



**YEDİTEPE UNIVERSITY**

**FACULTY OF MEDICINE**

**PHASE VI**

**ACADEMIC PROGRAM**

*2009 - 2010*

*PHASE VI*

*INTERNSHIP PROGRAMMES*

INTERNAL MEDICINE	(2 months)
CHILD HEALTH AND PEDIATRICS	(2 months)
GENERAL SURGERY / EMERGENCY MEDICINE	(2 months)
OBSTETRICS AND GYNECOLOGY	(2 months)
RURAL MEDICINE	(2 months)
PSYCHIATRY	(1 month)
ELECTIVE	(1 month)

<b>ROTATIONS</b> <b>DATES</b>	<b>Internal Medicine</b>	<b>General Surgery/ Emergency Medicine</b>	<b>Obstetrics and Gynecology</b>	<b>Child Health and Pediatrics</b>	<b>Rural Medicine</b>	<b>Psychiatry Elective</b>
01.07.2009 / 31.07.2009 03.08.2009 / 31.08.2009	1	2	3	4	5	6
01.09.2009 / 30.09.2009 01.10.2009 / 30.10.2009	2	3	4	5	6	1
02.11.2009 / 30.11.2009 01.12.2009 / 31.12.2009	3	4	5	6	1	2
01.01.2010 / 31.01.2010 01.02.2010 / 28.02.2010	4	5	6	1	2	3
01.03.2010 / 31.03.2010 01.04.2010 / 30.04.2010	5	6	1	2	3	4
03.05.2010 / 31.05.2010 01.06.2010 / 30.06.2010	6	1	2	3	4	5

**2009-2010 STUDENT GROUPS**

**Group I**

Ali ÜLGEN  
Çiğdem İŞİTAN  
Ayşegül KOÇOĞLU  
Zümrüt ARSLAN  
Merve İLASLAN  
Oben KARAKUŞ  
Barış ATAY

**Group II**

Özge UMUR  
İpek GÜNGÖR  
Fatma ÇELİK  
Burçin YORGANCI  
İhsan GÜNER  
Demet AKACAN  
Ezgi YILDIRIM

**Group III**

Kübra EROL  
Bilge KALKAN  
Pınar VURGUN  
Elif YILMAZ  
Celine AVCI  
Veysel UMMAN  
Ahmet KARA

**Group IV**

Gülce ÇELİK  
İrem COŞKUN  
Selin ÖNDAŞ  
Anıl GÜNDÜZ  
Aras TULUNOĞLU  
Berkem ÖKTEN  
Emrah GERGIN  
Sinem YILMAZ

**Group V**

Salih ÇOLAKOĞLU  
Fevzi KANGÜL  
Elif KERVANCIOĞLU  
Oğuz EĞİLMEZ  
Seçil TAŞKIN  
Behiye KAVUNCUOĞLU  
Özlem ERANIL  
Irmak POLAT  
Merve MİLLİ

**Group VI**

Canan ÇETİNKAYA  
Merve ALÇIKAYA  
Merve KIROĞLU  
Büşra AKSOY  
Dilara ÖRGE  
Hasret SELİMOĞLU  
Ayşe BÜYÜKDENİZ

ACADEMIC YEAR 2009–2010

TRAINING PROGRAM FOR INTERNS

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PHASE VI

**INTERNAL MEDICINE  
(YEDITEPE UNIVERSITY HOSPITAL )**

*Head Of The Department Of Internal Medicine : Cengiz Pata, MD. Assoc. Prof.*

*Sami Kartı, MD. Assoc. Prof. of Hematology  
Yusuf Erzin, MD Assoc.. Prof.of Gastroenterology  
Başak Oyan Uluç, MD. Assoc.Prof.of Oncology  
Gülçin Kantarcı, MD. Assoc. Prof. of Nephrology  
Zehra Eren, MD Asist. Prof. of Nephrology  
Hasan Aydın, MD. Assist. Prof.of Endocrinology  
Müge Bıçakçığıl, MD. Assist. Prof. of Rheumatology*

The interns are trained for 2 months intervals under the responsibility of an instructor. All will work actively under the supervision of clinical department chiefs and instructors, like speciality trainees.

Theoretical and Practical Education Schedule:

Weekly day time work schedule of the students is between 08:30 - 16:30. Training is done on a basis of a weekly scheduling. Students will be evaluating patients by taking their anamnesis, medical histories and performing physical examinations, along with laboratory investigations, and consultations. All their patient findings should be documented daily. During daily visits of the patients with a supervisor, all students should prepare and present their own patients. Students should attend to the meetings of their clinical departments.

During their internal medicine training all are required to attend at least 3 night shifts (one at least during weekends). Night shifts will be held at either clinical departments or /and emergency.

At the end of their training, students will be evaluated and graded according to their inpatient, outpatient, laboratory, and patient-care skills along with their theoretical knowledge. The grading will be done as “passed” or “failed” with an overall evaluation score of 100.

## PHASE VI

### OBSTETRICS AND GYNECOLOGY

#### ROTATIONS:

1 month Yeditepe University Hospital

1 month Zeynep Kamil Training and Research Hospital

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

*Ateş Karateke, MD. Prof.*

*Celalettin Narter Yeşildađlar, MD. Assoc.Prof.*

*Rukset Attar, MD. Assist.Prof.*

*Gazi Yıldırım,,MD. Assist.Prof.*

*Banu Aygün, MD. Assist. Prof.*

The students will build upon knowledge and abilities for the following skills acquired during the rotation; in addition to the general medical history, the student will demonstrate an ability to obtain and understand the basic elements of reproductive history taking, in addition to the general medical physical examination, the student will demonstrate the appropriate sensitivity and skills necessary to perform a physical examination in pregnant or non pregnant patients. At the end of the program the students should be able to; coordinate normal delivery situation, and perform episiotomy, pre-, peri-, and post-natal care. Because of the importance of the sensitivity and intim nature of the gynecologic patient's history and physical examination, the students should gain specific skills at the end of the rotation.

Each student should attend to the weekly performed scientific seminars.

Daily work schedule of the students starts at 08:30 and ends at 16:30. Obstetrics shifts are 24 hour, which starts at 08:00 and lasts at the end of the following day same time.

In this shift work, students should work with their designated supervisor during all the time. Students should evaluate pre-natal and post-natal patients by taking their anamnesis, medical histories and performing physical examinations, along with laboratory investigations, and consultations. During the training time at least 15 babies are required to be delivered by every student.

The attendance to the work time is strictly required for both in faculty and related hospitals.

Every student should obey the working conditions and rules of each related hospital. Students who do not obey these requirements and resist against the routine disciplinary order will be expelled from the program along with a report to the Dean of the Medical Faculty.

For every student "An Intern Evaluation Form" will be designed.

At the end of the training program students will be also evaluated as "successful" according to their attendance.

At the end of their training the students will be evaluated and graded according to their antenatal, prenatal, delivery numbers, laboratory, and patient-care skills along with their theoretical knowledge. The grading will be done as "passed" or "failed" with an overall evaluation score of 100.

**CHILD HEALTH and PEDIATRICS  
(YEDITEPE UNIVERSITY HOSPITAL)**

*Head of the Department of Child Health and Pediatrics : Ayça Vitrinel, MD.Prof.*

*Mehmet Reha Cengizlier, MD.Prof.*

*Filiz Bakar, MD. Assoc.Prof.*

*Mustafa Berber, MD.Assist.Prof.*

*Hülya Ercan, MD.Assist.Prof.*

*Hande Özgün Karatepe, MD.Assist.Prof.*

*Ahmet Oğuzhan Özen, MD.Assist.Prof.*

*Mahir Gülcan, MD. Assist. Prof.*

*Suat Biçer, MD. Assist. Prof.*

The department defines the internship as an 2 months intensive clinical experience under the supervision and responsibility of a specialist. During the active clinical tasks, all interns will be working under the responsibility and supervision of the head of the department and the medical staff in charge. The head of the department is responsible from the attendance of the interns.

**Practical and Theoretical Education**

Working hours are from 08.30 to 16.30. Training of is carried out as shown in the schedule. Every intern is responsible to take part in every task of 3 or 5 of patients assigned to him/her. Obtaining an accurate history of the patient (anamnesis), physical examination, preparing the patient's file, organization of the laboratory and radiological examinations, preparing the schedule of treatment, presentation of the patients during case studies and lectures, and to summarize the important aspects of the history, physical exam and supporting lab tests and formulate a differential diagnosis as well as a plan of action that addresses both the diagnostic and therapeutic approach to the patient's problems are the important mile-stones of the daily tasks. Intern students of the pediatrics have to be on duty in clinics and/or emergency 3-days a week. The interns on duty, which are working under the responsibility and supervision of the physicians and specialist, are the first person in providing the medical aid and personal wishes of the inpatients. Intern medical students on duty are free in the following afternoon. The interns working in the outpatient clinics have clinical responsibilities, including medication and follow-up the patients.

Each student should design and present at least one seminar during his/her internship.

Following the internship period, evaluation of the performance will be based on overall clinical performance both in outpatient clinics and in hospital, sharing clinical responsibilities, laboratory and field-work skills, the attitudes toward patients, interaction with other interns and physicians, regular attendance at medical meetings, lectures and case studies, performance of the basic administrative and organizational skills involved in day-to-day medical care. Rating of students

## PHASE VI

### *RURAL MEDICINE*

#### ROTATIONS:

- 1 month Kartal Lütü Kırdar Training and Research Hospital
- 2 weeks Yeditepe University Hospital / Outpatient Clinic
- 1 week Maternal and Child Health Care Center,
- 1 week Tuberculosis Center, Kadıköy

Melda Karavus MD.Prof.  
Güldal İzbirak, MD Assist. Prof.  
Berrin Telatar, MD, Ph. D  
İsmet Tamer, MD.

#### GOALS:

The basic goal of this program is for the interns to gain insight and skills to maintain equality in the delivery of preventive and curative health services in the community. The enabling goals presented below will help to achieve this basic goal:

- to get insight as to the factors adversely affecting Public Health in Turkey
- to be able to evaluate social and cultural factors as well as biological factors concerning health services
- to gain skills to analyze the patients together with their environments and to be able to monitor them in that environment
- to be able to detect epidemiological problems in the community, to plan an epidemiological study, to collect data, to be able to analyze this data and present it as a thesis
- to be able to carry out qualitative as well as quantitative researches in the field
- to be able to find solutions to these epidemiological problems
- to learn about peripheric and central health organization in Turkey and compare them with other countries
- to learn about health manpower (job description, duties, responsibilities and their distribution) in Turkey

#### ENABLING OBJECTIVES

I. To be able to learn about the basic principles of health administration in primary health care institutions (Health Centers, Maternal and Child Health Care Centers etc.)

To this end the interns will be able to :

- learn about principles of team work in primary health care services
- learn about integration in primary health care services
- monitor individuals in places where they reside
- detect basic health problems in the community and to be able to solve them



- inspect and train health health personnel
- learn about risk approach in the field
- learn about intersectoral cooperation
- learn about concept of appropriate technology
- learn about referral chain
- apply health education
- apply basic emergency care in primary health care services
- detect environmental health problems and try to find solutions
- learn about primary, secondary, and tertiary level health services in Turkey
- learn about principles of Alma-Ata and its applications in Turkey
- carry out basic inservice training of health personnel working in primary health care services in Turkey
- record health care data and to learn about health information systems in Turkey
- learn about decentralization in health services
- learn about health resources distribution in Turkey
- learn about history of health services in Turkey
- learn about principles of modern and traditional medicine
- learn about Health 21 goals
- learn about Health Economics in Turkey and in other countries
- learn about basic demographic indicators in Turkey and in the world
- learn about recent population and health survey results in Turkey

## II.Preventive Health Services

- vaccination schedule in Turkey, concepts of herd immunity and cold chain
- biological and chemical examinationof water and food samples
- concepts of eradication and elimination of various infectious diseases in the community
- occupational health applications in Turkey
- safe handling of wastes
- food entitlement and basic nutritional problems in the community
- promotion of psychological health of individuals and risk groups in the community
- growth monitoring in children
- provision of essential drugs
- pregnancy monitoring in the field
- family planning education in the field
- concept of social disease and stigmatation in the community
- early diagnosis and screening in the community
- monitoring health in the elderly in the community
- monitoring health problems of school children
- health promotion in the field

## III.Curative Health Services

- Curative services dealing with diseases commonly seen in the field, fatal diseases seen in the field and diseases leaving frequent handicaps
- basic laboratory diagnosis in primary health care services
- principles of detecting and monitoring chronic and disabled individuals in the field and assesing their health needs  
their health needs

## PHASE VI

### PSYCHIATRY (HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL)

Mecit Çalışkan, MD. (Chief of Psychiatry Clinic)  
Gonca Kartal Erkıran, MD.

The psychiatry clerkship is a 1 month rotation for the 6th year medical students with a goal of preparing intern doctors to be able to interact with a wide variety of patients with mental diseases in psychiatry ward and be able to respond appropriately to the psychiatric patients' problems.

At the first day of the course students will be given an outline of specific course objectives, time and location of the orientation and detailed description of the rotation by the Associate Program Director of the Psychiatry Department.

The 6th year training program begins with morning report between 09.00 and 09.30 a.m. held five days per week, provides an opportunity for residents to discuss challenging cases with the chief residents. At the end of this meeting, the first attendance of the day is made regularly. Each intern doctor is expected to be on ward duty overnight at least 1 or 2 times of the course rotation. Overnight call begins at 12.00 a.m. in the week and begins at 09.30 a.m. at the weekend and location of the overnight call is inpatient clinics where hospitalized patients are taking medical care. The patients in the emergency clinic are seen, evaluated and closely supervised by the attending psychiatrist on call and intern doctors are expected to present a case they evaluated of the past 24 hours at the morning report. The intern is off the post call day after the morning report. If a student has to be absent more than 3 days without absence request form during the 4 week rotation, he/she is unable to pass the course or it may result in failure of the rotation.

During this 4 week rotation, interns are required to attend the following activities which are described in previous sections:

#### **INPATIENT CLINIC:**

Intern medical students on ward duty will be expected to follow medical inpatients under the supervision of the attending psychiatrists on the psychiatry department.  
(head of the department, vice-chairman, specialists, junior or senior assistant students.)

#### **OUTPATIENT CLINIC:**

Intern medical students will attend outpatient clinics supervised by the psychiatrist in charge (specialists and senior assistant doctors) and are required to have a patient examined and following patient evaluation to present the case they interviewed and examined by themselves in the teaching conferences. They also will be responsible to attend daily case presentations and daily review meetings, seminars, lectures, teaching rounds and case supervision submitted in the clinic.

At the end of the clerkship, evaluation of student performance will be based on overall clinical performance both in hospital and outpatient clinics, case papers, the attitudes toward patients, interest in psychiatry, participation in seminars and overnight calls, regular attendance at scientific meetings, lectures and case conferences, the level of scientific and practical knowledge and consulting skills. Ratings of students recorded with required projects and will be performed as 'passed' or 'failed' with an overall evaluation score of 100.

**GENERAL SURGERY / EMERGENCY MEDICINE  
(YEDITEPE UNIVERSITY HOSPITAL)**

*Head of the Department of General Surgery /  
Emergency Medicine*

*: Özcan Gökçe, MD. Prof.  
Mehmet Çağlı Külekçi, MD. Prof.*

*Alp Demirağ, MD Assoc. Prof.  
Murat Kalaycı, MD Assist. Prof.  
Baki Ekçi, MD Assist. Prof.*

*Sezgin Sarıkaya, MD Assist. Prof.  
Didem Ay, MD Assist. Prof.  
Aslı Çetin, MD Assist. Prof.  
Can Aktaş, MD Assist. Prof.*

The students who have been sent for 2 months rotation, work in outpatient, inpatient clinics, operation room and in other related services under the responsibility of a surgeon. They also take responsibility of patient care and work actively like the residents of the related clinic.

A training program has been given to the students at the beginning of each week and they are expected to work with and assist the residents. During the rotation the students should have been performed the following skills; taking history from the patient, analyzing laboratory tests, pre- and postoperative patient care, patient hospitalization/discharge, follow up. Each student should follow a definite number of beds. They are obligated to take care of their patients during the rotation.

Each intern doctor is expected to be on ward duty over night periodically. It is aimed to teach the student how to approach to the poly-traumatized patient and to the patient with acute surgical problems.

The students should attend to case presentations, seminars which are held in clinic.

At the end of the clerkship, evaluation of student performance will be based on overall clinical performance both in hospital and outpatient clinics, case papers, the attitudes toward patients, interest in psychiatry, participation in seminars and overnight calls, regular attendance at scientific meetings, lectures and case conferences, the level of scientific and practical knowledge and consulting skills. Ratings of students recorded with required projects and will be performed as passed or failed with an overall evaluation score of 100.

## *PHASE VI*

### *ELECTIVE*

The elective clerkship is a 1 month rotation for the 6th year medical students which has been chosen by the students from the clerkship programmes list of phase IV, V and VI.

Like the other rotations, evaluation of student performance will be based on overall clinical performance both in hospital and outpatient clinics, case papers, the attitudes toward patients, participation in seminars and overnight calls, regular attendance at scientific meetings, lectures and case conferences, the level of scientific and practical knowledge and consulting skills. Ratings of students recorded with required projects and will be performed as “passed “or “failed” with an overall evaluation score of 100.