D. Çöl |
| | | | |
| 12.01.2015 | 13:00-13:50 | Abdominal pain and peptic diseases, H. pylori infection | M. Uğraş |
| | 14:00-14:50 | Inflammatory bowel diseases | M. Uğraş |
| 13.01.2015 | 13:00-13:50 | Thyroid disorders and congenital hypothyroidism | F. Bakar |
| | 14:00-14:50 | Neonatal infections | F. Bakar |
| 14.01.2015 | 13:00-13:50 | Neonatal Hyperbilirubinemia | F. Bakar |
| | 14:00-14:50 | Wheezy infant | F. Bakar |
| 15.01.2015 | 13:00-13:50 | Asthma | R. Cengizlier |
| | 14:00-14:50 | Respiratory distress syndrome | R. Cengizlier |
| 16.01.2015 | 09:00-09:50 | Cancer immunology | G.Y. Demirel |
| | 10:00-10:50 | Autoimmunity and diagnostic tests | G.Y. Demirel |
| | 11:00-11:50 | Acute rheumatic fever | A. Vitrinel |
| | 12:00-12:50 | Viral paralytic diseases | A. Vitrinel |
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| 19.01.2015 | 13:00-13:50 | Approach to the patient with convulsion | S. Biçer |
| | 14:00-14:50 | Intoxication | S. Biçer |
| 20.01.2015 | 13:00-13:50 | Hematological and metabolic disorders in newborn | F. Bakar |
| | 14:00-14:50 | Neonatal convulsions | F. Bakar |
| 21.01.2015 | 13:00-13:50 | Introduction to pediatric oncology | R. Cengizlier |
| | 14:00-14:50 | Malignancy in childhood | R. Cengizlier |
| 22.01.2015 | 13:00-13:50 | Specific proteins and tumor markers | J.Coban |
| | 14:00-14:50 | Blood gases, vitamins and trace elements | S. Öztezcan |
| 23.01.2015 | 09:00-09:50 | Urticaria, atopic dermatitis | R. Cengizlier |
| | 10:00-10:50 | Tuberculosis | R. Cengizlier |
| | 11:00-11:50 | Diagnostic methods in infectious diseases | G. Çelik |
| | 12:00-12:50 | Genetic diseases in Pediatrics | A. Kuşkucu |
| | | | |
| 26.01.2015 | 13:00-13:50 | Cirrhosis, portal hypertension | M. Uğraş |
| | 14:00-14:50 | Infections of CNS | T.Giray |
| 27.01.2015 | 13:00-13:50 | Calcium metabolism hyperparatiroidism, hypoparatiroidism | Ö.Küçük |
| | 14:00-14:50 | Coma | S.Biçer |
| 28.01.2015 | 13:00-13:50 | GIS bleeding | M.Uğraş |
| | 14:00-14:50 | Hypophyseal diseases (Cushing syndrome, diabetes insipidus, hyperthyroidism) | G.Ç. Erdağ |
| 29.01.2015 | 13:00-13:50 | Congenital heart disease | D.Çöl |
| | 14:00-14:50 | Congestive heart failure | D. Çöl |
| 30.01.2015 | 09:00-09:50 | Genetic diseases in Pediatrics | A. Kuşkucu |
| | 10:00-10:50 | Genetic diseases in Pediatrics | A. Kuşkucu |
| | 11:00-11:50 | Immunological tests and principles | G.Y. Demirel |
| | 12:00-12:50 | Neuroimmunology | G.Y. Demirel |
| | | | |
| 02.02.2015 | 13:00-13:50 | Blood transfusions and complications | S.Biçer |
| | 14:00-14:50 | Discussion | A.Vitrinel |
| 03.02.2015 | | Independent Study Hours | |
| 04-05.02.2015 | | EXAM | |
| 06.02.2015 | 09:00-12:00 | Discussion of Exam | A.Vitrinel R.Cengizlier F.Bakar S.Biçer M.Uğraş G.Ç.Erdağ Ö.Küçük D.Çöl T.Giray |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

GENERAL SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

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

Baki Ekçi, MD. Assoc. Prof.

Murat Kalaycı, MD. Assist. Prof.

&

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

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

| GENERAL SURGERY | |
|---|--|
| CLERKSHIP | <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 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 | |
| <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | 1.0. discuss basics of blood transfusion, hemostasis and coagulation |
| | 2.0. discuss shock types and treatments |
| | 3.0. summarize stages of systemic response to trauma |
| SKILLS | 4.0. assess signs and symptoms, differential diagnoses and treatments options of surgical diseases of digestive system. |
| | 5.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of breast, breast examination; ordering necessary tests for breast cancer and other mammary diseases. |
| | 6.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of endocrine system, thyroid examination; ordering necessary tests for differential diagnosis. |
| | 7.0. assess signs and symptoms, differential diagnoses and treatments of surgical diseases of hepatobiliary system. |
| | 8.1. assess existing signs and symptoms of emergency patients, |
| | 8.2. do physical examination, |
| | 8.3. perform or order laboratory and imaging tests, |
| | 8.4. evaluate pre-diagnosis and differential diagnosis, treatment steps. |
| | 9.0. manage fluid-electrolyte balance. |
| | 10.0 do prophylaxis and treatments of surgical site infections. |

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| | 11.0 plan nutrition of surgical patients. |
| | 12.1 discuss feasibility and criteria of liver, kidney, pancreas transplant, 12.2. do follow-up and treatments of these patients. |
| | 13.1 manage wound care and dressing, 13.2 do basic suturing, 13.3. diagnose and drain simply localized abscess or hematoma. |
| | 14.1. differentiate abdominal trauma (blunt/penetrant), 14.2. decide treatment. |
| | 15.1. decide how to approach surgical diseases in primary care, 15.2. make initial diagnosis and treatment |
| | 16.0. assess intervention to traumatized patient. |
| | 17.0. discuss basic principles of medical oncology. |
| | 18.1. recognize abdominal hernias, 18.2. conduct for treatment. |
| | 19.1 discuss etiopathogenesis, differential diagnosis and treatment of acute abdomen, 19.2. diagnose acute abdomen. |
| | 20.1 determine diagnoses of surgical diseases and treatment options that can applied at primary health care centers, 20.2. determine appropriate transport conditions and transporting criteria. |
| ATTITUDES | 21.0. respect privacy of patient-doctor communication and patient privacy |
| | 22.0. value taking history in good communication manner towards patient and patient's relatives |
| | 23.0. value importance of informing patient and patient's relatives. |
| | 24.0. value importance of patient transport in compliance with regulations |

GENERAL SURGERY

(6 weeks)

09.02.2015-20.03.2015

(A)

| HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL PRACTICAL EDUCATION PROGRAM GROUP A (09.02.2015 - 20.03.2015) | | | |
|---|-------------|-----------------------------------|---|
| Day | Time | Subject | Lecturer |
| Monday 9/2/2015 | 11:00-11:50 | Sutures | R. Kurt, G. Okuyan, M. Odabaşı, E.Özkan, H.H. Abuoğlu |
| Tuesday 10/2/2015 | 11:00-11:50 | Surgical instruments | T. Müftüoğlu, O. Yücel, A.Ş. Çelik, M. Talu, |
| Wednesday 11/2/2015 | 11:00-11:50 | Vascular access | G. Okuyan, İ. Titiz, M.A. Uzun, A. Poyraz, H.H. Abuoğlu |
| Thursday 12/2/2015 | 11:00-11:50 | Catheters | R. Kurt, G. Gürleyik, M.K. Yıldız, A. Sürmeliöğlu |
| Friday 13/2/2015 | 11:00-11:50 | Abdominal examination | İ. Titiz, T. Müftüoğlu, E. Özkan, A.Ş. Çelik, E. Günay |
| Monday 16/2/2015 | 11:00-11:50 | Patient monitorization | M. Tilki, T. Müftüoğlu, E. Özkan, O Yücel, H.H. Abuoğlu |
| Tuesday 17/2/2015 | 11:00-11:50 | Wound care | İ. Titiz, R. Kurt, A. Aktekin, M.K. Yıldız, A. Sürmeliöğlu |
| Wednesday 18/2/2015 | 11:00-11:50 | Disinfection | M. Kara, M. Tilki, M. Odabaşı, M.K.Yıldız, H.H. Abuoğlu |
| Thursday 19/2/2015 | 11:00-11:50 | i.v treatment | M. Kara, A. Çelik, M. Tilki, A. Aktekin, E. Özkan, E. Günay |
| Friday 20/2/2015 | 11:00-11:50 | Diabetic foot | LZ Özel, G. Gürleyik, E. Özkan, İ. Titiz, M. Talu, |
| Monday 23/2/2015 | 11:00-11:50 | Blood transfusions | M. Tilki, M. Odabaşı, O Yücel, M.A. Uzun, E. Günay |
| Tuesday 24/2/2015 | 11:00-11:50 | Endoscopy | M. Tilki, T. Müftüoğlu, İ. Titiz, M. Talu, E. Günay |
| Wednesday 25/2/2015 | 11:00-11:50 | Examination of the trauma patient | LZ Özel, G. Okuyan, G. Gürleyik, E. Özkan, M.K. Yıldız |
| Thursday 26/2/2015 | 11:00-11:50 | Management of the trauma patient | M. Kara, M. Tilki, M. Odabaşı, M.A. Uzun, |
| Friday 27/2/2015 | 11:00-11:50 | Biopsy methods | A. Aktekin, M.K. Yıldız, A.Ş. Çelik, A. Poyraz |
| Monday 2/3/2015 | 11:00-11:50 | Thoracic examination | G. Gürleyik, O. Yücel, A.Ş. Çelik, C. Eriş |
| Tuesday 3/3/2015 | 11:00-11:50 | Examination of the thyroid | M. Odabaşı, E. Özkan, M.A. Uzun, C. Eriş |
| Wednesday 4/3/2015 | 11:00-11:50 | Anorectal examination | R. Kurt, M. Tilki, A. Aktekin, A. Poyraz, M.K.Yıldız |
| Thursday 5/3/2015 | 11:00-11:50 | Breast examination | LZ Özel, M. Odabaşı, E. Özkan, A. Sürmeliöğlu |
| Friday 6/3/2015 | 11:00-11:50 | TPN-TEN | M. Kara, T. Müftüoğlu, E. Özkan, A. Sürmeliöğlu |
| Monday 9/3/2015 | 11:00-11:50 | Forensic examination | R. Kurt, M.Tilki, E.Özkan, A.Poyraz, C. Eriş |
| Tuesday 10/3/2015 | 11:00-11:50 | Patient transport | G. Okuyan, M. Odabaşı, M.K. Yıldız |
| Wednesday 11/3/2015 | 11:00-11:50 | Hernia examination | G. Okuyan, G. Gürleyik, E. Özkan, M.K. Yıldız |
| Thursday 12/3/2015 | 11:00-11:50 | Methods of imaging | G. Gürleyik ,E. Özkan, M.T alu, M.K. Yıldız |
| Friday 13/3/2015 | 11:00-11:50 | Management of the burn wound | M. Kara, M. Tilki, G. Gürleyik, C.Eriş |

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF SURGERY
GROUP A (09.02.2015 - 20.03.2015)**

| | | | |
|------------------------|-------------|---|-------------------------------|
| Monday 9/2/2015 | 13.30-15.30 | Introductory course, Periampullary malignancies | MD Prof. Özcan Gökçe |
| Tuesday 10/2/2015 | 13.30-15.30 | Bening and malignant disease of the stomach | MD Assist Prof. Murat Kalaycı |
| Wednesday 11/2/2015 | 13.30-15.30 | Fluid and electrolyte therapy | MD Prof. Özcan Gökçe |
| Thursday 12/2/2015 | 13.30-15.30 | Pancreatitis | MD Assist Prof. Murat Kalaycı |
| Friday 13/2/2015 | 13.30-15.30 | Gastrointestinal bleeding – Disorders of coagulation | MD Assist Prof. Murat Kalaycı |
| Monday 16/2/2015 | 13.30-15.30 | Hemostasis, Surgical Bleeding, and Transfusion | MD Prof. Özcan Gökçe |
| Tuesday 17/2/2015 | 13.30-15.30 | Acute appendicitis | MD Assoc Prof. Baki Ekçi |
| Wednesday 18/2/2015 | 13.30-15.30 | Disease of thyroid gland and parathyroid glands | MD Prof. Özcan Gökçe |
| Thursday 19/2/2015 | 13.30-15.30 | Acute abdomen – peritonitis | MD Assist Prof. Murat Kalaycı |
| Friday 20/2/2015 | 13.30-15.30 | Colorectal carcinoma – Anorectal Disease | MD Assist Prof. Murat Kalaycı |
| Monday 23/2/2015 | 13.30-15.30 | Shock and its treatment | MD Assoc Prof. Baki Ekçi |
| Tuesday 24/2/2015 | 13.30-15.30 | Disease of the gallbladder and biliary tree | MD Assoc Prof. Baki Ekçi |
| Wednesday 25/2/2015 | 13.30-15.30 | Hydatid disease of liver – liver abcess and tumors | MD Assoc Prof. Baki Ekçi |
| Thursday 26/2/2015 | 13.30-15.30 | Disease of the adrenal glands and spleen | MD Assist Prof. Murat Kalaycı |
| Friday 27/2/2015 | 13.30-15.30 | Abdominal Trauma | MD Assist Prof. Murat Kalaycı |
| Monday 2/3/2015 | 13.30-15.30 | The systemic response to injury | MD Prof. Özcan Gökçe |
| Tuesday 3/3/2015 | 13.30-15.30 | Disease of the breast | MD Assoc Prof. Baki Ekçi |
| Wednesday 4/3/2015 | 13.30-15.30 | Surgical nutrition | MD Assoc Prof. Baki Ekçi |
| Thursday 5/3/2015 | 13.30-15.30 | Inflamatuar bowel disease | MD Assist Prof. Murat Kalaycı |
| Friday 6/3/2015 | 13.30-15.30 | Liver Transplantation Renal and pancreas transplantation | MD Prof. Özcan Gökçe |

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|------------------------|-------------------------|--|-------------------------------|
| Monday 9/3/2015 | 13.30-15.30 | Bening and malignant disease of the oesophagus | MD Assist Prof. Murat Kalaycı |
| Tuesday 10/3/2015 | 13.30-15.30 | Hernias | MD Assoc Prof.Baki Ekçi |
| Wednesday 11/3/2015 | 13.30-15.30 | Intestinal obstruction | MD Prof.Özcan Gökçe |
| Thursday 12/3/2015 | 13.30-15.30 | Physical examination of surgery | MD Assoc Prof.Baki Ekçi |
| Friday 13/3/2015 | 13.30-15.30 | Wound healing and Surgical infections | MD Assoc Prof.Baki Ekçi |
| | | | |
| Monday 16/3/2015 | Independent Study Hours | | |
| Tuesday 17/3/2015 | Independent Study Hours | | |
| Wednesday 18/3.2015 | Independent Study Hours | | |
| Thursday 19/3/2015 | 13.30-15.30 | Written Exam Final Exam | |
| Friday 20/3/2015 | 09:00-13.30 | Discussion of the exam questions | |

GENERAL SURGERY

(6 weeks)

06.04.2015 - 15.05.2015

(B)

**HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
GENERAL SURGERY
PRACTICAL EDUCATION PROGRAM
GROUP B (06.04.2015 - 15.05.2015)**

| Date | Time | Subject | Lecturer |
|------------------------|------------------|--|--|
| Monday 6/4/2015 | 11:00- 11:50 | Sutures | R.Kurt, G.Okuyan, M. Odabaşı, E.Özkan, H.H.Abuoğlu |
| Tuesday 7/4/2015 | 11:00-11:50 | Surgical instruments | T.Müftüoğlu, O Yücel, A.Ş.Çelik, M.Talu, |
| Wednesday 8/4/2015 | 11:00-11:50 | Vascular access | G.Okuyan, İ. Titiz, M.A.Uzun, A.Poyraz, H.H.Abuoğlu |
| Thursday 9/4/2015 | 11:00-11:50 | Catheters | R.Kurt, G. Gürleyik, M.K.Yıldız, A.Sürmeliöğlu |
| Friday 10/4/2015 | 11:00-11:50 | Abdominal examination | İ.Titiz, T. Müftüoğlu, E.Özkan, A.Ş.Çelik, E.Günay |
| Monday 13/4/2015 | 11:00-11:50 | Patient monitorization | M.Tilki, T.Müftüoğlu, E.Özkan, O Yücel, H.H.Abuoğlu |
| Tuesday 14/4/2015 | 11:00-11:50 | Wound care | İ.Titiz, R.Kurt, A.Aktekin, M.K.Yıldız, A.Sürmeliöğlu |
| Wednesday 15/4/2015 | 11:00-11:50 | Disinfection | M.Kara, M.Tilki, M.Odabaşı, M.K.Yıldız, H.H.Abuoğlu |
| Thursday 16/4/2015 | 11:00-11:50 | i.v treatment | M.Kara, A.Çelik, M.Tilki, A.Aktekin, E.Özkan, E.Günay |
| Friday 17/4/2015 | 11:00-11:50 | Diabetic foot | LZ Özel, G.Gürleyik, E.Özkan, İ. Titiz, M.Talu, |
| Monday 20/4/2015 | 11:00-11:50 | Blood transfusions | M.Tilki, M.Odabaşı, O Yücel, M.A.Uzun, E.Günay |
| Tuesday 21/4/2015 | 11:00-11:50 | Endoscopy | M.Tilki, T.Müftüoğlu, İ. Titiz, M.Talu, E.Günay |
| Wednesday 22/4/2015 | 11:00-11:50 | Examination of the trauma patient | LZ Özel, G.Okuyan, G.Gürleyik, E.Özkan, M.K.Yıldız |
| Thursday 23/4/2015 | NATIONAL HOLIDAY | | |
| Friday 24/4/2015 | 11:00-11:50 | Management of the trauma patient Biopsy methods | M.Kara, M.Tilki, M.Odabaşı, M.A.Uzun, A.Aktekin, M.K.Yıldız, A.Ş.Çelik, A.Poyraz |
| Monday 27/4/2015 | 11:00-11:50 | Thoracic examination | G.Gürleyik, O Yücel, A.Ş.Çelik, C.Eriş |
| Tuesday 28/4/2015 | 11:00-11:50 | Examination of the thyroid | M.Odabaşı, E.Özkan, M.A.Uzun, C.Eriş |
| Wednesday 29/4/2015 | 11:00-11:50 | Anorectal examination | R.Kurt, M.Tilki, A.Aktekin, A.Poyraz, M.K.Yıldız |
| Thursday 30/4/2015 | 11:00-11:50 | Breast examination | LZ Özel, M.Odabaşı, E.Özkan, A.Sürmeliöğlu |
| Thursday 30/4/2015 | 11:00-11:50 | TPN-TEN | M.Kara, T.Müftüoğlu, E.Özkan, A.Sürmeliöğlu |
| Friday 1/5/2015 | LABOR'S DAY | | |

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|-----------------------|-------------|---------------------------------|---|
| Monday 4/5/2015 | 11:00-11:50 | Forensic examination | R.Kurt, M.Tilki,E.Özkan, A.Poyraz, C.Eriş |
| Tuesday 5/5/2015 | 11:00-11:50 | Patient transport | G.Okuyan, M.Odabaşı, M.K.Yıldız |
| Wednesday 6/5/2015 | 11:00-11:50 | Hernia examination | G.Okuyan, G.Gürleyik, E.Özkan, M.K. Yıldız |
| Thursday 7/5/2015 | 11:00-11:50 | Methods of imaging | G.Gürleyik , E.Özkan, M.Talu, M.K.Yıldız |
| Friday 8/5/2015 | 11:00-11:50 | Management of the burn wound | M. Kara, M. Tilki, G. Gürleyik, C. Eriş |
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| YEDİTEPE UNIVERSITY HOSPITAL DEPARTMENT OF SURGERY GROUP B (06.04.2015 - 15.05.2015) | | | |
|---|------------------|---|-------------------------------|
| Monday 6/4/2015 | 13.30-15.30 | Introductory course , Periampullary malignancies | MD Prof. Özcan Gökçe |
| Tuesday 7/4/2015 | 13.30-15.30 | Bening and malignant disease of the stomach | MD Assist Prof. Murat Kalaycı |
| Wednesday 8/4/2015 | 13.30-15.30 | Fluid and electrolyte therapy | MD Prof. Özcan Gökçe |
| Thursday 9/4/2015 | 13.30-15.30 | Pancreatitis | MD Assist Prof. Murat Kalaycı |
| Friday 10/4/2015 | 13.30-15.30 | Gastrointestinal bleeding – Disorders of coagulation | MD Assist Prof. Murat Kalaycı |
| | | | |
| Monday 13/4/2015 | 13.30-15.30 | Hemostasis, Surgical Bleeding, and Transfusion | MD Prof. Özcan Gökçe |
| Tuesday 14/4/2015 | 13.30-15.30 | Acute appendicitis | MD Assoc Prof. Baki Ekçi |
| Wednesday 15/4/2015 | 13.30-15.30 | Disease of thyroid gland and parathyroid glands | MD Prof. Özcan Gökçe |
| Thursday 16/4/2015 | 13.30-15.30 | Acute abdomen – peritonitis | MD Assist Prof. Murat Kalaycı |
| Friday 17/4/2015 | 13.30-15.30 | Colorectal carcinoma – Anorectal Disease | MD Assist Prof. Murat Kalaycı |
| | | | |
| Monday 20/4/2015 | 13.30-15.30 | Shock and its treatment | MD Assoc Prof. Baki Ekçi |
| Tuesday 21/4/2015 | 13.30-15.30 | Disease of the gallbladder and biliary tree | MD Assoc Prof. Baki Ekçi |
| Wednesday 22/4/2015 | 13.30-15.30 | Hydatid disease of liver – liver abcess and tumors | MD Assoc Prof. Baki Ekçi |
| Thursday 23/4/2015 | NATIONAL HOLIDAY | | |
| Friday 24/4/2015 | 13.30-15.30 | Disease of the adrenal glands and spleen | MD Assist Prof. Murat Kalaycı |
| | | | |
| Monday 27/4/2015 | 13.30-15.30 | Abdominal Trauma | MD Assist Prof. Murat Kalaycı |
| Tuesday 28/4/2015 | 13.30-15.30 | The systemic response to injury | MD Prof. Özcan Gökçe |
| Wednesday 29/4/2015 | 13.30-15.30 | Disease of the breast | MD Assoc Prof. Baki Ekçi |
| Thursday 30/4/2015 | 13.30-15.30 | Surgical nutrition | MD Assoc Prof. Baki Ekçi |
| Thursday 30/4/2015 | 13.30-15.30 | Inflamatuar bowel disease | MD Assist Prof. Murat Kalaycı |
| Friday 01/5/2015 | LABOR'S DAY | | |
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|------------------------|-------------------------|---|---------------------------------|
| Monday 4/5/2015 | 13.30-15.30 | Liver Transplantation Renal and pancreas transplantation | MD Prof. Özcan Gökçe |
| Tuesday 5/5/2015 | 13.30-15.30 | Bening and malignant disease of the oesophagus | MD Assist Prof.Murat Kalaycı |
| Wednesday 6/5/2015 | 13.30-15.30 | Hernias | MD Assoc Prof.Baki Ekçi |
| Thursday 7/5/2015 | 13.30-15.30 | Intestinal obstruction | MD Prof.Özcan Gökçe |
| Friday 8/5/2015 | 13.30-15.30 | Physical examination of surgery | MD Assoc Prof.Baki Ekçi |
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| Monday 11/5/2015 | 13.30-15.30 | Wound healing and Surgical infections | MD Assoc Prof.Baki Ekçi |
| Tuesday 12/5/2015 | Independent Study Hours | | |
| Wednesday 13/5/2015 | Independent Study Hours | | |
| Thursday 14/5/2015 | 13.30-15.30 | Written Exam Final Exam | |
| Friday 15/5/2015 | 09:00-15.30 | Discussion of the exam questions | |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

OBSTETRICS AND GYNECOLOGY

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Obstetrics and Gynecology: N. Cem Fıçıcıođlu, MD. PhD. Prof.

Oluş Api, MD. Assoc. Prof.

Rukset Attar, MD. Assoc. Prof.

Gazi Yıldırım, MD. Assoc. Prof.

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MINISTRY OF HEALTH İSTANBUL MEDENİYET UNIVERSITY

GÖZTEPE TRAINING AND RESEARCH HOSPITAL

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|---|--|
| CLERKSHIP | OBSTETRICS and GYNECOLOGY <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 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 <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | 1.0. explain antenatal tests, normal spontaneous delivery, pathological situations about birth, high risk pregnancy, teratogenicity effects, ectopic pregnancy, contraception and contraceptive methods, gynecological cancers, breast and cervix cancer screening, menopause, osteoporosis, gynecological and obstetric operations. |
| SKILLS | 2.1. take medical history about female genital system, 2.2. do systemic physical examination including female genital system. 3.0. do PAP smear tests 4.0 do breast and cervix cancer screening tests. 5.0 do menopause and osteoporosis screening tests |
| ATTITUDES | 6.0 approach with right attitude to patients and their relatives 7.0 value doctor-patient communication and patient privacy 8.0 inform patient and patients' relatives with respect |
| COMPETENCIES | 9.1 do follow up of normal pregnancy period, 9.2 order necessary medical tests in pregnancy. 10.0 detect fetal cardiac activity (FCA) 11.1 perform antenatal tests like non-stress test (NST) and CST, 11.2 evaluate results. 12.1 follow and examine normal spontaneous vaginal birth, 12.2 detect complications of birth. |

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| | 13.0 detect high risk pregnancies |
| | 14.1 detect ectopic pregnancies, 14.2 make differential diagnosis in acute abdominal pain. |
| | 15.1 guide patients about appropriate usage of family planning and contraception methods 15.2 provide consultancy to patients about family planning and contraception methods' usage |
| | 16.1 recognize emergency patients' referral conditions 16.2 refer patient safely to appropriate center upon indication 16.3 refer high-risk pregnancies to secondary or tertiary reference centers 16.4 refer patients with menopause or osteoporosis to appropriate center upon indication |
| | 17.0 provide consultancy to patients about teratogenicity effects in pregnancy. |
| | 18.0 provide consultancy to patients about breast and cervix cancer screening. |

OBSTETRICS and GYNECOLOGY

(6 weeks)

09.02.2015 - 20.03.2015

(B)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY
Grup B (09.02.2015 - 20.03.2015)**

| Date /Day | Time | Subject | Lecturer |
|------------------|-------------|--|---|
| 09.02.2015 | 15:00-17:00 | Welcome, adaptation and practice Gynecology: an overview including related anatomy Female reproductive physiology | Cem FIÇICIOĞLU,MD,PhD Gazi YILDIRIM,MD, PhD Gazi YILDIRIM,MD, PhD |
| 10.02.2015 | 15:00-17:00 | Ovarian functions and its neuro-endocrine control Developmental defects of the female reproductive tract | Cem FIÇICIOĞLU,MD, PhD |
| 11.02.2015 | 15:00-17:00 | Pediatric gynecology, puberty and gynecological disorders in children and adolescents Normal menstrual cycle Pre-, peri- and post-operative patient care | Rukset ATTAR,MD Gazi YILDIRIM,MD |
| 12.02.2015 | 15:00-17:00 | Menstrual disorders, amenorrhea Abnormal uterine bleeding | Rukset ATTAR,MD |
| 13.02.2015 | 15:00-17:00 | Pelvic pain and dysmenorrhea Endometriosis - medical treatment and minimally invasive approach Hirsutism | Gazi YILDIRIM,MD |
| 16.02.2015 | 15:00-17:00 | -Perimenoposal – postmenopausal hormone treatment Pelvic inflammatory disease | Gazi YILDIRIM,MD |
| 17.02.2015 | 15:00-17:00 | Anovulation Ovulation induction | Cem FIÇICIOĞLU,MD, PhD |
| 18.02.2015 | 15:00-17:00 | Evaluation of infertile couple Assisted reproductive technologies | Cem FIÇICIOĞLU,MD, PhD |
| 19.02.2015 | 15:00-16:00 | Obstetrics: an overview including related anatomy | Oluş APİ,MD |
| 19.2.2015 | 16:00-17:00 | Clinical embryology | Oya Akçin,MD |
| 20.02.2015 | 15:00-17:00 | Complications of early pregnancy Ectopic pregnancy | Rukset ATTAR,MD |
| 23.02.2015 | 15:00-17:00 | Perinatal follow-ups Antenatal screening tests and prenatal diagnosis | Oluş APİ,MD |
| 24.02.2015 | 15:00-17:00 | Obstetric ultrasound examination High-risk pregnancy: an overview | Oluş APİ,MD |
| 25.02.2015 | 15:00-17:00 | Recurrent pregnancy losses Trombophilia and pregnancy | Rukset ATTAR,MD |
| 26.02.2015 | 15:00-17:00 | Multiple pregnancies Hematological disorders and pregnancy | Oluş APİ,MD |
| 27.02.2015 | 15:00-17:00 | Hypertensive disorders and pregnancy | Oluş APİ,MD |
| | 15:00-17:00 | Cardiovascular diseases and pregnancy | Oluş APİ,MD |

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| 02.03.2015 | 15:00-17:00 | Hormonal disorders and pregnancy Pre-gestational and gestational diabetes | Oluş API,MD |
| 03.03.2015 | 15:00-16:00 | Gestational trophoblastic diseases | Gazi YILDIRIM,MD |
| 03.03.2015 | 16:00-17:00 | Gynecological malignancies and pregnancy | Gazi YILDIRIM,MD |
| 04..03.2015 | 15:00-17:00 | Perinatal infections Rh isoimmunisation | Oluş API,MD |
| 05.03.2015 | 15:00-17:00 | Intrauterine growth restriction Assessment of fetal well-being | Oluş API,MD |
| 06.03.2015 | 15:00-17:00 | Bleeding in the third trimester Postpartum bleeding | Rukset ATTAR,MD |
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| 09.03.2015 | 15:00-17:00 | Preterm premature rupture of membranes Puerperium and puerperal infections | Gazi YILDIRIM,MD |
| 10.03.2015 | 15:00-17:00 | Normal labor Abnormal labor – distocia | Oluş API,MD |
| 11.03.2015 | 15:00-17:00 | Operative labor Cesarean section and previous Cesarean section | Rukset ATTAR,MD |
| 12.03.2015 | 15:00-17:00 | Benign disorders of uterus, Fallopian tubes and ovaries Postnatal contraception and sterilization | Rukset ATTAR,MD Gazi YILDIRIM,MD |
| 13.03.2015 | 15:00-17:00 | Benign disorders of vulva Vulvo-vaginitis | Rukset ATTAR,MD |
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| 16.03.2015 | 15:00-17:00 | Pre-invasive cervical neoplasm Cervix carcinoma | Gazi YILDIRIM,MD |
| 17.03.2015 | 15:00-17:00 | Benign disorders of vagina Vulvo-vaginal carcinoma | Rukset ATTAR,MD |
| 18.03.2015 | 15:00-17:00 | Malignant disorders of uterus, endometrium carcinoma Malignant ovarian tumors and malignant disorders of Fallopian tubes | Gazi YILDIRIM,MD |
| 19.03.2015 | 15:00-17:00 | Pelvic relaxation Uro-gynecology | Gazi YILDIRIM,MD |
| 20.03.2015 | 09:00-11:00 | Written Exam | |
| | | Final Exam | |

OBSTETRICS and GYNECOLOGY

(6 weeks)

06.04.2015-15.05.2015

(A)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY
GRUP A (06.04.2015-15.05.2015)**

| Date /Day | Time | Subject | Lecturer |
|------------------|-------------|--|---|
| 06.04.2015 | 15:00-17:00 | Welcome, adaptation and practice Gynecology: an overview including related anatomy Female reproductive physiology | Cem FIÇICIOĞLU,MD,PhD Gazi YILDIRIM,MD, PhD Gazi YILDIRIM,MD, PhD |
| 07.04.2015 | 15:00-17:00 | Ovarian functions and its neuro-endocrine control Developmental defects of the female reproductive tract | Cem FIÇICIOĞLU,MD, PhD |
| 08.04.2015 | 15:00-18:00 | Pediatric gynecology, puberty and gynecological disorders in children and adolescents Normal menstrual cycle Pre-, peri- and post-operative patient care | Rukset ATTAR,MD Gazi YILDIRIM,MD |
| 09.04.2015 | 15:00-17:00 | Menstrual disorders, amenorrhea Abnormal uterine bleeding | Rukset ATTAR,MD |
| 10.04.2015 | 15:00-18:00 | Pelvic pain and dysmenorrhea Endometriosis - medical treatment and minimally invasive approach Hirsutism | Gazi YILDIRIM,MD |
| 13.04.2015 | 15:00-17:00 | -Perimenoposal – postmenopausal hormone treatment Pelvic inflammatory disease | Gazi YILDIRIM,MD |
| 14.04.2015 | 15:00-17:00 | Anovulation Ovulation induction | Cem FIÇICIOĞLU,MD, PhD |
| 15.04.2015 | 15:00-17:00 | Evaluation of infertile couple Assisted reproductive technologies | Cem FIÇICIOĞLU,MD, PhD |
| 16.04.2015 | 15:00-16:00 | Obstetrics: an overview including related anatomy | Oluş APİ,MD |
| | 16:00-17:00 | Clinical embryology | Oya Akçin,MD |
| 17.04.2015 | 15:00-17:00 | Complications of early pregnancy Ectopic pregnancy | Rukset ATTAR,MD |
| 20.04.2015 | 15:00-17:00 | Perinatal follow-ups Antenatal screening tests and prenatal diagnosis | Oluş APİ,MD |
| 21.04.2015 | 15:00-17:00 | Obstetric ultrasound examination High-risk pregnancy: an overview | Oluş APİ,MD |
| 22.04.2015 | 15:00-17:00 | Recurrent pregnancy losses Trombophilia and pregnancy | Rukset ATTAR,MD |
| 23.04.2015 | | HOLIDAY | |
| 24.04.2015 | 15:00-17:00 | Multiple pregnancies Hematological disorders and pregnancy | Oluş APİ,MD |
| | 17:00-18:00 | Hypertensive disorders and pregnancy Cardiovascular disease | Oluş APİ,MD |

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|------------|-------------|---|-------------------------------------|
| 27.04.2015 | 15:00-16:00 | Gestational trophoblastic diseases | Gazi YILDIRIM,MD |
| | 16:00-17:00 | Gynecological malignancies and pregnancy | Gazi YILDIRIM,MD |
| 28.04.2014 | 15:00-18:00 | Perinatal infections Rh isoimmunisation Hormonal disorders and pregnancy | Oluş APİ,MD |
| 29.04.2015 | 15:00-18:00 | Intrauterine growth restriction Assessment of fetal well-being Pre-gestational and gestational diabetes | Oluş APİ,MD |
| 30.04.2015 | 15:00-17:00 | Bleeding in the third trimester Postpartum bleeding | Rukset ATTAR,MD |
| 01.05.2015 | | LABOR'S DAY | |
| | | | |
| 04.05.2014 | 15:00-17:00 | Preterm premature rupture of membranes Puerperium and puerperal infections | Gazi YILDIRIM,MD |
| 05.05.2014 | 15:00-17:00 | Normal labor Abnormal labor – distocia | Oluş APİ,MD |
| 06.05.2014 | 15:00-17:00 | Operative labor Cesarean section and previous Cesarean section | Rukset ATTAR,MD |
| 07.05.2014 | 15:00-17:00 | Benign disorders of uterus, Fallopian tubes and ovaries Postnatal contraception and sterilization | Rukset ATTAR,MD Gazi YILDIRIM,MD |
| 08.05.2014 | 15:00-17:00 | Benign disorders of vulva Vulvo-vaginitis | Rukset ATTAR,MD |
| | | | |
| 11.05.2014 | 15:00-17:00 | Pre-invasive cervical neoplasm Cervix carcinoma | Gazi YILDIRIM,MD |
| 12.05.2014 | 15:00-17:00 | Benign disorders of vagina Vulvo-vaginal carcinoma | Rukset ATTAR,MD |
| 13.05.2014 | 15:00-17:00 | Malignant disorders of uterus, endometrium carcinoma Malignant ovarian tumors and malignant disorders of Fallopian tubes | Gazi YILDIRIM,MD |
| 14.05.2014 | 15:00-17:00 | Pelvic relaxation Uro-gynecology | Gazi YILDIRIM,MD |
| 15.05.2014 | 09:00-11:00 | Written Exam | |
| | | Final Exam | |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CARDIOLOGY
YEDİTEPE UNIVERSITY HOSPITAL**

Muzaffer Murat Değertekin, MD.Prof.

Olca Özveren, MD. Assist. Prof.

Zekeriya Küçükdurmaz, MD. Assoc. Prof.

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KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Gökhan Kahveci, MD. Assoc. Prof.

İsmail Erdem, MD. Assoc.Prof.

Renan Kargın, MD. Assoc. Prof.

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| CLERKSHIP | CARDIOLOGY <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 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 <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | <ol style="list-style-type: none"> 1.0. observe and explain; <ol style="list-style-type: none"> 1.1 cardiac echocardiography 1.2 pericardiocentesis 1.3 cardiac catheterization and coronary angiography 1.4 Holter ECG monitoring 1.5 cardiac exercise test 1.6 ambulatory blood pressure monitoring 1.7 electrophysiological study and pacemaker implantation |
| SKILLS | <ol style="list-style-type: none"> 2.0 take detailed, relevant history of cardiac patient 3.0 perform detailed physical examination of cardiac patient 4.0 supply basic life support to cardiac patient 5.0 evaluate peripheral pulses 6.0 evaluate blood pressure of patient |
| COMPETENCIE | <ol style="list-style-type: none"> 7.0 assess and diagnose electrocardiographic findings 8.0. evaluate serum electrolytes, renal function tests, hepatic function tests and thyroid function tests, cardiac biomarkers 9.0. assess chest x-rays 10.0 perform and evaluate results of <ol style="list-style-type: none"> 10.1 diagnosis of acute cardiac disorders |

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| | <p>10.2 cardiac auscultation</p> <p>10.3 measurement of blood pressure by sphygmomanometry</p> <p>10.4 cardiac monitoring and ECG</p> |
| ATTITUDES | <p>11.0 assimilate principles of</p> <p>11.1 respecting for patient rights and obtaining well-balanced relations with patients' relatives</p> <p>11.2 maintaining good relations with colleagues and teaching staff, being analytical and research orientated</p> <p>11.3 maintaining good relations with other health care workers</p> <p>11.4 asking for consultation</p> <p>11.5 using written and on-line sources correctly</p> <p>11.6 giving clear and concise information about patient's condition to patient and relatives</p> <p>11.7 obeying infection control regulations when working at inpatient and outpatient clinics</p> |

CARDIOLOGY

(2 weeks)

(17.11.2014-28.11.2014)

(A)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF CARDIOLOGY
Group A (17.11.2014 – 28.11.2014)**

| Date /Day | Time | Subject | Lecturer |
|------------------|--------------|--|---|
| Monday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 12.50- 13.00 | Introduction to Cardiology Training Program | Muzaffer Değertekin |
| | 13.00- 13.50 | Cardiovascular Examination | Zekeriya Küçükdurmaz |
| | 14.00- 14.50 | Clinical Electrocardiography- 1 | Zekeriya Küçükdurmaz |
| | 15.00- 15.50 | Clinical Electrocardiography- 2 | Zekeriya Küçükdurmaz |
| Tuesday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Approach to the patient with chest pain | Muzaffer Değertekin |
| | 14.00- 14.50 | ST Elevation Myocardial Infarction-1 | Muzaffer Değertekin |
| | 15.00- 15.50 | ST Elevation Myocardial Infarction-2 | Muzaffer Değertekin |
| Wednesday | 08.30-11.30 | Cardiology practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Non-ST Elevation Myocardial Infarction/Unstable Angina | Muzaffer Değertekin |
| | 14.00- 14.50 | Chronic Coronary Artery Disease | Muzaffer Değertekin |
| | 15.00- 15.50 | Percutaneous Coronary and Valvular Interventions | Muzaffer Değertekin |
| Thursday | 08.30-11.30 | Cardiology practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Heart Failure-1 | Olçay Özveren |
| | 14.00- 14.50 | Heart Failure-2 | Olçay Özveren |
| | 15.00- 15.50 | Diagnosis and Management of Acute Heart Failure | Olçay Özveren |
| Friday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Mitral Valve Diseases | Olçay Özveren |
| | 14.00- 14.50 | Aortic Valve Diseases | Olçay Özveren |
| | 15.00- 15.50 | Tricuspid and Pulmonary Valve Diseases | Olçay Özveren |

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|-----------|--------------|---|--|
| Monday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Rheumatic Fever | Olçay Özveren |
| | 14.00- 14.50 | Infective Endocarditis | Olçay Özveren |
| | 15.00- 15.50 | Pericardial Diseases | Olçay Özveren |
| Tuesday | 08.30-11.30 | Cardiology Practise | Kartal Kosuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Tachyarrhythmias-1 | Zekeriya Küçükduymaz |
| | 14.00- 14.50 | Tachyarrhythmias-2 | Zekeriya Küçükduymaz |
| | 15.00- 15.50 | Bradyarrhythmias and Heart Blocks | Zekeriya Küçükduymaz |
| Wednesday | 08.30-11.30 | Cardiology Practise | Kartal Kosuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Syncope | Zekeriya Küçükduymaz |
| | 14.00- 14.50 | Sudden Cardiac Death | Zekeriya Küçükduymaz |
| | 15.00- 15.50 | Cardiac Pacemakers and Implantable Cardiac Defibrillators | Zekeriya Küçükduymaz |
| Thursday | 09.00- 09.50 | Dilated, Restrictive and Infiltrative Cardiomyopathies | Olçay Özveren |
| | 10.00- 10.50 | Hypertrophic Cardiomyopathy | Zekeriya Küçükduymaz |
| Friday | 09.00- 16.00 | Written and Oral Exam | Muzaffer Degertekin, Olçay Özveren, Zekeriya Küçükduymaz |

CARDIOLOGY

(2 weeks)

(23.03.2015 - 03.04.2015)

(B)

**YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF CARDIOLOGY
Group B (23.03.2015 – 03.04.2015)**

| Date /Day | Time | Subject | Lecturer |
|------------------|--------------|--|---|
| Monday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 12.50- 13.00 | Introduction to Cardiology Training Program | Muzaffer Değertekin |
| | 13.00- 13.50 | Cardiovascular Examination | Muzaffer Değertekin |
| | 14.00- 14.50 | Clinical Electrocardiography-1 | Zekeriya Küçükduzmaz |
| | 15.00- 15.50 | Clinical Electrocardiography-2 | Zekeriya Küçükduzmaz |
| Tuesday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Approach to the patient with chest pain | Muzaffer Değertekin |
| | 14.00- 14.50 | ST Elevation Myocardial Infarction-1 | Muzaffer Değertekin |
| | 15.00- 15.50 | ST Elevation Myocardial Infarction-2 | Muzaffer Değertekin |
| Wednesday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Non-ST Elevation Myocardial Infarction/Unstable Angina | Muzaffer Değertekin |
| | 14.00- 14.50 | Chronic Coronary Artery Disease | Muzaffer Değertekin |
| | 15.00- 15.50 | Percutaneous Coronary and Valvular Interventions | Muzaffer Değertekin |
| Thursday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Heart Failure-1 | Olçay Özveren |
| | 14.00- 14.50 | Heart Failure-2 | Olçay Özveren |
| | 15.00- 15.50 | Diagnosis and Management of Acute Heart Failure | Olçay Özveren |
| Friday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be announced) |
| | 13.00- 13.50 | Mitral Valve Diseases | Olçay Özveren |
| | 14.00- 14.50 | Aortic Valve Diseases | Olçay Özveren |
| | 15.00- 15.50 | Tricuspid and Pulmonary Valve Diseases | Olçay Özveren |

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|-----------|--------------|---|--|
| Monday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Rheumatic Fever | Olçay Özveren |
| | 14.00- 14.50 | Infective Endocarditis | Olçay Özveren |
| | 15.00- 15.50 | Pericardial Diseases | Olçay Özveren |
| Tuesday | 08.30-11.30 | Cardiology Practise | Kartal Koşuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Tachyarrhythmias-1 | Zekeriya Küçükdurmaz |
| | 14.00- 14.50 | Tachyarrhythmias-2 | Zekeriya Küçükdurmaz |
| | 15.00- 15.50 | Bradyarrhythmias and Heart Blocks | Zekeriya Küçükdurmaz |
| Wednesday | 08.30-11.30 | Cardiology Practise | Kartal Kosuyolu Higher Education and Research Hospital Professors (names will be anounced) |
| | 13.00- 13.50 | Syncope | Zekeriya Küçükdurmaz |
| | 14.00- 14.50 | Sudden Cardiac Death | Zekeriya Küçükdurmaz |
| | 15.00- 15.50 | Cardiac Pacemakers and Implantable Cardiac Defibrillators | Zekeriya Küçükdurmaz |
| Thursday | 09.00- 09.50 | Dilated, Restrictive and Infiltrative Cardiomyopathies | Olçay Özveren |
| | 10.00- 10.50 | Hypertrophic Cardiomyopathy | Zekeriya Küçükdurmaz |
| Friday | 09.00- 16.00 | Written and Oral Exam | Muzaffer Degertekin, Olçay Özveren, Zekeriya Küçükdurmaz |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

CARDIOVASCULAR SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

Head of the Department of Cardiovascular Surgery: Bora Farsak, MD.Prof.

Soner Sanioglu, MD. Assoc. Prof.

Rahime Pınar Samut, MD. Assist. Prof.

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KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL

Mete Alp, MD. Prof.

Nilgün Bozboğa, MD Assoc.Prof.

Mehmet Balkanay, MD.

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| CLERKSHIP | CARDIOVASCULAR SURGERY <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 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 <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 8.1. do physical examination and laboratory studies available, 8.2. evaluate pre-diagnosis and differential diagnosis, current treatment steps. |
| ATTITUDES | <ol style="list-style-type: none"> 9.0. respect patient-doctor communication and patient privacy, 10.0. take history with good communication and behaving in a good manner towards patient and patients' relatives. 11.0. value importance of informing patient and patients' relatives. |

CARDIOVASCULAR SURGERY

(2 weeks)

18.05.2015 - 29.05.2015

(A)

YEDİTEPE UNIVERSITY
DEPARTMENT OF CARDIOVASCULAR SURGERY
Group A (18.05.2015 - 29.05.2015)

| Date /Day | Time | Subject | Lecturer |
|------------------------|------------------|---|-----------------|
| 18.5.2015 Monday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | HISTORY OF CARDIOVASCULAR SURGERY and Introductory Course | Bora FARSAK |
| | 14.20- 15.00 | ANATOMY OF HEART AND GREAT VESSELS | Bora FARSAK |
| 19/5/2015 | NATIONAL HOLIDAY | | |
| 20.5.2015 Wednesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | EXTRACORPOREAL CIRCULATION AND ORGAN PROTECTION | Halit YEREBAKAN |
| | 14.20- 15.00 | SURGICAL TREATMENT OF CORONARY ARTERY DISEASE | Bora FARSAK |
| 21.5.2015 Thursday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | SURGICAL TREATMENT OF VALVULAR HEART DISEASE - I | Soner SANIOĞLU |
| | 14.20- 15.00 | SURGICAL TREATMENT OF VALVULAR HEART DISEASE - II | Soner SANIOĞLU |
| 22.5.2015 Friday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | AORTIC ANEURYSM AND AORTIC DISSECTION | Soner SANIOĞLU |
| | 14.20- 15.00 | SURGICAL TREATMENT OF HEART FAILURE | Halit YEREBAKAN |
| | 15.00-16.00 | VENOUS AND LYMPHATIC SYSTEM DISEASE | Soner SANIOĞLU |

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|------------------------|--------------|--|----------------|
| 25.5.2015 Monday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | HEART AND GREAT VESSELS INJURIES | HalitYEREBAKAN |
| | 14.20- 15.00 | CARDIAC NEOPLASMS AND PERICARDIAL DISEASE | HalitYEREBAKAN |
| | | | |
| 26.5.2015 Tuesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | CONGENITAL HEART DISSEASE – ACYANOTIC | HalitYEREBAKAN |
| | 14.20- 15.00 | CONGENITAL HEART DISSEASE – CYANOTIC | HalitYEREBAKAN |
| | | | |
| 27.5.2015 Wednesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | PERIPHERIC ARTERIAL DISEASE | Bora FARSAK |
| | 14.20- 15.00 | CAROTID OCCLUSIVE DISEASE | Bora FARSAK |
| | 15.00- 16.00 | PROPHYLAXIS AND DIAGNOSIS - TREATMENT of VTE | Soner SANİOĞLU |
| | | | |
| 28.5.2015 Thursday | 09.30- 09.45 | Written examination | |
| | 09.45- 10.00 | Written examination | |
| | 10.15- 10.45 | Written examination | |
| | 11.00- 11.45 | Written examination | |
| | | | |
| 29.5.2015 Friday | 09.30- 09.45 | Oral examination | |
| | 09.45- 10.00 | Oral examination | |
| | 10.15- 10.45 | Oral examination | |
| | 11.00- 11.45 | Oral examination | |
| | | | |

CARDIOVASCULAR SURGERY

(2 weeks)

01.06.2015-12.06.2015

(B)

YEDİTEPE UNIVERSITY
DEPARTMENT OF CARDIOVASCULAR SURGERY
GROUP B (01.06.2015-12.06.2015)

| Date /Day | Time | Subject | Lecturer |
|-----------------------|--------------|---|-----------------|
| 1.6.2015 Monday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | History Of Cardiovascular Surgery And Introductory Course | Bora FARSAK |
| | 14.20- 15.00 | Anatomy Of Heart And Great Vessels | Bora FARSAK |
| 2.6.2015 Tuesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Extracorporeal Circulation And Organ Protection | HalitYEREBAKAN |
| | 14.20- 15.00 | Surgical Treatment Of Coronary Artery Disease | Bora FARSAK |
| 3.6.2015 Wednesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Surgical Treatment Of Valvular Heart Disease - I | Soner SANIOĞLU |
| | 14.20- 15.00 | Surgical Treatment Of Valvular Heart Disease - II | Soner SANIOĞLU |
| 4.6.2015 Thursday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Aortic Aneurysm And Aortic Dissection | Soner SANIOĞLU |
| | 14.20- 15.00 | Surgical Treatment Of Heart Failure | HalitYEREBAKAN |
| 5.6.2015 Friday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Heart And Great Vessels Injuries | HalitYEREBAKAN |
| | 14.20- 15.00 | Cardiac Neoplasms And Pericardial Disease | HalitYEREBAKAN |

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|------------------------|--------------|---|----------------|
| 8.6.2015 Monday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Congenital Heart Disease – Acyanotic | HalitYEREBAKAN |
| | 14.20- 15.00 | Congenital Heart Disease – Cyanotic | HalitYEREBAKAN |
| | | | |
| 9.6.2015 Tuesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | Peripheric Arterial Disease | Bora FARSAK |
| | 14.20- 15.00 | Carotid Occlusive Disease | Bora FARSAK |
| | | | |
| 10.6.2015 Wednesday | 08.30- 08.45 | Surgical Practice | |
| | 09.00- 09.45 | Surgical Practice | |
| | 10.00- 10.45 | Surgical Practice | |
| | 11.00- 11.45 | Surgical Practice | |
| | 13.30- 14.10 | PROPHYLAXIS AND DIAGNOSIS - TREATMENT Of VTE | Soner SANIOĞLU |
| | 14.20- 15.00 | Venous And Lymphatic System Disease | Soner SANIOĞLU |
| | | | |
| 11.6.2015 Thursday | 09.30- 09.45 | Written Examination | |
| | 09.45- 10.00 | Written Examination | |
| | 10.15- 10.45 | Written Examination | |
| | 11.00- 11.45 | Written Examination | |
| | | | |
| 12.6.2015 Friday | 09.30- 09.45 | Oral Examination | |
| | 09.45- 10.00 | Oral examination | |
| | 10.15- 10.45 | Oral examination | |
| | 11.00- 11.45 | Oral examination | |
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**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
YEDİTEPE UNIVERSITY HOSPITAL**

Can Çınar, MD. Assoc. Prof.

Uğur Anıl Bingöl, MD. Assist. Prof.

| | |
|---|---|
| CLERKSHIP | PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 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 <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | <ol style="list-style-type: none"> 1.1 summarize stages of systemic response to trauma, 1.2. assess intervention to traumatized patient. 2.0. explain theoretical knowledge in detail about wound healing, treatment options of open wounds, 3.0. explain types of burns, classification, diagnosis and initial interventions for treatment 4.0. explain fluid-electrolyte balance. 5.0. discuss basics of blood transfusion, hemostasis and coagulation. 6.0. define prophylaxis and treatment options of surgical site infections. 7.1. assess existing signs and symptoms of emergency patients, 7.2. evaluate pre-diagnosis and differential diagnosis and treatment steps. 7.3. select available laboratory or imaging tests 8.0. explain etiopathogenesis, signs and symptoms, differential diagnosis and surgical treatment options of congenital anomalies, 9.1. assess signs and symptoms, differential diagnosis and treatment options of surgical diseases of breast, 9.2. select necessary tests for breast cancer and other mammary diseases. 10.0. assess signs and symptoms, differential diagnoses and surgical treatments of face and jaw diseases, 11.1. assess signs and symptoms, differential diagnosis and surgical treatment options of extremity diseases, 11.2. distinguish need for emergency surgery |

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| | 12.0. comment on basic principles of surgical oncology and oncologic reconstruction |
| SKILLS | 13.0. do physical examination of emergency patients, |
| | 14.0. do neurological examination of cranial nerves, |
| | 15.0. do breast examination, |
| | 16.0. use proper suture techniques, |
| ATTITUDES | 17.0. respect patient-doctor communication and patient privacy, |
| | 18.0. take history with good communication and behaving in a good manner towards patient and patient relatives. |
| | 19.0. value importance of informing patient and patient's relatives. |
| | 20.1. refer patient to further health care centers when necessary, 20.2. value providing appropriate transport conditions in accordance with regulations. |
| COMPETENCIES | 21.0. manage open wounds in accordance with principles of wound care and dressing, |
| | 22.0. do basic suture up, |
| | 23.0. diagnose and drain simply localized abscess or hematoma. |
| | 24.1. distinguish and diagnose surgical diseases, |
| | 24.2. distinguish treatment options applicable at primary health care centers, 24.3. assess indications for transport of patient to further health care centers 24.4. determine appropriate transport conditions. |

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

(1 week)

23.03.2015-27.03.2015

(A2)

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
Group A2 (23.03.2015-27.03.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|--------------|---|------------------|
| 23.03.2015 Monday | 08.30-09.00 | Welcome, Grand round, adaptation and practice | |
| | 09.00- 10:30 | Lecture: Scope of plastic surgery | Can Çınar |
| | 10.30- 11.45 | Lecture: Cosmetic surgery | Can Çınar |
| | 13.30- 15.30 | Lecture: Wound healing | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 24.03.2015 Tuesday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Breast cancer, treatment options & breast reconstruction | Can Çınar |
| | 13.30- 15.30 | Lecture: Maxillofacial trauma | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 25.03.2015 Wednesday | 08.30-09.00 | Round, bedside practice | |
| | 09.00- 10:30 | Lecture: Skin cancer | Uğur Anıl Bingöl |
| | 10.30- 11.45 | Lecture: Skin graft and flap | Can Çınar |
| | 13.30- 15.30 | Lecture: Burn and reconstructive surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 26.03.2015 Thursday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Cleft lip and palate | Can Çınar |
| | 13.30- 15.30 | Principles of hand surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 27.03.2015 Friday | 08.30-09.00 | Round, bedside practice | |
| | 10.00-11.00 | Written examination | |
| | 11.00- | Oral examination | |

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

(1 week)

30.03.2015-03.04.2015

(A1)

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
Group A1 (30.03.2015-03.04.2015)

| Date /Day | Time | Subject | Lecturer |
|------------------------|--------------|---|------------------|
| 30.03.2015 Monday | 08.30-09.00 | Welcome, Grand round, adaptation and practice | |
| | 09.00- 10:30 | Lecture: Scope of plastic surgery | Can Çınar |
| | 10.30- 11.45 | Lecture: Cosmetic surgery | Can Çınar |
| | 13.30- 15.30 | Lecture: Wound healing | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 31.03.2015 Tuesday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Breast cancer, treatment options & breast reconstruction | Can Çınar |
| | 13.30- 15.30 | Lecture: Maxillofacial trauma | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 1.04.2015 Wednesday | 08.30-09.00 | Round, bedside practice | |
| | 09.00- 10:30 | Lecture: Skin cancer | Uğur Anıl Bingöl |
| | 10.30- 11.45 | Lecture: Skin graft and flap | Can Çınar |
| | 13.30- 15.30 | Lecture: Burn and reconstructive surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 2.04.2015 Thursday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Cleft lip and palate | Can Çınar |
| | 13.30- 15.30 | Principles of hand surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 3.04.2015 Friday | 08.30-09.00 | Round, bedside practice | |
| | 10.00-11.00 | Written examination | |
| | 11.00- | Oral examination | |

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
(1 week)

18.05.2015-22.05.2015

(B2)

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
YEDİTEPE UNIVERSITY HOSPITAL
DEPARTMENT OF PLASTIC AND RECONSTRUCTIVE SURGERY

Group B2 (18.05.2015 - 22.05.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|--------------|---|------------------|
| 18.05.2015 Monday | 08.30-09.00 | Welcome, Grand round, adaptation and practice | |
| | 09.00- 10:30 | Lecture: Scope of plastic surgery | Can Çınar |
| | 10.30- 11.45 | Lecture: Cosmetic surgery | Can Çınar |
| | 13.30- 15.30 | Lecture: Wound healing | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 19.05.2015 Tuesday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Breast cancer, treatment options & breast reconstruction | Can Çınar |
| | 13.30- 15.30 | Lecture: Maxillofacial trauma | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 20.05.2015 Wednesday | 08.30-09.00 | Round, bedside practice | |
| | 09.00- 10:30 | Lecture: Skin cancer | Uğur Anıl Bingöl |
| | 10.30- 11.45 | Lecture: Skin graft and flap | Can Çınar |
| | 13.30- 15.30 | Lecture: Burn and reconstructive surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 21.05.2015 Thursday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Cleft lip and palate | Can Çınar |
| | 13.30- 15.30 | Principles of hand surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 22.05.2015 Friday | 08.30-09.00 | Round, bedside practice | |
| | 10.00-11.00 | Written examination | |
| | 11.00- | Oral examination | |

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY

(1 week)

25.05.2015 - 29.05.2015

(B1)

PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY**YEDİTEPE UNIVERSITY HOSPITAL****DEPARTMENT OF PLASTIC AND RECONSTRUCTIVE SURGERY****Group B1 (25.05.2015 - 29.05.2015)**

| Date /Day | Time | Subject | Lecturer |
|-------------------------|--------------|---|------------------|
| 25.05.2015 Monday | 08.30-09.00 | Welcome, Grand round, adaptation and practice | |
| | 09.00- 10:30 | Lecture: Scope of plastic surgery | Can Çınar |
| | 10.30- 11.45 | Lecture: Cosmetic surgery | Can Çınar |
| | 13.30- 15.30 | Lecture: Wound healing | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 26.05.2015 Tuesday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Breast cancer, treatment options & breast reconstruction | Can Çınar |
| | 13.30- 15.30 | Lecture: Maxillofacial trauma | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 27.05.2015 Wednesday | 08.30-09.00 | Round, bedside practice | |
| | 09.00- 10:30 | Lecture: Skin cancer | Uğur Anıl Bingöl |
| | 10.30- 11.45 | Lecture: Skin graft and flap | Can Çınar |
| | 13.30- 15.30 | Lecture: Burn and reconstructive surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 28.05.2015 Thursday | 08.00- 09.00 | Round, bedside practice | |
| | 09.00- 11.45 | Lecture: Cleft lip and palate | Can Çınar |
| | 13.30- 15.30 | Principles of hand surgery | Uğur Anıl Bingöl |
| | 15.30- | Round, bedside practice | |
| 29.05.2015 Friday | 08.30-09.00 | Round, bedside practice | |
| | 10.00-11.00 | Written examination | |
| | 11.00- | Oral examination | |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

THORACIC SURGERY

YEDİTEPE UNIVERSITY HOSPITAL

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

&

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

İrfan Yalçınkaya, MD. Assoc. Prof.

Cansel A. Öztürk, MD. Assoc. Prof.

S. Çağatay Tezel, MD. Assoc. Prof.

S. Volkan Baysungur, MD. Assoc. Prof.

| | |
|---|--|
| CLERKSHIP | THORACIC SURGERY <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 1. equip students with necessary knowledge, skills and attitudes required to recognize emergencies of major airways, pulmonary vascular structures, and other frequent pathologies, 2. equip students with necessary knowledge, skills and attitudes required to complete initial workup to confirm diagnosis, 3. equip students with necessary knowledge, skills and attitudes required to organize initial treatment as well as arranging quick transfer to a next level health center when needed, 4. provide students with necessary theoretical and practical training. |
| LEARNING OBJECTIVES <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE | <ol style="list-style-type: none"> 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 | <ol style="list-style-type: none"> 7.0. perform physical examination of a normal respiratory system and upper digestive system 8.0. do basic sutures 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 (<i>such as smoking cessation, colonoscopy, mammography, etc.</i>) |

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| | 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 follow-up postoperative patients according to vital parameters, fluid and electrolyte balance, and surgical drain outputs, |
| | 20.2. interpret correctly postoperative chest x-rays in order to plan appropriate management |
| | 21.0. refer patient to further health care centers upon indication |

THORACIC SURGERY

(1 week)

23.03.2015 - 27.03.2015

(A1)

YEDİTEPE UNIVERSITY & SÜREYYAPAŞA HOSPITAL

DEPARTMENT OF THORACIC SURGERY

Group A1 (23.03.2015 - 27.03.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|---------------|--|---|
| 23.03.2015 Monday | 08.00 - 08.45 | Bed side training | İrfan Yalçınkaya |
| | 09.00 - 09.45 | Bed side training | İrfan Yalçınkaya |
| | 10.00 - 10.45 | Practice, operating room | İrfan Yalçınkaya |
| | 11.00 - 11.45 | Practice, operating room | İrfan Yalçınkaya |
| | 13.00 - 13.45 | Introduction to thoracic surgery | İrfan Yalçınkaya |
| | 14.00 - 14.40 | Clinical Radiology, Case Reports | İrfan Yalçınkaya |
| | 14.50 - 15.30 | Surgical anatomy with surface landmarks and thoracic incisions | Cansel A. Öztürk |
| | 15.40 - 16.20 | Preoperative evaluation and diagnostic procedures in thoracic surgery | S. Volkan Baysungur |
| | 16.30 -17.10 | Tracheal Surgery | Sina Ercan |
| 24.03.2015 Tuesday | 08.00 - 08.45 | Bed side training | S. Volkan Baysungur |
| | 09.00 - 09.45 | Bed side training | S. Volkan Baysungur |
| | 10.00 - 10.45 | Practice, operating room | S. Volkan Baysungur |
| | 11.00 - 11.45 | Practice, operating room | S. Volkan Baysungur |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | S.Volkan Baysungur |
| | 14.00 - 14.40 | Thoracic trauma-I | Çağatay S. Tezel |
| | 14.50 - 15.30 | Spontaneous pneumothorax and bullous disorders | S. Volkan Baysungur |
| | 15.40 - 16.20 | Tracheobronchial & esophageal foreign bodies | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Thoracic trauma-II | İrfan Yalçınkaya |
| 25.03.2015 Wednesday | 08.00 - 08.45 | Bed side training | Çağatay S. Tezel |
| | 09.00 - 09.45 | Bed side training | Çağatay S. Tezel |
| | 10.00 - 10.45 | Practice, operating room | Çağatay S. Tezel |
| | 11.00 - 11.40 | Practice, operating room | Çağatay S. Tezel |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Çağatay S. Tezel |
| | 14.00 - 14.40 | Lung cancers and other tumors of the lung | Cansel A. Öztürk |
| | 14.50 - 15.30 | Surgical treatment of the pathologies of pleural cavity | S. Volkan Baysungur |
| | 15.40 - 16.20 | Chest wall diseases and surgical treatment | Çağatay S. Tezel |
| | 16.30 -17.10 | Inflammatory and infectious disease of lung | Çağatay S. Tezel |
| 26.03.2015 Thursday | 08.00 - 08.45 | Bed side training | Cansel A. Öztürk |
| | 09.00 - 09.45 | Bed side training | Cansel A. Öztürk |
| | 10.00 - 10.45 | Practice, operating room | Cansel A. Öztürk |
| | 11.00 - 11.45 | Practice, operating room | Cansel A. Öztürk |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Cansel A. Öztürk |
| | 14.00 - 14.40 | Mediastinal diseases and surgical treatment | Cansel A. Öztürk |
| | 14.50 - 15.30 | Video-assisted thoracoscopic surgery & robotic surgery in thoracic surgery | S. Volkan Baysungur |
| | 15.40 - 16.20 | Diaphragmatic disorders | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Esophageal diseases and surgical treatment | İrfan Yalçınkaya |
| 27.03.2015 Friday | 13.00 - 17.00 | Written and oral exam | Sina Ercan, İrfan Yalçınkaya, S. Volkan Baysungur, Çağatay S. Tezel, Cansel A. Öztürk |

THORACIC SURGERY

(1 week)

30.03.2015 - 03.04.2015

(A2)

YEDİTEPE UNIVERSITY & SÜREYYAPAŞA HOSPITAL

DEPARTMENT OF THORACIC SURGERY

Group A2 (30.03.2015 - 03.04.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|---------------|--|---|
| 30.03.2015 Monday | 08.00 - 08.45 | Bed side training | İrfan Yalçınkaya |
| | 09.00 - 09.45 | Bed side training | İrfan Yalçınkaya |
| | 10.00 - 10.45 | Practice, operating room | İrfan Yalçınkaya |
| | 11.00 - 11.45 | Practice, operating room | İrfan Yalçınkaya |
| | 13.00 - 13.45 | Introduction to thoracic surgery | İrfan Yalçınkaya |
| | 14.00 - 14.40 | Clinical Radiology, Case Reports | İrfan Yalçınkaya |
| | 14.50 - 15.30 | Surgical anatomy with surface landmarks and thoracic incisions | Cansel A. Öztürk |
| | 15.40 - 16.20 | Preoperative evaluation and diagnostic procedures in thoracic surgery | S. Volkan Baysungur |
| | 16.30 - 17.10 | Tracheal Surgery | Sina Ercan |
| 31.03.2015 Tuesday | 08.00 - 08.45 | Bed side training | S. Volkan Baysungur |
| | 09.00 - 09.45 | Bed side training | S. Volkan Baysungur |
| | 10.00 - 10.45 | Practice, operating room | S. Volkan Baysungur |
| | 11.00 - 11.45 | Practice, operating room | S. Volkan Baysungur |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | S.Volkan Baysungur |
| | 14.00 - 14.40 | Thoracic trauma-I | Çağatay S. Tezel |
| | 14.50 - 15.30 | Spontaneous pneumothorax and bullous disorders | S. Volkan Baysungur |
| | 15.40 - 16.20 | Tracheobronchial & esophageal foreign bodies | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Thoracic trauma-II | İrfan Yalçınkaya |
| 01.04.2015 Wednesday | 08.00 - 08.45 | Bed side training | Çağatay S. Tezel |
| | 09.00 - 09.45 | Bed side training | Çağatay S. Tezel |
| | 10.00 - 10.45 | Practice, operating room | Çağatay S. Tezel |
| | 11.00 - 11.40 | Practice, operating room | Çağatay S. Tezel |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Çağatay S. Tezel |
| | 14.00 - 14.40 | Lung cancers and other tumors of the lung | Cansel A. Öztürk |
| | 14.50 - 15.30 | Surgical treatment of the pathologies of pleural cavity | S. Volkan Baysungur |
| | 15.40 - 16.20 | Chest wall diseases and surgical treatment | Çağatay S. Tezel |
| | 16.30 - 17.10 | Inflammatory and infectious disease of lung | Çağatay S. Tezel |
| 02.04.2015 Thursday | 08.00 - 08.45 | Bed side training | Cansel A. Öztürk |
| | 09.00 - 09.45 | Bed side training | Cansel A. Öztürk |
| | 10.00 - 10.45 | Practice, operating room | Cansel A. Öztürk |
| | 11.00 - 11.45 | Practice, operating room | Cansel A. Öztürk |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Cansel A. Öztürk |
| | 14.00 - 14.40 | Mediastinal diseases and surgical treatment | Cansel A. Öztürk |
| | 14.50 - 15.30 | Video-assisted thoracoscopic surgery & robotic surgery in thoracic surgery | S. Volkan Baysungur |
| | 15.40 - 16.20 | Diaphragmatic disorders | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Esophageal diseases and surgical treatment | İrfan Yalçınkaya |
| 03.04.2015 Friday | 13.00 - 17.00 | Written and oral exam | Sina Ercan, İrfan Yalçınkaya, S. Volkan Baysungur, Çağatay S. Tezel, Cansel A. Öztürk |

THORACIC SURGERY

(1 week)

18.05.2015 – 22.05.2015

(B1)

YEDİTEPE UNIVERSITY HOSPITAL

DEPARTMENT OF THORACIC SURGERY

Group B1 (18.05.2015 – 22.05.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|-------------------------|--|---|
| 18.05.2015 Monday | 08.00 - 08.45 | Bed side training | İrfan Yalçınkaya |
| | 09.00 - 09.45 | Bed side training | İrfan Yalçınkaya |
| | 10.00 - 10.45 | Practice, operating room | İrfan Yalçınkaya |
| | 11.00 - 11.45 | Introduction to thoracic surgery | İrfan Yalçınkaya |
| | 13.10 - 13.50 | Surgical anatomy with surface landmarks and thoracic incisions | Cansel A. Öztürk |
| | 14.00 - 14.40 | Preoperative evaluation and diagnostic procedures in thoracic surgery | S. Volkan Baysungur |
| | 14.50 - 15.30 | Thoracic trauma I | Çağatay S. Tezel |
| | 15.40 - 16.20 | Thoracic trauma-II | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Tracheal Surgery | Sina Ercan |
| 19.5.2015 | NATIONAL HOLIDAY | | |
| 20.05.2015 Wednesday | 08.00 - 08.45 | Bed side training | S. Volkan Baysungur |
| | 09.00 - 09.45 | Bed side training | S. Volkan Baysungur |
| | 10.00 - 10.45 | Practice, operating room | S. Volkan Baysungur |
| | 11.00 - 11.45 | Diaphragmatic disorders | İrfan Yalçınkaya |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | S.Volkan Baysungur |
| | 14.00 - 14.40 | Lung cancers and other tumors of the lung | Cansel A. Öztürk |
| | 14.50 - 15.30 | Spontaneous pneumothorax and bullous disorders | S. Volkan Baysungur |
| | 15.40 - 16.20 | Tracheobronchial & esophageal foreign bodies | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Chest wall diseases and surgical treatment | Çağatay S. Tezel |
| 21.05.2015 Thursday | 08.00 - 08.45 | Bed side training | Çağatay S. Tezel |
| | 09.00 - 09.45 | Bed side training | Çağatay S. Tezel |
| | 10.00 - 10.45 | Practice, operating room | Çağatay S. Tezel |
| | 11.00 - 11.45 | Video-assisted thoracoscopic surgery & robotic surgery in thoracic surgery | S. Volkan Baysungur |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | İrfan Yalçınkaya |
| | 14.00 - 14.40 | Mediastinal diseases and surgical treatment | Cansel A. Öztürk |
| | 14.50 - 15.30 | Surgical treatment of the pathologies of pleural cavity | S. Volkan Baysungur |
| | 15.40 - 16.20 | Inflammatory and infectious disease of lung | Çağatay S. Tezel |
| | 16.30 -17.10 | Esophageal diseases and surgical treatment | İrfan Yalçınkaya |
| 22.05.2015 Friday | 13.00- 17.00 | Written and oral exam | Sina Ercan, İrfan Yalçınkaya, S. Volkan Baysungur, Çağatay S. Tezel, Cansel A. Öztürk |

THORACIC SURGERY

(1 week)

25.05.2015 – 29.05.2015

(B2)

YEDİTEPE UNIVERSITY & SÜREYYAPAŞA HOSPITAL

DEPARTMENT OF THORACIC SURGERY

Group B2 (25.05.2015 – 29.05.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|---------------|--|---|
| 25.05.2015 Monday | 08.00 - 08.45 | Bed side training | İrfan Yalçınkaya |
| | 09.00 - 09.45 | Bed side training | İrfan Yalçınkaya |
| | 10.00 - 10.45 | Practice, operating room | İrfan Yalçınkaya |
| | 11.00 - 11.45 | Practice, operating room | İrfan Yalçınkaya |
| | 13.00 - 13.45 | Introduction to thoracic surgery | İrfan Yalçınkaya |
| | 14.00 - 14.40 | Clinical Radiology, Case Reports | İrfan Yalçınkaya |
| | 14.50 - 15.30 | Surgical anatomy with surface landmarks and thoracic incisions | Cansel A. Öztürk |
| | 15.40 - 16.20 | Preoperative evaluation and diagnostic procedures in thoracic surgery | S. Volkan Baysungur |
| | 16.30 -17.10 | Tracheal Surgery | Sina Ercan |
| 26.05.2015 Tuesday | 08.00 - 08.45 | Bed side training | S. Volkan Baysungur |
| | 09.00 - 09.45 | Bed side training | S. Volkan Baysungur |
| | 10.00 - 10.45 | Practice, operating room | S. Volkan Baysungur |
| | 11.00 - 11.45 | Practice, operating room | S. Volkan Baysungur |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | S.Volkan Baysungur |
| | 14.00 - 14.40 | Thoracic trauma-I | Çağatay S. Tezel |
| | 14.50 - 15.30 | Spontaneous pneumothorax and bullous disorders | S. Volkan Baysungur |
| | 15.40 - 16.20 | Tracheobronchial & esophageal foreign bodies | İrfan Yalçınkaya |
| | 16.30 - 17.10 | Thoracic trauma-II | İrfan Yalçınkaya |
| 27.05.2015 Wednesday | 08.00 - 08.45 | Bed side training | Çağatay S. Tezel |
| | 09.00 - 09.45 | Bed side training | Çağatay S. Tezel |
| | 10.00 - 10.45 | Practice, operating room | Çağatay S. Tezel |
| | 11.00 - 11.40 | Practice, operating room | Çağatay S. Tezel |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Çağatay S. Tezel |
| | 14.00 - 14.40 | Lung cancers and other tumors of the lung | Cansel A. Öztürk |
| | 14.50 - 15.30 | Surgical treatment of the pathologies of pleural cavity | S. Volkan Baysungur |
| | 15.40 - 16.20 | Chest wall diseases and surgical treatment | Çağatay S. Tezel |
| | 16.30 - 17.10 | Inflammatory and infectious disease of lung | Çağatay S. Tezel |
| 28.05.2015 Thursday | 08.00 - 8.45 | Bed side training | Cansel A. Öztürk |
| | 09.00 - 09.45 | Bed side training | Cansel A. Öztürk |
| | 10.00 - 10.45 | Practice, operating room | Cansel A. Öztürk |
| | 11.00 - 11.45 | Practice, operating room | Cansel A. Öztürk |
| | 13.10 - 13.50 | Clinical Radiology, Case Reports | Cansel A. Öztürk |
| | 14.00 - 14.40 | Mediastinal diseases and surgical treatment | Cansel A. Öztürk |
| | 14.50 - 15.30 | Video-assisted thoracoscopic surgery & robotic surgery in thoracic surgery | S. Volkan Baysungur |
| | 15.40 - 16.20 | Diaphragmatic disorders | İrfan Yalçınkaya |
| | 16.30 -17.10 | Esophageal diseases and surgical treatment | İrfan Yalçınkaya |
| 29.05.2015 Friday | 13.00 - 17.00 | Written and oral exam | Sina Ercan, İrfan Yalçınkaya, S. Volkan Baysungur, Çağatay S. Tezel, Cansel A. Öztürk |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**CLINICAL ETHICS
YEDİTEPE UNIVERSITY FACULTY OF MEDICINE**

Elif Vatanođlu Lutz, MD. Assist. Prof.

| | |
|------------------|--|
| CLERKSHIP | CLINICAL ETHICS <i>Aim of this clerkship is to;</i> |
| AIM | 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 <i>At the end of this clerkship, student should be able to:</i> |
| KNOWLEDGE | 1.0. justify ethical principals by recognizing ethics problems and using basic ethics approach |
| | 2.0. define deontological sanctions recognizing part of medical deontology subjects besides legal subjects |
| | 3.0. outline importance of informed consent in every medical attempt |
| | 4.0. classify medical information systems in the framework of legal and ethical codes |
| | 5.0. evaluate doctor's attitude in terms of ethics in recognition of human rights concept in medicine (e.g. in cases of torture, convict patients' treatment rights, virginity control or dead penalty) |
| | 6.1. define communication, |
| | 6.2. classify communication techniques and concepts about communication, recognizing positive and negative aspects of various types of doctor-patient relationships |
| | 7.0. explain useful communication techniques in relationship with people who are desperately ill, recognizing people's different roles and different reactions as important bases in the presence of desperate cases |
| | 8.1. list concept of abortions and connected terms, |
| | 8.2. describe legal and ethical responsibilities in these cases |
| | 9.0 outline ethics approach and value conflicts about organ donation, considering complete legal regulations and ethical codes in the world and in our country |
| | 10.0 relate doctor's responsibility with ethical principles in distribution and use of medical sources |
| | 11.0 recognize respect for patient's privacy as a basic subject of medicine and doctors' social responsibility. |
| | 12.0 recognize ethical problems in usage of technology as new reproduction |

| | |
|---------------------|--|
| | methods |
| | 13.1. define ethical problems recognizing people's curiosity limit and doctor's social responsibility, |
| | 13.2. explain importance of genetic consultancy in terms of ethics and ethical problems considering cloning and genome projects. |
| | 14.0. list international and national regulations in the face of value problems that may occur in process of search and edition. |
| | 15.0. define code of ethics that are important to protect the rights of experimental subjects |
| | 16.0. relate concepts of illness and deformity involved in plastic surgery |
| | 17.0. explain systematically and critically the process of making decision about end of life |
| SKILLS | 18.0. use body language and verbal language in communication with patient in the right way |
| ATTITUDES | 19.0. emphasize suitable and full information in order to solve a problem |
| | 20.0. communicate in the right way while talking to and about patients at the end of life |
| | 21.0. improve the techniques about making rapid decision concerning the end of the life |
| | 22.0. empathize for comprehending importance of individual privacy |
| | 23.0. consult patient and or relatives without being a router |
| | 24.0. show respect for patient's privacy in academic and scientific environments |
| | 25.0. comprehend that honesty is the essential principle in process of research and publication stage |
| | 26.0. implement a sensitive policy for value conflicts and ethical dilemmas in order to justify them |
| COMPETENCIES | 27.0. use effective communication and conflict resolution skills being sensitive to value problems in relationship with patient |
| | 28.0. conduct a team work when necessary for dealing with pressure and anxiety arising from dying patient and relatives |
| | 29.0. make a multidisciplinary team work on organ donations by implementing a sensitive policy about organ donations and related value conflicts and ethical dilemmas |

CLINICAL ETHICS

(1 week)

17.10.2014-21.10.2014

(B)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE
CLINICAL ETHICS
Group B (17.10.2015 - 21.10.2015)

| Date /Day | Time | Subject | Lecturer |
|-------------------------|--------------|---|-------------------|
| 17.10.2014 Monday | 08.30-09.00 | Repeating the general medical ethics principles | Elif Vatanoglu,MD |
| | 09.00- 10:30 | Repeating physician-patient relationship models | Elif Vatanoglu,MD |
| | 10.30- 11.45 | Application of medical ethics principles to different physician-patient relationship models | Elif Vatanoglu,MD |
| 18.10.2014 Tuesday | 08.00- 09.00 | Explaining the interdisciplinary approach between medical law and medical ethics | Elif Vatanoglu,MD |
| | 09.00- 11.45 | Explaining the general perspective of medical law legislations in Turkey | Elif Vatanoglu,MD |
| | 13.30- 15.30 | Talking about some basic examples of international medical legislations which are different from Turkey | Elif Vatanoglu,MD |
| 19.10.2014 Wednesday | 08.30-09.00 | Analysis of different clinical ethics cases | Elif Vatanoglu,MD |
| | 09.00- 10:30 | The concept of malpractice and distinguishing complication and malpractice | Elif Vatanoglu,MD |
| | 10.30- 11.45 | Explaining the concept of physicians' liability | Elif Vatanoglu,MD |
| 20.10.2014 Thursday | 08.00- 09.00 | Analysis of some current issues in Turkey according to medical law and ethics: violence towards healthcare personell, mobbing to healthcare personell,healthcare transformation programme | Elif Vatanoglu,MD |
| | 09.00- 11.45 | History and meaning of patients' rights movement | Elif Vatanoglu,MD |
| | 13.30- 15.30 | Legal and ethical responsibilities of Turkish doctors during their obligatory service | Elif Vatanoglu,MD |
| 21.10.2014 Friday | 08.30-09.00 | Collecting the papers | Elif Vatanoglu,MD |

CLINICAL ETHICS

(1 week)

01.06.2015-05.06.2015

(A)

| YEDİTEPE UNIVERSITY FACULTY OF MEDICINE | | | |
|--|--------------|---|--------------------|
| CLINICAL ETHICS | | | |
| Group A (01.06.2015 - 05.06.2015) | | | |
| Date /Day | Time | Subject | Lecturer |
| 1.06.2015 Monday | 08.30-09.00 | Repeating the general medical ethics principles | Elif Vatanoğlu, MD |
| | 09.00- 10:30 | Repeating physician-patient relationship models | Elif Vatanoğlu, MD |
| | 10.30- 11.45 | Application of medical ethics principles to different physician-patient relationship models | Elif Vatanoğlu, MD |
| 2.06.2015 Tuesday | 08.00- 09.00 | Explaining the interdisciplinary approach between medical law and medical ethics | Elif Vatanoğlu, MD |
| | 09.00- 11.45 | Explaining the general perspective of medical law legislations in Turkey | Elif Vatanoğlu, MD |
| | 13.30- 15.30 | Talking about some basic examples of international medical legislations which are different from Turkey | Elif Vatanoğlu, MD |
| 3.06.2015 Wednesday | 08.30-09.00 | Analysis of different clinical ethics cases | Elif Vatanoğlu, MD |
| | 09.00- 10:30 | The concept of malpractice and distinguishing complication and malpractice | Elif Vatanoğlu, MD |
| | 10.30- 11.45 | Explaining the concept of physicians' liability | Elif Vatanoğlu, MD |
| 4.06.2015 Thursday | 08.00- 09.00 | Analysis of some current issues in Turkey according to medical law and ethics: violence towards healthcare personell, mobbing to healthcare personell,healthcare transformation programme | Elif Vatanoğlu, MD |
| | 09.00- 11.45 | History and meaning of patients' rights movement | Elif Vatanoğlu, MD |
| | 13.30- 15.30 | Legal and ethical responsibilities of Turkish doctors during their obligatory service | Elif Vatanoğlu, MD |
| 5.06.2015 Friday | 08.30-09.00 | Collecting the papers | Elif Vatanoğlu, MD |

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE IV**

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

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

Özlem Tanrıöver, MD Assoc. Prof.

Hale Arık Taşyikan, MD Assist. Prof.

| | |
|---|---|
| CLERKSHIP | EVIDENCE-BASED MEDICINE <i>Aim of this clerkship is to;</i> |
| AIM | <ol style="list-style-type: none"> 1. To convey how to access to the updated information that is needed in making decisions about the care of individual patients 2. To develop skills for using the obtained evidence. |
| LEARNING OBJECTIVES <i>At the end of this clerkship, student should be able to:</i> | |
| KNOWLEDGE, SKILLS, ATTITUDES | <ol style="list-style-type: none"> 1.0. Define <ol style="list-style-type: none"> 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. |
| | <ol style="list-style-type: none"> 2.0. Therapy/Prevention <ol style="list-style-type: none"> 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 |
| | <ol style="list-style-type: none"> 3.0 Diagnosis <ol style="list-style-type: none"> 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 |
| | <ol style="list-style-type: none"> 4.0 Communication Skills <ol style="list-style-type: none"> 4.1. identify common pitfalls to communicating evidence to patients 4.2. describe the steps to communicating evidence to patients 4.3. advocate and use the evidence based medicine approach |

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

(1 week)

24.11.2014-28.11.2014

(B)

YEDITEPE UNIVERSITY
EVIDENCE-BASED MEDICINE
Group B (24.11.2014-28.11.2014)

| Date /Day | Time | Subject | Lecturer /Facilitator |
|-------------------------|--------------|--|--|
| 24.11.2014 Monday | 09.00- 12.00 | Introduction to Evidence Based Medicine | Prof. Dr. Recep Erol SEZER |
| | 13:00 –17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER - Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| 25.11.2014 Tuesday | 09.00-09.50 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| | 10.00–12.00 | Epidemiologic research types and basic concepts I | Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| | 13.00-17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| 26.11.2014 Wednesday | 09.00- 11.00 | Epidemiologic research types and basic concepts II | Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 11.00-12:00 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 13.00-17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| 27.11.2014 Thursday | 09.00- 09.50 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 10.00-10.50 | Evaluation of diagnostic tests | Assoc. Prof. Dr. Özlem TANRIÖVER |
| | 11.00-12.00 | Confounding Factor- Bias- Types of bias | Assoc. Prof. Dr. Özlem TANRIÖVER |
| | 13.00-17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 09.00-10.00 | Final Exam | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER- Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| 28.11.2014 Friday | 10.30- 16.00 | EBM group presentations and dicussions | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER- Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |

**PUBLIC HEALTH
(EVIDENCE BASED MEDICINE)**

(1 week)

08.06.2015-12.06.2015

(A)

| <p style="text-align: center;">YEDITEPE UNIVERSITY EVIDENCE-BASED MEDICINE Group A (08.06.2015-12.06.2015)</p> | | | |
|---|---------------|--|--|
| Date /Day | Time | Subject | Lecturer /Facilitator |
| 08.06.2015 Monday | 09.00- 12.00 | Introduction to Evidence Based Medicine | Prof. Dr. Recep Erol SEZER |
| | 13:00 – 17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER - Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| 09.06.2015 Tuesday | 09.00-09.50 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| | 10.00–12.00 | Epidemiologic research types and basic concepts I | Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| | 13.00-17.00 | Independent group work for ebm presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr. Hale ARIK TAŞYIKAN |
| 10.06.2015 Wednesday | 09.00- 11.00 | Epidemiologic research types and basic concepts II | Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 11.00-12:00 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 13.00-17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| 11.06.2015 Thursday | 09.00- 09.50 | An EBM Story | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 10.00-10.50 | Evaluation of diagnostic tests | Assoc. Prof. Dr. Özlem TANRIÖVER |
| | 11.00-12.00 | Confounding Factor- Bias- Types of bias | Assoc. Prof. Dr. Özlem TANRIÖVER |
| | 13.00-17.00 | Independent group work for EBM presentations | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER - Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| 12.06.2015 Friday | 09.00-10.00 | Final Exam | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER- Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | 10.30- 16.00 | EBM group presentations and discussions | Prof. Dr. Recep Erol SEZER- Assoc. Prof. Dr. Özlem TANRIÖVER- Assisst. Prof. Dr.Hale ARIK TAŞYIKAN |
| | | | |

Assessment will be the sum of results of the written final exam, EBM group presentations and active participation to classes.

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