



YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

PHASE VI

ACADEMIC PROGRAM

2010 - 2011

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)

ROTATIONS DATES	Internal Medicine	General Surgery/ Emergency Medicine	Obstetrics and Gynecology	Child Health and Pediatrics	Rural Medicine	Psychiatry Elective
01.07.2010 / 31.07. 2010 02.08. 2010/ 31.08. 2010	1	2	3	4	5	6
01.09. 2010 / 30.09. 2010 01.10. 2010/ 31.10. 2010	2	3	4	5	6	1
01.11. 2010 / 30.11. 2010 01.12. 2010 / 31.12. 2010	3	4	5	6	1	2
03.01.2011 / 31.01. 2011 01.02. 2011 / 28.02. 2011	4	5	6	1	2	3
01.03. 2011 / 31.03. 2011 01.04. 2011 / 30.04. 2011	5	6	1	2	3	4
02.05. 2011 / 31.05. 2011 01.06. 2011 / 30.06. 2011	6	1	2	3	4	5

2010-2011 STUDENT GROUPS

GROUP 1

CANAN ÇALIŞKAN
BERNA ALTUN
HATİCE MERVE BAKTIROĞLU
PELİN KUTEYLA ÜLKÜMEN
SERDAR ÖZKÖK
BUĞÇE TOPUKÇU
AYŞE PEHLEVAN
KUBİLAY SABUNCU
SİNEM DEMİRCAN
ULYA ÜSKENT

GROUP 2

PEMBE OKAYGÜN
AYŞENUR TEMEL
ALİ BARIŞ ŞEN
RECEP ERÇİN SÖNMEZ
KÜPRA ÖKSÜZ
AYŞE ARSLAN
ZİKİRİ ÖZTÜRK
ERALD RUÇİ
SEFA YENER

GROUP 3

SEBİLE DURMAZ
ASLI BAHAR UÇAR
ÖZGÜN KAYABAŞI
MEHMET ÖZVEREN
MÜGE ARSLAN
UĞUR ÇELİK
AZİZ KARA
EKİN CAN ÇELİK
NAİME BAŞAK ŞEKER
TUNA PEHLİVANOĞLU

GROUP 4

BURAK KINALI
ALİ MURAT KASAPOĞLU
MELİH CAN SEZGİÇ
EYÜP HALİT YARDIMCI
ÖVGÜ BÜKE
BEKRAN SARSILMAZ
REYHAN ÜNÜVAR
NİHAT BUĞDAYCI
YAĞMUR BİRSEV
CEREN YÖNDEM

GROUP 5

FATMA EDA NUHOĞLU
MANOLYA URAS
SEDA NİLÜFER VARDAR
NUMAN GÜRBÜZ
MAHMUT CANKAYA
EBRU ATMACA
BURAK ÖZAYDIN
EMEL ERDOĞAN
SEDA GÜNEŞLİ

GROUP 6

LATİF MUSTAFA ÖZBEK
LALE KAVAN
MÜBAREK KÖSOĞLU
MASUM KAYAPINAR
İSMAİL SEZİKLİ
MUHAMMET YUSUF AK
MEHMET ERDOĞAN
BURHANETTİN GÖRGÜLÜ
HALİL UMUT ÖNER

ACADEMIC YEAR 2010–2011

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, Prof. of Gastroenterology
Süleyman Lütfi Dinçer, MD, Prof. of Hematology
Gülçin Kantarcı, MD, Prof. of Nephrology
S.Sami Kartı, MD, Prof. of Hematology
Yaşar Küçükardalı MD, Assoc. Prof of Internal Medicine
Başak Oyan Uluç, MD, Assoc. Prof.of Oncology
Yusuf Erzin, MD, Assoc. Prof.of Gastroenterology
Hasan Aydın, MD, Assist. Prof.of Endocrinology
Müge Bıçakçığıl, MD, Assist. Prof. of Rheumatology
Zehra Eren, MD, Assist. Prof. of Nephrology*

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 Fıçıcıoğlu, MD.Prof.

Ateş Karateke, MD. Prof.

Celalettin Narter Yeşildağlar, MD. Assoc.Prof.

Aslı Somunkıran, , MD. Assoc.Prof.

Rukset Attar, MD. Assist.Prof.

Gazi Yıldırım,,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.

PHASE VI

CHILD HEALTH and PEDIATRICS (YEDITEPE UNIVERSITY HOSPITAL)

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

Mehmet Reha Cengizlier, MD, Prof. of Pediatric Allergy

Filiz Bakar, MD, Assoc.Prof. of neonatology

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. of Gastroenrelogy, hepatology and nutrition

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

RURAL MEDICINE

ROTATIONS:

- 1 month Dr. Lütfi Kırdar Kartal Training and Research Hospital
- 1 week Maternal and Child Health Care Center, Kadıköy
- 1 week Tuberculosis Center, Kadıköy
- 2 weeks Family Medicine

Osman Hayran MD.Prof. of Public Health
Güldal İzbirak, MD Assist. Prof.of Family Medicine

GOALS:

The major goal of this program is 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 major goal:

- to understand the factors affecting health of the public 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 personnel
- learn about risk approach in the field
- learn about intersectoral collaboration
- 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
- 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
- basic nutritional problems in the community
- promotion of 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 most common, fatal and disabling diseases
- 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

Problem-Based Learning

Problem-based learning (PBL) is an instructional method that challenges students to "learn to learn," working cooperatively in groups to seek solutions to real world problems. These

problems are used to engage students' curiosity and initiate learning the subject matter. PBL prepares students to think critically and analytically, and to find and use appropriate learning resources.

Characteristics of PBL are: Learning is driven by challenging, open-ended, practical problems. Students work in collaborative groups. Teachers take on the role as "facilitators" of learning. Instructional activities are based on learning strategies involving reasoning. In PBL, students are encouraged to take responsibility for their group and organize and direct the learning process with support from a tutor or instructor.

In Turkey some of the medical schools have incorporated problem-based learning into their curriculum, using real patient cases to teach students how to think like a clinician.

In Yeditepe University Medical School during the internship year, problem-based learning was implemented to Family Medicine rotation of the Rural Health. Since inception in 2008-2009 academic year, the students in a class of not more than 10 are presented a problem, likely to happen in a real scenario. A facilitator guides the students through the meetings throughout the day and helps with discussions and generating problem-solving skills. In the last meeting, students team up in groups, present their findings and suggest ways to solve the problem. The facilitator explains the 'ideal' solution after the students have all presented and students are encouraged to raise their opinions.

PHASE VI

PSYCHIATRY TRAINING PROGRAM FOR INTERNS (1 month HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL)

Mecit Caliskan, MD. (C.C.)

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 become interacting 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 be 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)**

Department of General Surgery

*Özcan Gökçe, MD, Prof.
Mehmet Çağlı Külekçi, MD, Prof.
Alp Demirağ, MD, Assoc. Prof.
Murat Kalaycı, MD, Assist. Prof.
Baki Ekçi, MD, Assist. Prof.*

Department of Emergency Medicine

*Sezgin Sarıkaya, MD, Assist. Prof.
Didem Ay, MD, Assist. Prof.
Aşlı 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.