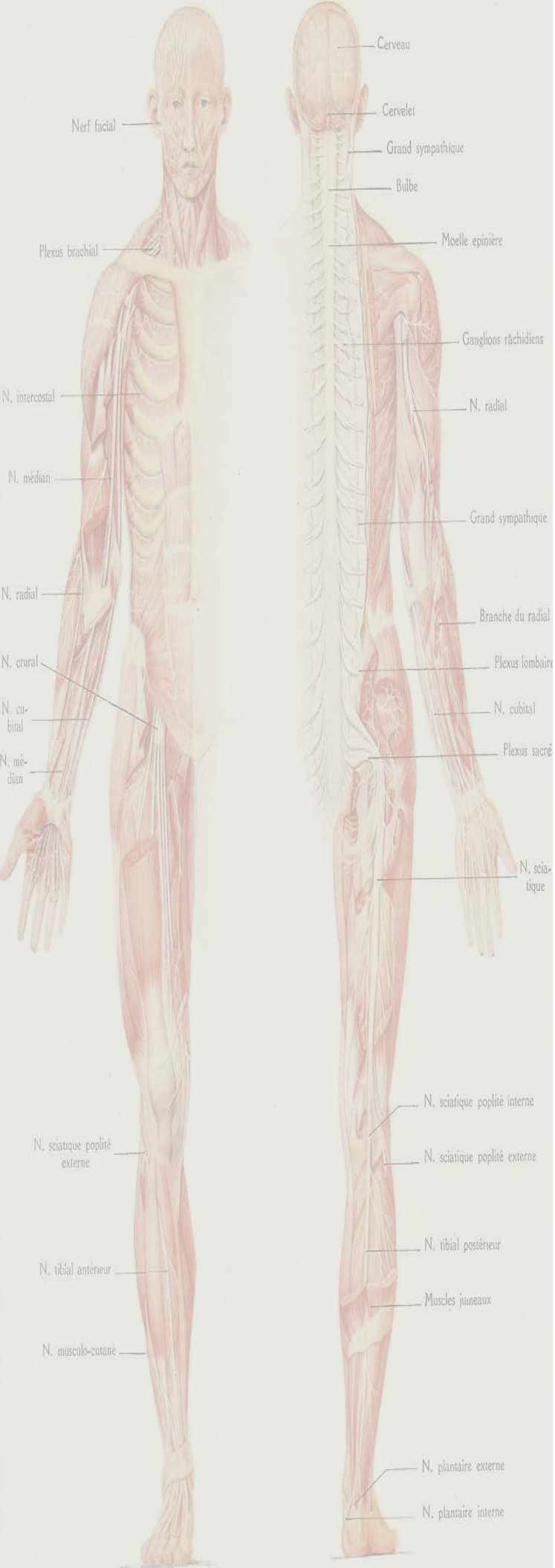
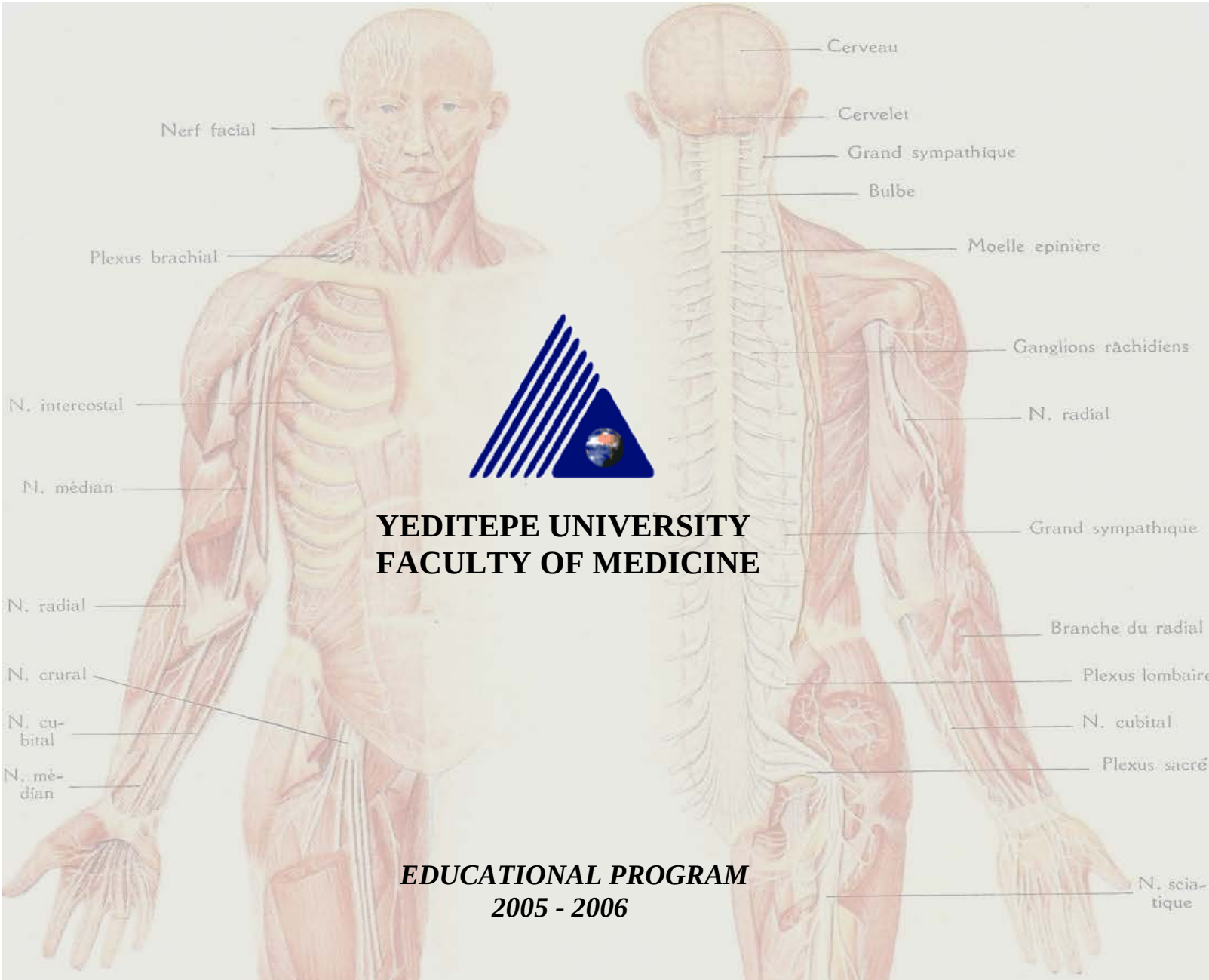


YEDITEPE UNIVERSITY
FACULTY OF MEDICINE

EDUCATIONAL PROGRAM
2005 - 2006



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EDUCATIONAL PROGRAM
2005 - 2006

26 Ağustos Yerleşimi Kayışdağı Caddesi 34755 Kayışdağı / Erenköy – İSTANBUL
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General Review Courses
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MESSAGE OF CHAİRMAN OF THE BOARD OF TRUSTEES

Bedrettin DALAN
Chairman of the Board of Trustees

RECTOR'S MESSAGE

Ahmet SERPİL, Ph.D., Prof.
Rector

MISSION OF THE YEDITEPE UNIVERSITY

Medical education is a challenge. Advances in molecular biology have begun to transform the practice of clinical medicine in many specialities and subspecialities.Determining the molecular pathophysiology of human disease and pharmacogenomics will provide opportunities for diagnosis, prevention and treatment, medical education is like a system that leads to inter relationships of signal transduction pathways, I wish a very succesfull year to the medical world of that way.

DEAN'S MESSAGE

Oral PEKTAŞ, MD., Prof.
Dean

PREFACE

Medicine is a learned and humane profession. Becoming a physician has meaning far beyond completing medical school. A medical doctor is not parttime professional. One is bound to love it or to leave it. We discuss the physician as scientist, as caregiver and the melding of these roles in the physician as professional.

True understanding of disease processes depends on levels of scientific knowledge which are Just being discovered. The physician as a professional needs a definition: one who serve to maintain the interest of patient above one's own self-interest.

One who has highest standards of excellence in the practice of medicine and dissemination of knowledge one has behaviors which sustain the interest and welfare of patients. Medical professionalism aspires to honor, integrity altruism, accountability, excellence, duty and respect for the others

This educational program for 2005-2006 is prepared after hard work for many times. I would like to thank C. D. İzbırak vice-dean, MD, PhD, for his patience in revieving the original manuscript, and The educational board of Yeditepe University Faculty of Medicine and all our colleques who helped for the commenting and preparing of this curricullum.

THE HIPPOCRATIC OATH

I SWEAR by Apollo the physician, and Aesculapius and Healt, and Allheal and all the gods and goddesses, that according to my ability and judgment, I will heed this oath and stipulation to reckon him who taught me this Art equally dear to me as my parents, to share my substance with him, and relieve his necessities if required; to look upon his offspring in the same footing as my own brothers, and to teach them this Art, if they shall wish to learn it, without fee or stipulation; and that by precept, lecture and every other mode of instruction, I will impart a knowledge of the Art to my own sons, and those of my teachers, and to disciples bound by a stipulation and oath according to the law of medicine, but to none other. I will follow that system of regimen which, according to my ability and judgment , I consider for the benefit of my patients, and abstain from whatever is deleterious and mischievous. I will give no deadly medicine to any one if asked, nor suggest any such counsel; and in like manner I will not give to a woman a pessary to produce abortion. With purity and with holiness I will pass my life and practise my Art. I will not cut persons laboring under the stone, but will ieave this to be done by men who are practitioners of this work. İnto whatever houses I enter, I will go into them for the benefit of the sick, and will abstain from every voluntary act of mischief and corcuption; and, further from the seduction of females or males, of freemen and slaves. Whatever, in connection with my professional practice or not, in connection with it, I see or hear, in the life of men, which ought not to be spoken of abroad, I will not divulge, as reckoning that all such should be kept secret. While I continue to keep this oath unviolated, may it be granted to me to enjoy life and the practice of the art, respected by all men, in all times! But should I trespass and violate this oath, may the reverse be my lot.

In 1948 in Geneva The World Medical Association drew up a modern version of the oath.

At the time of being admitted a member of the medical proffession:

I solemnly pledge myself to consecrate my life to the service of humanity;

I will give my teachers the respect and gratitude which is their due;

I will practise my proffession with conscience and dignity;

The health of my patient will be my first consideration;

I will respect the secrets which are confided in me, even after the patient has died;

I will maintain by all the means in my power, the honour and the noble traditions of the medical profession;

My colleagues will be my brothers and sisters;

I will not permit considerations of religion, nationality, race, party politics or social standing to intervene between my duty and my patient;

I will maintain the utmost respect for human life from the time of conception: even under threat I will not use my medical knowledge contrary to the laws of humanity.

I make these promises solemnly, freely and upon my honour.

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Associate Dean	Assist.Prof. of Internal Medicine and Gastroenterology
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Faculty Secretary	Zerrin ATICI

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EDUCATIONAL PROGRAM OF FACULTY OF MEDICINE

General information about educational and training program of Yeditepe University Faculty of Medicine

The education system of Yeditepe University Medical Faculty is combined system. Combined education defines the educational perspectives that are supported by different educational perspectives or methods such as classical or integrated systems.

The educational criteria depend on sufficiency, such as learning by doing and efficient learning with humanistic educational techniques.

Most of the lectures in the first two semesters of our educational program are planned by independent medical departments such as biochemistry, medical biology and genetics.

During the fifth and sixth semester, all systemic diseases are planned in an integrated educational system. Integrated lectures are summarized and became more individual components of the system.

A supervisor lecturer for every course has been appointed by dean of the Medical Faculty.

Mandatory and selective education periods have been planned for phase 4 and 5. It is also mandatory to take 79 weeks of clinical practice training (37 weeks for phase 4, 42 weeks for phase 5).

Before the seminar programs with a huge participation interrupting the relation of the students with clinics and taking a whole day have been cancelled. The seminars are scheduled during the medical education, and planned in subintern period.

Following completing the preclinical courses and subintern period with the minimum necessary credits, the students are allowed to continue family medicine practice as intern students.

THE AIM OF THE PREGRADUATION EDUCATIONAL PROGRAM OF OUR MEDICAL SCHOOL ACCORDING TO THE CORE PROGRAM

Coeducational program with all its details is now available and pressed (look there for details).

Our purpose is to train our students to become doctors (practitioners) who know Turkey's health challenges and who can primarily take care of these challenges with their knowledge, practice and behavior, who are able to practice medicine and able to become leaders in the primary healthcare institutions, who practice ethically, who have questioning and researching minds, who develop themselves continuously and who are acknowledged internationally.

THE TARGETS OF THE PREGRADUATION EDUCATIONAL PROGRAM OF OUR MEDICAL SCHOOL ACCORDING TO THE CORE PROGRAM

A) The information that needs to be known, learned, verified and practiced:

1) Grasping the normal structure and function of the organism and organ Systems
2) Describing the etiopathogenesis of disease (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, traumatic etc.)
3) Knowing, recognizing and describing cellular, biochemical and molecular mechanisms that regulate homeostasis
4) Recognizing the epidemiology of frequently occurring diseases and taking precautions to reduce their frequency
5) Recognizing economic, psychologic, social and cultural effectors that disturb human health
6) Describing the pathology and pathophysiology of various diseases
7) Selecting and ranking highly effective and scientific treatment methods for frequently occurring diseases
8) Comprehending the big picture for solving clinical problems
9) Ranking and interpreting clinical, biochemical, radiological and pathological results of frequently occurring diseases
10) Knowing how the healthcare is provided, financed and organized. Knowing and applying the legal aspects of medical practice
11) Recognizing and applying the initial appropriatr therapy for life-threatening disease, direct to appropriate facilities when necessary
12) Recognizing the risks that can cause illness or injure people and taking necessary precautions for those in advance
13) Knowing the ethics of medical science/art and deciding on the ethical problems that can especially occur in the beginning or at the end of life

CLINICAL MANİPULATIONS THAT SHOULD BE GAINED

1) Non-invasive techniques
   a) Taking detailed and reliable patient history
   b) Taking detailed information and diagnosing during physical examination
   c) Learning non-invasive techniques
2) Invasive techniques

Learning about medical invasive techniques that are frequently used in diagnosis and therapy (intravenous puncture, iv catheter placement, thoracentesis, lumbar puncture, placing nasogastric catheter, placing urinary catheter, suturing cuts, etc.)

PROFESSIONAL CONDUCT AND BEHAVIOR TARGETED TO BE GAINED

1) Recognizing the significance and applying life-long self learning
2) Behaving ethically in case of terminal illness
3) Providing healthcare for the poor and striving to provide healthcare to the underdeveloped regions
4) Being responsible to communicate with other professional groups, private and govermental health institutions and other related institutions in order to protect the health of the individual and the society
5) Giving priority to the interests of the patients over her/his interest
6) Behaving honestly, straightforward and consistently while interacting with the patient families, colleagues and other individuals throughout their professional life
7) Having effective verbal and written communication skills while interacting with patients, patients families, colleagues and relatede other individuals
8) Learning how to reach the knowledge for following scientific and technological development and changes in professional practice in order to satisfy society's needs and professional update
9) Recognizing and applying her/his scientific strength in diagnosing and treating diseases
10) Being compassionate, honest and reliable in patient-doctor relationship
11) Being respectful to patient and human rights and adopt the confidentiality principle of the patients information as a behavior pattern

A graduating student from the medical school –a doctor-is expected to reflect these targeted behavior at the end of her/his education.

Modernisation of the Laboratories in Basic and Clinical Medical Sciences
Yeditepe University Faculty of Medicine

1. CLINICAL SKILLS LABORATORY

Since 2005 a clinical skills laboratory exists at the Medical Faculty of Yeditepe University. We established a clinical skills laboratory including the basic equipment such as anatomical models, electronic simulators and, video cassettes. The term clinical skills refer to those applied professional skills that are necessary in encounters with patients The simulators and anatomical models allows medical students to practice basic skills such as recognizing cardiac sounds (normal and pathologic), suturing, central and peripheral vein access, pelvic exam, and prostate exam, just to name a few, prior to entering the clinical setting.

Among the available equipment, the one related to CPR (basic and advanced), deserves special attention. This equipment and facilities constitutes one of the most modern in the Medical Sciences Campus. Our objective while esatblishing was to provide hands-on learning experiences to our medical students for the practice of clinical skills . Improving the basic clinical skills will serve for a comprehensive approach to the patient-doctor relationship including medical interviewing, history taking, physical examination and non-invasive and invasive techniques which will strengthen the clinical training in clerkship programmes in the future.

The laboratory is located in the basement of the School of Medicine building (C441 – C442). These areas are reserved for clinical skills teaching, and are not available for lecture classes or meetings.

This facility is under the administrative supervision of the Family Medicine Department and supported from administratrive Board of Faculty. who is in charge of advising, establish standards and procedures, train faculty, and program the use of the Clinical Skills Laboratory in coordination with phase and department directors in undergraduate medical education .

2. ANATOMY LABORATORY

Our department contains two parts laboratories as anatomical models laboratory and dissection laboratory. Our laboratories consists of highly modern and accurate equipments for educations of medical students. We have all of part human body models; real and artificial bone and muscular models, extremities and joints, circulatory organs, head and nervous system models, digestive organs, eye and ear, urinary organs, teeth and jaw, genital organs, nose and tongue, larynx. All anatomical models are new and all have structural details and all models help to explain anatomical structures.
The human body cutting apart in our dissection laboratory, also providing facilities for research projects. The laboratory is furnished according to the principle of laboratory safety.
As a principle we think the anatomical education should be parallel to the real human body organisation so any medical student from the first years should follow the dissection techniques for describe the locations of structures, relationship between organs and systems on a human.

3. MICROBIOLOGY LABORATORY

Our laboratory consists of highly modern equipments for education of medical students, also providing facilities for their research projects. The laboratory is furnished according to the principle of laboratory safety. All microbiogical studies are performed in laminair safety cabinet with a maxi safety property. Each student has his own microscope to examine all the slides he prepares during the practice. Our microscopes are new and all have pointers to show and teach easily. The microscopes also have dark area and phase contrast attachments to distinguish the microorganisms. We have centrifuges with different rotors, shakers and incubators to do any microbiological analysis in our laboratory. As a principle we think the education should be parallel to the developments, so any medical student from the first years should follow the techniques for diagnosis and therapy. Today the molecular techniques are widely used worldwide and we present our students opportunity to work with molecular techniques like PCR and pulsed field gel electrophoresis. As a result, our microbiology laboratory provides practices to support the theoretical lessons in bacteriology, virology, mycology and parasitology.

4. PATHOLOGY LABORATORIES

There are 3 subgroups of working area in our pathology laboratories which is designed by the last generation products of medical technology:

1. Diagnostic studies
2. Educational studies
3. Research

1. Diagnostic studies: One of the main purposes of our laboratory is to diagnose the medical and surgical problems of the patients admitted to Yeditepe University Hospital.
The tissues, body fluids or blood, that are taken from the patients are processed by using some special techniques and are prepared for microscopic examination. After microscopic examination the diagnoses are given by the pathologists. The final pathology reports are directly sent into the hospital files via online laboratory information system (LIS).

2. Educational studies: The laboratory courses are given in the macroscopy and microscopy laboratories to the Medicine and Dentistry students. There are modern microscopes in the microscopy laboratory. The students can examine the cellular details of the tissues in the microscopy laboratory and they can examine lots of operation and autopsy materials with typical diseases in the macroscopy laboratory. Each student prepares "a thesis" about his/her interest in pathology and gives an oral presentation at the end of the semester.

3. Research: Our laboratories give opportunity to many scientific researches. Special histochemical techniques, immune-histochemistry and immune-fluorescence techniques can be applied. Three dimensional microscopy results can be taken during researches dealing with human and animal tissues. Digital photos can be taken during those researches, too.

Laboratory Facilities:

The gross examination of the tissue samples are handled in special macroscopy cabinets. The tissues are processed in full automatic tissue processors; either standard or microwave system. Two-to-four micrometer thick sections are taken from the paraffin embedded tissues by using automated microtomes and stained automatically.

The Pathology laboratory includes the followings: conventional histochemistry staining techniques, full automated immune-histochemistry, immune-flourescence, flow cytometry, computerized image analysis, and in situ hybridization.

In our cytopathology laboratory system both liquid based and conventional cytology techniques are performed. Smear slides, cyto-centrifuge slides and cell blocks can be prepared during the examination of body fluids. If necessary, immune-cytochemical studies can be applied during cytological examination of those materials.

5. BIOCHEMISTRY

Introduction of the structure of organic and inorganic molecules that make up the human organism, metabolism of these molecules, hormones and enzymes that regulate and catalyze these reactions are studied. Detailed information regarding metabolic disorders is also given. Students conduct experiments and learn how to evaluate and interpret results of blood and urine analyses in the diagnosis of disease.

Introduction of cell structure and functions, the molecules that make up human organism such as carbohydrate, lipid, protein, nucleic acid, nucleotide, macro ve micro minerals and vitamins are introduced. Biological membranes and transport, energy producing mechanisms, carbohydrate, lipid, protein, nucleic acid metabolism, xenobiotic metabolism, functions of hemoglobin, hormones and enzymes, mechanism of blood coagulation, and determination of activity of various digestive enzymes, blood glucose, serum total lipid, serum creatinine, serum urea levels, serum electrophoresis, urine analyses, urine and kidney stone analyses are accomplished.

In order to conduct these experiments, our laboratory is equipped with the most advanced technology. Homogenisers, centrifuges, pH meters, ultracentrifuges, electronic balances, DNA ve protein electrophoresis instruments, UV-visible spectrophotometer and High Performans Liquid Chromatography are all at the disposal of our students.

6. CLINICAL PHARMACOLOGY

Pharmacology is a rapidly growing science, its role and correlation in biomedical and related sciences and its impact on the clinical sciences and rational therapeutics are very significant. Reinterpretation of the actions and uses of drugs from the viewpoint of important advances in medicine, and placing emphasis on the application of pharmacodynamics to therapeutics are of outmost importance to us. Students conduct experiment to learn the drug science in depth. Pharmacokinetic and pharmacodynamic mechanisms, drug interactions, mechanism of drug dependence are investigated.

Dose dependent action of drugs, induction and inhibition of drug metabolizing enzymes and their impact in the therapeutic effectiveness of adjuvant drugs, dependence inducing drugs, induction of dependence in experimental animals, quantification of abstinence syndrome, differentiation of local and systemic effects of drugs, side effects of drugs, comparison of analgesic and antiinflammatory effects are accomplished.

In order to conduct these experiments, our laboratory is equipped with the most advanced technology. Homogenisers, centrifuges, pH meters, ultracentrifuges, electronic balances, DNA ve protein electrophoresis instruments, isolated organ baths, analgesimeters, stereotaxi apparatus, motor activity cage, UV-visible spectrophotometer and High Performans Liquid Chromatography are all at the disposal of our students.

7. PHYSIOLOGY

Physiology investigates the responses given by the body to various external stimuli and how the bodily functions are retained in a narrow range in a continuously changing environment. Physiology is the major area for medical people since in order for them to conduct their work properly, they need to know how the organism precisely works. Internal organs, feedback control mechanisms, internal balance, passage across membranes, communication inside the cell, membrane and action potentials, muscle contraction mechanisms, blood physiology, transport of blood gases, blood coagulation and immunity are studied. In addition to these, physiology of the heart, circulation, respiration, excretion, special senses, nervous system, endocrine system and fluid and electrolyte balance are also investigated.

Experiments regarding measurement of heart sounds, arterial pulse, blood pressure, ECG, blood cells and blood groups, respiratory function, endocrine control, gastrointestinal motility, intestinal smooth muscle functions, physiology of the special senses are conducted.

ACADEMIC SCHEDULE
2005-2006

BASIC MEDICAL SCIENCES
PHASE I/II

FALL SEMESTER

Last day for transfer application : September 01, 2005
Decleration of the results of transfer applications : September 5, 2005
Academic course registration for Phase II : September 5-9, 2005
Academic course registration for Phase I : September 19-21, 2005

FALL SEMESTER

Fall Semester Classes begin for the Second year : September 12, 2005
Fall Semester Classes begin for the First year : September 19, 2005
End of the Semester : December 23, 2005 **(14 Weeks)**
Midterm : October 24, 2005 - November 2, 2005
Make-up Examination : December 5-9, 2005
Final Examination : December 26, 2005 - January 6, 2006
Semester Holiday : January 9-22, 2006

SPRING SEMESTER

Beginning of the Semester : January 23, 2006
End of the Semester : May 5, 2006 **(15 Weeks)**
Midterm : March 13-24, 2006
Make-up Examination : April 17-21, 2006
Final Examination : May 15-26, 2006

Academic Holiday : October 31 –November 2, 2005
Academic Holiday : January 9, 2006

CLINICAL MEDICAL SCIENCES
PHASE III –VI

	Start Date	End Date
Phase III (35 weeks)	: Sept.05,2005	June 16,2006
Phase IV (36 weeks)	: Sept.05,2005	May 18,2006
Phase V (40 weeks)	: Sept.05,2005	June 09,2006
Phase VI (12 months)	: August01,2005	June 30,2006

Make-up Examination : June 19-23,2006 Phase III
Final Examination : June 26-30,2006 Phase III
Incomplete Examination : June 12-23,2006 Phase IV
July 17-28,2006 Phase III and V

THE UNDERGRADUATE MEDICAL EDUCATION AT A GLANCE

UNDERGRADUATE MEDICAL EDUCATION

6.Year

INTERNSHIP (12 months)

"GENERAL REVIEW LECTURES"

SUMMER HOLIDAY

5. Year

5. Year Clerkship Programmes (40 weeks)

SUMMER HOLIDAY

4. Year

4. Year Clerkship Programmes (36 weeks)

SUMMER HOLIDAY

3. Year

INTRODUCTION TO CLINICAL SCIENCES (INTEGRATED SYSTEM)

SUMMER HOLIDAY

2. Year

3. Fall Semester	**4. SpringSemester**

SUMMER HOLIDAY

1. Year

1. Fall Semester	**2. Spring Semester**

PREPARATION SCHOOL

PHASE I
Fall Semester

LECTURES	Theoretical	Practical	Credits
MDM 101 BIOISTATISTICS	2	-	2
BIO 130 MEDICAL BIOLOGY and GENETICS	2	-	2
MDM 130 MEDICAL ORGANIC CHEMISTRY	2	-	2
MDM 120 ANATOMY	1	2	2
MDM 160 MEDICAL PHYSICS	2	2	3
MDM 150 GENERAL HISTOLOGY and EMBRYOLOGY	1	-	1
MDM 140 INTRODUCTION TO FIRST AID and CLINICAL SKILLS PROGRAMME	-	2	1
MDM 181 ANATOMICAL DRAWING	2	-	2
PSY 110 BEHAVIORAL SCIENCE	2	-	2
MDM 155 HISTORY OF MEDICINE	2	-	2
MDM 171 MEDICAL COMPUTING	1	2	2
HTR 301 ATATURK'S PRINCIPLES and HISTORY OF MODERN TURKEY	2	-	
TKR 201 TURKISH LANGUAGE AND LITERATURE	2	-	
HUM 101 HUMANITIES	3	-	2

TOTAL CREDITS 23

PHASE I
Spring semester

LECTURES	Theoretical	Practical	Credits
MDM 102 BIOISTATISTICS	2	-	2
BIO 140 MEDICAL BIOLOGY and GENETICS	2	-	2
MDM 122 BIOCHEMISTRY	2	-	2
MDM 104 ANATOMY	4	2	5
MDM 103 PHYSIOLOGY	2	2	3
MDM 172 MEDICAL COMPUTING	1	2	2
MDM 182 ANATOMICAL DRAWING	2	-	2
MDM 255 MEDICAL DEONTOLOGY and ETHICS	2	-	2
MDM 151 GENERAL HISTOLOGY and EMBRYOLOGY	2	2	3
MDM 142 FIRST AID	2	-	2
HTR 301 ATATURK'S PRINCIPLES and HISTORY of MODERN TURKEY	2	-	
TKR 201 TURKISH LANGUAGE and LITERATURE	2	-	
HUM 102 HUMANITIES	3	-	2

TOTAL CREDITS 27

PHASE II
Fall Semester

LECTURES	**Theoretical**	**Practical**	**Credits**
MDM 242 BIOPHYSICS	3	-	3
MDM 222 ANATOMY	4	4	6
MDM 220 MICROBIOLOGY	3	2	4
MDM 213 PHYSIOLOGY	3	2	4
MDM221 BIOCHEMISTRY	2	4	4
MDM 231 SPECIAL HISTOLOGY and EMBRYOLOGY	2	2	3
MDM 240 IMMUNOLOGY	2	-	2
MDM 170 CLINICAL SKILLS I	-	2	1
MDM 250 COMMUNICATION SKILLS and HYPNOSIS IN MEDICINE	1	-	-

TOTAL CREDİTS 27

PHASE II
Spring Semester

LECTURES	Theoretical	Practical	Credits
MDM 241 BIOPYSICS	2	-	2
MDM 261 MICROBIOLOGY and PARASITOLOGY	3	2	4
MDM 223 BIOCHEMISTRY	2	4	4
MDM 232 SPECIAL HISTOLOGY and EMBRYOLOGY	2	2	3
MDM 201 ANATOMY	3	4	5
MDM 203 PHYSIOLOGY	3	2	4
MDM 233 GENERAL PHARMACOLOGY	3	2	4
MDM 230 GENERAL PATHOLOGY	4	2	5
MDM 172 CLINICAL SKILLS II	-	2	1
		TOTAL CREDITS	**32**

PHASE III

COMMITTEES

I. INFECTIOUS DISEASES SUBJECT COMMITTEE

II. CARDIOVASCULAR AND RESPIRATORY SYSTEMS SUBJECT COMMITTEE

III. HEMATOPOIETIC AND GASTROINTESTINAL SYSTEMS SUBJECT COMMITTEE

IV. ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS SUBJECT COMMITTEE

V. NERVOUS SYSTEM AND PSYCHIATRY SUBJECT COMMITTEE

VI. MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE

YEDITEPE UNIVERSITY SCHOOL OF MEDICINE
PHASE III 2005-2006

I . COMİTTEE **INFECTIOUS DISEASES SUBJECT COMMITTEE** **(4 WEEK)**	
Committee start date:	**5 SEPT 2005**
Committee end date:	**30 SEPT 2005**
Committee exam date:	**3-4 OCT 2005**
II . COMİTTEE **CARDIOVASCULAR AND RESPIRATORY SYSTEM SUBJECT COMMITTEE** **(8 WEEK)**	
Committee start date:	**5 OCT 2005**
Committee end date:	**2 DEC 2005**
Committee exam date:	**5-6 DEC 2005**
III. COMİTTEE **HEMATOPOIETICS AND GASTROINTESTINAL SYSTEM SUBJECT COMMITTEE** **(6 WEEK)**	
Committee start date:	**7 DEC 2005**
Committee end date:	**23 JAN 2006**
Committee exam date:	**26-27 JAN 2006**
IV . COMİTTEE **ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEM SUBJECT COMMITTEE** **(7 WEEK)**	
Committee start date:	**13 FEB 2006**
Committee end date:	**31 MAR 2006**
Committee exam date:	**3-4 APR 2006**

V . COMİTTEE **NERVOUS SYSTEM AND PSYCHIATRIC SYSTEM SUBJECT COMMITTEE** **(6 WEEK)**	
Committee start date:	**5 APR 2006**
Committee end date:	**16 MAY 2006**
Committee exam date:	**17-18 MAY 2006**
VI. COMİTTEE **MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE** **(4 WEEK)**	
Committee start date:	**22 MAY 2006**
Committee end date:	**16 JUN 2006**
Committee exam date:	**19-20 JUN 2006**
Mid-Break:	**15-30 JAN 2006**
Comprehensive Exam:	**30 JUN-1 JULY 2006**
Make-up Exam:	**2-3 SEP 2006**

Victory Day	30 AGUST 2005
Republic Day	29 OCT 2005
Ramadan Holiday	2-5 NOV 2005
Kurban Holiday	10-13 JAN 2006
Medical Day	14 MAR 2006
National Sovereignty and Children’s Day	23 APR 2006
Youth and Sport’s Day	19 MAY 2006

COMMITTEE I
SCHEDULE FOR INFECTIOUS DISEASES SUBJECT COMMITTEE
(5-30 September 2005)

DICIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB	DISCUSSION	TOTAL
MICROB and INFEC DISEASE	20		2	-	**22**
PHARMACOLOGY	12	-		-	**12**
PATHOLOGY	18		4	2	**24**
PUBLIC HEALTH	18	-		3 × 3	**21**
FAMILY MEDICINE	8	4 × 4		-	**12**
NUCLEAR MEDICINE	2	-		-	**2**
TOTAL	**78**	**4**	**6**	**5**	**93**

COMMITTEE II
SCHEDULE FOR CARDIOVASCULAR AND RESPIRATORY SYSTEMS SUBJECT COMMITTEE
(5 October 2005-2 December 2005)

DISCIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB.	DISCUSSION	CL. STUDY AND OTHER PRAC.	TOTAL
CARDIOLOGY	53		-	-	4	**57**
CHEST MEDICINE	35		-	-	2 × 4	**36**
PATHOLOGY	20		9	-	-	**29**
PHARMACOLOGY	24		-	-	-	**24**
PUBLIC HEALTH	8		-	4 × 2	-	**10**
FAMILY MEDICINE	11	4 × 4		-	-	**15**
RADIOLOGY	6		-	-	-	**6**
ENT DISEASES	4		-	-	-	**4**
NUCLEAR MEDICINE	3		-	-	-	**3**
CLINICAL MICROBIOLOGY	4		-	-	-	**4**
TOTAL	**168**	**4**	**9**	**2**	**8**	**191**

COMMITTEE III
SCHEDULE FOR HEMATOPOIETICS AND GASTROINTESTINAL SYSTEMS SUBJECT COMMITTEE
(7 December 2005-23 January 2006)

DISCIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB.	DISCUSSION	CL. STUDY AND OTHER PRAC.	TOTAL
GASTROENTEROLOGY	28		-	-	-	**28**
HEMATOLOGY	30		-	-	-	**30**
PATHOLOGY	22		2 ×12	-	-	**34**
PHARMACOLOGY	9		-	-	-	**9**
PEDIATRICS	9		-	-	-	**9**
PUBLIC HEALTH	9		-	2 × 3	-	**12**
FAMILY MEDICINE	8	4 × 4		-	-	**12**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	3		-	-	-	**3**
MEDICAL BIOLOGY	6		-	-	-	**6**
CLINICAL MICROBIOLOGY	**4**				-	**4**
TOTAL	**132**	**4**	**12**	**3**	**-**	**151**

COMMITTEE IV
SCHEDULE FOR ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS SUBJECT COMMITTEE
(13 February 2006-31 March 2006)

DISCIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB.	DISCUSSION	CL.STUDY AND OTHER PRAC.	TOTAL
ENDOCRINOLOGY	21		-	-	-	**21**
OBST AND GYNEC.	20		-	-	-	**20**
UROLOGY	8		-	-	-	**8**
NEPHROLOGY	12		-	-	-	**12**
PEDIATRICS	2		-	-	-	**2**
PHARMACOLOGY	18					**18**
PATHOLOGY	26		2 × 6			**32**
PUBLIC HEALTH	10		-	2 × 4	-	**14**
FAMILY MEDICINE	7	4 ×4		-	-	**11**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	5		-	-	-	**5**
MEDICAL BIOLOGY	9		-	-	-	**9**
CLINICAL MICROBIOLOGY	4		-	-	-	**2**
TOTAL	**146**	**4**	**6**	**4**	**-**	**160**

COMMITTEE V
SCHEDULE FOR NERVOUS SYSTEM AND PSYCHIATRY SUBJECT COMMITTEE
(5 April 2006-16 May 2006)

DISCIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB.	DISCUSSION	CL. STUDY AND OTHER PRAC.	TOTAL
NEUROLOGY	21		-	-	5 × 4	**25**
PSYCHIATRY	19		-	-	5 × 4	**23**
NEUROSURGERY	12		-	-	5 × 4	**16**
OPHTALMOLOGY	2		-	-	-	**2**
NEPHROLOGY	16		-	-	-	**16**
ANESTHESIA	2		-	-	-	**2**
PEDIATRICS	2		-	-	-	**2**
PHARMACOLOGY	14		-	-	-	**14**
PATHOLOGY	19		2 × 4	-	-	**23**
PUBLIC HEALTH	7		-	-	-	**7**
FAMILY MEDICINE	8	4 × 4		-	-	**12**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	1		-	-	-	**1**
MEDICAL BIOLOGY	2		-	-	-	**4**
CLINICAL MICROBIOLOGY	2		-	-	-	**2**
TOTAL	**131**	**4**	**4**	**-**	**12**	**153**

COMMITTEE VI
SCHEDULE FOR MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE
(22 May 2006-16 June 2006)

DISCIPLINE	LECTURE	CLİNİCAL SKİLLS LAB.	LAB.	DISCUSSION	TOTAL
NEUROLOGY	9		-	-	**9**
ORTHOPEDICS	26		-	2	**28**
PHYSICAL MED.&REH.	12		-	-	**12**
PHARMACOLOGY	6		-	-	**6**
PATHOLOGY	11		2 × 2	-	**13**
PUBLIC HEALTH	10		-	-	**10**
FAMILY MEDICINE	8	4 × 4		-	**12**
RADIOLOGY	4		-	-	**4**
NUCLEAR MEDICINE	1		-	-	**1**
CLINICAL MICROBIOLOGY	2		-	-	**2**
TOTAL	**89**	**4**	**5**	**2**	**100**

INTERNAL MEDICINE (12 Weeks) 05.09.2005 – 25.11.2005
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

CHILD HEALTH AND PEDIATRICS
(9 weeks)
28.11.2005 – 03.02.2006
KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL
EAH
(GROUP A)

GENERAL SURGERY (6 Weeks)
28.11.2005 – 06.01.2006
HAYDARPASA NUMUNE TRH
(GROUP B)

16-20.01.2006	23-27.01.2006	30.01-03.02.2006
THORACIC SURGERY (SIYAMI ERSEK) B1	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B1	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPASA NUMUNE) B1
CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B2	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPASA NUMUNE) B2	THORACIC SURGERY (SIYAMI ERSEK) B2
PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAA NUMUNE) B3	THORACIC SURGERY (SIYAMI ERSEK) B3	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B3

GENERAL SURGERY (6 Weeks)
06.02.2006 – 17.03.2006
HAYDARPASA NUMUNE TRH
(GROUP A)

20-24.03.2006	27-31.03.2006	03-07.04.2006
THORACIC SURGERY (SIYAMI ERSEK) A1	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A1	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A1
CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A2	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A2	THORACIC SURGERY (SIYAMI ERSEK) A2
PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A3	THORACIC SURGERY (SIYAMI ERSEK) A3	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A3

CHILD HEALTH AND PEDIATRICS
(9 weeks)
06.02.2006 – 07.04.2006
KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL

(GROUP B)

OBSTETRICS AND GYNECOLOGY (6 weeks) 10.04.2006 – 18.05.2006
ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING RESEARCH HOSPITAL

YEDITEPE UNIVERSITY SCHOOL OF MEDICINE
PHASE V 2005-2006

TİME OF THE COURSES	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)
05-16 September 2005	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY
(2 week)	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL
19-30 September 2005	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY
(2 week)	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY
03-14 October 2005	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY
(2 week)	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL
17-28 October 2005	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE
(2 week)	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH
31 Oct - 11 Nov 2005	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY
(2 week)	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM
14-25 November 2005	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY
(2 week)	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.
28 Nov -09 Dec 2005	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR
(2 week)	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.

TİME OF THE COURSES	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(7 STUDENTS)
12-30 December 2005	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.
(3 week)	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL
16 Jan-03 Feb 2006	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY
(3 week)	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH
06-24 February 2006	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY
(3 week)	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH
27 Feb-17 March 2006	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH
20 March -07 April 2006	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH
10-28 April 2006	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL
01-18 May2006	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY
(3 week)	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL
22May 09 Jun2006	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.
(3 week)	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.

	WHOLE CLASS
May 29-june 02 2006 1 week	CLINICAL ETHICS YUFM
05-09 June 2006 1 week	PUBLIC HEALTH YUFM

INTERNSHIP PROGRAMMES

- CHILD HEALTH AND PEDIATRICS (8 weeks)
- GENERAL SURGERY / EMERGENCY MEDICINE (8 weeks)
- ELECTIVE (4 weeks)
- INTERNAL MEDICINE (8 weeks)
- OBSTETRICS AND GYNECOLOGY (8 weeks)
- PSYCHIATRY (4 weeks)
- PUBLIC HEALTH (8 weeks)

ROTATIONS / DATES	Internal medicine	General Surgery/ Emergency medicine	Obstetrics/ Gynecology	Pediatrics	Public Health	Psychiatry / Elective
01.08.2005 / 31,08,2005 01.09.2005 / 23.09.2005	1	2	3	4	5	6
26.09.2005 / 21.10.2005 24.10.2005 / 18.11.2005	2	3	4	5	6	1
21.11.2005 / 16.12.2005 19.12.2005 / 13.01.2006	3	4	5	6	1	2
16.01.2006 / 10.02.2006 13.02.2006 / 10.03.2006	4	5	6	1	2	3
13.03.2006 / 07.04.2006 10.04.2006 / 05.05.2006	5	6	1	2	3	4
08.05.2006 / 02.06.2006 05.06.2006 / 30.06.2006	6	1	2	3	4	5

OFFICIAL HOLIDAYS

- **30 August 2005** — **Victory Day**
- **29 October 2005** — **Republic Day**
- **2-3-4-5 November 2005** — **Ramadan Feast**
- **01 January 2006** — **New Years Day**
- **10-13 January 2006** — **Feast of Sacrifice**
- **14 March 2006** — **Medicine Day**
- **23 April 2006** — **National Sovereignty and Children's Day**
- **19 May 2006** — **Day of Commemoration of Atatürk, Youth and Sport's Day**

GENERAL REVIEW COURSES OF MEDICINE EDUCATION PHASE IV

- **CURRICULUM DRAFT**

THE COMBINED REVIEW COURSES OF CLINICAL SCIENCE (x 4 Hours)

DICIPLINE	42 LECTURE (x 4 hours)
INTERNAL MEDICINE	9
CHILD HEALTH AND PEDIATRICS	9
GENERAL SURGERY	6
OBSTETRICS AND GYNECOLOGY	6
PATHOLOGY	6
PHARMACOLOGY	6

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (1 Surveillance + 1 General Evaluation + 2 Original TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
FEBRUARY	18:00	SURVEILLANCE EXAM
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	GENERAL EVALUATION EXAM

GENERAL REVIEW COURSES OF MEDICINE EDUCATION PHASE V

- **CURRICULUM DRAFT**

THE COMBINED REVIEW COURSES OF BASIC and CLINICAL SCIENCE (x 4 Hours)

DICIPLINE	**42 LECTURE (x 4 hours)**
INTERNAL MEDICINE	6
CHILD HEALTH AND PEDIATRICS	7
GENERAL SURGERY	4
OBSTETRICS AND GYNECOLOGY	4
PATHOLOGY	4
PHARMACOLOGY	4
BIOCHEMISTRY	4
MICROBIOLOGY	4
ANATOMY	4
NEUROLOGY	1

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (1 Surveillance + 1 General Evaluation + 2 Original TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
FEBRUARY	18:00	SURVEILLANCE EXAM
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	GENERAL EVALUATION EXAM

GENERAL REVIEW COURSES OF MEDICINE EDUCATION PHASE VI

- **CURRICULUM DRAFT**

BASIC AND CLINICAL SCIENCE COURSES (115 x 4 Hours)

DICIPLINE	LECTURE (x 4 hours)
INTERNAL MEDICINE	15
CHILD HEALTH AND PEDIATRICS	15
GENERAL SURGERY	12
OBSTETRICS AND GYNECOLOGY	12
PATHOLOGY	13
PHARMACOLOGY	12
BIOCHEMISTRY	12
MICROBIOLOGY	11
ANATOMY	10
NEUROLOGY	03

COURSE REPETITIONS (16 Courses x 5 Hours)

1. INTERNAL MEDICINE : 5
2. CHILD HEALTH AND PEDIATRICS : 3
3. GENERAL SURGERY : 1
4. OBSTETRICS AND GYNECOLOGY : 1
5. PATHOLOGY : 1
6. PHARMACOLOGY : 2
7. BIOCHEMISTRY : 1
8. MICROBIOLOGY : 1
9. ANATOMY : 1

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (9 + 2 ORIGINAL TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
NOVEMBER	18:00	**EXAM-1**
DECEMBER	18:00	EXAM-2
JANUARY	18:00	EXAM-3
FEBRUARY	18:00	EXAM-4
MARCH	18:00	EXAM-5
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	EXAM-6
JULY	18:00	EXAM-7
AUGUST	18:00	EXAM-8
AUGUST	18:00	EXAM-9

PHASE I CURRICULUM

FACULTY OF MEDICINE PHASE I

LECTURES

PHASE I	
FALL SEMESTER	**SPRING SEMESTER**
BIOSTATISTICS	BIOSTATISTICS
MEDICAL BIOLOGY and GENETICS	MEDICAL BIOLOGY and GENETICS
ANATOMY	BIOCHEMISTRY
MEDICAL ORGANIC CHEMISTRY	ANATOMY
GENERAL HISTOLOGY and EMBRYOLOGY	PHYSIOLOGY
MEDICAL PHYSICS	MEDICAL COMPUTING
INTRODUCTION TO FIRST AID and CLINICAL SKILLS PROGRAMME	FIRST AID
ANATOMICAL DRAWING	ANATOMICAL DRAWING
MEDICAL COMPUTING	MEDICAL DEONTOLOGY and ETHICS
BEHAVIORAL SCIENCE	GENERAL HISTOLOGY and EMBRYOLOGY
HISTORY OF MEDICINE	ATATURK'S PRINCIPLES and HISTORYOF MODERN TURKEY
ATATURK'S PRINCIPLES and HISTORYOF MODERN TURKEY	TURKISH LANGUAGE and LITERATURE
TURKISH LANGUAGE and LITERATURE	HUMANITIES
HUMANITIES	

YEDITEPE UNIVERSITY FACULTY OF MEDICINE 2005-2006 PHASE I, FALL SEMESTER
WEEKLY LECTURE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Medical Biology and Genetics BIO130 (Group 1)	Medical Biology and Genetics BIO130 (Group 1)	Biostatistics MDM101 (T)	Biostatistics MDM101 (T)		Medical Organic Chemistry MDM130	Medical Organic Chemistry MDM130	Humanities HUM101	
TUESDAY		Medical Computing MDM171	Medical Computing MDM171	Medical Computing MDM171		Medical Physics MDM160 (T)	Medical Physics MDM160 (T)	Medical Physics MDM160 (P)	Medical Physics MDM160 (P)
WEDNESDAY	Anatomy MDM120 (T)	Anatomy MDM120 (P)	Anatomy MDM120 (P)	Histology MDM150 (T)		History of Medicine MDM255 (T)	History of Medicine MDM255 (T)	Conference of Department of Basic Medical Sciences	Conference of Department of Basic Medical Sciences
THURSDAY	Anatomical Drawing MDM181	Anatomical Drawing MDM181	Behavioral Science PSY110 (Group 1)	Behavioral Science PSY110 (Group 1)		Behavioral Science PSY110 (Group 2)	Behavioral Science PSY110 (Group 2)	Introduction to First Aid and Clinical Skills Programme (P)	Introduction to First Aid and Clinical Skills Programme (P)
FRIDAY	Medical Biology and Genetics BIO130 (Group 2)	Medical Biology and Genetics BIO130 (Group 2)	Turkish Language and Literature TKL201	Turkish Language and Literature TKL201		Humanities HUM101	Humanities HUM101	Atatürk's Principles and History of Modern Turkey HTR301	Atatürk's Principles and History of Modern Turkey HTR301

YEDITEPE UNIVERSITY FACULTY OF MEDICINE 2005-2006 PHASE I, SPRING SEMESTER
WEEKLY LECTURE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Biochemistry MDM122 (T)	Biochemistry MDM122 (T)	Biostatistics MDM102 (T)	Biostatistics MDM102 (T)		Medical Biology and Genetics BIO140 (Group 1)	Medical Biology and Genetics BIO140 (Group 1)	Humanities HUM102	First Aid (T)
TUESDAY	First Aid (T)	Medical Computing MDM172 (T)	Medical Computing MDM172 (P)	Medical Computing MDM172 (P)		Medical Biology and Genetics BIO140 (Grup 2)	Medical Biology and Genetics BIO140 (Grup 2)	Humanities HUM102	Humanities HUM102
WEDNESDAY	Physiology MDM103 (T)	Physiology MDM103 (T)	Anatomy MDM104 (T)	Anatomy MDM104 (T)		Anatomy MDM104 (T)	Anatomy MDM104 (T)	Conference of Department of Basic Medical Sciences	Conference of Department of Basic Medical Sciences
THURSDAY	Anatomical Drawing MDM182	Anatomical Drawing MDM182	Anatomy MDM104 (P)	Anatomy MDM104 (P)		Physiology MDM103 (P)	Physiology MDM103 (P)	Atatürk's Principles and History of Modern Turkey HTR302	Atatürk's Principles and History of Modern Turkey HTR302
FRIDAY	Histology MDM151 (T)	Histology MDM151 (T)	Histology MDM151 (P)	Histology MDM151 (P)		Medical Deontology and Ethics MDM255 (T)	Medical Deontology and Ethics MDM255 (T)	Turkish Language and Literature TKL202	Turkish Language and Literature TKL202

GENERAL HISTOLOGY & EMBRYOLOGY

THEORETICAL:

Methods of study for cellular structures in histology
Microscopic tools and types of microscopes
Organelles and inclusions at LM and EM levels
Nucleus and cell division
Introduction to Embryology and Gametogenesis; Spermatogenesis
Gametogenesis; Oogenesis
Histology of Lining or Covering Epithelium
Histology of Glandular Epithelium
Histology of Connective tissue
Histology of Cartilage tissue
Histology of Bone tissue
Histology of Muscle tissue
Histology of Nervous tissue
Histology of Skin and Appendage
Week I; Fertilization
Week II: Bilaminar Embryo to Implantation
Week III: Gastrulation
Week III; Neurulation
Week IV; Folding Embryo or Body Forming
Formation of Basic Organs and Fetal Period
Congenital Malformations
Extraembrionic Structures and Delivery
Head and Face Development
Limb Development

PRACTICAL:

Organelles and inclusions at LM and EM levels
Nucleus and cell division
Histology of Lining or Covering Epithelium
Histology of Glandular Epithelium
Histology of Connective tissue
Histology of Cartilage tissue
Histology of Bone tissue
Histology of Muscle tissue
Histology of Nervous tissue
Histology of Skin and Appendage

BIOCHEMISTRY

THEORETICAL:

Cell structure and function
Biomolecules: Structure
- Carbohydrates
- Lipids
- Proteins
- Nucleic acids and nucleotides
- Enzymes

Oxidative phosphorylation
Biological membranes and transport
Vitamins
Macro and micro minerals
Plasma and muscle proteins

BIOSTATISTICS

THEORETICAL:

- Main concepts in biostatistics
  - Statistics
  - Population and sample
  - Descriptive and inductive statistics
  - Variable and graphs
- Frequency distributions
  - Raw Data
  - Arrays and frequency distribution
    - Common arrays
    - Sorted arrays
    - Grouped arrays
  - Class intervals and class limits
  - The size or width of a class interval
  - Types of frequency curves
- Measures of central tendency
  - Averages and measures of central tendency
    - The arithmetic mean
    - Weighted arithmetic mean
    - Geometric mean
    - Harmonic mean
    - Root mean square
  - Median
  - Mod
- Measures of central dispersion
  - The mean deviation
  - The Standard deviation
  - The variance
  - Moments, Skewness and Kurtosis
- Elementary probability theory
  - Classical definition of probability
  - Independent and dependent events
  - Discrete and continues probability distribution
  - Relation between population and sample mean and variance
- Distributions
  - Discrete probability distribution
    - Binomial probability distribution
    - Poisson probability distribution
  - The normal probability distribution
- Elementary sampling theory
  - Simple random sample
  - Systematic Random Sampling
  - Stratified Random Sampling
  - Cluster Sampling
- Statistical decision theory, test of hypotheses and significance
  - Tests of hypotheses and significance
  - Level of significance
  - Tests involving the normal distribution
  - Tests involving the binomial distribution

Test of hypotheses in large samples
- Testing for the population mean
- Testing for two population means
- Tests concerning proportions

Test of hypotheses in small samples
- Characteristics of Student t distribution
- A test for the population mean
- Comparing two independent population means
- Hypothesis testing dependent samples

Analysis of variance
- The F distribution
- Comparing two population variance
- The ANOVA test

Nonparametric Methods
- The Chi – square test
- Analysis of ranked data

Linear Regression and Correlation
- The coefficient of correlation
- Testing the significance of the correlation coefficient
- Regression analysis

Multiple regression and correlation analysis
- Multiple regression analysis
- Evaluating the regression equation

MEDICAL ORGANIC CHEMISTRY

THEORETICAL:

Structure and Bonding
Polar Covalent Bonds: Acids and Bases
Organic Compounds: Alkanes, Cycloalkanes, Alkenes, Alkynes: Reactions and Synthesis
Receptors, Receptor types, qualitative receptor-drug relationships
An Overview of Organic Reactions
Stereochemistry, stereoisomery
Alkyl Halides, Nucleophilic substitutions and eliminations
Aromaticity in drug molecules
Electrophilic aromatic Substitution
Alcohols and Phenols, usage in medical material and sterility
Drugs containing functional groups
Biomolecules: Carbohydrates
Biomolecules: Amino Acids, Peptides, and Proteins
Biomolecules: Lipids
Biomolecules: Heterocycles and Nucleic Acids
The organic chemistry of metabolic pathways
Synthetic Polymers
Pharmaceutical phase and relations with organic chemistry
Pharmacodynamic phase and relations with organic chemistry
Pharmakokinetic phase and and relations with organic chemistry

MEDICAL BIOLOGY AND GENETICS

THEORETICAL:

Introduction: From single cell to multicellular organisms
Prokaryotes and eukaryotes
Tools of Cell Biology
Biological Macromolecules
Nucleic Acids and Molecular Recognition process
Protein structure and function and the genetic code
DNA replication
DNA repair
DNA recombination
The cell cycle and the cell cycle checkpoints
Mitosis
Mitosis Lab (demonstration)
Meiosis
Transcription and translation machinery
Control of gene expression in prokaryotes
The organization and evolution of nuclear genomes
Chromosomal DNA and packaging
Regulation of gene expression in eukaryotes
Tools of molecular biology
Regulation of gene expression in development
Gene Therapy
Cellular aging and human cloning
Introduction to Genetics: Genes and DNA
Fundamentals of Mendelian Genetics
Chromosomes and Heredity
(Karyotype lab, demonstration)
Exceptions to Mendelian genetics: genetic linkage
X-linked inheritance and chromosomal aberrations
Extranuclear genomes (chloroplasts and mitochondria)
Cytogenetics
Gamete maturation and prenatal development
Prenatal diagnosis
Detection of nucleic acids and proteins
RFLP and DNA fingerprinting
Review of gene expression control in eukaryotes
Oncogenes and apoptosis
The cellular basis of immunity
Immunoglobulin gene rearrangements
Multifunctional heredity
Population genetics

PHYSIOLOGY

THEORETICAL:

Homeostasis; Bioelectric potentials
Transport of substances; Intercellular communication
Cell-to-cell adhesions; Signal transduction
Body fluids; Functional structures of heart and peripheral circulation
Capillary fluid exchange; Pathophysiology of edema formation
Smooth muscle; Aging
Skeletal muscle and exercise physiology
Composition and function of blood
Neuromuscular transmission
Peripheral nervous system, neurotransmitters
Synapses and neuronal integration
Spinal reflexes
Autonomic nervous system; General principles of renal physiology
Functional structures of the digestive system

PRACTICAL:

Cell Physiology
Muscle and exercise physiology
Blood
Neuromuscular control: Claude Bernard experiement
Spinal reflexes

ANATOMY

THEORETICAL:

MUSCULOSKELETAL SYSTEM
Introduction to anatomy,
Terminology,
Bones and joints; general considerations, Upper extremity bones,
Cranial bones; neurocranium,
Cranial bones; splanchnocranium,
Exterior and interior aspects of the skull,
General characteristics of a vertebra,
Vertebral column,
Thorax,
Lower extremity bones,
Skeleton of pelvis,
Classification of joints,
Joints of the upper extremity,
Joints of the trunk,
Joints of the lower extremity,
Radiology of extremities,
Muscles; general considerations,
Anterior and lateral neck,
Suboccipital region and deep muscles of the back,
Superficial structures of the face,
Infratemporal and pterygopalatine fossa,
Superficial back and posterior aspect of the shoulder,
Anterior aspect of the arm,
Pectoral region, mammary glands,
Anterior aspect of forearm and cubital fossa,

Posterior aspect of forearm,
Hand and wrist joint,
Brachial plexus and axillary region,
Posterior abdominal wall and lumbar plexus and sacral plexus,
Gluteal region and hip region,
Posterior aspect of the thigh and knee joint,
Anterior and medial aspect of thigh,
Anterior and lateral leg,
Posterior leg and popliteal fossa,
The foot.

PRACTICAL:

Upper extremity bones,
Cranial bones;
neurocranium,
Cranial bones;
splanchnocranium,
Exterior and interior aspects of the skull,
Vertebral column,
Thorax,
Lower extremity bones,
Skeleton of pelvis,
Joints of the upper extremity,
Joints of the trunk,
Joints of the lower extremity.
Anterior and lateral neck,
Suboccipital region and deep muscles of the back,
Superficial structures of the face,
Infratemporal and pterygopalatine fossa,
Superficial back and posterior aspect of the shoulder,
Anterior aspect of the arm,
Pectoral region,
mammary glands,
Anterior aspect of forearm and cubital fossa,
Posterior aspect of forearm,
Hand and wrist joint,
Brachial plexus and axillary region,
Posterior abdominal wall and lumbar plexus and sacral plexus,
Gluteal region and hip region,
Posterior aspect of the thigh and knee joint,
Anterior and medial aspect of thigh,
Anterior and lateral leg,
Posterior leg and popliteal fossa,
The foot

INTRODUCTION TO FIRST AID AND CLINICAL SKILLS PROGRAMME

Hand Washing
Wearing Steril Gloves
Pulse and Respiration Rate
Measuring Body Temperature
Measuring Blood Pressure

FIRST AID

THEORETICAL:

Introduction to the First Aid Programmes
Principles of First Aid
Legal Aspect of Emergency Care
Basic Life Support Adult
Basic Life Support Child
Emergency Airway Management
Near Drowing and Asphyxiation
Shock and Bleeding Control
Assesment of Traumatized Patient
Fractures and Dislocation
Chemical and Physical Agents
Animal and Insect Bite
General Approach to Injuries
The unconscious Causalty
Childhood Illness and Conditions
Emergency Childbirth
Drug Overdose and Poisoning

PRACTICAL:

Fractures and Dislocation
Basic Life Support

ANATOMICAL DRAWING

THEORETICAL:

The head,
Anterior view of the skull,
Side view of the skull,
The arms,
The bones of the left – right,
hand seen from the anterior face (the palm),
The hands,
The bones of the left – right,
hand seen from the anterior face (the palm),
The legs,
Anterior view of the bones of the right leg,
Posterior view of the bones of the right leg,
The feet bones,
The torso,
Anterior view of the bones of the torso,
The torso,
Rear view of the bones of the torso,
The spinal column,
Rear view of the spinal column,
The skelet,
Frontal view of the Skeleton,
The skelet,
Rear view of the Skeleton,
The skelet,
Lateral view,
The muscles,
Muscle structure outer,
Muscles frontal view of human body,

Full figure,
The muscles,
Muscle structure outer muscles rear view of human body,
Full figure.

MEDICAL COMPUTING

THEORETICAL:

Computer History,
Hardware,
Operating System,
Windows,
MS Word,
MS Excel Basic,
Internet,
MS Excel Functions,
MS Powerpoint,
Medical Informatics,
Hospital Information System,
Pharmacy Information System,
Patient Care System,
Hospital Automation,
Telemedicine,
Hospital & Ambulance Simulation System,
Public Health Information System.

BEHAVIORAL SCIENCE

THEORETICAL:

Introduction to Psychology and Behavioral Science;
Discovering psychology and behavioral science;
History of psychology;
States of Consciousness;
Consciousness, sleep, and dreams;
Hypnosis and drugs;
Memory;
Kinds of memory;
Remembering and forgetting;
The Biopsychosocial Model of Understanding Behavior in Health and Illness;
Case studies and formulations;
The Physician-Patient Relationship;
Developing the necessary skills to the psychological and emotional needs of patients;
Stress responses and treatment strategies;
Emotion, motivation;
Culture defines normality, disease, and health;
Major Psychological Theories of Human Behavior;
Psychoanalytic psychology;
Behavioral psychology;
Social learning theory;
Humanistic theory;
Cross-cultural approach, Multiple Theories of Childhood and Adolescent Development Piaget’s cognitive development Adult and Later-Life Development;
Erik Erikson’s model of human development;
The Psychology of Developmental Trauma;

Behavioral Genetics;
A synthesis of the Biopsychosocial Approach in Medical Care.

MEDICAL PHYSICS

THEORETICAL:

Introduction to Biological and Medical Physics;
Physical Measurements, scaler and vectorel;
Unit Standards;
Mechanics and Biomechanics;
Biomaterials;
Electricity;
Electrical, Magnetic and Electromagnetic Fields;
Bioelectronics;
Biological Effects of Electromagnetic Fields;
Electrical Security Systems in Medical Applications;
Optics and Biooptics;
Acustics and Bioacustics.

MEDICAL HISTORY

THEORETICAL:

Introduction to Medical History
Prehistoric Medicine, Primitive Medicine
Medicine in Mesopotamia
Medicine in Ancient Anatolia
Medicine in Ancient Egypt
Medicine in Ancient India
Medicine in Ancient China
Ancient Greek Medicine
Roman Medicine
Medicine in Middle ages (Western World)
Epidemics during middle ages
Medicine in Middle ages (Islamic World)
Avicenna, Razeh
Medicine during Renaissance
Vesalius and reform in Anatomy
Medicine during 17th century (age of Measurement)
Harvey and circulation of blood
Medicine in 18th century (ages of Theories)
Iatrophysics, iatrochemistry and vitalism
Medicine during 19th century
Pasteur and Koch
Seljukid Medicine
Medicine during Ottoman Empire
Modernization of Medical Education in Ottoman Empire
Medicine in Turkish Republic

MEDICAL DEONTOLOGY AND ETHICS

THEORETICAL:

Introduction to Medical Deontology
Hippocrat From Cos Island
Hippocratic Oath
Patients-Physician Relationship
Models in Patient-Physician Relationship
Physician-Physician Relationship
Responsibility of Physician

Confidentiality
Privacy in Health Care
Patients Rights
Truth-telling
Right to Refuse Treatment
Informed Consent
Turkish Medical Law

HUMANITIES

TURKISH LANGUAGE AND LITERATURE

ATATURK'S PRINCIPLES AND HISTORY OF MODERN TURKEY

PHASE II CURRICULUM

PHASE II	
FALL SEMESTER	**SPRING SEMESTER**
BIOPHYSICS	BIOPHYSICS
ANATOMY	MICROBIOLOGY and PARASITOLOGY
MICROBIOLOGY	BIOCHEMISTRY
PHYSIOLOGY	SPECIAL HISTOLOGY and EMBRYOLOGY
BIOCHEMISTRY	ANATOMY
SPECIAL HISTOLOGY and EMBRYOLOGY	PHYSIOLOGY
IMMUNOLOGY	GENERAL PHARMACOLOGY
CLINICAL SKILLS I	GENERAL PATHOLOGY
COMMUNICATION SKILLS and HYPNOSIS IN MEDICINE	CLINICAL SKILLS II

YEDITEPE UNIVERSITY FACULTY OF MEDICIN 2005-2006 PHASE II, FALL SEMESTER
WEEKLY LECTURE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Anatomy MDM222 (T)	Anatomy MDM222 (T)	Anatomy MDM222 (T)	Anatomy MDM222 (T)		Biophysics MDM242 (T)	Biophysics MDM242 (T)	Biophysics MDM242 (T)	Histology MDM231 (P)
TUESDAY	Anatomy MDM222 (P)	Anatomy MDM222 (P)	Anatomy MDM222 (P)	Anatomy MDM222 (P)		Microbiology MDM220 (P)	Microbiology MDM220 (P)	Clinical Skills (P)	Clinical Skills (P)
WEDNESDAY	Microbiology MDM220 (T)	Microbiology MDM220 (T)	Physiology MDM213 (P)	Physiology MDM213 (P)		Biochemistry MDM221 (T)	Biochemistry MDM221 (T)	Conference of Department of Basic Medical Sciences	Conference of Department of Basic Medical Sciences
THURSDAY	Biochemistry MDM221 (P)	Biochemistry MDM221 (P)	Biochemistry MDM221 (P)	Biochemistry MDM221 (P)		Microbiology MDM220 (T)	Immunology MDM240 (T)	Immunology MDM240 (T)	
FRIDAY	Physiology MDM213 (T)	Physiology MDM213 (T)	Physiology MDM213 (T)	Communication Skills and Hypnosis in Medicine MDM 250		Histology MDM231 (T)	Histology MDM231 (T)	Histology MDM231 (P)	

YEDITEPE UNIVERSITY FACULTY OF MEDICINE 2005-2006 PHASE II, SPRING SEMESTER
WEEKLY LECTURE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Pathology MDM230 (T)	Pathology MDM230 (T)	Pathology MDM230 (P)	Pathology MDM230 (P)	Microbiology MDM220 (T)	Microbiology MDM220 (T)	Microbiology MDM220 (T)	Pathology MDM230 (T)	Pathology MDM230 (T)
TUESDAY	Biophysics MDM241 (T)	Biophysics MDM241 (T)	Pharmacology MDM233 (T)	Pharmacology MDM233 (T)		Anatomy MDM201 (P)	Anatomy MDM201 (P)	Anatomy MDM201 (P)	Anatomy MDM201 (P)
WEDNESDAY	Histology MDM232 (T)	Histology MDM232 (T)	Histology MDM232 (P)	Histology MDM232 (P)		Biochemistry MDM203 (T)	Biochemistry MDM203 (T)	Clinical Skills (P) Conference of Department of Basic Medical Sciences	Clinical Skills (P) Conference of Department of Basic Medical Sciences
THURSDAY	Biochemistry MDM223 (P)	Biochemistry MDM223 (P)	Biochemistry MDM223 (P)	Biochemistry MDM223 (P)		Pharmacology MDM233 (T)	Anatomy MDM201 (T)	Anatomy MDM201 (T)	Anatomy MDM201 (T)
FRIDAY	Physiology MDM203 (T)	Physiology MDM203 (T)	Physiology MDM203 (T)	Pharmacology MDM233 (P)	Pharmacology MDM233 (P)	Physiology MDM203 (P)	Physiology MDM203 (P)	Microbiology MDM220 (P)	Microbiology MDM220 (P)

GENERAL PATHOLOGY

THEORETICAL:

Introduction to Pathology
Cellular injury
Cell death
- Degenerations
- Necrosis

Disturbances of Metabolism
- Disturbances of glycogen metabolism
- Disturbances of protein metabolism
- Disturbances of minerals
- Disturbances of pigments

Cell adaptations
Hemodynamic Disturbances
- Disorders of body water
- Disorders of circulation

Inflammation
- Acute inflammation
- Chronic inflammation
- Granuloma

Wound healing and tissue repair
- Regeneration
- Repair
- Healing of bone fractures

Immunopathology
- Pathology of Autoimmunity
- Transplantation pathology

Neoplasia and Oncology
- Tumor etiology and molecular biology of cancer
- Pathology of neoplasia
- Grading and staging

Enviromental Pathology
- Physical trauma
- Chemicals and enviromental pollution
- Pathology of athmospheric conditions
- Pathology of irradiation
- Pathology of drug abuse

Pathology of Genetic Diseases

PRACTICAL:

Tissue Sampling and handling
Tissue processing
Tissue stains and staining procedures
Cellular injury and Cell death
- Degenerations
- Necrosis

Disturbances of metabolism
- Disturbances of glycogen metabolism
- Disturbances of protein metabolism
- Disturbances of minerals
- Disturbances of pigments

Cell adaptations
Hemodynamic disturbances
    Disorders of body water
    Disorders of circulation
Inflammation
Wound healing and tissue repair
Immunopathology
Neoplasia and Oncology
Environmental Pathology

BIOCHEMSTRY

THEORETICAL:

Structure and function of erythrocytes
Structure and function of hemoglobin
Hemoglobin synthesis and degradation
Biochemical aspects of anemia

Fibrinolysis and coagulation
Carbohydrate metabolism
    Digestion and absorption
    Glycogenesis and glycogenolysis
    Glycolysis
    Pentose phosphate pathway
    Hormones effecting carbohydrate metabolism
Lipid metabolism
    Digestion and absorption
    Transport and storage
    Lipolysis
    Lipogenesis
    Oxidation of fatty acids
    Cholesterol
    Bile acids
    Triacylglycerol synthesis
    Disorders in lipid metabolism
    Ketone bodies
    Prostaglandins
    Hormones effecting lipid metabolism
Protein metabolism
    Digestion and absorption
    Catabolism of amino acids
    Urea cycle
    Individual amino acids; synthesis, degradation, disorders
Nucleic acid metabolism
Overview of intermediary metabolism
Integration of metabolism and provision of tissue fuel
Nutrition
Metabolism of xenobiotics
Hormones
    General principles of hormone action
    Hormones of pituitary and hypothalamus
    Thyroid hormones
    Regulation of calcium metabolism by hormones
    Hormones of the adrenal cortex
    Hormones of the adrenal medulla

Insulin
Glucagon
Hormones of the gastrointestinal system

PRACTICAL:

Spectrophotometry and spectrophotometric determinations
Buffer Solutions
Determination of α -amylase activity in saliva
Determination of blood glucose level
Total lipid determination in serum
Determination of creatinine in serum
Determination of urea in serum
Urine analysis
Glucose
Acetone
Protein
Hemoglobin
Urobilinogen
Urobilin
Bilirubin
Microscobic examination
Urinary and kidney stones

GENERAL PHARMACOLOGY

THEORETICAL:

General Pharmacology
Introduction to pharmacology
Absorption of drugs
Administration routes of drugs
Biogenic Amines and peptides
Pharmaceutical forms of drugs
Distribution of drugs
Biotransformation of drugs
Elimination of drugs
Clinical Pharmacokinetics
Mechanism of action of drugs
Factors that change drug action
Chemical carcinogenesis
Drug Toxicity
Drug Interaction principles
Mutagenic and teratogenic effects of drugs
New drug development principles
Autacoids and Drug Therapy of Inflammation
Introduction to autacoids, histamine and antagonists
Serotonin and antagonists
Bradykinin and antagonists
Eicosanoids and platelet-activating factor
Analgesic-Antipyretic and Antiinflammatory agents
Drugs used in the treatment of asthma
Chemotherapy of Microbial Diseases
General concepts
β lactam antibiotics
Chloramphenicol, tetracyclin and macrolides
Aminoglycosides
Sulfonamides, trimethoprim-sulfamethoxazole
Protein synthesis inhibitors
Antiseptics and disinfectants

Antimicobacterial drugs
Antifungal drugs
Antiviral drugs
Antiretroviral agents

In practical sessions they study:

Dose response relation in isolated preparations
Enzyme induction effect caused by barbiturates
Investigation of local and systemic effects of drugs
Side effects of drugs
Opioid tolerance and dependence induced in mice
Analgesic, antidepressant, anti-inflammatory and diuretic effects of drugs

MICROBIOLOGY

THEORETICAL:

History and scope of microbiology
Laboratory safety
Procaryotic and Eucaryotic cells
Bacterial classification
Microbial Growth and Metabolism;
Growth and cultivation of microorganisms
Collection and Transport of clinical specimens
Microbial evaluation and staining techniques
Setting up a microscope: Tutorial
Microflora of Different Environments
Normal flora
Microbial Pathogenesis: Mechanisms by which microorganisms create diseases
Antimicrobial agents, mechanisms of action and resistance
Antibiotic susceptibility tests
Viruses
Fungi
Sterilization and Disinfection
Diagnosis of an infectious disease
Gram positive cocci
Gram negative cocci
Gram positive aerobic bacilli
Gram positive anerobic bacilli
Gram negative bacilli
Mycobacteria
DNA viruses
RNA viruses
Slow viruses

PRACTICAL:

Wet mount technique: Direct and capsule staining
Staining techniques: Differential staining
Continuation of staining techniques: simple staining
Throat flora
Evaluation of skin flora
Antimicrobial susceptibility testing
Antimicrobial evaluation of disinfectants
Evaluation of Stool Flora

MICROBIOLOGY AND PARASITOLOGY

THEORETICAL:

Introduction to parasitology
Protozoa1 and 2
Helminths 1 and 2
Occupational health hazards of a health personnel

PRACTICAL:

Microscobic evaluation of protozoa and helminths
Fungi 1: Cultivation and staining: yeast
Fungi 2: Cultivation and staining: mould
Evaluation of a peripheral blood smear

SPECIAL HISTOLOGY AND EMBRYOLOGY

THEORETICAL:

Methods of study for cellular structures in histology
Organelles and inclusions at LM and EM levels
Nucleus and cell division
Introtuction to Embryology
Gametogenesis; Spermatogenesis and Oogenesis
Histology of Lining or Covering Epithelium
Histology of Glandular Epithelium
Histology of Connective tissue
Histology of Cartilage tissue
Histology of Bone tissue
Histology of Muscle tissue
Histology of Nervous tissue
Histology of Skin and Appendage
Week I; Fertilization
Week II: Bilaminar Embryo to Implantation
Week III: Gastrulation
Week III; Neurulation
Week IV; Folding Embryo or Body Forming
Formation of Basic Organs and Fetal Period
Congenital Malformations
Extraembrionic Structures and Delivery
Head and Face Development
Limb Development
Histology of Circulatory Systems
Development of the Circulatory Systems
Histology of the Respiratory Systems; Conducting Portions and Respiratory Portions
Development of the Respiratory Systems
Blood & Haemopoesis
Histology of Lymph Organs
Development of Lymph Organs
Histology of Upper Gastrointestinal Tract
Histology of Lower Gastrointestinal Tract
Histology of APUD System
Gland Associated with the Digestive System
Development of the Digestive System
Histology of Urinary System
Development of the Urinary System
Histology of Central Nervous System

Development of the CNS
Histology of Endocrine System
Development of the Endocrine Systems
Histology of Sensory Organs (Ear)
Histology of Sensory Organs (Eye)
Development of the Ear and Eye
Histology of the Male Genital System
Histology of the Female Genital System
Development of the Reproductive System

PRACTICAL:

Organelles and inclusions at LM and EM levels
Nucleus and cell division
Histology of Lining or Covering Epithelium
Histology of Glandular Epithelium
Histology of Connective tissue
Histology of Cartilage tissue
Histology of Bone tissue
Histology of Muscle tissue
Histology of Nervous tissue
Histology of Skin and Appendage
Histology of Circulatory Systems
Histology of the Respiratory Systems; Conducting Portions and Respiratory Portions
Histology of Lymph Organs
Histology of Upper Gastrointestinal Tract
Histology of Lower Gastrointestinal Tract
Gland Associated with the Digestive System
Histology of Urinary System
Histology of Central Nervous System
Histology of Endocrine System
Histology of Sensory Organs
Histology of the Male Genital System
Histology of the Female Genital System

ANATOMY

THEORETICAL:

RESPIRATORY AND CARDIOVASCULAR SYSTEM
The nose, associated structures and paranasal sinuses,
The pharynx,
The larynx,
The trachea and the lungs,
The thoracic wall,
The diaphragm and the mediastinum,
Heart and pericardium,
The root and the neck,
Anatomy of the vessels (arterial and venous system),
Anatomy of lymphoid organs; Lymphoid circulation.
GASTROINTESTINAL SYSTEM
Oral cavity and intraoral structures,
Salivary glands,
Temporomandibular joint, muscles of mastication,
Anterior abdominal wall, inguinal canal,
Peritoneum and omenta,

Esophagus, stomach, duedonum and pancreas,
Vessels of the abdomen,
Liver, biliary and portal system,
Jejunum, ileum and colon,
Rectum and anal canal,
Kidney and ureter,
Bladder and urethra.
NERVOUS AND ENDOCRINE SYSTEM
Introduction to the central nervous system,
General structure of the spinal cord,
Spinal cord: Ascending pathway,
Spinal cord: Descending pathway,

Brain stem,
Cerebellum,
Cerebral cortex: functional areas and general topography,
Meninges and dural sinuses of the brain,
Brain ventricles and subarachnoid spaces,
Vessels of the CNS,
Thyroid and parathyroid glands,
Adrenal and thymus glands,
Hypotalamus and pituitary gland,
Limbic system and pineal gland,
Thalamus; Basal ganglia and subthalamus, Cranial nerves,
Autonomic nervous system: Sympathetic;
Autonomic nervous system: Parasympathetic Orbits and its contents;
Visual pathway,
The ear;
Vestibular system and auditory pathway,
Pelvis and perineum,
The nerves and vessels of the pelvis,
Male genital organs,
Female genital organs.

PRACTICAL:
RESPIRATORY AND CARDIOVASCULAR SYSTEM
The nose, associated structures and paranasal sinuses;
The pharynx; larynx,
The trachea and the lungs,
The thoracic wall, the diaphragm and mediastinum,
Heart and pericardium,
The root and the neck, lymphatic organs and lymphoid circulation.
GASTROINTESTINAL SYSTEM
Oral cavity and intraoral structures,
Salivary glands, temporomandibular joint, muscles of mastication,
Anterior abdominal wall, inguinal canal,
Peritoneum and omenta,
Esophagus, stomach, duedonum and pancreas,
Vessels of the abdomen,
Liver, biliary and portal system,
Small and large intestine, rectum and anal canal,
Kidney and ureter;
Bladder and ureth
NERVOUS AND ENDOCRINE SYSTEM
Spinal cord,
Brain stem,

Cerebellum,
Cerebral cortex: functional areas and general topography,
Meninges and dural sinuses of the brain,
Brain ventricles and subarachnoid spaces,
Vessels of the CNS,
Thyroid, parathyroid, adrenal and thymus glands,
Hypotalamus, pituitary, limbic system and pineal gland,
Basal ganglia, thalamus, subthalamus,
Cranial nerves,
Autonomic nervous system,
Orbits and its contents,
The ear,

Pelvis and perineum,
The nerves and vessels of the pelvis,
Male genital organs,
Female genital organs.

PHYSIOLOGY

THEORETICAL:

Physiological properties of cardiac muscle; Regulation of cardiac function
Cardiac cycle
Principles of hemodynamics; Regulation of blood flow
Heart sounds; Arterial pulse; Cardiac output, circulation through specific organs
Regulation of blood pressure
Principles of ECG; Coronary circulation
White and red blood cells; Blood groups
Platelets; coagulation and fibrinolysis
Alveolar ventilation; Diffusion
Transport of gases; Regulation of respiration
Physiology of aviation, space, high altitude and deep sea diving
Thyroid gland
Endocrine pancreas
Adrenal cortex hormones; Adrenal medullary hormones
Introduction to gastrointestinal physiology: gut peptides
Oral digestion and deglutition; Gastric digestion
Exocrine functions of the pancreas the role of bile in digestion
Digestion in small and large intestines, gastrointestinal absorption
Energy metabolism, energy turnover and balance
Body temperature and its regulation, Physiological functions of vitamins
Renal circulation and glomerular functions; Acid-base balance
Tubular functions; Micturition
Female and male reproductive systems
Brain stem and reticular formation; Limbic system; Learning, memory and speech
Cerebrospinal circulation; Motor cortex and corticospinal system
The basal nuclei; Cerebellum
Physiology of hearing and vision vestibular system
Chemical senses; Cutaneous senses; Physiology of plain

PRACTICAL:

Heart sounds; Arterial pulse
Blood pressure measurement
Principles of ECG
Blood cells and blood groups
Pulmonary function tests

Endocrine control: experimental studies
Gastrointestinal motility and gut smooth muscle function
Renal function tests
Physiology of hearing and vision

BIOPHYSICS

THEORETICAL:

Introduction to Biophysics, Basic Concepts, Biological hierarchy
Matter-Energy and information exchange; Chemical bonds.
Information; From basic particles to United Nations.
Molecular composition of cell, water as a life medium.

Concept of pH, cellular control of pH, buffer systems.
Proteins, classification of aminoacids, 3D structure of proteins.
Structure & Classification of Nucleic Acids.
Introduction to Bioenergetics; Basic concepts, free energy & entrophy.
Sun is the main energy source, ATP as an energy coins for biological activities.
Membrane transport, electrical properties of membranes.
Muscle contraction.
How cell respond to energy requirements.
Creatin phosphate shuttle; Glycolysis.
Krebs cycle & Electron transport.
Effect of radioactivity on living material, diagnosis &therapy.
Tools of biophysics
Adventure of genetic information
DNA synthesis (replication)
RNA synthesis (transcription)
RNA splicing and editing
Protein synthesis (translation)
Reverse transcription
Prions and infection mechanism
Repair mechanisms of DNA
Molecular bases of pathologies
Recombinant DNA techniques: Medical applications.
Genome mapping and DNA sequencing
Molecular diagnosis by DNA analysis
Dot Blot, Restriction Fragment Length Polimorphism (RFLP), Single Nucleotide Polimorphisms (SNPs)
Molecular biology of aging
Molecular approach to the therapy of disease.
Designing gene therapy
2nd Generation choices of gene theraphy
Cell Differentiation
Immune system
Cancer Problem

IMMUNOLOGY

THEORETICAL:

Innate and adaptive immunity
Organs of immune system
Mounting an immune response
Antigens
Antibodies

Disorders of immune response 1
Disorders of immune response 2
Hypersensitivity reactions I and II
Hypersensitivity reactions III and IV
Immune tolerance
Transplantation and immunity
Cancer and immunity
Detection of Antigen-Antibody reactions (Serological tests) 1
Serological tests 2

CLINICAL SKILLS I

Intradermal / Subcutan Injection
Intramuscular Injection
Intravenous Injection
Intravenous Cannulation

CLINICAL SKILLS II

Venepuncture
Capillary Blood Sampling
Femoral / Radial Arterial Puncture

COMMUNICATION SKILLS AND HYPNOSIS IN MEDICINE

THEORETICAL:

Clinical Approach;
Communicating with Patient;
Communicating with Children;
Communicating with Phobic Patients;
Communicating with Patient in the first appointment;
Outlook for Patient Communications;
Introducing the Methods (Physiologic- Psychologic);
Medical Hypnosis;
Methods of Medical Hypnosis;
Preoperative Preparation of the Patient;
Medical Hypnosis with Children;
Clearing Phobi;
Control of Gag Reflex and operations under hypnosis;
Relieving Pain and Control of Pain;
Clinical Applications.

PHASE III
CURRICULUM

FACULTY OF MEDICINE
PHASE III
2005-2006 ACADEMİC SCHEDULE

I . COMİTTEE **INFECTIOUS DISEASES SUBJECT COMMITTEE** **(4 WEEK)**	
Committee start date:	**5 SEPT 2005**
Committee end date:	**30 SEPT 2005**
Committee exam date:	**3-4 OCT 2005**
II . COMİTTEE **CARDIOVASCULAR AND RESPIRATORY SYSTEM SUBJECT COMMITTEE** **(8 WEEK)**	
Committee start date:	**5 OCT 2005**
Committee end date:	**2 DEC 2005**
Committee exam date:	**5-6 DEC 2005**
III. COMİTTEE **HEMATOPOIETICS AND GASTROINTESTINAL SYSTEM SUBJECT COMMITTEE** **(6 WEEK)**	
Committee start date:	**7 DEC 2005**
Committee end date:	**23 JAN 2006**
Committee exam date:	**26-27 JAN 2006**
IV . COMİTTEE **ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEM SUBJECT COMMITTEE** **(7 WEEK)**	
Committee start date:	**13 FEB 2006**
Committee end date:	**31 MAR 2006**
Committee exam date:	**3-4 APR 2006**

V . COMİTTEE **NERVOUS SYSTEM AND PSYCHIATRIC SYSTEM SUBJECT COMMITTEE** **(6 WEEK)**	
Committee start date:	**5 APR 2006**
Committee end date:	**16 MAY 2006**
Committee exam date:	**17-18 MAY 2006**
VI. COMİTTEE **MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE** **(4 WEEK)**	
Committee start date:	**22 MAY 2006**
Committee end date:	**16 JUN 2006**
Committee exam date:	**19-20 JUN 2006**
Mid-Break:	**15-30 JAN 2006**
Comprehensive Exam:	**30 JUN-1 JULY 2006**
Make-up Exam:	**2-3 SEP 2006**

Victory Day	30 AGUST 2005
Republic Day	29 OCT 2005
Ramadan Holiday	2-5 NOV 2005
Kurban Holiday	10-13 JAN 2006
Medical Day	14 MAR 2006
National Sovereignty and Children's Day	23 APR 2006
Youth and Sport's Day	19 MAY 2006

PHASE III

YEDITEPE UNIVERSITY
SCHOOL OF MEDICINE
PHASE III 2005-2006

COMMITTEES

I. INFECTIOUS DISEASES SUBJECT COMMITTEE

II. CARDIOVASCULAR AND RESPIRATORY SYSTEMS SUBJECT COMMITTEE

III. HEMATOPOIETICS AND GASTROINTESTINAL SYSTEMS SUBJECT COMMITTEE

IV. ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS SUBJECT COMMITTEE

V. NERVOUS SYSTEM AND PSYCHIATRY SUBJECT COMMITTEE

VI. MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE

PHASE III

COMMITTEE I

SCHEDULE FOR INFECTIOUS DISEASES SUBJECT COMMITTEE

(5-30 September 2005)

DICIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB**	**DISCUSSION**	**TOTAL**
MICROB and INFEC DISEASE	20		2	-	**22**
PHARMACOLOGY	12	-		-	**12**
PATHOLOGY	18		4	2	**24**
PUBLIC HEALTH	18	-		3 × 3	**21**
FAMILY MEDICINE	8	4 × 4		-	**12**
NUCLEAR MEDICINE	2	-		-	**2**
TOTAL	**78**	**4**	**6**	**5**	**93**

PHASE III

COMMITTEE I
INFECTIOUS DISEASES SUBJECT COMMITTEE

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES:

Infections of the upper respiratory system
Infections of the lower respiratory system
Tuberculosis
Viral Hepatitis
Vector borne infections
Bacterial and aseptic meningitis
Exanthematous infections
Urinary tract infections
Sepsis
Antimicrobial susceptibility testing
Sexually transmitted diseases
Syphilis and leprosy
Congenital infections
Mycoses
Multisystem zoonosis
Scabies and pediculosis
İnfectious causes of chronic diseases

MICROBIOLOGY LABORATORY:

Laboratory diagnosis of respiratory tract infections
Laboratory diagnosis of urinary tract infections

PATHOLOGY:

Tissue responses to infections
Pathology of bacterial infections
Pathology of chlamydial, rickettsial, mycoplasmal diseases
Pathology of mycobacterial infections
Pathology of treponemal infections
Pathology of viral infections
Pathology of fungal infections
Pathology of parasitic infections

PATHOLOGY LABORATORY:

Pathology of infectious diseases

PHARMACOLOGY:

General concepts
β lactam antibiotics
Chloramphenicol, tetracyclin and macrolides
Aminoglycosides
Sulfonamides, trimethoprim-sulfamethoxazole
Fluoroquinolones and heavy metals
Antiseptics and disinfectants
Antimicobacterial drugs
Antifungal drugs
Antimalarial drugs
Pharmacological basis of cancer therapy
Antineoplastic drugs

Imunomodulators
Antiviral drugs
Antiretroviral agents

FAMILY MEDICINE:

Introduction to the program of family medicine
Introduction to the interviewing and health history
History taking as a clinical skill I, II
World global situation of infectious diseases regarding to primary care I, II
General techniques of physical examination I, II

CLİNİCAL SKİLLS LABORATORY

Hand washing technique
Wearing of steril gloves
Injection skills (Intramuscular, intradermal, intravenous injection)
İntravascular catheterization

PUBLIC HEALTH:

The definitions used in the epidemiology of infectious diseases I, II
Infection preventation at health care facilities and waste disposal I, II
Mortality and morbidity indices used in the epidemiology of infectious diseases I, II
Immunization in the world and in Turkey I, II
Epidemiology of airbone diseases I, II
Epidemiology of diseases spread by food and water I, II
Epidemiology of diseases spread by arthropod vectors I, II
Epidemiology of diseases transmitted from animals to humans I, II
Epidemiology of genital tract infections and sexually transmitted diseases I, II
Screening tests used in the epidemiology of infectious diseases I, II

NUCLEAR MEDICINE:

Nuclear medicine in infectious diseases

PHASE III

COMMITTEE II

SCHEDULE FOR CARDIOVASCULAR AND RESPIRATORY SYSTEMS SUBJECT COMMITTEE

(5 October 2005-2 December 2005)

DISCIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB.**	**DISCUSSION**	**CL. STUDY AND OTHER PRAC.**	**TOTAL**
CARDIOLOGY	53		-	-	4	**57**
CHEST MEDICINE	35		-	-	2 × 4	**36**
PATHOLOGY	20		9	-	-	**29**
PHARMACOLOGY	24		-	-	-	**24**
PUBLIC HEALTH	8		-	4 × 2	-	**10**
FAMILY MEDICINE	11	4 × 4		-	-	**15**
RADIOLOGY	6		-	-	-	**6**
ENT DISEASES	4		-	-	-	**4**
NUCLEAR MEDICINE	3		-	-	-	**3**
CLINICAL MICROBIOLOGY	4		-	-	-	**4**
TOTAL	**168**	**4**	**9**	**2**	**8**	**191**

PHASE III

COMMITTEE II
CARDIOVASCULAR AND RESPIRATORY SYSTEMS SUBJECT COMMITTEE

CARDIOLOGY:

Approach to the patient with cardiovascular system diseases
Principal symptoms in cardiovascular system diseases
General signs of cardiovascular system diseases
Examination of the arteries, veins and the blood pressure
Electrocardiography I, II, III, IV
Cardiac arrhythmias I, II, III
Examination of the heart I, II, III, IV
Disorders of circulation
Risk factors for atherosclerosis and approach to the patient with hyperlipidemia
Cardiac arrhythmias I, II, III, IV
Coronary artery diseases and myocardial infarction I, II
Acute myocardial infarction and sudden cardiac death
Hypotension and syncope
Acute circulatory failure (shock)
Valvular heart diseases I, II, III, IV
Acute rheumatic fever I, II
Invasive diagnostic methods in cardiology
Congestive heart failure I, II
Dyspnea

CHEST MEDICINE:

History and symptoms in pulmonary disease I, II
Physical examination and signs in pulmonary disease
Cough and hemoptysis
Bronchial hyperactivity and asthma
Chronic obstructive pulmonary disease I, II
Clinical application of pulmonary function tests I, II
Pulmonary tuberculosis
Sarcoidosis
Diagnostic methods in pulmonary medicine
Sleep apnea syndrome
Surgical treatmant of chest diseases
Disorders of pulmonary circulation
Pulmonary thromboembolism
Pulmonary infections I, II
Case I, II, III
Arterial blood gas analysis
Pneumonia I, II
Pleural disease
Occupational lung disease
Restrictive lung disease

ENT DISEASE:

Oropharyngeal disease
Laryngeal disease
Tumors of the larynx
Tracheabronchitis
Nasalobstruction and tracheotomy

PATHOLOGY:

Pathology of the upper respiratory tract
Congenital lung anomalies and atelectasis
Disorders of pulmonary circulation
Obstructive pulmonary diseases and asthma bronchiale
Restrictive pulmonary diseases
Pulmonary infections
Tumors of the respiratory system
Congenital heart disease
Disorders of circulation
Vasculitis
Atherosclerosis and hypertension
Congestive heart failure
Pathology of endocardium and heart valves
Pathology of myocardium
Ischemic heart disease
Pathology of pericardium
Rheumatic heart disease
Pathology of CVS tumors

PATHOLOGY LABORATORY:

Tumors of the larynx, lung, pleura and mediastenum
Obstructive, restrictive and granulomatous diseases I, II, III

PHARMACOLOGY:

Introduction to autonomic system pharmacology
Acetylcholine and directly acting parasympathomimetic drugs
Acetylcholinesterase inhibitors
Antithrombotic drugs I Antiplatelet drugs
Antithrombotic drugs II Anticoagulants and fibrinolytics
Antihypertensive drugs I, II
Hypolipidemic drugs
Antiarrhythmic drugs
Parasympatholythic drugs
Antianginal drugs
Sympathomimetic drugs: Catecholamines and noncatecholamines
Adrenergic receptor blockers
Adrenergic neuron blockers
Pharmacology of renin angiotensin system
Pharmacological approach to iscemic heart disease
Pharmacological approach to congestive heart disease
Dysrhythmias and its pharmacology
Evaluation of recent developments in cardiovascular pharmacology
Drugs effecting body fluids and volume I, II
Antitussives, expectorants and surfactants
Bronchodilator drugs
Pharmacology and toxicology of tobacco
Prescription writing

FAMILY MEDICINE:

The medical interview I, II
Interviewing skills
Physical examination of vital signs I, II
Approach the patient with chest pain in primary care I, II
Approach the patient with dyspnea in primary care I, II
Approach the patient with cough and heameoptysis in primary care I, II

CLİNİCAL SKİLLS LABORATORY

Physical examination of vital signs (radial, carotid, femoral pulses)
Measurement of body temperature (axillaries, oral and rectal body temperature measurement)
Measurement of blood pressure
Phlebotomy (intravenouse,capilar)
Arterial blood gases sampling (femoral, radial)

NUCLEAR MEDICINE:

Ventilation - Perfusion scintigraphy
Myocardial scitigraphy
Radionuclide ventriculography

PUBLIC HEALTH:

Epidemiology of chronic diseases
Health indicators and cause of death in the world and in Turkey
Epidemiology and prevention of cardiovascular diseases I, II
Epidemiology of rheumatic fever
Air pollution and related disorders
Control of tuberculosis
Smoking and related disorders I, II
Environmental and occupational causes of lung diseases I, II
Epidemiology of rheumatic fever

RADIOLOGY:

X - Ray examination of the lungs I, II, III
Noninvasive diagnostic methods in cardiology
Echocardiography
Radiological examination of the cardiovascular system

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES

, Microbiology of circulatory system
Infections of the upper respiratory system
Infections of the lower respiratory system
Cardiovascular infections :Endocarditis, pericarditis, myocarditis

COMMITTEE III

SCHEDULE FOR HEMATOPOIETICS AND GASTROINTESTINAL SYSTEMS SUBJECT COMMITTEE

(7 December 2005-23 January 2006)

DISCIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB.**	**DISCUSSION**	**CL. STUDY AND OTHER PRAC.**	**TOTAL**
GASTROENTEROLOGY	28		-	-	-	**28**
HEMATOLOGY	30		-	-	-	**30**
PATHOLOGY	22		2 ×12	-	-	**34**
PHARMACOLOGY	9		-	-	-	**9**
PEDIATRICS	9		-	-	-	**9**
PUBLIC HEALTH	9		-	2 × 3	-	**12**
FAMILY MEDICINE	8	4 × 4		-	-	**12**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	3		-	-	-	**3**
MEDICAL BIOLOGY	6		-	-	-	**6**
CLINICAL MICROBIOLOGY	**4**				-	**4**
TOTAL	**132**	**4**	**12**	**3**	-	**151**

PHASE III

COMMITTEE III
HEMATOPOIETICS AND GASTROINTESTINAL SYSTEMS SUBJECT COMMITTEE

HEMATOLOGY:

Introduction to hematology, classification and clinical approach to anemias
Stem cell and bone marrow
Symptom and signs of hematological diseases
Iron metabolism and Iron deficiencies
Introduction to hemolytic anemias and mechanisms of hemolysis
Acquired hemolytic anemias I, II
Megaloblastic anemias, Vit B12 and folic acid deficiencies
Introduction to lympho-proliferative disorders and chronic lymphoid leukemia
Hodgkin's disease and non – Hodgkin lymphoma
Introduction to hemostasis and thrombosis
Hemophilia and other coagulopathies
Acute leukemias I, II
Quantitative and qualitative platelet disorders
Aplastic and hypoplastic anemias
Congenital immunodeficiency diseases
Myelo-dysplastic syndromes
Paraproteinemias, multiple myeloma
Paraproteinemias, macroglobulinemia and heavy chain disease
Blood groups
Blood and blood products
Paraproteinemias, other monoclonal gammopathies and amyloidosis
Bone marrow transplantation
Hemopoietic growth factors and their clinical application
Blood transfusion reactions
Disseminated intravascular coagulation
Atherosclerosis and thrombosis

GASTROENTEROLOGY:

Motor disorders of the esophagus I, II
Peptic ulcer disease I, II
Tumors of the small intestine
Ulcerative colitis
Malabsobtion I, II
Intestinal polyps and diverticular disease of the bowel
Tumours of the esophagus
Tumours of the stomach
Crohn's disease
Viral Hepatitis
Jaundice I, II
Colorectal cancer
Polypoid syndromes
Chronic hepatitis
Liver cirrhosis
Tumours of the liver
Gallstone disease and their complications
Mineral metabolism and liver disease
Tumours of the pancreas and biliary tract
GIS bleeding and inflammatory bowel disease

Pancreatitis
Hepatic encephalopathy
Alcoholic liver disease

PEDIATRICS:

Congenital hemolytic anemias I, II, III

GENERAL SURGERY:

Basic of surgical orientation to acute abdominal pain

PATHOLOGY:

Pathology of bone marrow I, II
Disorders of white blood cells
Leukemia
Lymphoma
Lymphoreactive disease
Anemia
Pathology of spleen
Oral pathology
Pathology of the esophagus
Pathology of the stomach
Pathology of the intestinal disease
Pathology of liver and biliary system
Pathology of appendix
Patholgy of peritoneum

PATHOLOGY LABORATORY:

Pathology laboratory of hematopathology

PHARMACOLOGY:

Agents used in the treatment of peptic ulcer
Emetic and antiemetic agents
Prokinetic, laxative and purgative Drugs
Antianemic drugs
Therapy of leukemia and lymphomas
Bone marrow toxicity of drugs and other chemicals

FAMILY MEDICINE:

Most common signs and symptoms of GIS I, II
Physical examination of the abdomen I, II
Medical history: Chief complaint and present illness I, II
Comprehensive history: Child patient I, II

CLİNİCAL SKİLLS LABORATORY:

Application of nasogastric catheter
Application of enema

NUCLEAR MEDICINE:

Nuclear medicine in hematology
Hepatobiliary scintigraphy
Liver and spleen scintigraphy and inflammatory diseases pf the peritoneum

PUBLIC HEALTH:

Oral and dental health
Importance of nutrition for the healthy well being
Measuring nutritional status and community nutrition
Nutritional disorders in Turkey and in the world -3
Principles of balanced diet for healthy individuals and for risk groups
Food sanitation and related regulations

RADIOLOGY:

Radiology of hemopoietic system
Gastrointestinal radiology I, II, III, IV

MEDICAL BIOLOGY:

Biology of hematopoietic malignancies
Molecular basis of hemoglobinopathies I, II
DNA based diagnosis of hemoglobinopathies I, II
Molecular abnormalities in colon and rectal cancer I, II
Genetics

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES

Microbiology of the gastrointestinal tract
Fever of unknown origine
Hemopoietic lymphoreticular infections
Febrile neutropenia

PHASE III

COMMITTEE IV

SCHEDULE FOR ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS SUBJECT COMMITTEE

(13 February 2006-31 March 2006)

DISCIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB.**	**DISCUSSION**	**CL.STUDY AND OTHER PRAC.**	**TOTAL**
ENDOCRINOLOGY	21		-	-	-	**21**
OBST AND GYNEC.	20		-	-	-	**20**
UROLOGY	8		-	-	-	**8**
NEPHROLOGY	12		-	-	-	**12**
PEDIATRICS	2		-	-	-	**2**
PHARMACOLOGY	18					**18**
PATHOLOGY	26		2 × 6			**32**
PUBLIC HEALTH	10		-	2 × 4	-	**14**
FAMILY MEDICINE	7	4 ×4		-	-	**11**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	5		-	-	-	**5**
MEDICAL BIOLOGY	9		-	-	-	**9**
CLINICAL MICROBIOLOGY	4		-	-	-	**2**
TOTAL	**146**	**4**	**6**	**4**	**-**	**160**

PHASE III

COMMITTEE IV
ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS SUBJECT

ENDOCRINOLOGY:

Introduction to endocrinology
Diabetes insipidus
Disorders of hypothalamus and hypophysis I, II
Thyroid function tests
Thyroiditis
Hereditary forms of growth hormone deficiency
Thyroid and parathyroid disorders
Goitre and Thyroid cancers
Calcium metabolism
Physiology of diabetes mellitus
Signs and symptoms of diabetes mellitus
Acute complications of DM I
Hyperparathyroidism
Hypoparathyroidism
Cushing Syndrome
Adrenal Insufficiency
Endocrine Hypertension

OBSTETRIC AND GYNECOLOGY:

The gynecological history and examination
Embryology, anatomy and physiology
Normal and abnormal sexual development and puberty
The menstrual cycle
Disorders of the menstrual cycle
Fertility control
Infertility
Menopause
Endometriosis and adenomyosis
Benign diseases of the ovary
Benign diseases of the uterus and cervix
Malign diseases of the ovary
Malign diseases of the uterus and cervix
Conditions affecting the vulva and vagina
Infections in gynecology
Normal and abnormal labour
Antenatal care
High risk pregnancy
Puerperal infections
Disorders of early pregnancy (miscarriage; ectopic; GTD)

NEPHROLOGY:

Hereditary basis of renal disorders
Acute renal failure
Proteinuria- hematuria
Congenital adrenal hyperplasia
Kidney and pregnancy
Glomerulonephritis
Chronic renal failure
Interstitial nephritis
Renal transplantation
Hemodialysis-peritoneal dialysis
Fluid and electrolyte disorders

UROLOGY:

Most common signs and symptoms of female genitourinary diseases
Clinical study of renal function
Most common signs and symtoms of male genitourinary diseases
Congenital anomalies of urinary tract
Obtructive uropathy and urolithiasis
Male infertility
Urinary system tumors
Male genital organ tumors
Disorders of gonads and internal reproductive ducts

PEDIATRICS:

Nephritic and nephrotic syndrome
Pediatric renal scintigraphy and captopril renogram

PATHOLOGY:

Endocrinology
Pathology of hypophysis
Pathology of thyroid
Pathology of adrenal gland
Pathology of parathyroid
Pathology of pancreas
Pathology of endocrine syndrome
Pathology of breast
Pathology of vu lva, vagina,
Pathology of uterus
Pathology of trophoblastic disease
Pathology of ovary
Pathology of pregnancy and placenta
Pathology of male genitalia
Pathology of congernaital anomalies of urianry tarct
Renovascular pathology
Glomerulapathies
Tubulointestisal disease
Renal cystic disease
Pathology of urtetra blader urethra
Pathology of urinary system tumours

PATHOLOGY DISCUSSIONS

PHARMACOLOGY:

Introduction to Endocrine Pharmacology
Hypothalamic and pituitary hormones
Oxytocin and ADH and drugs effecting their action
Thyroid and antithyroid drugs
Adrenocortical hormones and drugs
Estrogens, Progestins and inhibitors
Anabolicsteroids
Insulin and oral antidiabetic drugs
Agents effecting bone mineral homeostasis

RADIOLOGY:

Radiological techniques in Gynecology
Hyperthyroidsm
Hypothyroidism
Uroradiology

FAMILY MEDICINE:

Most common signs and symptoms of female genitourinary system disorders managed in primary care I, II
Approach to the patient with breast discomfort rearding to primary care I, II
Teaching breast-self examination
General approach to the pregnant woman I, II

CLİNİCAL SKİLLS LABORATORY

Physical examination of female genitourinary system (bimanual and speculum examination, pap smear , intrauterin deivce application)
Breast examination (self examination, clincial examination, fibrocystic breast)

PUBLIC HEALTH:

Screening tests for breast cancer and cervical cancer
Antenatal care and postnatal care and how it is delivered I, II
Family planning, importance, principles and consultancy services I, II
Delivered of family planning services I, II
Induced abortion
Concept of reproductive health and how it is delivered in general health services
Screening for genitor-urinary tract infection and management in primary health care

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES

Microbiology of the genitourinary system
Genitourinary tract infections
Sexually transmitted diseases
Congenital infections

PHASE III

COMMITTEE V

SCHEDULE FOR NERVOUS SYSTEM AND PSYCHIATRY SUBJECT COMMITTEE

(5 April 2006-16 May 2006)

DISCIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB.**	**DISCUSSION**	**CL. STUDY AND OTHER PRAC.**	**TOTAL**
NEUROLOGY	21		-	-	5 × 4	**25**
PSYCHIATRY	19		-	-	5 × 4	**23**
NEUROSURGERY	12		-	-	5 × 4	**16**
OPHTALMOLOGY	2		-	-	-	**2**
NEPHROLOGY	16		-	-	-	**16**
ANESTHESIA	2		-	-	-	**2**
PEDIATRICS	2		-	-	-	**2**
PHARMACOLOGY	14		-	-	-	**14**
PATHOLOGY	19		2 × 4	-	-	**23**
PUBLIC HEALTH	7		-	-	-	**7**
FAMILY MEDICINE	8	4 × 4		-	-	**12**
RADIOLOGY	4		-	-	-	**4**
NUCLEAR MEDICINE	1		-	-	-	**1**
MEDICAL BIOLOGY	2		-	-	-	**4**
CLINICAL MICROBIOLOGY	2		-	-	-	**2**
TOTAL	**131**	**4**	**4**	**-**	**12**	**153**

PHASE III

COMMITTEE V
NERVOUS SYSTEM AND PSYCHIATRY SUBJECT COMMITTEE

NEUROLOGY:

Sign and symptoms in neurology I, II, III
Physical examination of nervous system I, II;
Cerebral lobes and their disorders I, II
Epilepsy I, II
Cranial nerves I, II, III
Cerebrovascular disease I, II
Extrapyramidal system and disorders I, II
Neurological emergencies I, II
Headache
Dementia
Demyelinating disorders

PSYCHIATRY:

Psychological therapies
Observation and communication techniques in psychiatry
Affective disorders
Organic brain syndroms
Signs and symptoms in psychiatry
Psychoneurosis
Panic disorders
Obsessive compulsive disorder
Somatic and pharmacological therapies in psychiatry
Child psychiatry
Developmental disorders
Drug addiction and alcholism
Schizophrenia and psychoses

NEUROSURGERY:

Diagnostic procedures in neurosurgery
Surgery of cerebrovascular diseases
Increased intracranial pressure
Pain relief by surgical methods
Pediatric neurosurgery
Intracranial tumors
Surgery of peripheral nerves
Disc herniations
Head and spinal cord trauma
Spinal cord compression syndrome

PHYSICAL MEDICINE AND REHABILITATION:

Neurological rehabilitation

PEDIATRICS:

Mental and motor development
Neurodegeneratif disorders
Infectious disease of the nervous system
Cerebral malformation

ANESTHESIA:

Premedication
Types of general anesthesia and aneshetic agents

OPHTALMOLOGY:

Disease of optic nerves and visual fields
Paralytic strabismus and nystagmus

PATHOLOGY:

Developmental disorders of the nervous system
Neuropathology
Pathology of myelin and storage disease
Toxic/metabolic disease
Degenerative disease of the nervous system
Vascular diseases of the nervous system
Infection disease of nervous system
Cranial trauma and intracranial hemorage
Tumors of the nervous system
Pathology of the peripheral nervous system

PHARMACOLOGY:

Introduction to central nervous system pharmacology
Antidepressant drugs
Antipsychotic drugs
Bipolar disease and Lithium
General anesthetics
Local anesthetics
Antiepileptics
Sedative-Hypnotic Drugs
The Alcohols
Pharmacological Approach to Parkinsonism and Other Movement Disorders
Opioid Analgesics and antagonists(2)
Drug Dependence and Abuse
CNS Stimulants and Hallusinogenic drugs

FAMILY MEDICINE:

Approach to the neurologic patient regarding to primary care I, II
Headache in primary care I, II
Approach to psychiatric patient in primary care I, II
Depression in primary care I, II

CLİNİCAL SKİLLS LABORATORY

Uretheral catheterisation (male , female)

PUBLIC HEALTH:

Social determinants of health and disease
Behavioral determinants of health and disease
Epidemiology of neurologic disorders
Culture, health and illness
Epidemiology of mental disorders

NUCLEAR MEDICINE:

Brain perfusion scintigraphy

RADIOLOGY:

Conventional neuroradiologic examinations
Spinal neuroradiology
Cranial CT
Cranial MRI

MEDICAL BIOLOGY:

Genetic basis of neurological disorders

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES

Microbiology of nervous system
Poliomyelitis
TBC Meningitis

PHASE III

COMMITTEE VI

SCHEDULE FOR MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE

(22 May 2006-16 June 2006)

DISCIPLINE	**LECTURE**	**CLİNİCAL SKİLLS LAB.**	**LAB.**	**DISCUSSION**	**TOTAL**
NEUROLOGY	9		-	-	**9**
ORTHOPEDICS	26		-	2	**28**
PHYSICAL MED.&REH.	12		-	-	**12**
PHARMACOLOGY	6		-	-	**6**
PATHOLOGY	11		2 × 2	-	**13**
PUBLIC HEALTH	10		-	-	**10**
FAMILY MEDICINE	8	4 × 4		-	**12**
RADIOLOGY	4		-	-	**4**
NUCLEAR MEDICINE	1		-	-	**1**
CLINICAL MICROBIOLOGY	2		-	-	**2**
TOTAL	**89**	**4**	**5**	**2**	**100**

PHASE III

COMMITTEE VI
MUSCULO-SKELETAL SYSTEM SUBJECT COMMITTEE

ORTOPEDICS:

Spinal deformites
Congenital dislocation of the hip
Degenerative joint disease
Fractures of children
Congenital deformites of the skelaton
Bone and join infections
Developmental disorders of the skelaton
Benign tumors of bone
Surgery of the hand and microsurgery
Principle of the fracture healing
Treatment complication of fractures
Orthopedic radiology
Dislocations
Soft tissue trauma

PHYSICAL MEDICINE AND REHABILITATION:

General principles of orthopedic rehabilitation
Osteoarthitis
Osteoporosis
Soft tissue pain
Low back pain
Gait analysis
Knee pain
Rheumotoid arthritis
Seronegative spondylartropaties

NEUROLOGY:

Myestenia Gravis
Myopathies
Motor neuron disease

PATHOLOGY:

Fracture healing, metabolic disorders of bone
Pathology of muscle disease
Soft tissue tumors
Neoplastic disease of bone
Pathology of arthritis
Infectious disease of bone and joints

LABORATORY:

Subjects on the releated lectures

PHARMACOLOGY:

Monitoring drug therapy
Non-opioid analgesics (2)
Skeletal muscle relaxants

FAMILY MEDICINE:

Written physical examination I, II
Review of usual presentations of medical problems most commonly managed in GP I, II, III
Review of medical interview and history taking I, II, III

CLİNİCAL SKİLLS LABORATORY: (4X3 hours)

Suture application
Wound care

NUCLEAR MEDICINE:

Bone scintigraphy

PUBLIC HEALTH:

Epidemiology of musculoskeletal disorders I, II
Prevention and risk factors of osteoporosis I, II
Ergonomics
Work related musculoskeletal disorders
Physical factors in workplace I, II
Injury prevention and home accidents
Prevention of disabilitiy in older person

RADIOLOGY:

Normal radiology of bone
Infectious disease of bone
Benign tumors of bone
Malignant tumors of bone

CLİNİCAL MICROBIOLOGY AND INFECTİOUS DİSEASES

Bone, joint and necrotizing soft tissue infections
Microbial infections of skin and nails

PHASE IV CURRICULUM

YEDITEPE UNIVERSITY SCHOOL OF MEDICINE
PHASE IV 2005-2006

INTERNAL MEDICINE (12 Weeks) 05.09.2005 – 25.11.2005
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

CHILD HEALTH AND PEDIATRICS
(9 weeks)
28.11.2005 – 03.02.2006
KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL
EAH
(GROUP A)

GENERAL SURGERY (6 Weeks)
28.11.2005 – 06.01.2006
HAYDARPASA NUMUNE TRH
(GROUP B)

16-20.01.2006	23-27.01.2006	30.01-03.02.2006
THORACIC SURGERY (SIYAMI ERSEK) B1	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B1	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPASA NUMUNE) B1
CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B2	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPASA NUMUNE) B2	THORACIC SURGERY (SIYAMI ERSEK) B2
PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAA NUMUNE) B3	THORACIC SURGERY (SIYAMI ERSEK) B3	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) B3

GENERAL SURGERY (6 Weeks)
06.02.2006 – 17.03.2006
HAYDARPASA NUMUNE TRH
(GROUP A)

20-24.03.2006	27-31.03.2006	03-07.04.2006
THORACIC SURGERY (SIYAMI ERSEK) A1	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A1	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A1
CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A2	PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A2	THORACIC SURGERY (SIYAMI ERSEK) A2
PLASTIC AND RECONSTRUCTIVE SURGERY (HAYDARPAŞA NUMUNE) A3	THORACIC SURGERY (SIYAMI ERSEK) A3	CARDIOVASCULAR SURGERY (SIYAMI ERSEK) A3

CHILD HEALTH AND PEDIATRICS
(9 weeks)
06.02.2006 – 07.04.2006
KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL

(GROUP B)

OBSTETRICS AND GYNECOLOGY (6 weeks)
10.04.2006 – 18.05.2006
ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING RESEARCH HOSPITAL

2005-2006 STUDENT GROUPS

GRUP A

GRUP A 1	GRUP A 2	GRUP A 3
Ömer Taşargöl	Orhan Ağcaoğlu	Haron Cemel
Coşkun Kaçağan	Hande Aksoy	Melis Demirağ
Sinan Çerşit	Necla Zeynep Kubilay	Hazel Çağın Gürleyen
İsmail Arslan	Ceyda Sönmez	Çimen Güden
İbrahim Uzun	Dilara Tüğsüz	Gözen Soğuksu
Anıl Gedikoğlu	Esra Yazıcı	Deniz Coşar
Selim Özdoğan	Pınar Kanlıoğlu	Ayşegül Atçı
	Derya Alp	

GRUP B

GRUP B 1	GRUP B 2	GRUP B 3
Hatice Melise Kaçmaz	İdil Gökhan	Ferit Mangal
Özge Akın	Ayşe İrem Sofuoğlu	Nuray Turgut
Tuba Erdoğan	Tuğba Mamak	Gökçe Aşkan
Sibel Güray	Yasemin Dönmez	Burak Çağrı Aksu
Koray Paçacı	Yasemin Kaldırım	Hacı Mehmet Özvarinli
Hali Umut Öner	Mehmet Ali Koç	Dilek Sevim Güzelce
Nuri Ferhat	Gökhan Bakkaloğlu	Ali Gürsoy
		Özlem Akyüz

OFFICIAL HOLIDAYS

- **30 August 2005** — **Victory Day**
- **29 October 2005** — **Republic Day**
- **2-3-4-5 November 2005** — **Ramadan Feast**
- **01 Jan uary 2006** — **New Years Day**
- **10-13 January 2006** — **Feast of Sacrifice**
- **14 March 2006** — **Medicine Day**
- **23 April 2006** — **National Sovereignty and Children's Day**
- **19 May 2006** — **Day of Commemoration of Atatürk, Youth and Sport's Day**

CLERKSHIP PROGRAMMES (36 WEEKS)

INTERNAL MEDICINE (12 weeks)

CHILD HEALTH AND PEDIATRICS (9 weeks)

OBSTETRICS AND GYNECOLOGY (6 weeks)

GENERAL SURGERY (6 weeks)

PLASTIC AND RECONSTRUCTIVE SURGERY (1 week)

CARDIOVASCULAR SURGERY (1 week)

THORACIC SURGERY (1 week)

INTERNAL MEDICINE PROGRAM

1. CARDIOVASCULAR DISEASE

1.1. Background
1.2. Ischemic heart disease
1.3. Heart failure
1.4. Dysrhythmias
1.5. Valvular and congenital heart disease
1.6. Infective endocarditis
1.7. Pericardial and heart muscle disease
1.8. Hypertension
1.9. Pulmonary vessel disease
1.10. Venous thrombo-embolism
1.11. Arterial disease

1.1. Background

Learning objectives

You should:

- Be alert to take with absolute confidence history from a patient with chest pain or other major symptoms of cardiovascular disease and construct a differential diagnosis
- Be able to interpret the chest radiogram and electrocardiogram (ECG)
- Know the place of echocardiography, exercise testing, coronary angiography and the investigations used in particular cardiovascular diseases (described below under diagnoses) and when to request them
- Be competent at performing cardio-pulmonary resuscitation

1. 2. Ischemic heart disease

Learning objectives

You should:

- Have a good understanding of alchemic heart disease and other forms of atherosclerotic vascular disease
- Know the risk factors for ischemic heart disease
- Understand the pathogenesis
- Understand how to diagnose and treat angina and myocardial infarction
- Know the indications of fibrinolytic therapy and coronary revascularization.

1.3. Heart failure

Learning objectives

You should:

- Have a clear understanding of the pathophysiology of heart failure and the range of disease processes that can cause it
- Be competent at recognizing heart failure and the most common valvular lesions
- Be able to diagnose it from the symptoms, signs and chest radiogram
- Understand its treatment and how that relates to the pathophysiological mechanisms and long-term prognosis.

1.4. Dysrhythmias

Learning objectives

You should:

- Understand how to recognize and treat the common dysrhythmias
- Be alert to the clinical presentations of dysrhythmias
- Understand how to diagnose them from the ECG
- Be prepared to manage cardiac arrest
- Know how to manage dysrhythmic emergencies
- Have a good understanding of atrial fibrillation and its complications and treatment

1.5. Valvular and congenital heart disease

Learning objectives

You should:

- Understand how the individual lesions cause their characteristic symptoms and signs
- Approach to the bedside confident in the knowledge of what you are looking, listening for
- Understand the complications and management

1.6. Infective endocarditis

Learning objectives

You should:

- Be able to distinguish between the different forms of infective endocarditis and the diagnostic and therapeutic approach to each
- Know the indications for prophylaxis of infective endocarditis and where to find current information on appropriate regimens.

1.7. Pericardial and heart muscle disease

Learning objectives

You should:

- Be able to recognize pericarditis and construct an appropriate differential diagnosis
- Be able to recognize pericardial tamponade and understand how to manage a pericardial effusion
- Understand how to recognize myocarditis and other heart muscle diseases.

1.8. Hypertension

Learning objectives

You should:

- Understand how hypertension is defined
- Be aware of its causes and the risk factors for the development of hypertension
- Understand when and how to treat it

1.9. Pulmonary vessel disease

Learning objectives

You should:

- Understand the range of causes
- Be able to work out from simple physiological principles the symptoms, signs, radiological and electrocardiographic features
- Understand the principles of treatment.

1.10.Venous thrombo-emboli

Learning objectives

You should:

- Have a clear understanding of venous and arterial embolism and how to recognize them
- Understand the causes, in terms of Wirchows's triad
- Understand how to investigate and treat a deep thrombosis or pulmonary embolism

1.11. Arterial Disease

Learning objectives

You should:

- Understand the causes and clinical presentations of aortic aneurysms regarding to their various sites.

2. RESPİRATORY DISEASE

2.1. Clinical aspects
2.2. Infective disorders
2.3. Tumors
2.4. Chronic airflow obstruction
2.5. Interstitial lung disease
2.6. Miscellaneous respiratory disease
2.7. Pleural disease

2.1. Clinical aspect

Learning objectives

You should be able to:

- Describe how be important principles of respiratory anatomy and physiology are affected in the common respiratory diseases
- Interpret the common respiratory symptoms and signs and construct a differential diagnosis based on probabilities
- Describe how you would use investigations in respiratory medicine appropriately to the clinical problem
- Set out the principles of management of the common respiratory diseases and the immediate treatment of the common respiratory emergencies

2.2. Infective disorders

Learning objectives

You should be able to:

- Describe the classification of pneumonia and other forms of respiratory infection
- Set out the major causes of respiratory infection and their treatment
- Write down the clinical presentation appropriate investigations for respiratory tract infections
- Discuss which patients require specialized advice and/or procedures
- Describe the diagnosis of tuberculosis and its management

Tuberculosis

Learning objectives

You should be able to:

- Describe how to diagnose pulmonary, extra pulmonary tuberculosis
- Discuss the limitations of diagnostic tests
- Discuss the implications of a positive or negative Heaf or Mantoux test
- Write down how tuberculosis is transmitted and how to interrupt transmission
- Describe the principles of management of tuberculosis, including the importance of resistance

2.3. Tumors

Learning objectives

You should be able to:

- Write down the importance of bronchial carcinoma in the community
- Describe the different pathological types of lung cancer, how they differ in their presentation and progression and the etiological variation
- Discuss the principles of investigation, management and treatment
- State how other tumors can affect the respiratory system

2.4. Chronic airflow obstruction

Learning objectives

You should be able to:

- Diagnose and assess the severity of airflow obstruction
- Discuss the importance of looking for reversibility of airflow obstruction in terms of treatment
- Plan management both as an emergency and in the long term

2.5. Interstitial lung disease

Learning objectives

You should be able to:

- Discuss how different disease processes can cause pulmonary fibrosis
- Integrate the clinical features and investigations into a list of possible diagnoses
- List some of the rarer causes of the problems

2.6. Miscellaneous respiratory disease

Learning objectives

You should be able to:

- Be aware of a range of conditions that may affect the lung
- Know the specific features of the different conditions.
- Sleep apnea Syndrome
- Adult respiratory distress syndrome
- Pleuritic pain
- Pleural effusion

2.7. Pleural disease

Learning objectives

You should be able to:

- Diagnose patients as having disease of the pleura/pleural space
- Outline the investigation and management

3. GASTROINTESTINAL, HEPATOBILIARY AND PANCREATIC DISEASE

3.1. Clinical aspects
3.2. The esophagus
3.3. The stomach and duodenum
3.4. The small intestine
3.5. The large intestine
3.6. Food poisoning and intestinal infection
3.7. The liver
3.8. The biliary system
3.9. The pancreas

3.1. Clinical aspects

Learning objectives

You should be able to:

- Link the common symptoms and signs in gastrointestinal (GI) disease with disease processes
- Construct a logical investigation plan based on the symptoms and signs
- Utilize appropriately the range of investigations for the Gl tract, particularly endoscopy and imaging
- Describe principles of management of the common problems and diseases.

3.2. The esophagus

Learning objectives

You should be able to:

- Link esophageal pathophysiology with the three common symptoms
- Construct a differential diagnosis
- Plan investigation and management

3.3. The stomach and duodenum

Learning objectives

You should be able to:

- Describe the pathogenesis of peptic ulcer and its treatment
- Assess patient with gastrointestinal bleeding, arrange investigations and formulate a management plan; all of these may require consultation with senior staff.

3.4. The small intestine

Learning objectives

You should be able to:

- Discuss the interrelationship between the structure and function of the small intestine, which is the key to the common symptoms
- Describe the common disease processes affecting the small intestine and how these affect the normal structure and function.

3.5. The large intestine

Learning objectives

You should be able to:

- Take an appropriate history from someone with possible bowel disease and construct a differential diagnosis
- Target investigates according to the probabilities in the differential diagnosis in order to make definitive diagnosis
- Discuss the important differences between ulcerative colitis and Crohn's disease, in both pathology and common clinical patterns/symptoms
- State which investigations are best for the diagnosis of inflammatory bowel disease and be able to assess extent and severity
- Describe the value of medical and surgical management of inflammatory bowel disease and discuss with a patient what the diagnosis means, including the long-term future, risk of complications and management.

3.6. Food poisoning and intestinal infection

Learning objectives

You should be able to:

- Distinguish clinically between predominantly vomiting and predominantly diarrheal illnesses and state the significance of the distinction
- Describe rehydration management.

3.7. The liver

Learning objectives
You should be able to:

- Describe the major metabolic functions of the liver and predict the consequences of significant liver dysfunction

- Discuss the anatomy of the liver in relationship to other organs
- Describe the causes of acute liver disease, initiate appropriate investigations and outline a management plan for the important causes of acute liver disease
- Recognize acute liver failure and know the principles of management and determinants of outcome
- Discuss how chronic hepatitis presents and its main causes
- Describe what to do when arranging a liver biopsy, the precautions to take and its complications
- Construct a broad framework of appropriate therapy for the various causes of chronic hepatitis
- Be comfortable advising a patient with hepatitis B or C with regard to sexual practice, blood donation and dentistry
- Describe the pathology and metabolic derangements in cirrhosis
- Outline the main causes and clinical features and manage patients with cirrhosis.

3.8. The biliary system

Learning objectives

You should be able to:

- Describe the different clinical patterns of biliary disease and how these affect management

3. 9. The pancreas

Learning objectives

You should be able to:

- Discuss the normal structure and function of the pancreas and how derangement leads to the common presentations of pancreatic disease

4. RENAL DISEASE, FLUID/ELECTROLYTE AND ACID/BASE BALANCE

4.1. Background
4.2. Investigation of renal disease
4.3. Clinical presentations of renal disease
4.4. Specific renal and urinary tract diseases
4.5. Fluid and electrolyte balance
4.6. Acid/base disorders

4.1. Background

Learning objectives

You should be able to:

- To feel confident about diagnosing renal failure on the basis of abnormal biochemistry
- To understand those aspect of renal physiology which explain renal failure and its treatment
- To understand how the kidneys, heart and circulation form a functional unit in the regulation of fluid and electrolyte balance
- To understand how abnormalities of renal perfusion can affect renal function
- To understand how renal function is affected by urinary outflow.

4.2. Investigation of renal disease

Learning objectives

You should be able to:

- Know the range of investigations for renal disease and understand their use different clinical situations
- Appreciate that proteinuria and hematuria are easy to detect with a dipstick, usually indicative of renal/urinary tract disease and all too often overlooked at an early stage when referral, investigation and treatment could preserve renal function.

4.3. Clinical presentations of renal disease

Learning objectives

You should be able to:

- The common presentations of renal disease
- The causes and management of the common diseases.

4.4. Specific renal and urinary tract diseases

Learning objectives

You should be able to:

- Understand the features and investigation of parenchymal and vascular renal diseases
- Be able to identify the possible underlying causes ad how to treat the disease and its secondary effects
- Be able to distinguish acute cystitis from the urethral syndrome in young women
- Be able to distinguish upper tract infection (pyelonephritis) from lower tract infection (cystitis)

4.5. Fluid and electrolyte balance

Learning objectives

You should be able to:

- Understand the concept of fluid “compartments”
- Know the “barriers” that divide the compartments
- Understand the mechanism that control vascular volume and electrolyte homeostasis
- Be able to assess vascular volume reliably the bedside
- Be able to interpret abnormalities of plasma sodium, potassium, urea, creatine, bicarbonate and albumin concentrations and know how to use physical signs to help to interpret them
- Understand how to manage common fluid/electrolyte disorders

4.6. Acid/base disorders

Learning objectives

At the very least, you should:

- Understand the terms respiratory and metabolic acidosis and alkalosis
- Understand that these changes may be primary or compensatory
- Be able to interpret arterial blood gas measurements in those terms
- Know the common diseases that affect acid/base balance
- Understand the main principles of management

5. HEMATOLOGY

6. 1 Background
6. 2 Red cell disorders
6. 3 White cell disorders
6. 4 Platelet disorders
6. 5 Coagulation disorders
6. 6 Disseminated intravascular coagulation

5.1. Background

Learning objectives

You should:

- Know what to ask about in the haematological history and what to look for on examination
- Know when to measure and know to interpret a full blood count, film, differential white count, platelet count and erythrocyte sedimentation rate (ESR)
- Understand to other main haematological investigations and when to carry them out
    - Haematinics: iron and total iron-binding capacity, ferritin, vitamin B12, folat and cell folat.
    - Coagulation tests: international normalised ratio (INR), prothrombin time (PT), activated partial thromboplastin time (APTT), plasma fibrinogen, and fibrin degradation products.
- Know the indications for, and the information that can be gained from bone marrow examination and lymph node biopsy.
- Know which situations commonly comfort a house officer and understand how to manage them
- Know enough about the their other major haematological diseases to recognise them, make appropriate and timely referrals and explain them to your patients

5.2. Red cell disorders

Learning objectives

You should:

- Understand the range of diseases that cause anemia and how they do so
- Know how to diagnose and treat anemias
- Know the indications for blood transfusion and how to avoid complications
- Know what polycythemia is, what can cause it and how it causes symptoms and signs

5. 3. White cell disorders

Learning objectives

You should:

- Understand the causes of neutropenia
- Know what infections to be concerned about in the neutropenic patient and what to do if such a patient gets a fever
- Know the diseases of white cell proliferation and how they are diagnosed and treated

A simple way of approaching white cell disorders is to think in terms of white cell numbers. They may be:

- Reduced, increasing susceptibility to infection
- Increased, signifying systemic disease or marrow proliferation

5.4. Platelet disorders

Learning objectives

You should:

- Be able to understand the clinical presentations of platelet disorders
- Understand the indications for platelet transfusion
- Understand how increased platelet numbers can cause thrombophilia

5. 5. Coagulation disorders

Learning objectives

You should:

- Understand how coagulation defects are acquired
- Know how warfarin and heparin work, when to use them, and their potential dangers
- Understand the concept of hypercoagulability (thrombophilia) and its causes

6. ENDOCRINOLOGY AND METABOLISM

6. 1. General introduction
6. 2. Thyroid disease
6. 3. Pituitary disease
6. 4. Adrenal disease
6. 5. Hyperlipidemia
6. 6. Obesity
6. 7. Diabetes mellitus and spontaneous hypoglycemia
6. 8. Calcium metabolism and metabolic disease

6. 1. General introduction

Learning objectives

You need to:

- Know the range of common endocrine diseases
- Understand the relationship between the pathological processes of autoimmunity, neoplasia and failure of feedback regulation those diseases
- Understand how biochemical testing and imaging are used to diagnose endocrine disease

6.2. Thyroid disease

Learning objectives

You should:

- Know the main clinical features and investigation of thyroid disease
- Understand how to approach the patient with “a lump in the thyroid”
- Know how to treat over-and under-production of thyroid hormones
- Know how to deal with thyroid swelling

6. 3. Pituitary disease

Learning objectives

You should:

- Know the significance of the anatomical location of the pituitary and its role in directly and indirectly controlling many vital processes
- Know the clinical features, investigations and treatment of pituitary over-and under activity

6. 4. Adrenal disease

Learning objectives

You should:

- Understand the roles of the adrenal medulla and cortex
- Know the main clinical features, investigation and management of adrenal over-and under activity

6. 5. Hyperlipidemia

Learning objectives

You should:

- Understand the common hyperlipidemias and their relationship to cardiovascular disease
- Be familiar with the current consensus guidelines for starting treatment
- Be aware of the management options

6. 6. Obesity

Learning objectives

You should:

- Be aware of the health hazards associated with obesity
- Understand the management of obesity and how the counsel patients

6. 7. Diabetes mellitus and spontaneous hypoglycemia

Learning objectives

You should:

- Know the main types of diabetes and understand their causes and the rational for their treatment
- Be able to describe the management of the common metabolic emergencies of diabetes (hypo-and hyperglycemia)
- Understand what is meant by diabetic tissue complications and know their features and management

6. 8. Calcium metabolism and metabolic disease

Learning objectives

You must

- Understand calcium metabolism in term of its control mechanism (principally parathyroid hormone (PTH) and vitamin D and intestinal and renal calcium and phosphate handing

- Understand bone formation and resorption in relation on the bone matrix, the “remodeling unit” of osteoblast and osteoblast and the process of mineralization
- Be able to interpret serum calcium, phosphate and alkaline phosphate se and related parameters 8urea, creative and albumin)
- Understand the causes and management of hypocalcaemia and hypocalcaemia
- Understand causes, clinical presentations and prevention of osteoporosis
- Know about some other disorders of bone including Paget’s disease

7. MUSCULOSKELETAL DISEASE

7. 1 Clinical aspects
7. 2 Infection
7. 3 Arthropathies
7. 4 Systemic lupus erythematosus
7. 5 Vasculitides
7. 6 Systemic sclerosis
7. 7 Crystal arthropathies
7. 8 Degenerative arthropathies
7. 9 Calcium metabolism and metabolic bone disease

7. 1. Clinical aspects

Learning objectives

You must be able to:

- Formulate a differential diagnosis based on the history and examination findings and the results of investigations; this must take into account the pattern of joint and other organ involvement
- Discuss the key investigations for particular diseases, why these are important and be able to interpret them
- Discuss the principles of management
- Demonstrate a working knowledge of the main classes of drug used in rheumatological disorders, know the broad indications for their use and know the potential harm.

7. 2. Arthropathies

Learning objectives

You should be able to:

- Describe the systemic manifestations of rheumatoid disease and its management and prognosis
- Set out the differences between the exonerative spondyloarthritis and seropositive rheumatoid disease
- Discuss the range of conditions within the seronegative spondyloarthritis and the similarities and differences between them

7. 3. Systemic lupus erythematosus

Learning objectives

You should be able to:

- Use your knowledge of SLE as a multisystem disorder with an autoimmune basis and, from this, be able to predict its manifestations
- Investigate a person with possible SLE and be able to interpret the results
- Discuss the principles of management

7. 4. Systemic sclerosis

Learning objectives

You should be able to:

- Describe the clinical features of systemic sclerosis

7. 5. Degenerative arthropathies

Learning objectives

You should be able to:

- Diagnose osteoarthritis, distinguish it from rheumatoid arthritis and establish whether it is primary or secondary
- Outline the principles of management

7. 6. Crystal arthropathies

Learning objectives

You should be able to:

- Describe how gout and pseudogout commonly present
- Describe the metabolism of uric acid and how abnormalities lead to gout
- Set out the principles of acute treatment and long-term management

7. 7. Vasculitis

Learning objectives

You should be able to:

- Distinguish the overlapping conditions involving vasculitis
- Discuss the management approaches involved in the varying vasculitis

8. INFECTIONS

8. 1. Clinical aspects
8. 2. HIV infections
8. 3. Sepsis and septic shock
8. 4. Classical infectious diseases
8. 5. Genitourinary infection
8. 6. Skin infections
8. 7. Fever of unknown origin

8. 1.Clinical aspects

Learning objectives

You should:

- Be able to take a history relevant to infectious diseases
- Be able to elicit and interpret important physical signs specific for the major infectious diseases
- Know how to record body temperature and interpret the value
- Appreciate the significance of rigors and know how to act accordingly

8. 2. HIV infections

Learning objectives

You should:

- Understand the basic elements of HIV reproduction and pathogenesis
- Know the important risk factors for HIV transmission
- Be cognizant of the major issues in counseling patients for HIV transmission
- Know how HIV disease progresses
- Know the clinical features of the common AIDS indicator diseases
- Grasp the importance of combination antiretroviral therapy

8. 3. Sepsis and septic shock

Learning objectives

You should:

- Know how to distinguish patients with minor infections from those with life-threatening bacterial or fungal sepsis
- Be able to diagnose meningococsemia, serious staphylococcal infection, toxic shock syndrome and septic shock clinically
- Know the main complications of serious sepsis and be able to implement the basic management strategies.

8. 4. Classical infectious diseases

Learning objectives

You should:

- Know how to diagnose the major classical infectious diseases that occur in adults, including varicella, herpes zoster, rubella parvovirus and glandular fever
- Know the key clinical manifestations of rarer infectious diseases such as mumps, diphtheria, whooping ought, Lyme disease and leptospirosis
- Know to approach the investigation and management of patients complaining of fatigue
- Know which classical infectious diseases are preventable by immunization

8. 5. Genitourinary infection

Learning objectives

You should:

- Know the causes of vaginal discharges and how to treat them
- Know the principles of management of penile discharges and urethritis in men
- Know the major causes of genital ulcers and the principles of management

8. 6. Skin infectious

Learning objectives

You should:

- Know the major forms of skin infection, their microbiology and their treatment
- Be able to recognize cellulites and erysipelas and distinguish these from gas gangrene and necrotising fasciitis

8. 7. Fever of unknown origin

Learning objectives

You should:

- Know how to construct a differential diagnosis for FUO
- Be able to develop a rational approach to investigation in patients with FUO

PHASE IV INTERNAL MEDICINE PROGRAM

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
05.09.2005 - 25.11.2005

05.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Taking History Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Examination of Head and Neck Sabri ŞAHİN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

06.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Examination of the Respiratory System Mehmet TEOMETE, MD
14:00 – 15:00	**LECTURE:** Examination of the Cardiovascular System Dursun DUMAN, MD
15:00 – 16:00	**CASE REPORT:** Approach to the patient with shock Dursun DUMAN, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

07.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Examination of the Gastrointestinal System Sabri ŞAHİN, MD
14:00 – 15:00	**LECTURE:** Examination of Kidney and Urinary Tract İhsan KARAMAN, Assoc.Prof.
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

08.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** EKG Ali ÖZDEMİR,MD
14:00 – 15:00	**LECTURE:** Disorders of Rhythm Ali ÖZDEMİR,MD
15:00 – 16:00	**CASE REPORT:** Valvular Heart Diseases Dursun DUMAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

09.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Rheumatic Fever Yıldız BARUT,MD
14:00 – 15:00	**LECTURE:** Heart Failure Ali ÖZDEMİR,MD
15:00 – 16:00	**CASE REPORT :** Heart failure Ali ÖZDEMİR,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

12.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Hypertension Celal DUMAN,MD
14:00 – 15:00	**LECTURE:** Hypertension Celal DUMAN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

13.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Approach to the Patient with Chest Pain Yıldız BARUT,MD
14:00 – 15:00	**LECTURE:** Acute Coroner Syndromes Dursun DUMAN,MD
15:00 – 16:00	**CASE REPORT:** ST Segment Elevation Myocardial Infarction Dursun DUMAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

14.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Ischemic Heart Disease Dursun DUMAN,MD
14:00 – 15:00	**LECTURE:** Sudden Cardiac Death, Cardiac Arrest, and Cardiopulmonary Resuscitation Dursun DUMAN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

15.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Cor Pulmonale Mehmet TEOMETE,MD
14:00 – 15:00	**LECTURE:** Vasculer Diseases of the Extremities Tayfun KESKİN,MD
15:00 – 16:00	**CASE REPORT:** Deep Venous Thrombosis Tayfun KESKİN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

16.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** The Cardiomyopathies and Myocarditides Dursun DUMAN,MD
14:00 – 15:00	**LECTURE:** Pericardial Disease Müzeyyen KABASAKAL,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

19.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Pneumonia Derya ENGİN,MD
14:00 – 15:00	**LECTURE:** Tuberculosis Ali Ülkü YILMAZ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

20.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Asthma Gül KESKİN,MD
14:00 – 15:00	**LECTURE:** Chronic Obstructive Lung Disease Gül KESKİN,MD
15:00 – 16:00	**CASE REPORT:** Pleural Effusion Gül KESKİN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

21.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Pulmonary Thromboembolism Mehmet TEOMETE,MD
14:00 – 15:00	**LECTURE:** Disorders of the Pleura, Mediastinum, and Diaphragm Müzeyyen KABASAKAL,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

22.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Acute Respiratory Distress Sydrome Gül KESKİN,MD
14:00 – 15:00	**LECTURE:** Enviromental Lung Diseases Gül KESKİN,MD
15:00 – 16:00	**CASE REPORT:** Tuberculosis Gül KESKİN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

23.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Approach to the Patient with Anemia Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Splenomegaly and Lympadenopathies Refik DEMİRTUNÇ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

26.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Anemias Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Anemias Refik DEMİRTUNÇ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

27.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Aplastic Anemia and Myelodysplasia Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Polycythemia Vera and Other Myeloproliferative Diseases Refik DEMİRTUNÇ,MD
15:00 – 16:00	**CASE REPORT:** Iron Deficiency Anemia Refik DEMİRTUNÇ,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

28.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Acute Leukemias Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Chronic Leukemias Refik DEMİRTUNÇ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

29.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Malignities of Lymphoid cells Mehmet Ali TARIM,MD
14:00 – 15:00	**LECTURE:** Plasma Cell Disorders Celal DUMAN,MD
15:00 – 16:00	**CASE REPORT:** Approach the Patient with Thrombocytopenia Refik DEMİRTUNÇ,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

30.09.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Disorders of Hemostasis Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Disseminate Intravascular Coagulation Refik DEMİRTUNÇ,MD
15:00 – 16:00	**CASE REPORT :** Approach to the Patient with Bleeding and Thrombosis Refik DEMİRTUNÇ,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

03.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Approach to the Patient with Cancer Mehmet ALİUSTAOĞLU,MD
14:00 – 15:00	**LECTURE:** Principles of Cancer Therapy Mehmet ALİUSTAOĞLU,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

04.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:**Neoplasms of the Lung Gül KESKİN,MD
14:00 – 15:00	**LECTURE:G**astrointestinal System and Pancreatic Neoplasms and Tumors of the Liver and Biliary Tract Mehmet ALİUSTAOĞLU,MD
15:00 – 16:00	**CASE REPORT:** Febrile Neutropenia Paşa GÖKTAŞ,Assoc.Prof.
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

05.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Tumor Markers Mehmet ALİUSTAOĞLU,MD
14:00 – 15:00	**LECTURE:** Oncologic Emergencies Refik DEMİRTUNÇ,MD
15:00 – 16:00	**CASE REPORT :** Paraneoplastic Syndromes Mehmet ALİUSTAOĞLU,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

06.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Introduction to Infectious Diseases Paşa GÖKTAŞ,Assoc.Prof.
14:00 – 15:00	**LECTURE:** Fever of Unknown Origin Asuman İNAN,MD
15:00 – 16:00	**CASE REPORT:** Infective Endocarditis İlknur ERDEM,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

07.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Sepsis and Septic Shock İlknur ERDEM,MD
14:00 – 15:00	**LECTURE:** Acute Infectious Diarrheal Diseases Gülden HİTİT,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

10.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Infections of the Skin, Muscles, and Soft Tissues Asuman İNAN,MD
14:00 – 15:00	**LECTURE:** Infections of the Central Nervous System Emin KARAGÜL,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

11.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Salmonellosis, Shigellosis, and Brucellosis Asuman İNAN,MD
14:00 – 15:00	**LECTURE:** Herpes Simplex and Varicella-Zoster Virus Infections Nurgül CERAN,MD
15:00 – 16:00	**CASE REPORT:** Typhoid Fever Gülden HİTİT,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

12.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Human Immunodeficiency Virus Disease Paşa GÖKTAŞ,Assoc.Prof.
14:00 – 15:00	**LECTURE:** Common Viral Respiratory Infections Paşa GÖKTAŞ,Assoc.Prof.
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

13.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Approach to the Patients with Parasitic Infections Paşa GÖKTAŞ,Assoc.Prof.
14:00 – 15:00	**LECTURE:** Guidelines for Antibiotic Treatment Derya ENGİN,MD
15:00 – 16:00	**CASE REPORT:** Hospital Infections İlknur ERDEM,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

14.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Diseases of the Esophagus and Peptic Ulcer Ali ÖZTÜRK,MD
14:00 – 15:00	**LECTURE:** Inflammatory Bowel Disease Ali ÖZTÜRK,MD
15:00 – 16:00	**CASE REPORT :** Duodenal Ulcer Ali ÖZTÜRK,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

17.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Evaluation of Liver Function Haluk ŞAVLI,Assoc.Prof.
14:00 – 15:00	**LECTURE:** Bilirubin Metabolism and Hyperbilirubinemia Ali ÖZTÜRK,MD
15:00 – 16:00	**CASE REPORT :** Interpretation of Abnormal Liver Tests Haluk ŞAVLI,Assoc.Prof
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

18.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Acute Viral Hepatitis Paşa GÖKTAŞ,Assoc.Prof.
14:00 – 15:00	**LECTURE:** Chronic Hepatitis Atalay SÜRERDAMAR,MD
15:00 – 16:00	**CASE REPORT:** Gastroesophageal Reflux Disease Ali ÖZTÜRK,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

19.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Toxic and Drug-Induced Hepatitis Derya ENGİN,MD
14:00 – 15:00	**LECTURE:** Cirrhosis and Alcoholic Liver Disease Ali ÖZTÜRK,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

20.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Irritable Bowel Syndrome Nalan USALAN,MD
14:00 – 15:00	**LECTURE:** Autoimmune Hepatitis, Primary Biliary Cirrosis and Sclerosing Cholangitis Tayfun KESKİN,MD
15:00 – 16:00	**CASE REPORT:** Major Complications of Cirrhosis Refik DEMİRTUNÇ,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

21.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Acute and Chronic Pancreatitis Haluk ŞAVLI,Assoc.Prof
14:00 – 15:00	**LECTURE:** Approach to the Patient with Gastrointestinal System Bleeding Ali ÖZTÜRK,MD
15:00 – 16:00	**CASE REPORT :** Approach to the Patient with Gastrointestinal System Bleeding Ali ÖZTÜRK,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

24.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Fluid and Electrolyte Disturbances Mehmet Ali TARIM,MD
14:00 – 15:00	**LECTURE:** Acidosis and Alkalosis Mehmet Ali TARIM,MD
15:00 – 16:00	**CASE REPORT :** Electrolyte and Acid Base Disorders Mehmet Ali TARIM,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

25.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Acute Renal Failure Mustafa CANBAKAN,MD
14:00 – 15:00	**LECTURE:** Chronic Renal Failure Pınar SEYMEN,MD
15:00 – 16:00	**CASE REPORT:** Acute Renal Failure Mustafa CANBAKAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

26.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Glomerulopathies Nalan USALAN,MD
14:00 – 15:00	**LECTURE:** Glomerulopathies Nalan USALAN,MD
15:00 – 16:00	**CASE REPORT :** Nephritic Syndrome Mustafa CANBAKAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

27.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Tubulointerstitial Diseases of the Kidney Nazım DENİZLİ,MD
14:00 – 15:00	**LECTURE:** Dialysis and Transplantation Nazım DENİZLİ,MD
15:00 – 16:00	**CASE REPORT:** Nephrotic Syndrome Pınar SEYMEN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

28.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Introduction to the Immun System Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** The Major Histocompatibility Gene Complex Refik DEMİRTUNÇ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

31.10.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Diseases of the Immediate Type Hypersensitivity Refik DEMİRTUNÇ,MD
14:00 – 15:00	**LECTURE:** Amyloidosis Haluk ŞAVLI,Assoc.Prof
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

01.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Systemic Lupus Erythematosus Seval MASATLIOĞLU,MD
14:00 – 15:00	**LECTURE:** Rheumatoid Arthritis Seval MASATLIOĞLU,MD
15:00 – 16:00	**CASE REPORT:** Rheumatoid Arthritis Seval MASATLIOĞLU,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

02.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Familial Mediterrenian Fever Seval MASATLIOĞLU,MD
14:00 – 15:00	**LECTURE:** Behçet's Disease Seval MASATLIOĞLU,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

07.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** The Vasculitis Syndromes Seval MASATLIOĞLU,MD
14:00 – 15:00	**LECTURE:** Approach to the Patient in Geriatry Refik DEMİRTUNÇ,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

08.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Diseases of the Anterior Pituitary Şerife Nur BOYSAN,MD
14:00 – 15:00	**LECTURE:** Disorders of the Neurohypophsis Şerife Nur BOYSAN,MD
15:00 – 16:00	**CASE REPORT:** Hypopituitarism Şerife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

09.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Hypothyroidism Şerife Nur BOYSAN,MD
14:00 – 15:00	**LECTURE:** Hyperthyroidism Şerife Nur BOYSAN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

10.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Approach to the Patient with Thyroid Nodule Şule ÖZUĞUR,MD
14:00 – 15:00	**LECTURE:** Thyroid Neoplasm Şerife Nur BOYSAN,MD
15:00 – 16:00	**CASE REPORT:** Thyrotoxic Crisis Şerife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

11.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Diseases of the Adrenal Cortex Şerife Nur BOYSAN,MD
14:00 – 15:00	**LECTURE:** Diseases of the Adrenal Cortex Şerife Nur BOYSAN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

14.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Diabetes mellitus Neslihan AYDIN,MD
14:00 – 15:00	**LECTURE:** Acute Complications of Diabetes Mellitus Neslihan AYDIN,MD
15:00 – 16:00	**CASE REPORT :** Diabetes Mellitus Neslihan AYDIN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

15.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Chronic Complications of Diabetes Mellitus Neslihan AYDIN,MD
14:00 – 15:00	**LECTURE:** Oral antidiabetics and Insulin Şerife Nur BOYSAN,MD
15:00 – 16:00	**CASE REPORT:** Diabetic Ketoacidosis Şerife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

16.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Hypoglycemia — Şerife Nur BOYSAN,MD
14:00 – 15:00	**LECTURE:** Pheochromocytoma — Şerife Nur BOYSAN,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

17.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Obesity — Neslihan AYDIN,MD
14:00 – 15:00	**LECTURE:** Disorders of Lipoprotein Metabolism — Atalay SÜRERDAMAR,MD
15:00 – 16:00	**CASE REPORT:** Adrenal Crisis — Şerife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

18.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Hypercalcemic Disorders — Haluk ŞAVLI,Assoc.Prof
14:00 – 15:00	**LECTURE:** Hypocalcemic Disorders — Haluk ŞAVLI,Assoc.Prof
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

21.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Metabolic Bone Disease — Yıldız BARUT,MD
14:00 – 15:00	**LECTURE:** Metabolic Bone Disease — Yıldız BARUT,MD
15:00 – 16:00	Clinical practice and training at patient bedside
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

22.11.2005	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	**LECTURE:** Hemochromatosis — Mehmet TEOMETE,MD
14:00 – 15:00	**LECTURE:** Gout — Mehmet TEOMETE,MD
15:00 – 16:00	**CASE REPORT:** Primary Hyperparathyroidism — Şerife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

23.10.2005	
FREE TIME	

24.10.2005	
THEORETICAL EXAMINATION	

25.10.2005	
PRACTICAL EXAMINATION	

PS: The students must attend to Education Lectures of Department of Internal Medicine at 11 am on Tuesday.

PHASE IV

DR.LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL
PEDIATRICS LECTURE PROGRAMME GROUP A

DATE		TIME	LECTURE	Lecturer
28.11.2005	Monday	13:00-13:50	Introduction to Pediatrics, history taking and physical examination	A.Vitrinel
		14:00-14:50	Cardiovascular system examination	G.Ç.Erdağ
29.11.2005	Tuesday	14:00-14:50	Respiratory system examination	N.Girit
30.11.2005	Wednesday	13:00-13:50	Gastrointestinal and genitourinary system examination	F.Aksoy
		14:00-14:50	Neurological examination	A.Vitrinel
01.12.2005	Thursday	13:00-13:50	Newborn examination	Y.Akın
		14:00-14:50	Prematurity, postmaturity	Y.Akın
02.12.2005	Friday	13:00-13:50	Electrocardiographic principles	G.Ç.Erdağ
		14:00-14:50	Congenital heart disease	K.Esmer
05.12.2005	Monday	13:00-13:50	Nutrition	A.Vitrinel
		14:00-14:50	Nutrition	A.Vitrinel
06.12.2005	Tuesday	14:00-14:50	Obesity	P.Boran
07.12.2005	Wednesday	13:00-13:50	Malnutrition	A.Vitrinel
		14:00-14:50	Malabsorbtion	A.Vitrinel
08.12.2005	Thursday	13:00-13:50	Vitamin deficiencies	Y.Akın
		14:00-14:50	Rahitis	Y.Akın
09.12.2004	Friday	13:00-13:50	Acute gastroenteritis	G.Tokuç
		14:00-14:50	Peptic diseases, H.pylori infection	S. Cömert
12.12.2005	Monday	13:00-13:50	Growth and development	A.Vitrinel
		14:00-14:50	Growth retardation	A.Vitrinel
13.12.2005	Tuesday	14:00-14:50	Introduction to anemia, iron deficiency anemia	G.Tokuç
14.12.2005	Wednesday	13:00-13:50	Immunization principles	A.Vitrinel
		14:00-14:50	Vaccination	A.Vitrinel
15.12.2005	Thursday	13:00-13:50	Non-hemolytic anemias	G.Tokuç
		14:00-14:50	Hemolytic anemias	G.Tokuç
16.12.2005	Friday	13:00-13:50	Disorders of coagulation	G.Tokuç
		14:00-14:50	Disorders of coagulation	G.Tokuç
19.12.2005	Monday	13:00-13:50	Fluid and electrolyte disorders	N.Girit
		14:00-14:50	Acid-base disorders	N.Girit
20.12.2005	Tuesday	14:00-14:50	Tubulopathies	F.Aksoy
21.12.2005	Wednesday	13:00-13:50	Urinary tract infections	G.Ç.Erdağ
		14:00-14:50	Hypertension	S.Cömerrt
22.12.2005	Thursday	13:00-13:50	Acute glomerulonephritis	S.Sadıkoğlu
		14:00-14:50	Nephrotic syndrome	S.Sadıkoğlu
23.12.2005	Friday	13:00-13:50	Acute renal failure	S.Öktem
		14:00-14:50	Chronic renal failure	S.Öktem
26.12.2005	Monday	13:00-13:50	Upper Respiratory Tract Infection	A.Vitrinel
		14:00-14:50	Lower Respiratory Tract Infection	A.Vitrinel
27.12.2005	Tuesday	14:00-14:50	Meningitis	G.Tokuç
28.12.2005	Wednesday	13:00-13:50	Maculopapular-vesicular diseases	A.Vitrinel
		14:00-14:50	Tetanus, diphteria, mumps	A.Vitrinel
29.12.2005	Thursday	13:00-13:50	Hepatitis	G.Tokuç
		14:00-14:50	Hepatitis	G.Tokuç

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30.12.2005	Friday	13:00-13:50	Tuberculosis	N.Girit
		14:00-14:50	Viral paralytic diseases	A.Vitrinel
02.01.2006	Monday	13:00-13:50	Diabetes Mellitus	G.Tokuç
		14:00-14:50	Diabetes Mellitus	G.Tokuç
03.01.2006	Tuesday	14:00-14:50	Chromosomal diseases	S.Cömert
04.01.2006	Wednesday	13:00-13:50	Connective Tıssue Diseases	S.Öktem
		14:00-14:50	Vasculitic Syndromes	S.Öktem
05.01.2006	Thursday	13:00-13:50	Adrenal Hypofunction	G.Tokuç
		14:00-14:50	Shock	S.Cömert
06.01.2006	Friday	13:00-13:50	Urticeria, atopic dermatitis	S.Sadıkoğlu
		14:00-14:50	Inborn Erros of Metabolism	**G.Ç.Erdağ**
09.01.2006	Monday	13:00-13:50	Asthma	N.Girit
		14:00-14:50	Asthma	N.Girit
10.01.2006	Tuesday	14:00-14:50	Blood transfusions and complications	G.Tokuç
16.01.2006	Monday	13:00-13:50	Neonatal Hyperbilirubinemia	Y.Akın
		14:00-14:50	Respiratory Distress Syndrome	Y.Akın
17.01.2006	Tuesday	14:00-14:50	Neonatal sepsis	F.Aksoy
18.01.2006	Wednesday	13:00-13:50	Congenital hypothyridism	F.Aksoy
		14:00-14:50	Hemotological disorders in newborn	**S.Cömert**
19.01.2006	Thursday	13:00-13:50	Neonatal convulsions	**A.Vitrinel**
		14:00-14:50	Cirrhosis, portal hypertension	G.Tokuç
20.01.2006	Friday	13:00-13:50	Congestive heart failure	G.Tokuç
23.01.2006	Monday	13:00-13:50	Increased ıntracranial pressure	S.Sadıkoğlu
		14:00-14:50	Acute rheumatic fever	A.Vitrinel
24.01.2006	Tuesday	14:00-14:50	Infective Endocarditis	**S.Öktem**
25.01.2006	Wednesday	13:00-13:50	Parasitosis	P.Boran
		14:00-14:50	Parasitosis	P.Boran
26.01.2006	Thursday	13: 00-13:50	Solid tumors	**G.Tokuç**
		14:00-14:50	Leukemia	**G.Tokuç**
27.01.2006	Friday	13:00-13:50	Discussion	A.Vitrinel
30-31.01- 01. 02.2006	Monday Tuesday Wednesday	13:00-14:50	Free Working Hour	
02.02.2006	Thursday	09:00	**Written Exam**	
03.02.2006	Friday	09:00	**Oral Exam**	

DR.LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL
PEDIATRICS LECTURE PROGRAMME GROUP B

DATE		TIME	LECTURE	LECTURER
06.02.2006	Monday	13:00-13:50	Introduction to Pediatrics, history taking and physical examination	A.Vitrinel
		14:00-14:50	Cardiovascular system examination	G.Ç.Erdağ
07.02.2006	Tuesday	14:00-14:50	Respiratory system examination	N.Girit
08.02.2006	Wednesday	13:00-13:50	Gastrointestinal and genitourinary system examination	F.Aksoy
		14:00-14:50	Neurological examination	A.Vitrinel
09.02.2006	Thursday	13:00-13:50	Newborn examination	Y.Akın
		14:00-14:50	Prematurity, postmaturity	Y.Akın
10.02.2006	Friday	13:00-13:50	Electrocardiographic principles	G.Ç.Erdağ
		14:00-14:50	Congenital heart disease	K.Esmer
13.02.2006	Monday	13:00-13:50	Nutrition	A.Vitrinel
		14:00-14:50	Nutrition	A.Vitrinel
14.02.2006	Tuesday	14:00-14:50	Obesity	P.Boran
15.02.2006	Wednesday	13:00-13:50	Malnutrition	A.Vitrinel
		14:00-14:50	Malabsorbtion	A.Vitrinel
16.02.2006	Thursday	13:00-13:50	Vitamin deficiencies	Y.Akın
		14:00-14:50	Rahitis	Y.Akın
17.02.2006	Friday	13:00-13:50	Acute gastroenteritis	G.Tokuç
		14:00-14:50	Peptic diseases, H.pylori infection	S. Cömert
20.02.2006	Monday	13:00-13:50	Growth and development	A.Vitrinel
		14:00-14:50	Growth retardation	A.Vitrinel
21.02.2006	Tuesday	14:00-14:50	Introduction to anemia, iron deficiency anemia	G.Tokuç
22.02.2006	Wednesday	13:00-13:50	Immunization principles	A.Vitrinel
		14:00-14:50	Vaccination	A.Vitrinel
23.02.2006	Thursday	13:00-13:50	Non-hemolytic anemias	G.Tokuç
		14:00-14:50	Hemolytic anemias	G.Tokuç
24.02.2006	Friday	13:00-13:50	Disorders of coagulation	G.Tokuç
		14:00-14:50	Disorders of coagulation	G.Tokuç
27.02.2006	Monday	13:00-13:50	Fluid and electrolyte disorders	N.Girit
		14:00-14:50	Acid-base disorders	N.Girit
28.02.2006	Tuesday	14:00-14:50	Tubulopathies	F.Aksoy
01.03.2006	Wednesday	13:00-13:50	Urinary tract infections	G.Ç.Erdağ
		14:00-14:50	Hypertension	S.Cömerrt
02.03.2006	Thursday	13:00-13:50	Acute glomerulonephritis	S.Sadıkoğlu
		14:00-14:50	Nephrotic syndrome	S.Sadıkoğlu

PHASE IV

03.03.2006	Friday	13:00-13:50	Acute renal failure	S.Öktem
		14:00-14:50	Chronic renal failure	S.Öktem
06.03.2006	Monday	13:00-13:50	Upper Respiratory Tract Infection	A.Vitrinel
		14:00-14:50	Lower Respiratory Tract Infection	A.Vitrinel
07.03.2006	Tuesday	14:00-14:50	Meningitis	G.Tokuç
08.03.2006	Wednesday	13:00-13:50	Maculopapular-vesicular diseases	A.Vitrinel
		14:00-14:50	Tetanus, diphteria, mumps	A.Vitrinel
09.03.2006	Thursday	13:00-13:50	Hepatitis	G.Tokuç
		14:00-14:50	Hepatitis	G.Tokuç
10.03.2006	Friday	13:00-13:50	Tuberculosis	N.Girit
		14:00-14:50	Viral paralytic diseases	A.Vitrinel
13.03.2006	Monday	13:00-13:50	Diabetes Mellitus	G.Tokuç
		14:00-14:50	Diabetes Mellitus	G.Tokuç
15.03.2006	Wednesday	13:00-13:50	Connective Tıssue Diseases	S.Öktem
		14:00-14:50	Vasculitic Syndromes	S.Öktem
16.03.2006	Thursday	13:00-13:50	Adrenal Hypofunction	G.Tokuç
		14:00-14:50	Shock	S.Cömert
17.03.2006	Friday	13:00-13:50	Blood transfusions and complications	G.Tokuç
		14:00-14:50	Urticeria, atopic dermatitis	S.Sadıkoğlu
20.03.2006	Monday	13:00-13:50	Asthma	N.Girit
		14:00-14:50	Asthma	N.Girit
21.03.2006	Tuesday	14:00-14:50	Chromosomal diseases	S.Cömert
22.03.2006	Wednesday	13:00-13:50	Inborn Erros of Metabolism	G.Ç.Erdağ
		14:00-14:50	Neonatal Hyperbilirubinemia	Y.Akın
23.03.2006	Thursday	13:00-13:50	Respiratory Distress Syndrome	Y.Akın
		14:00-14:50	Neonatal sepsis	F.Aksoy
24.03.2006	Friday	13:00-13:50	Congenital hypothyridism	F.Aksoy
		14:00-14:50	Hemotological disorders in newborn	S.Cömert
27.03.2006	Monday	13:00-13:50	Neonatal convulsions	A.Vitrinel
		14:00-14:50	Cirrhosis, portal hypertension	G.Tokuç
28.03.2006	Tuesday	14:00-14:50	Congestive heart failure	G.Tokuç
29.03.2006	Wednesday	13:00-13:50	Acute rheumatic fever	A.Vitrinel
		14:00-14:50	Infective Endocarditis	S.Öktem
30.03.2006	Thursday	13:00-13:50	Parasitosis	P.Boran
		14:00-14:50	Parasitosis	P.Boran
31.03.2006	Friday	13:00-13:50	Solid tumors	G.Tokuç
		14:00-14:50	Leukemia	G.Tokuç
03.04.2006	Monday	13:00-13:50	Increased ıntracranial pressure	S.Sadıkoğlu
		14:00-14:50	Discussion	A.Vitrinel
04.04.2006	Tuesday	Free Working Hour		
05.04.2006	Wednesday	Free Working Hour		
06.04.2006	Thursday	**Written Exam**		
07.04.2006	Friday	**Oral Exam**		

PHASE IV

Daily Program

08^{00}-12^{00}	**Clinical practise and training at patient bedside**
13^{00}-15^{00}	**Lecture 1 and 2**
15^{00}-16^{00}	**Clinical practise and training at patient bedside**
15^{00}-16^{00}	**Night shift, clinical practise at Emergency Department**

GROUPS

1. OUTPATIENT	2. OUTPATIENT .	ER	INFECTION	NEONATAL	ONCOLOGY	1. INPATIENT	2. INPATIENT
C1	C2	C3	D1	D2	D3		
C2	C3	C1	D2	D3	D1		
C3	C1	C2	D3	D1	D2		
A1	A2	A3	B1	B2	B3		
A2	A3	A1	B2	B3	B1		
A3	A1	A2	B3	B1	B2		
D1	D2	D3	C1	C2	C3		
D2	D3	D1	C2	C3	C1		
D3	D1	D2	C3	C1	C2		
B1	B2	B3	A1	A2	A3		
B2	B3	B1	A2	A3	A1		
B3	B1	B2	A3	A1	A2		
C			D			A	B
A			B			C	D
D			C			B	A
B			A			D	C

PHASE IV

ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING RESEARCH HOSPITAL,
10/04/2006- 18/05/2006
GYNECOLOGY AND OBSTETRICS CLINICS
THEORETICAL EDUCATION PROGRAM

DATE	LECTURE	LECTURER
10/04/2006	Indications of IVF and screening of ovarian reserve	Cem Fıcıcıoglu, MD, Assoc. Prof.
11/04/2006	Management of abortion	Gulden Onal, MD
12/04/2006	Routine antenatal care	Semih Tugrul, MD
13/04/2006	Colposcopic examination of lower genital tract	Yasemin Yakut, MD
14/04/2006	11th -14th weeks and mid trimester screening tests	Bulent Tandogan, MD
17/04/2006	Ovulation induction	Birgul Gurbuz, MD, Assoc. Prof.
18/04/2006	Ectopic pregnancy	Kemal Altinkas, MD
19/04/2006	Prenatal care in multiple gestation	Erdal Eskicırak, MD
20/04/2006	Evaluation of patient with incontinence and treatment protocols	Cetin Cam, MD
21/04/2006	Approach to fetus with IUGR	Ozay Oral, MD, Assoc. Prof.
24/04/2006	Menopause and climacterium, estrogen replacement therapy	Tayfun Kutlu, MD
25/04/2006	Management of pregnant woman with hypertention	Habibe Ayvaci, MD
26/04/2006	Endometriosis	Tayfun Kutlu, MD
27/04/2006	Diagnostic and operative laparoscopy	Ozay Oral, MD, Assoc. Prof.
28/04/2006	Benign tumors of ovary	Ebru Cogendez, MD
01/05/2006	***Dysfunctional uterine bleeding***	Ozay Oral, MD, Assoc. Prof.
02/05/2006	Hospital experiences in vaginal agenesis cases	Ayse Gurbuz, MD
03/05/2006	Contraception	Yasemin Yakut, MD
04/05/2006	Ovarian hyperstimulation syndrome	Kenan Sofuoglu, MD
05/05/2006	Functional anatomy of the female reproductive system gynecologic history, examination and diagnostic procedures	Ozay Oral, MD, Assoc. Prof.
08/05/2006	Infertility	Serap Yaltı, MD, Assoc. Prof.
09/05/2006	Pelvic inflammatory disease	İlhan Sanverdi, MD
10/05/2006	Fetal distress	Seda Cakir, MD
11/05/2006	Normal and breech presentation	Selcuk Ayas, MD
12/05/2006	Hysterescopy Cesarean Section	Tansel Cetinkaya, MD Deniz Kose, MD
15/05/2006	Management of preterm rupture of fetal membranes Myoma uteri	Oya Pekin, MD Banu Ergul, MD
16/05/2006	Surgical treatment of Relaxation of pelvic structures and experiences Preinvasive neoplastic disease of the cervix	Ates Karateke, MD, Assoc. Prof.
17/05/2006	Coagulopathies Gestational trophoblastic disease	Vedat Dayicioglu, MD Ates Karateke, MD, Assoc. Prof.
18/05/2006	Screening of perinetal infections	Niyazi Tug, MD

PHASE IV

GYNECOLOGY AND OBSTETRICS CLINICS

ROTATIONS

OBSTETRICS	**1A**	**2A**	**3A**
	Delivery room Doppler USG	Pregnancy outpatient follow up Cesarean Section Clinic	Perinatology Delivery Second floor
	Pregnancy outpatient follow up Cesarean Section Clinic	Perinatology Delivery Second floor	Delivery room Doppler USG
	Perinatology Delivery Second floor	Delivery room Doppler USG	Pregnancy outpatient follow up Cesarean Section Clinic

GYNECOLOGY	**1B**	**2B**	**3B**
	Gynecology Clinic I Gynecology Clinic II	Gynecology Policlinic I Gynecology Policlinic II	USG Infertility
	Gynecology Policlinic I Gynecology Policlinic II	USG Infertility	Gynecology Clinic I Gynecology Clinic II
	USG Infertility	Gynecology Clinic I Gynecology Clinic II	Gynecology Policlinic I Gynecology Policlinic II

GYNECOLOGY	**1A**	**2A**	**3A**
	Gynecology Clinic I Gynecology Clinic II	Gynecology Policlinic I Gynecology Policlinic II	USG Infertility
	Gynecology Policlinic I Gynecology Policlinic II	USG Infertility	Gynecology Clinic I Gynecology Clinic II
	USG Infertility	Gynecology Clinic I Gynecology Clinic II	Gynecology Policlinic I Gynecology Policlinic II

OBSTETRICS	**1B**	**2B**	**3B**
	Delivery room Doppler USG	Pregnancy outpatient follow up Cesarean Section Clinic	Perinatology Delivery Second floor
	Pregnancy outpatient follow up Cesarean Section Clinic	Perinatology Delivery Second floor	Delivery room Doppler USG
	Perinatology Delivery Second floor	Delivery room Doppler USG	Pregnancy outpatient follow up Cesarean Section Clinic

BASIC LECTURES
PLASTIC AND RECONSTRUCTIVE SURGERY

Basic principles of plastic and reconstructive surgery
Flaps and grafts
Cleft lip
Cleft palate
Wound healing
Skin cancer and malignant melanoma
Burns and prevention
Reconstructive plastic surgery
Cosmetic surgery
Maxillofacial trauma 1,2
The principals of hand surgery

PLASTIC AND RECONSTRUCTIVE SURGERY
LECTURE PROGRAMME

LECTURE	LECTURER
Scope of Plastic Surgery	Adnan Uzunismail, MD,Prof.
Skin graft and flap	Cem Ari, MD
Cleft lip and palate	Mustafa Tercan, MD,Assoc.Prof.
Wound healing	Hasan Findik, MD
Skin cancer and malignant melanoma	Ertan Seckin, MD
Maxillofacial trauma	Selcuk Oztunc, MD
Burns	Cihat N. Baran, MD, Assoc.Prof.
Hand Surgery	Haydar Iskenderoglu, MD
Cosmetic Surgery	Adnan Uzunismail, MD,Prof.

PHASE IV

THORACIC AND CARDIOVASCULER SURGERY
BASIC LECTURES

Cardiopulmonary resuscitation
Lung cancer
Bronchiectasis
Thorax radiology
Chest wall tumors
Pneumothorax and hemothorax
Disease of the mediastinum
Cystic disease of the lung
Disease of the oesophagus and surgical treatment
Principles of extracorporeal circulation
Adult cardiac surgery
Congenital cardiac surgery
Vascular disease and surgical treatment

PHASE IV

SIYAMI ERSEK
CARDIOVASCULAR SURGERY

08.40-09.30	**Cardiac Anatomy** **Arif Tarhan,MD**	**Surgical Treatment** of **Acute Myocardial Infarction** İlyas Kayacıoğlu,MD	Cardiac **Arrythymias & Surgical** Treatment Abdullah K.Tuygun,MD	**Imaging** Techniques **in Peripheric artery diseases** **Uğur Filizcan,MD**
09.40-10.30	**Extracorporeal Perfusion (ECP)** **Cüneyt Konuralp,MD**	Postinfarction **Ventricular Septal Defect** (VSD)- **Free Wall Rupture** Mehmet Kaplan,MD,Associate Professor	**Cardiomyopathy**, **Transplantation** **Osman Fazlıoğulları,MD**	**Arterial Emboly** **Gökçen Orhan,MD**
10.40-11.30	**Intraoperative organ protection** **Mehmet Ateş,MD**	**Aneurysmal aorta** Soner Sanioğlu,MD	Congenital Cardiac Defects: **Embryology** and **Fetal Circulation** **Yavuz Enç,MD**	**Carotid** Artery **Disease Vertebrobasiller** I**nsufficiency** **Erol Kurç,MD**
11.40-12.30	**CardioPulmonary Ressusitation** (CPR) Rafet Günay,MD	Aortic **Dissections** **Mustafa İdiz,MD**	**Palliative procedures** in **Congenital Heart Disease (CHD)** **Gerçek Çamur,MD**	**Peripheral Arterial Disease Diagnosis** and Management **Indications** for **Surgery** **Bayer Çınar,MD**
13.40-14.30	**Coronary Anatomy** **Onur Gürer,MD**	**Cardiac Valve Prosthesis** **Mehmet Güney,MD**	**Atrial** and **Ventricular Septal Defects** **Bige Aydın,MD**	**Imaging** Techniques **in Venous Disease** **Tamer Kehlibar,MD**
14.40-15.30	**Myocardial Revascularization** **Onur Sokullu,MD**	Aortic **Insufficiency** and **Stenosis** **Batuhan Özay,MD**	**PDA** -**Coarctation** of the **Aort** **Mehmet Kızılay,MD**	**Peripheral Venous Disease Tests and Procedures** **Ünsal Vural,MD**
15.40-16.30	**Conduits** in **Coronary Surgery** **Hakkı Aydoğan,MD**	**Mitral Stenosis** & **Insufficiency** **Bülent Ketenci,MD**	**Fallot's Tetralogy** **Tufan Şener,MD**	**Venous** Trombosis- **Lymphodema** **Şebnem Çetemen,MD**
16.40-17.30	**Off-Pump Coronary Surgery** **Mehmet Yılmaz,MD**	**Surgical Approach** to **Infective Endocarditis** Serdar Çimen,MD	**Transposition** of the **Great Arteries** & **Surgery** **Numan Aydemir,MD**	**Subclavian Steal Syndrome- Vasospastic Diseases** **Aybanu G,Tuygun,MD**

PHASE IV

SIYAMI ERSEK
THORACIC SURGERY

08.40-10.30	**Inflammatory** and infectious **Lung Disorders** **Ilgaz Doğusoy,MD**	Chest wall deformities Hatice Coşkun,MD	**Thoracic trauma** Oya İmamoğlu,MD	**Chest wall tumors and reconstruction** **Ilgaz Doğusoy,MD**
10.30-12.30	**Pleural effusions,** Diaphragm, **Bülent Aydemir,MD**	**Benign Esophageal Disorders, Esophageal Cancer** **Murat Yaşaroğlu,MD**	**The trachea** **Sezai Çelik,MD**	Invasive diagnostic procedures Mehmet Yıldırım,MD
13.40-15.30	**Benign** and rare **Lung Tumors** Hatice Coşkun,MD	**Lung Cancer** **Muharrem Çelik,MD,Associate Professor**	**Bullous and Bleb diseases of the lung** Oya İmamoğlu,MD	**Primary mediastinal tumors** **Tamer Okay,MD**
15.30-17.30	Practice **Sezai Çelik,MD**	Practice Mehmet Yıldırım,MD	Practice Bülent Aydemir,MD	Practice Murat Yaşaroğlu,MD

PHASE IV GENERAL SURGERY THEORETICAL PROGRAM
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

GROUP 1

FIRST WEEK

28.11.2005	13:10-15:10	Obstructive jaundice	Abdullah SAĞLAM MD, Prof.
29.11.2005	13:10-15:00	Acute appendicitis	Tolga MÜFTÜOĞLU, MD
30.11.2005	13:10-15:00	Hydatid disease of liver	Gülüm ALTACA, MD, Assoc.Prof.
		Liver abscess and tumors	Gülüm ALTACA, MD, Assoc.Prof
01.12.2005	13:10-15:00	Pancreatitis	Mehmet ODABAŞI, MD
02.12.2005	13:10-15:00	Periampullar Malignancies	Abdullah SAĞLAM MD, Prof.

SECOND WEEK

05.12.2005	13:10-15:00	Physical Examination of Surgery	Günay GÜRLEYİK, MD, Assoc.Prof.
06.12.2005	13:10-15:00	Fluid and electrolyte therapy	Metin TİLKİ, MD
07.12.2005	13:10-15:00	Gastrointestinal bleeding Blood Transfusions	Osman KRAND, MD

THIRD WEEK

08.12.2005	13:10-15:00	Shock and its treatment	Yılmaz USER, MD
09.12.2005	13:10-15:00	Burns and immediate therapy	Umit TOPALOGLU, MD, Assoc.Prof.
12.12.2005	13:10-15:00	Diseases of the gallbladder and biliary tree	Mehmet TALU, MD
13.12.2005	13:10-15:00	Acute abdomen-peritonitis	Ediz Altınlı, MD, Assoc.Prof.
14.12.2005	13:10-15:00	Colorectal carcinoma Anorectal Disease	Neşet KÖKSAL, MD, Assoc.Prof.

PHASE IV

FOURTH WEEK

15.12.2005	13:10-15:00	Hernias	Sırrı ÖZKAN, MD
16.12.2005	13:10-15:00	Abdominal trauma	Umit TOPALOĞLU, MD, Assoc.Prof.
19.12.2005	13:10-15:00	Diseases of thyroid gland	Yusuf GUNERHAN, MD
20.12.2005	13:10-15:00	Primary hyperparathyroidism	Faruk CEMSIT, MD
21.12.2005	13:10-15:00	Benign and malignant diseases of the stomach	Alper POYRAZ, MD

FIFTH WEEK

22.12.2005	13:10-15:00	Surgical infections and soft tissue tumors	Yılmaz USER, MD
23.12.2005	13:10-15:00	Benign and malignant diseases of the esophagus	Neşet KÖKSAL, MD, Assoc.Prof.
26.12.2005	13:10-15:00	Renal-Pancreatic-Hepatic TX	İzzet TİTİZ MD, Assoc.Prof.
27.12.2005	13:10-15:00	İntestinal obstruction	Mehmet Ali UZUN, MD
28.12.2005	13:10-15:00	Diseases of the breast	Neşet KÖKSAL MD, Assoc.Prof.

SIXTH WEEK

29.12.2005	13:10-15:00	Diseases of adrenal gland Diseases of the spleen	İzzet TİTİZ MD, Assoc.Prof.
30.12.2005	13:10-16:00	Patient care in Emergency room	Umit TOPALOĞLU, MD, Assoc.Prof

PHASE IV GENERAL SURGERY THEORETICAL PROGRAM
HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

GROUP 2

FIRST WEEK

06.02.2006	13:10-15:10	Obstructive jaundice	Abdullah SAĞLAM MD, Prof.
07.02.2006	13:10-15:00	Acute appendicitis	Tolga MÜFTÜOĞLU, MD
08.02.2006	13:10-15:00	Hydatid disease of liver	Gülüm ALTACA, MD, Assoc.Prof.
		Liver abscess and tumors	Gülüm ALTACA, MD, Assoc.Prof
09.02.2006	13:10-15:00	Pancreatitis	Mehmet ODABAŞI, MD
10.02.2006	13:10-15:00	Periampullar Malignancies	Abdullah SAĞLAM MD, Prof.

SECOND WEEK

13.02.2006	13:10-15:00	Physical Examination of Surgery	Günay GÜRLEYİK, MD, Assoc.Prof.
14.02.2006	13:10-15:00	Fluid and electrolyte therapy	Metin TİLKİ, MD
15.02.2006	13:10-15:00	Gastrointestinal bleeding Blood Transfusions	Osman KRAND, MD

THIRD WEEK

16.02.2006	13:10-15:00	Shock and its treatment	Yılmaz USER, MD
17.02.2006	13:10-15:00	Burns and immediate therapy	Umit TOPALOGLU, MD, Assoc.Prof.
20.02.2006	13:10-15:00	Diseases of the gallbladder and biliary tree	Mehmet TALU, MD
21.02.2006	13:10-15:00	Acute abdomen-peritonitis	Ediz Altınlı, MD, Assoc.Prof.
22.02.2006	13:10-15:00	Colorectal carcinoma Anorectal Disease	Neşet KÖKSAL, MD, Assoc.Prof.

PHASE IV

FOURTH WEEK

23.02.2006	13:10-15:00	Hernias	Sırrı ÖZKAN, MD
24.02.2006	13:10-15:00	Abdominal trauma	Umit TOPALOĞLU, MD, Assoc.Prof.
27.02.2006	13:10-15:00	Diseases of thyroid gland	Yusuf GUNERHAN, MD
28.02.2006	13:10-15:00	Primary hyperparathyroidism	Faruk CEMSIT, MD
01.03.2006	13:10-15:00	Benign and malignant diseases of the stomach	Alper POYRAZ, MD

FIFTH WEEK

02.03.2006	13:10-15:00	Surgical infections and soft tissue tumors	Yılmaz USER, MD
03.03.2006	13:10-15:00	Benign and malignant diseases of the esophagus	Neşet KÖKSAL, MD, Assoc.Prof.
06.03.2006	13:10-15:00	Renal-Pancreatic-Hepatic TX	İzzet TİTİZ MD, Assoc.Prof.
07.03.2006	13:10-15:00	İntestinal obstruction	Mehmet Ali UZUN, MD
08.03.2006	13:10-15:00	Diseases of the breast	Neşet KÖKSAL MD, Assoc.Prof.

SIXTH WEEK

09.03.2006	13:10-15:00	Diseases of adrenal gland Diseases of the spleen	İzzet TİTİZ MD, Assoc.Prof.
10.03.2006	13:10-16:00	Patient care in Emergency room	Umit TOPALOĞLU, MD, Assoc.Prof

PHASE IV GENERAL SURGERY PRACTICAL PROGRAM

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

15:10-16:00	Abdominal Examination	Izzet TITIZ, MD, Assoc.Prof. Neşet KÖKSAL, MD, Assoc.Prof. Yılmaz USER, MD Abdullah SAĞLAM, MD, Prof.
15:10-16:00	Surgical Equipment	Osman KRAND, MD Yusuf GÜNERHAN, MD Faruk CEMŞİT, MD Alkar TAŞAN, MD
15:10-16:00	Suture materials	Gülüm ALTACA, MD, Assoc.Prof. Rüştü KURT, MD Mehmet TALU, MD Alkar TAŞAN, MD
15:10-16:00	Catheters	Necati KAYABEYOGLU, MD Rüştü KURT, MD Sırrı ÖZKAN, MD Günay GÜRLEYİK, MD
15:10-16:00	Procedure for intravenous cannula	Ibrahim BERBER, MD Mehmet Ali UZUN, MD Alper POYRAZ, MD Huseyin PEKCAN, MD
15:10-16:00	Intravenous treatment	Erdal EROGLU, MD Atilla ÇELİK, MD Nurtaç AYDIN, MD Ali AYTEKİN, MD
15:10-16:00	Patient Monitoring	Cagatay AYDIN, MD Neset KOKSAL, MD, Assoc.Prof. Metin TILKI, MD Tolga MÜFTÜOĞLU, MD
15:10-16:00	Disinfections	Ibrahim BERBER, MD Yusuf GUNERHAN, MD Handan TANRIKULU, MD Mehmet ODABAŞI, MD
15:10-16:00	Wound care	Ferhat GOCER, MD Rüştü KURT, MD Yilmaz USER, MD Ali AYTEKİN, MD

PHASE IV

15:10-16:00	Diabetic foot	Izzet TITIZ, MD, Assoc.Prof. Mehmet Ali UZUN, MD Faruk CEMŞİT, MD Abdullah SAĞLAM
15:10-16:00	Endoscopy	Osman KRAND, MD Atilla CELIK, MD Mehmet TALU, MD Tolga MÜFTÜOĞLU, MD
15:10-16:00	Transport of the patient	Necati KAYABEYOGLU, MD Neşet KÖKSAL, MD, Assoc.Prof. Sırrı ÖZKAN, MD Alkar TAŞAN, MD
15:10-16:00	Physical Examination of the traumatized patient	Osman KRAND, MD Yusuf GÜNERHAN, MD Alper POYRAZ, MD Gunay GURLEYIK, MD
15:10-16:00	Management of the traumatized patient	Erdal EROGLU, MD Rüştü KURT, MD Nurtaç AYDIN, MD Huseyin PEKCAN, MD
15:10-16:00	Abdominal Examination	Cagatay Aydın, MD Mehmet Ali UZUN, MD Metin TİLKİ, MD Ali AKTEKİN, MD
15:10-16:00	Abdominal Examination	İbrahim BERBER, MD Neşet KÖKSAL, MD, Assoc.Prof. Nurtaç AYDIN, MD Tolga MUFTUOGLU, MD
15:10-16:00	Examination of the thyroid gland	Ferhat GOCER, MD Yusuf GÜNERHAN, MD Yılmaz USER, MD Mehmet ODABASI, MD
15:10-16:00	Anorectal examination	Izzet TITIZ, MD, Assoc.Prof. Rüştü KURT, MD Faruk CEMŞİT, MD Ali AKTEKİN, MD
15:10-16:00	Examination of hernias	Osman KRAND, MD Mehmet Ali UZUN, MD Mehmet TALU, MD Abdullah SAGLAM, MD, Prof.

PHASE IV

15:10-16:00	Médical care of Burns	Gulum ALTACA, MD, Assoc.Prof. Atilla ÇELİK, MD Sırrı ÖZKAN, MD Günay GÜRLEYİK, MD
15:10-16:00	Clinical Breast examination	Necati KAYABEYOĞLU, MD Neset KOKSAL, MD, Assoc.Prof. Alper POYRAZ, MD Alkar TAŞAN, MD
15:10-16:00	Examination of Thorax	Gulum ALTACA, MD, Assoc.Prof. Yusuf GÜNERHAN, MD Handan TANRIKULU, MD Gunay GURLEYIK, MD
15:10-16:00	Examination of the forensic patient	Erdal EROGLU, MD Rüştü KURT, MD Metin TİLKİ, MD Huseyin PEKCAN, MD
15:10-16:00	Surgical infections	Cagatay AYDIN, MD Mehmet Ali UZUN, MD Handan TANRIKULU, MD Mehmet ODABASI, MD

PHASE V
CURRICULUM

YEDITEPE UNIVERSITY SCHOOL OF MEDICINE
PHASE V 2005-2006

TİME OF THE COURSES	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)	(7 STUDENTS)
05-16 September 2005	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY
(2 week)	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL
19-30 September 2005	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY
(2 week)	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY
03-14 October 2005	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY
(2 week)	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL
17-28 October 2005	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE
(2 week)	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH
31 Oct - 11 Nov 2005	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY
(2 week)	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.	YUFM
14-25 November 2005	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR	RADIOLOGY
(2 week)	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.	HAYDARPAŞA NH.
28 Nov -09 Dec 2005	RADIOLOGY	FORENSIC MED/ CL.PHARMACOLOGY	INFECTIOUS DISEASE	ANESTHESIOLOGY	NUCLEAR MED+ R.ONCOLOGY	DERMATOLOGY	PMR
(2 week)	HAYDARPAŞA NH.	YUFM	HAYDARPAŞA NH	KARTAL	MARMARA UNIVERSITY	KARTAL	HAYDARPAŞA NH.

TİME OF THE COURSES	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(6 STUDENTS)	(7 STUDENTS)
12-30 December 2005	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.
(3 week)	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL
16 Jan-03 Feb 2006	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY
(3 week)	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH
06-24 February 2006	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY
(3 week)	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH
27 Feb-17 March 2006	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH
20 March -07 April 2006	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT	OPHTHALMOLOGY
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL	HAYDARPAŞA NH
10-28 April 2006	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY	ENT
(3 week)	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL	KARTAL
01-18 May2006	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.	UROLOGY
(3 week)	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.	KARTAL
22May 09 Jun2006	UROLOGY	ENT	OPHTHALMOLOGY	NOROLOGY	NEUROSURGERY	PSYCHIATRY	PEDIATRIC SURGERY.	ORTOPAEDICS-TRAV.
(3 week)	KARTAL	KARTAL	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	HAYDARPAŞA NH	Z.KAMİL	HAYDARPAŞA NH.

	WHOLE CLASS
May 29-june 02 2006 1 week	CLINICAL ETHICS YUFM
05-09 June 2006 1 week	PUBLIC HEALTH YUFM

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

2005-2006

5th YEAR MED STUDENTS

LIST OF GROUPS

SEPTEMBER 05-DECEMBER 16

GROUPS	NAME - SURNAME
GROUP I	
	SELÇUK ÖNTÜRK
	ORCUN DOYRAN
	POLAT OLGUN
	MUSTAFA ÇELİKKAYA
	ÖZGE ALİOĞLU
	MELEK SELİN GEDELEÇ
	CENK GÜNGÖR
GROUP II	
	GÖKÇEN ÇETİNKAYA
	ASLI KARADENİZ
	ASLI AZAKOĞLU
	SILA ALTINEL
	FATME SEHA KETENCİ
	BURAK GEÇGİN
	BORA YENER
GROUP III	
	ÖZGE MISIRLIOĞLU
	ONUR ÇELİK
	NARİN TEKİN
	BANU SAYOĞLU
	HANDE AKBAL
	AHMET ACARBULUT
	HAMİT KAFKAS ÇELİK
GROUP IV	
	ÖZLEM SARIOĞLU
	YUSUF ARUSER
	HASAN ERGENÇ
	BURCU ONAMAY
	HANDE NASIR
	AYŞE SAYAR
	DENİZ AKÇA
GROUP V	
	DERYA AYDINOK
	NEZİH ONUR ERMERAK
	KAYHAN TUĞRUL
	OSEN ARI
	ALP ATASOY
	ECE ÇAYIRCILAR
	AYŞE GÜÇLÜ
GROUP VI	
	RÜMEYSA YENİ
	NİLÜFER KILIÇ
	FATMA FERİHA CENGİZ
	KÜBRA SAĞLAM
	YELİZ HISIM
	ÖMER KARAHAN
	BEYTULLAH UNAT
GROUP VII	
	BÜŞRA AKIN
	BEGÜM AYDOĞAN
	FİGEN TAŞ
	EMİNE GÜLER ŞAHOĞLU
	GÜLSÜM SÜMER
	MİHRİMAH ÖZERK

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

2005-2006

5th YEAR MED STUDENTS

LIST OF GROUPS

DECEMBER 19-JUNE 09

GROUPS	NAME - SURNAME
GROUP I	
	SELÇUK ÖNTÜRK
	ORCUN DOYRAN
	POLAT OLGUN
	MUSTAFA ÇELİKKAYA
	ÖZGE ALİOĞLU
	MELEK SELİN GEDELEÇ
GROUP II	
	GÖKÇEN ÇETİNKAYA
	ASLI KARADENİZ
	ASLI AZAKOĞLU
	SILA ALTINEL
	FATME SEHA KETENCİ
	AYŞE GÜÇLÜ
GROUP III	
	ÖZGE MISIRLIOĞLU
	ONUR ÇELİK
	NARİN TEKİN
	BANU SAYOĞLU
	HANDE AKBAL
	AHMET ACARBULUT
GROUP IV	
	ÖZLEM SARIOĞLU
	YUSUF ARUSER
	HASAN ERGENÇ
	ÖMER KARAHAN
	AYŞE SAYAR
	DENİZ AKÇA
GROUP V	
	DERYA AYDINOK
	NEZİH ONUR ERMERAK
	KAYHAN TUĞRUL
	OSEN ARI
	ALP ATASOY
	ECE ÇAYIRCILAR
GROUP VI	
	RÜMEYSA YENİ
	NİLÜFER KILIÇ
	FATMA FERİHA CENGİZ
	KÜBRA SAĞLAM
	YELİZ HISIM
	BEYTULLAH UNAT
GROUP VII	
	BÜŞRA AKIN
	BEGÜM AYDOĞAN
	FİGEN TAŞ
	GÜLER ŞAHOĞLU
	GÜLSÜM SÜMER
	MİHRİMAH ÖZBERK
GROUP VIII	
	HANDE NASIR
	HAMİT KAFKAS ÇELİK
	BURCU ONOMAY
	CENK GÜNGÖR
	BORA YENER
	BURAK GEÇGİN

PHASE 5

CONFERENCES

CLERKSHIP PROGRAMMES

- Forensic Medicine
- Anesthesiology and Reanimation
- Dermatology
- Neurology
- Neurosurgery
- Nuclear Medicine and Radiation Oncology
- Opthalmology
- Orthopaedics
- Otorhinolaryngology
- Pediatric Surgery
- Physical Therapy and Rehabilitation
- Psychiatry
- Radiology
- Urology
- Clinic Microbiology
- Clinical Pharmacology
- Clinic Ethics
- Public Health

PHASE V

ANESTHESIOLOGY (2 WEEKS)

TIME /FİRST WEEK	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
08.00-10.00	Practice , General Introduction	Indications of Medical Intensive Care Units (T)	Intravenous Anesthesia and Intravenous Anesthesics (T)	Principles of Airway Opening and Endotracheal Entubation (T)	Cardio Pulmonary Resusitation (T)
10.00-12.00	PreanesthesicAsessment and Premedication (T)	Indications of Medical Intensive Care Units (P)	Intravenous Anesthesia and Intravenous Anesthesics (P)	Principles of Airway Opening and Endotracheal Entubation (P)	Cardio Pulmonary Resusitation (P)
12.00-14.00	PreanesthesicAsessment and Premedication (P)	Muscle Relaxants (T)	Spinal Anesthesia (T)	Epidural Anesthesia (T)	Monitorisation (T)
14.00-16.00		Muscle Relaxants (P)	Spinal Anesthesia (P)	Epidural Anesthesia (P)	Monitorisation (P)

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PHASE V

TIME /SECOND WEEK	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
08.00-10.00	Central and Peripherial Intravenous Cannulation Techniques (T)	Local Anesthetics (T)	Neuroanesthesia (T)	Intoxications and Main Principles of the Intox.Treatment (T)	Quizz (Practice Examination)
10.00-12.00	Central and Peripherial Intravenous Cannulation Techniques (P)	Local Anesthetics (P)	Neuroanesthesia (P)	Intoxications and Main Principles of the Intox.Treatment (P)	Quizz (Written Examination)
12.00-14.00	Anesthesia Equipment (T)	Obstetric Anesthesia (T)	Inhalation Anesthesia and Anesthesics (T)	Pediatric Anesthesia (T)	

PHASE V

DR.LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

ANESTHESIA CLINIC I

Zuhal Arıkan,MD ***(Chairman)***

Tamer Kuzucuoğlu,MD***(Vice-Chairman)***

ANESTHESIA CLINIC II

Serhan Çolakoğlu,MD ***(Chairman)***

Elif Bombacı,MD ***(Vice-Chairman)***

Banu Çevik,MD ***(Vice-Chairman)***

Lectures

PreanesthesicAsessment and Premedication

Inhalation Anesthesia and Anesthesics

Muscle Relaxants

Indications of Medical Intensive Care Units

Intravenous Anesthesia and Intravenous Anesthesics

Spinal Anesthesia

Epidural Anesthesia

Principles of Airway Opening and Endotracheal Entubation

Cardio Pulmonary Resusitation

Monitorisation

Pediatric Anesthesia

Neuroanesthesia

Central and Peripherial Intravenous Cannulation Techniques

Local Anesthetics

Obstetric Anesthesia

Anesthesia Equipment

Intoxications and Main Principles of the Intox.Treatment

PHASE V

CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES SCHEDULE

Organisation and quality control of microbiology laboratory *13.40- 14.30 lectures*

Sterilisation and disinfection *14.40-15.30 lectures*

Ethiological agents isolated from different clinical materials *13.40-14.30 lectures*

Classification of antimicrobial resistance mechanism against antimicrobials, antimicrobial therapy *11.40-12.30 lectures*

Interpretation of serological tests for diagnosis of infections *13.40-14.30 lectures*

Fever of unknown origin.*16.40-17.30 lectures*

Infections in immunocompromised patients *13.40-14.30 lectures*

Medically important fungi *16.40-17.30 lectures*

General Approach to the Patient with Infectious Disease *15.40-16.30 lectures*

Acute Pneumoniae *16.40-17.30 lectures*

Infective Endocarditis *15.40-16.30 lectures*

Acute Viral Hepatitis *16.40-17.30 lectures*

Central Nervous System Infections *13.40-14.30 lectures*

Brucellosis *11.40-12.30 lectures*

Salmonellosis *15.40-16.30 lectures*

Tuberculosis *15.40-16.30 lectures*

Acute Patients with Fever and Rash *09.40-10.30 lectures*

Sepsis *15.40-16.30 lectures*

Acute Gastroenterititis *16.40-17.30 lectures*

Nosocomial Infections *14.40-15.30 lectures*

AIDS *09.40-10.30 lectures*

PHASE V

CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES
WEEKLY SCHEDULE-1

Time/ First Week	**Subject**	**Lecturer**
08.40-09.30	Practice	Paşa Göktaş,MD,Associate Professor
09.40-10.30	*Practice *AIDS	Seyfi Çelik Özyürek,MD
10.40-11.30	*Practice	Emin Karagül,MD
11.40-12.30	*Brucellosis	Gülden Özsoy Hitit,MD
13.40-14.30	*Ethiological agents isolated from different clinical materials *Interpretation of serological tests for diagnosis of infections *Infections in immunocompromised patients	Nurgül Subaşı Ceran,MD
14.40-15.30	*Nosocomial Infections	İlknur Erdem,MD
15.40-16.30	*Salmonellosis *Tuberculosis	Derya Öztürk Engin,MD
16.40-17.30	*Acute Gastroenteritis *Acute Viral Hepatitis *Acute Pneumoniae	Asuman Şengöz İnan,MD

PHASE V

CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES
WEEKLY SCHEDULE-2

Time/ Second Week	**Subject**	**Lecturer**
08.40-09.30	Practice	Paşa Göktaş,MD,Associate Professor
09.40-10.30	*Practice *Acute Patients with Fever and Rash	Seyfi Çelik Özyürek,MD
10.40-11.30	*Practice	Emin Karagül,MD
11.40-12.30	*Classification of antimicrobial resistance mechanism against antimicrobials, antimicrobial therapy	Gülden Özsoy Hitit,MD
13.40-14.30	*Central Nervous System Infections *Organisation and quality control of microbiology laboratory	Nurgül Subaşı Ceran,MD
14.40-15.30	*Sterilisation and disinfection	İlknur Erdem,MD
15.40-16.30	*Sepsis *General Approach to the patient with Infectious Disease *Infective Endocarditis	Derya Öztürk Engin,MD
16.40-17.30	*Fever of unknown origin. *Medically important fungi	Asuman Şengöz İnan,MD

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES

LECTURERS

Paşa Göktaş,MD,Associate Professor

Seyfi Çelik Özyürek,MD

Emin Karagül,MD

Gülden Özsoy Hitit,MD

Nurgül Subaşı Ceran,MD

İlknur Erdem,MD

Asuman Şengöz İnan,MD

Derya Öztürk Engin,MD

PHASE V

YEDITEPE UNIVERSITY FACULTY OF MEDICINE

CLINICAL PHARMACOLOGY

Ece GENÇ,Ph.D.Professor

Halil SAĞDUYU,MD,Professor

2 weeks

The topics to be covered:

- General introduction to the program and its evaluation criteria
- Rational drug use and information about prescription writing, discussion on examples of prescriptions
- Clinically important drug interactions and their significance in clinical pharmacology
- Medical emergency of drug intoxications
- Clinical pharmacology of Central Nervous System drugs I(Special emphasis on General anesthetics and alcohol)
- Clinical pharmacology of Central Nervous System drugs II
- Clinical pharmacology of the drugs used for the treatment of essential hypertension and Congestive Heart Failure
- Clinical pharmacology of the drugs used in the treatment of Angina Pectoris and Arrhythmias
- Clinical pharmacology of the GI system drugs
- Rational use of antibacterial agents
- Rational use of analgesics and skeletal muscle relaxants
- Drug therapy monitoring

YEDITEPE UNIVERSITY FACULTY OF MEDICINE
CLINICAL PHARMACOLOGY

TIME	TOPIC	INSTRUCTOR
Monday 16:00-!8:00	General introduction to the program and its evaluation criteria Rational drug use and information about prescription writing, discussion on examples of prescriptions	**Halil SAĞDUYU, MD, Professor**
Tuesday 16:00-18:00	Clinically important drug interactions and their significance in clinical pharmacology	**Halil SAĞDUYU, MD, Professor**
Wednesday 16:00-18:00	Medical emergency of drug intoxications	**Halil SAĞDUYU, MD, Professor**
Thursday 16:00-18:00	Clinical pharmacology of Central Nervous System drugs I(Special emphasis on General anesthetics and alcohol)	**Halil SAĞDUYU, MD, Professor**
Friday 16:00-18:00	Clinical pharmacology of Central Nervous System drugs II	**Halil SAĞDUYU, MD, Professor**

PHASE V

SECOND WEEK	TOPIC	INSTRUCTOR
Monday 16:00-18:00	Clinical pharmacology of the drugs used for the treatment of essential hypertension and Congestive Heart Failure	**Halil SAĞDUYU, MD, Professor**
Tuesday 16:00-18:00	Clinical pharmacology of the drugs used in the treatment of Angina Pectoris and Arrhythmias	**Halil SAĞDUYU, MD, Professor**
Wednesday 16:00-18:00	Clinical pharmacology of the GI system drugs	**Halil SAĞDUYU, MD, Professor**
Thursday 16:00-18:00	Rational use of antibacterial agents	**Halil SAĞDUYU, MD, Professor**
Friday 16:00-18:00	Rational use of analgesics and skeletal muscle relaxants	**Halil SAĞDUYU, MD, Professor**
To be announced	Therapeutic drug monitoring	**Ece GENÇ,Ph.D.Professor**

PHASE V

DERMATOLOGY

LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Saadettin GÜREL,MD

Sema KILIÇ,MD

Füsun MERTOĞLU,MD

Lectures(2 weeks)

Elementary lesions	Saadettin Güler,MD
Fungal infections	Saadettin Güler,MD
Eczema	Sema Kılıç,MD
Cutaneous Tuberculosis	Saadettin Güler,MD
Cutaneous Leishmaniasis	Saadettin Güler,MD
Atopic dermatitis	Sema Kılıç,MD
Paraneoplastic skin lesions	Sema Kılıç,MD
Precancerous lesions	Sema Kılıç,MD
Malignant tumors of the skin	Sema Kılıç,MD
Acne vulgaris-acne rosacea	Füsun Mertoğlu,MD
Pigmented lesions	Füsun Mertoğlu,MD
Bacterial infections	Saadettin Güler,MD
Viral infections	Sema Kılıç,MD
Bullous diseases	Sema Kılıç,MD
Urticaria	Füsun Mertoğlu,MD
Behçet's Disease	Sema Kılıç,MD
Pruritus generalis	Füsun Mertoğlu,MD
Papulosquamous diseases	Sema Kılıç,MD
Eritroderma	Sema Kılıç,MD
Syphilis	Saadettin Güler,MD
Parasitic infections	Füsun Mertoğlu,MD
Collagen vascular diseases	Füsun Mertoğlu,MD
AIDS	Füsun Mertoğlu,MD
Scabies: Gale	Saadettin Güler,MD

MARMARA UNIVERSITY FACULTY OF MEDICINE

FORENSIC MEDICINE

(2 weeks)

Oğuz Polat MD, Professor.
M.Ercüment Aksoy MD, Associate Professor
Nesime Okboy Yaycı MD, Assistant Professor

Somatic death
Brain Stem Death and Organ Transplantation
Post mortem changes
Identification
Medico-Legal Autopsy
Time of Death
Asphyxial Deaths
Bodies Recovered from Water
Wounds
Gunshot Wounds
Head Injury
Human righs violation
Child abuse and neglect
Injury and Death in Childhood, SIDS
Drug-Related Deaths
Alcohol and Alcoholism
Sexual Offences

Place: Yeditepe University Faculty of Medicine

PHASE V

Time/ First Week	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45	Child Rights I. Polat O. MD.	Human Rights Violations Polat O. MD.	Forensic System and Physician Polat O. MD.	Evaluation of Legal Cases Aksoy ME. MD	Definition of Death Aksoy ME. MD
10:00-10:45	Child Rights II. Polat O. MD.	Human Rights Violations Polat O. MD.	Crime scene Investigation Polat O. MD.	Related Turkish Penalty Code Aksoy ME. MD	Post Mortem Changes Aksoy ME. MD
11:00-11-45	Child Abuse and Neglect Polat O. MD.	Torture Polat O. MD.	Laws relating autopsy Polat O. MD.	Grouping Traumatic Lesions Aksoy ME. MD	Identification Aksoy ME. MD
13:00-13:45	Legal Aspects of Child abuse Polat O. MD.	Wounds Polat O. MD.	Medico-legal Autopsy I. Aksoy ME. MD	Report Writing I. Aksoy ME. MD	Drug related deaths Aksoy ME. MD
14:00-14:45	Elder Abuse Polat O. MD.	Blunt Injuries Polat O. MD.	Medico-legal Autopsy II. Aksoy ME. MD	Report Writing II. Aksoy ME. MD	Alcohol and alcoholism Aksoy ME. MD
15:00-15:45	Legal Aspects Polat O. MD.	Incised wounds Polat O. MD.	Autopsy VCD Aksoy ME. MD	Time of death Aksoy ME. MD	Narcotic Drugs Aksoy ME. MD

PHASE V

Time/ Second Week	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45	Sexual Offences I. Polat O. MD.	Gunshot wounds Polat O. MD.	Turkish Penalty Code and physician Yaycı ON MD	Deaths related to pregnancy Yaycı ON MD	Final Evaluation Aksoy ME. MD
10:00-10:45	Sexual Offences II. Polat O. MD.	Gunshot wounds Polat O. MD.	Medical Malpractice I. Yaycı ON MD	Neonatal Deaths Yaycı ON MD	Exam Aksoy ME. MD
11:00-11:45	Sexual Offences III. Polat O. MD.	Hypothermia, elecrical injuries Polat O. MD.	Medical malpractice II. Yaycı ON MD	SIDS, Infanticide Yaycı ON MD	Exam Aksoy ME. MD
13:00-13:45	Mechanical Asphxia Polat O. MD.	Forensic Psychiatry I. Polat O. MD	Autopsy Polat O. MD.	Sudden Unexpected Deaths Yaycı ON MD	
14:00-14:45	Hanging Polat O. MD.	Forensic Psychiatry II. Polat O. MD	Autopsy Polat O. MD.	Deaths due to CNS Yaycı ON MD	
15:00-15:45	Bodies recovered from water Polat O. MD.	Head Injuries Polat O. MD	Autopsy Polat O. MD.	Cardiovascular Deaths Yaycı ON MD	

MARMARA UNIVERSITY FACULTY OF MEDICINE
NUCLEAR MEDICINE

Halil Turgut Turoğlu,MD,Professor

Tanju Yusuf Erdil,MD,Associate Professor

Lectures

1. Radiobiology
2. Thyroid and parathyroid scintigraphy
3. Nuclear medicine in hyperparathyroidism
4. Nuclear medicine in thyroid carcinoma
5. Bone scan in benign bone diseases
6. Bone scan in malignant bone diseases
7. Dynamic renal scan
8. Static renal scan
9. Myocardial perfusion scan
10. MUGA, first pass
11. V/Q scan
12. Captoprai renography, transplant scan
13. Direct and indirect scystography
14. Hepatobiliary scan
15. GIS bleeding scan
16. PET
17. Emergency nuclear medicine

Place: Yeditepe University Faculty of Medicine

PHASE V

NUCLEAR MEDICINE

TIME / FIRST WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.40-10.30	Practice Hot lab and gamma cameras	Practice MPS	Practice Bone scan	Practice Dynamic and Static Renal scan	Practice MUGA,First Pass
10.40-11.30	Introduction to Nuclear Medicine	Bone scan in Malignant Bone Diseases	Dynamic renal scan	MUGA,First Pass	Captopril Renography Transplant Scan
11.40-12.30	Radiobiology	Nuclear Medicine in Thyroid Cancer	Static renal scan	AMI Tc -99m PYP In-111 antimyosin Ab	Direct and Indirect Radionuclide Cystography
13.40-14.30	Thyroid and parathyroid Scintigraphy	Nuclear Medicine in Hyperthyroidism	Myocardial perfusion scan, Indications,techniques	V/Q scan	RIP Radioiodine tx Differentiated Thyroid Carcinoma
14.40-15.30	Nuclear Medicine in Hyperthyroidism	Practice MPS,Treadmill	MPS TI-201,Tc-99m MIBI	V/Q scan	RIP Radioiodine tx Plummer Graves Disease
15.40-16.30	Thyroid and Parathyroid Scintigraphy	Practice	Practice General Nuclear Medicine PET images	Practice:V/Q scan P.E. Tc-99m MAA Tc-99m DTPA aerosol Xe-133	Practice HBS,Gastrointestinal Bleeding Scan

PHASE V

RADIATION ONCOLOGY

MARMARA UNIVERSITY FACULTY OF MEDICINE

Meriç Şengöz,MD,Associate Professor

Uğur Abacıoğlu,MD,Assistant Professor

Lectures (ONE WEEK)

Radiation Oncology terminatology

Basics of Radiation Physics

Basics of Radiation Biology

Treatment planning,the aim of simulation,treatment set up,Simulation Procedure

Radiation Techniques

Types of radiotherapy,the difference of external beam radiation and brachytherapy

3-D Conformed Radiotherapy, Brachytherapy

Radiosurgery

Cancer Management,Cancer Treatment Options

Radioprotection

The role of radiotherapy in the management of different cancer types

Breast Cancer

Lung Cancer

Gastrointestinal Cancer

Head and Neck Cancer

Brain Tumor

Lymphomas

Gynecologic Cancer

Urinary system Cancer

Pediatric Cancer

Palliative Radiotherapy

Radiotherapy of benign diseases

Skin Cancer

PHASE V

RADIATION ONCOLOGY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.40-10.30	Introduction	Types of radiotherapy	Breast cancer	Lymphomas	Chemoradiation
10.40-11.30	Basics of Radiation Physics	The difference of external beam radiation and Brachytherapy 3-D Conformed Radiotherapy,Brachytherapy	Lung cancerBasics of Radiation Physics	Gynecologic Cancer	RT of benign diseases
11.40-12.30	Basics of Radiation Biology	Radiosurgery Cancer Management Cancer Treatment Options	Gastrointestinal cancer	Urinary System Cancer	Skin Cancer
13.40-14.30	Treatment planning, the aim of simulation	The role of radiotherapy in the management of different cancer types	Head and neck cancer	Pediatric Cancer	Personal Presentation
14.40-15.30	Treatment set up, simulation procedure	Practice at Clinic	Brain tumor	Palliative Radiotherapy	Final Examination
15.40-16.30	Radiation Techniques	Practice at Clinic	Practice	Practice	Discussion

PHASE V

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

PHYSICAL MEDICINE AND REHABILITATION (2 Weeks)

TIME/ FIRST WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.00-10.00	Rehabilitation Medicine and Community Based Rehabilitation Can Bora Önder,MD	Cervical and Upper Extremity Pain Can Bora Önder,MD	Musculoskeletal Symptoms and Signs in Hematologic Diseases Can Bora Önder,MD	Degenerative Arthritis Suat Berzeg,MD	Monoarthrits Suat Berzeg,MD
10.15-12.15	Traumatic Brain Injury and Stroke Rehabilitation Can Bora Önder,MD	Osteoporozis Can Bora Önder,MD	Musculoskeletal Symptoms and Signs in Malign Diseases Can Bora Önder,MD	Low-Back Pain Suat Berzeg,MD	Approach to the patient with Coxarthrosis Suat Berzeg,MD
13.15-15.15	Sports Medicine Can Bora Önder,MD	Approach to the patient with Entrapment Neuropathies Can Bora Önder,MD	Laboratory Findings in Rheumatology Diseases Can Bora Önder,MD	Spinal Cord Injury Rehabilitation Suat Berzeg,MD	Vertebrobasiller Insufficiency Suat Berzeg,MD
15.30-17.30	Rheumatoid Arthritis Can Bora Önder,MD	Sero (-) Spondylarthropathies Can Bora Önder,MD	Physiopathology and Rehabilitation of Cristal Induced Arthropathies Can Bora Önder,MD	Approach to the patient with Spasticity Suat Berzeg,MD	Polyneuropathies Suat Berzeg,MD

PHASE V

TIME/ SECOND WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.00-10.00	Musculoskeletal Symptoms and Signs in Endocrine Diseases Can Bora Önder,MD	NSAID (Nonsteroidal antiinflammatorygrugs) Use/Contraindications Can Bora Önder,MD	Approach to the patient with Spinocerebellar Degenerative Diseases Can Bora Önder,MD	Approach to the patient with Inflammatory Myopathies Can Bora Önder,MD	Final Exam
10.15-12.15	Approach to the patient with Thoracic Outlet Syndrome. Can Bora Önder,MD	Approach to the patient with Polyarthrits Can Bora Önder,MD	Scolyosis Suat Berzeg,MD	Slow -Acting Drugs Suat Berzeg,MD	Discussion
13.15-15.15	Approach to the patient with Painful Shoulder Can Bora Önder,MD	Approach to the patient with Vasculits Can Bora Önder,MD	Medicinal Therapeutic Bath,Balneotherapy Suat Berzeg,MD	Therapeutic Exercises Suat Berzeg,MD	
15.30-17.30	Physical Medicine Agents Can Bora Önder,MD	Reflex sympathetic dystrophia (RSD) Can Bora Önder,MD	Diagnosis & Treatment of Pain,Pain Management Can Bora Önder,MD	Approach to the patient with Foot Pain,Ankle Foot Pain Suat Berzeg,MD	

PHASE V

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
RADIOLOGY (2 weeks)

AHMET CEVRİ YILDIZ,MD
OKAN AKINCI,MD

1.WEEK

MONDAY

LECTURE	SUBJECT	LECTURER
1.	PHYSICS OF ROENTGEN	AHMET CEVRİ YILDIZ,MD
2.	CONTRAST MEDIA	OKAN AKINCI,MD
3.	NORMAL CHEST X-RAY FILM	OKAN AKINCI,MD

TUESDAY

LECTURE	SUBJECT	LECTURER
1.	INTERPRETATION OF THE ABNORMAL CHEST X-RAY FILM	OKAN AKINCI,MD
2.	DIFFERANTIAL DIAGNOSIS OF CHEST DISORDERS	OKAN AKINCI,MD
3.	THE MEDIASTINUM	AHMET CEVRİ YILDIZ,MD

WEDNESDAY

LECTURE	SUBJECT	LECTURER
1.	MAMMOGRAPHY	AHMET CEVRİ YILDIZ,MD
2.	ULTRASONOGRAPHY	AHMET CEVRİ YILDIZ,MD
3.	DOPPLER ULTRASONOGRAPHY	OKAN AKINCI,MD

THURSDAY

LECTURE	SUBJECT	LECTURER
1.	MAGNETIC RESONANCE IMAGING	OKAN AKINCI,MD
2.	PERIOSTAL REACTIONS,BONE INFECTIONS, DISEASES OF JOINTS	AHMET CEVRİ YILDIZ,MD
3.	SKLETAL TRAUMA	AHMET CEVRİ YILDIZ,MD

FRIDAY

LECTURE	SUBJECT	LECTURER
1.	INTERVENTIONAL RADIOLOGY	OKAN AKINCI,MD
2.	METABOLIC AND ENDOCRINE DISORDERS AFFECTING BONE	AHMET CEVRİ YILDIZ,MD

PHASE V

2. WEEK

MONDAY

LECTURE	SUBJECT	LECTURER
1.	RADIOLOGY IN UPPER GASTROINTESTINAL TRACT	AHMET CEVRİ YILDIZ,MD
2.	RADIOLOGY IN LOWER GASTROINTESTINAL TRACT	AHMET CEVRİ YILDIZ,MD

TUESDAY

LECTURE	SUBJECT	LECTURER
1.	RADIOLOGY IN HEPATOBILIER SYSTEM	OKAN AKINCI,MD
2.	INFLAMMATORY INTESTINAL DISEASE	OKAN AKINCI,MD

WEDNESDAY

LECTURE	SUBJECT	LECTURER
1.	ANATOMY AND FUNCTION OF UROGENITAL TRACT	AHMET CEVRİ YILDIZ,MD
2.	RENAL,ADRENAL,URETERAL, VESICAL AND SCROTAL DISORDERS	AHMET CEVRİ YILDIZ,MD

THURSDAY

LECTURE	SUBJECT	LECTURER
1.	SALIVARY GLANDS	AHMET CEVRİ YILDIZ,MD

FRIDAY

LECTURE	SUBJECT	LECTURER
1.	GYNAECOLOGICAL IMAGING	OKAN AKINCI,MD

OTORHINOLARYNGOLOGY
DR.LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Ear - Nose -Throat Clinic II	Ear - Nose -Throat Clinic I
Arif Şanlı,MD	**Şeref Ünver,MD**
Sedat Aydın,MD	**Temel Coşkuner,MD**
Ziya Bozkurt,MD	**Ozan S.Sezen,MD**
Mehmet Eken,MD	**Derya Berk,MD**
Mustafa Paksoy,MD	**Sevtap Akbulut,MD**
Resul Öztürk,MD	**Utku Kubilay,MD**

Lectures

Acute and chronic sinusitis

Anatomy of head and neck

Disease of oropharynx and nasopharynx

Anatomy-Physiology and benign disorders of larynx

Salivary gland disorder

Tracheotomy

Anatomy of temporal bone

Diseases of the external ear

Anatomy and diseases of the facial nerve

Cochleovestibular disorders

Inner ear implants

ENT examination of the patient

Epistaxis

Diagnostic imaging of the ENT diseases

Deep neck infections

Tumors of oral cavity and sinonasal tract

Malignant disease of the larynx

Neck masses and head and neck tumors

Maxillo-Facial trauma

Neuro-Physiology of inner ear

Otitis Media and its complications

Conductive hearing loss

Acoustic neuroma and skull base surgery

OTORHINOLARYNGOLOGY

Weekly Program

08^{40}-12^{30}	**Clinical practise and training at patient bedside**
13^{40}-14^{40}	**Lecture**
14^{40}-15^{30}	**Training at patient bedside**
15^{40}-16^{30}	**Clinical practise**

08^{40}-12^{30}	**Clinical practise and training at patient bedside**
13^{40}-14^{40}	**Lecture**
14^{40}-15^{30}	**Training at patient bedside**
15^{40}-16^{30}	**Clinical practise**

08^{40}-12^{30}	**Clinical practise and training at patient bedside**
13^{40}-14^{40}	**Lecture**
14^{40}-15^{30}	**Training at patient bedside**
15^{40}-16^{30}	**Clinical practise**

08^{40}-12^{30}	**Clinical practise and training at patient bedside**
13^{40}-14^{40}	**Lecture**
14^{40}-15^{30}	**Training at patient bedside**
15^{40}-16^{30}	**Clinical practise**

08^{40}-12^{30}	**Clinical practise and training at patient bedside**
13^{40}-14^{40}	**Lecture**
14^{40}-15^{30}	**Training at patient bedside**
15^{40}-16^{30}	**Clinical practise**

PHASE V

OPHTHALMOLOGY

HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL,

OPHTHALMOLOGY CLINIC I	OPHTHALMOLOGY CLINIC II
Ahmet F.NOHUTÇU,MD,Associate Professor	**Suphi ACAR,MD,Professor**
Hüseyin SANİSOĞLU,MD	**Salih BOZKURT,MD**
Sibel AYMAK,MD	**Banu COŞAR,MD**
Asaf ATBAŞ,MD	**Ömer KADIOĞLU,MD**
Dilek DİMER BABALIK,MD	**Şahin SEVİM,MD**
N.Selçuk ÇEKMECELİ,MD	
Susanne ÖNER,MD	

Lectures

Examination of the eye

Diseases of the lid

The lacrimal apparatus and tear film abnormalities

Diseases of the conjunctiva

Diseases of the cornea

Optics and refraction

Diseases of the lens

Diseases of the uveal tract

Strabismus

Amblyopia

Diseases of the orbit

Neuro-ophthalmology

Ocular injury

İntraocular tumors

Diseases of the retina

Ocular disorders associated with systemic disorders

Glaucoma

PHASE V

OPHTHALMOLOGY
WeeklyProgram

Monday

08^{40}-093^{0}	**Bed side practice**
09^{40}-11^{30}	**Lectures**
11^{40}-15^{30}	**Outpatient Clinical Practice**

Tuesday

08^{40}-093^{0}	**Bed side practice**
09^{40}-11^{30}	**Lectures**
11^{40}-15^{30}	**Outpatient Clinical Practice**

Wednesday

08^{40}-093^{0}	**Bed side practice**
09^{40}-11^{30}	**Lectures**
11^{40}-15^{30}	**Outpatient Clinical Practice**

Thursday

08^{40}-093^{0}	**Bed side practice**
09^{40}-11^{30}	**Lectures**
11^{40}-15^{30}	**Outpatient Clinical Practice**

Friday

08^{40}-093^{0}	**Bed side practice**
09^{40}-11^{30}	**Lectures**
11^{40}-15^{30}	**Outpatient Clinical Practice**

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL NEUROSURGERY (3 WEEKS)

Subarachnoidal haemorrhage	M. Zafer Berkman MD Assoc. Prof.
Pseudotumor cerebri	M. Zafer Berkman MD Assoc. Prof.
Pineal tumors	M. Zafer Berkman MD Assoc. Prof.
Surgery of cerebro-vascular disorders	M. Zafer Berkman MD Assoc. Prof.
Aneurysms	M. Zafer Berkman MD Assoc. Prof.
Cranial AVM's	M. Zafer Berkman MD Assoc. Prof.
Chiari malformations	M. Zafer Berkman MD Assoc. Prof.
Craniovertebral junction abnormalities	M. Zafer Berkman MD Assoc. Prof.
Meningiomas	M. Zafer Berkman MD Assoc. Prof.
Orbital tumors	M. Zafer Berkman MD Assoc. Prof.
Cervical spinal cord injuries	M. Zafer Berkman MD Assoc. Prof.
Pediatric brain tumors	Mehmet Akif Göğüsgeren MD
Surgical anatomy of CNS	Mehmet Akif Göğüsgeren MD
Pontocerebellar angle tumors	Mehmet Akif Göğüsgeren MD
Introduction to brain tumors	Mehmet Akif Göğüsgeren MD
Neuroepithelial tumors	Mehmet Akif Göğüsgeren MD
Spinal AVM’s	Metin Orakdöğen MD
Syringomyelia	Metin Orakdöğen MD
Pituitary adenomas	Metin Orakdöğen MD
Hydrocephalus	Metin Orakdöğen MD
Benign intracranial cysts	Metin Orakdöğen MD
Raised intracranial pressure	Selhan Karadereler MD
Surgical treatment of pain	Selhan Karadereler MD
Stereotaxic neurosurgery	Selhan Karadereler MD
Surgical treatment of epilepsy	Selhan Karadereler MD
Open spinal disraphism	Kaya Kılıç MD

Closed spinal disraphism	Kaya Kılıç MD
Encephaloceles	Kaya Kılıç MD
Craniosynostosis	Kaya Kılıç MD
Peripheral nerve injuries	Mehmet Erşahin MD
Diagnostic procedures in neurosurgery 1	Mehmet Erşahin MD
Diagnostic procedures in neurosurgery 2	Mehmet Erşahin MD
Pediatric spinal cord tumors	Mehmet Erşahin MD
Adult spinal cord tumors	Mehmet Erşahin MD
Pediatric injuries	Tayfun Hakan MD
Emergencies in neurosurgery	Tayfun Hakan MD
Head injuries 1	Tayfun Hakan MD
Head injuries 2	Tayfun Hakan MD
CNS infections	Tayfun Hakan MD
Cervical disc herniations	Hakan Somay MD
Lumbar disc herniations	Hakan Somay MD
Thoracic and lumbar spinal cord injuries	Hakan Somay MD
Spinal cord compression syndrome	Hakan Somay MD

NEUROSURGERY DAILY PROGRAM

08^{00}-10^{00}	**Grand round and case meeting**
10^{00}-11^{00}	**Lecture 1**
11^{00}-12^{00}	**Clinical practise and training at patient bedside**
13^{00}-14^{00}	**Lecture 2**
14^{00}-15^{00}	**Lecture 3**
15^{00}-16^{00}	**Clinical practise and training at patient bedside**
16^{00}-08^{00}	**Night shift, clinical practise at Emergency Department**

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL
ORTHOPAEDICS AND TRAUMATOLOGY (3 WEEKS)

TIME/ FIRST WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.00-08.50	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Operation Room Education Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor
09.00-09.50	Introduction to orthopedics and basic principles Mücahit Görgeç,MD Associate Professor	Bedside Practice Adnan Kafadar,MD	Bedside Practice Hasan Bombacı,MD	Operation Room Education Hasan Bombacı,MD	Bedside Practice Hakan Taygun,MD
10.00-10.50	Etiopathology and treatment-related aspects of the fractures Adnan Kafadar,MD	Bedside Practice Hakan Taygun,MD	Fractures of Children 1 Adnan Kafadar,MD	Operation Room Education Adnan Kafadar,MD	Scolyosis & Kyphosis-Diagnosis & Treatment-1 Hakan Taygun,MD
11.00-11.50	Physical Examination Findings of the Fractures Adnan Kafadar,MD	Bedside Practice Atilla Polat,MD	Fractures of Children 2 Adnan Kafadar,MD	Operation Room Education Hakan Taygun,MD	Scolyosis & Kyphosis-Diagnosis& Treatment-2 Hakan Taygun,MD
13.00-13.50	Signs and Symptoms of Fractures/ Dislocations Mücahit Görgeç,MD Associate Professor	Treatment of Fractures and Dislocations Adnan Kafadar,MD	Open fractures, Wound treatment Atilla Polat,MD	Operation Room Education Atilla Polat,MD	Pelvis and acetabulum fractures Atilla Polat,MD
14.00-14.50	Treatment in Orthopedics Hasan Bombacı,MD	Emergency Clinic Practice Adnan Kafadar,MD	Pathologic fractures and Treatment of Pathologic Fractures Hakan Taygun,MD	Emergency Clinic Practice Kerem Canbora,MD	Emergency Clinic Practice Kerem Canbora,MD
15.00-15.50	Grandround, Bedside Practice Atilla Polat,MD	Grandround, Bedside Practice Hakan Taygun,MD	Grandround, Bedside Practice Hakan Taygun,MD	Emergency Clinic Practice Kerem Canbora,MD	Grandround,Bedside Practice Adnan Kafadar,MD

PHASE V

TIME /SECOND WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.00-08.50	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Hasan Bombacı,MD	Grandround, Bedside Practice Adnan Kafadar,MD	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor
09.00-09.50	Bedside Practice Adnan Kafadar,MD	Operation Room Education Atilla Polat,MD	Nerve and tendon lacerations Hakan Taygun,MD	Bedside Practice Hasan Bombacı,MD	Infections of the Spinal Column Hakan Taygun,MD
10.00-10.50	Perthes Disease and Avascular Bone Necrosis Mücahit Görgeç, MD Associate Professor	Operation Room Education Kerem Canbora,MD	Developmental Disorders of Skeleton-1 Hasan Bombacı,MD	Emergency Clinic Practice Hakan Taygun,MD	Osteoarthritis Adnan Kafadar,MD
11.00-11.50	Complication of Fractures Atilla Polat,MD	Operation Room Education Hakan Taygun,MD	Developmental Disorders of Skeleton-2 Hasan Bombacı,MD	Emergency Clinic Practice Atilla Polat,MD	Fractures of the Hip,Traumatic Hip Dislocation Atilla Polat,MD
13.00-13.50	Nontraumatic Diseases of the Hip Hakan Taygun,MD	Operation Room Education Adnan Kafadar,MD	Shoulder and Elbow Problems-1 Kerem Canbora,MD	Emergency Clinic Practice Atilla Polat,MD	Rheumatic diseases of the joint Hasan Bombacı,MD
14.00-14.50	Systemic Bone Diseases Kerem Canbora,MD	Emergency Clinic Practice Kerem Canbora,MD	Shoulder and Elbow Problems-2 Kerem Canbora,MD	Emergency Clinic Practice Adnan Kafadar,MD	Cerebral Palsy Kerem Canbora,MD
15.00-15.50	Grandround, Bedside Practice Hasan Bombacı,MD	Grandround, Bedside Practice Hasan Bombacı,MD	Grandround, Bedside Practice Hasan Bombacı,MD	Grandround, Bedside Practice Atilla Polat,MD	Grandround,Bedside Practice Adnan Kafadar,MD

PHASE V

TIME /THIRD WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.00-08.50	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Adnan Kafadar,MD	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Mücahit Görgeç,MD Associate Professor	Grandround, Bedside Practice Adnan Kafadar,MD
09.00-09.50	Bone and Soft Tissue Tumors Adnan Kafadar,MD	Poliomyelitis Mücahit Görgeç, MD Associate Professor	Diagnosis and Treatment of Coxarthrosis Mücahit Görgeç, MD Associate Professor	Fractures of Upper Extremity Atilla Polat,MD	Arthroplasties Hasan Bombacı,MD
10.00-10.50	Benign Bone Tumors Adnan Kafadar,MD	Sports Travmatology Hasan Bombacı,MD	Diagnosis and Treatment of Gonarthrosis Adnan Kafadar,MD	Fractures of Lower Extremity Hasan Bombacı,MD	Clinical and Diagnostic Approach in Travmatology Hasan Bombacı,MD
11.00-11.50	Malign Bone Tumors Adnan Kafadar,MD	Hand and Wrist Diseases Kerem Canbora,MD	Soft Tissue Traumas of the Knee Hasan Bombacı,MD	Dislocations and Soft Tissue Injuries Adnan Kafadar,MD	Emergency Clinic Practice Kerem Canbora,MD
13.00-13.50	Disorders of the Foot Mücahit Görgeç,MD, Associate Professor	Elbow, Fractures and Dislocations and Humerus Fractures Atilla Polat,MD	Developmental Dislocation of the Hip Mücahit Görgeç, MD Associate Professor	Orthopedic Radiology Adnan Kafadar,MD	Emergency Clinic Practice Hakan Taygun,MD
14.00-14.50	Fractures-Dislocations of the Foot and Ankle. Mücahit Görgeç,MD, Associate Professor	Talipes Equinovarus Mücahit Görgeç, MD Associate Professor	Bone infections, Osteomyelitis Atilla Polat,MD	Implants in Orthopedics Kerem Canbora,MD	Emergency Clinic Practice Hakan Taygun,MD
15.00-15.50	Grandround, Bedside Practice Hasan Bombacı,MD	Grandround, Bedside Practice Kerem Canbora,MD	Septic Arthritis Joint Infections Adnan Kafadar,MD	Arthrodesis and Osteotomies Hasan Bombacı,MD	Final Exam Hakan Taygun,MD

PHASE V

PEDIATRIC SURGERY
ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING RESEARCH HOSPITAL

LECTURES

(3 Weeks)

History of pediatric surgery	*Ayşenur Celayir, MD.Assoc. Prof.*
Surgical Respiratory Desorders of newborn	Ayşenur Celayir, MD.Assoc. Prof.
Congenital Diaphragmatic Hernia	Ayşenur Celayir, MD.Assoc. Prof.
Mediastinal and pleural deseases	Ayşenur Celayir, MD.Assoc. Prof.
Esophageal atresia	Ayşenur Celayir, MD.Assoc. Prof.
Intestinal atresias	Ayşenur Celayir, MD.Assoc. Prof.
Anorectal malformations	Ayşenur Celayir, MD.Assoc. Prof.
Hirschsprung Desease	Osman Pektaş,MD
Noronal Intestinal Desease, Constipations	Osman Pektaş,MD
Abdominal Tumors (Nöroblastoma,Wilm's)	Osman Pektaş,MD
Sacrococcigeal teratomas	Osman Pektaş,MD
Obstructive üropathy	Şeref Etker,MD
Vesicoureteral Reflux	Şeref Etker,MD
Prenatal hydronephrosis	Şeref Etker,MD
Üriner Tract Infectio	Şeref Etker,MD
Akut abdomen	Semih Mirapoğlu,MD
Abdominal Travma	Semih Mirapoğlu,MD
GIS Bleedings (fissür,polip,Meckel's,invagination,PTH,NEC)	Semih Mirapoğlu,MD
Biliary Atresia and cysts	Semih Mirapoğlu,MD
Cervical pathologies and torticollis	Kemal Sarıca,MD
Inguinal Hernia	Kemal Sarıca,MD
Undescended testis	Kemal Sarıca,MD
Hipospadias-epispadias	Kemal Sarıca,MD
Abdominal wall defects	Koray Pelin,MD
Infantil hypertrofic pyloric stenosis	Koray Pelin,MD
Gastrointestinal obstructions	Koray Pelin,MD
Malrotation and volvulus, Meconyum Ileus	Koray Pelin,MD
Recussitation of the newborn	Candemir Güneş,MD

PHASE V

Daily Program

08.40-09.30	**Grandround**
09.40-10.30	**Lectures**
11.40-12.30	**Practice**
13.40-14.30	**Lectures**
14.40-17.30	**Practice**

PHASE V

PSYCHIATRY
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL
(3 WEEKS)

FIRST WEEK **MONDAY**	Introduction to Psychiatry Psychiatric Examination (History,Mental Status,and Clinical Signs and Symptoms)	***Mecit ÇALIŞKAN,MD*** Melek SAYGIN,MD
TUESDAY	Substance Related Disorders Anxiety Disorders-1	Gonca ERKIRAN,MD Figen ATALAY,MD
WEDNESDAY	Schizophrenia and Other Psychotic Disorders Dissociative Disorders	Mustafa BİLİCİ,MD Hakan ATALAY,MD
THURSDAY	Disorders Associated With Alcohol Anxiety Disorders-2	Gonca ERKIRAN,MD Figen ATALAY,MD
FRIDAY	Organic Mental Disorders	Mustafa BİLİCİ,MD

PHASE V

SECOND WEEK **MONDAY**	Diagnosis and Classification in Psychiatry	Mehmet ÜÇIŞIK,MD
TUESDAY	Somatoform Disorders, FactitiousDisorders and Malingering	Hakan ATALAY,MD
WEDNESDAY	Psychopharmacology	Melek SAYGIN,MD
THURSDAY	Mood Disorders Eating Disorders and Sleep Disorders	Mehmet ÜÇIŞIK,MD Mustafa BİLİCİ,MD
FRIDAY	Psychotherapies	Hakan ATALAY,MD

PHASE V

THIRD WEEK **MONDAY**	Psychiatric Emergencies Sexual Dysfunctions,Paraphilias	Gonca ERKIRAN,MD Figen ATALAY,MD
TUESDAY	Personality Disorders	Figen ATALAY,MD
WEDNESDAY	Somatic Therapies	Melek SAYGIN,MD
THURSDAY	Impulse-Control and Adjustment Disorders	Mehmet ÜÇIŞIK,MD
FRIDAY	Legal Issues	Mecit ÇALIŞKAN,MD

UROLOGY

DR.LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL

Selami ALBAYRAK,MD,Assoc Prof.

Uğur KUYUMCUOĞLU,MD.,Assoc.Prof.

(3 weeks)

Signs and Symptoms
History; Physical examination; Laboratory findings
Urinary Obstruction
Adrenal gland diseases
Disease of the urethra
Penile diseases
Urinary Tract Stone Disease
Nonspesific Infections of the Genitourinary Tract.
Genitourinary trauma
Kidney masses (or tumors)
Prostate cancer
Testis tumors
Male sexual dysfunction
Prostate Diseases
Disease of prostate
Radiology in Urology
Diseases of the bladder
Diseases of the Ureter and Diseases of the Abdominal Wall and Retroperitoneum
Diseases of the scrotum and its contents
Sexually Transmitted. Genitourinary Diseases
Urologic Incontinance and Basic Urodynamics
Endoscopy,Surgical Instruments,the use of probe
Vesicouretheral reflux (VUR)
Specific Urologic Infections
Infertility and Urology
Female sexual dysfunction
Urothelial Tumors
Chronic renal failure and Renal transplantation
Pediatric UTI and VUR
Neurogenic bladder
Diseases of kidney

PHASE V

HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

NEUROLOGY(3 Weeks)

1 st week

TİME	(Monday)	(Tuesday)	(Wednesday)	(Thursday)	(Frıday)
08:30	Morning Seminar	Morning Seminar	Morning Seminar	Morning Seminar	Morning Seminar
09:00	Examination of motor and sensory systems	Eye movements	Balance and Gait	Approach to patient With Headache	Movement disorders-diagnosis and treatment
09:30	Lecture :Approach to neurologic patient I	Lecture :Cranial nerves	Outpatient clinic	Approach to patient With	Grandround With
10:00	by Hülya Tireli,M.D.,Assoc.Prof.	by Handan Mısırlı, MD	"General Neurology"	Mental disease Lecture,practice	With H.Tireli M.D.Assoc prof
10:30	Lecture :Approach to neurologic patient II				Nuri Y.Erenoğlu M.D.
11:00	by Hülya Tireli,M.D.,Assoc.Prof.	Neurologic Examination lecture and practice		Case presentation	
11:30	Lecrure :Pyramidal, Extrapyramidal,and Cerebellar				
12:00	Systems by Hülya Tireli,M.D.,Assoc.Prof.	Lunch time	Lunch time	Lunch time	Lunch time
12:30					
13:00		Lecture :Acut confusional state	Lecture : Coma	Lecture : Cerebrovascular disease	Lecture :Cerebral lobes and Spinal cord
13:30		by Handan Mısırlı MD	by Hülya Tireli,M.D.Assoc.Prof.	by Nuri Y.Erenoğlu M.D.	by Hülya Tireli,M.D.Assoc.Prof
14:00	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic	Outpatient clinic
14:30	"epilepsy"	Headache	" Headache "	"M.sclerosis"	"Stroke"
15:00		Practice	Practice		
15:30				Practice	Practice
16:00					
16:30		Watch	Watch	Watch	Watch
16:00					
16:30		Watch	Watch	Watch	Watch

PHASE V

2nd week

TİME	(Monday)	(Tuesday)	(Wednesday)	(Thursday)	(Friday)
08:30	Morning Seminar	Morning Seminar	Morning Seminar	Morning Seminar	Morning Seminar
09:00	Emergencies in Neurology	Dementia and Behavioral Disorders	Speech Disorders	Status epilepticus	Funduscopic examination
09:30	Grandround	Lecture : Extrapyramidal system disorders	Grandround	Approach to patient With paraplegia lecture,practice	Outpatient clinic
10:00	With H.Tireli M.D. Assoc Prof - N.Y.Erenoğlu M.D.	Parkinson's disease by N.Y.Erenoğlu,M.D.	With H.Tireli M.D. Assoc Prof - N.Y.Erenoğlu M.D.		"General Neurology"
10:30					
11:00		Case presentation		Case presentation	
11:30					
12:00		Lunch time	Lunch time	Lunch time	Lunch time
12:30					
13:00	Lecture : Multiple sclerosis	Lecture :Epilepsy	Lecture :Headache	Lecture :CNS Infections	Lecture :SMA and MND by Hülya Tireli,M.D.,Assoc.Prof.
13:30	by N.Y. Erenoğlu	Handan Mısırlı, MD	by H.Tireli M.D.Assoc.Prof.	by Handan Mısırlı MD	by Hülya Tireli,M.D.,Assoc.Prof.
14:00		Outpatient clinic		Outpatient clinic	Lecture :Myastenia gravis by Hülya Tireli,M.D.,Assoc.Prof.
14:30	Practice	Epilepsy		"Parkinson's disease"	by Hülya Tireli,M.D.,Assoc.Prof.
15:00			Practice		Outpatient clinic "Parkinson's disease"
15:30				Practice	
16:00		Practice			Practice
16:30		Watch	Watch	Watch	Watch

PHASE V

3rd week

TIME	(Monday)	(Tuesday)	(Wednesday)
08:30	Morning Seminar	Morning Seminar	Morning Seminar
09:00	Approach to patient With paraplegia	Neuroradiology	Lumbal punction
09:30	Grandround With	Approach to Patient With Neuromuscular Disorders	Grandround
10:00	H.Tireli M.D. Assoc Prof - N.Y.Erenoğlu M.D.	Lecture and Practice	H.Tireli M.D.Assoc Prof - N.Y.Erenoğlu MD.
10:30			
11:00		Case presentation	
11:30			
12:00		Lunch time	Lunch time
12:30			
13:00	Lecture :Myopaties by Hülya Tireli,M.D.Assoc.Prof.	Lecture :Dementias	Lecture : Polyneuropathies
13:30	by Hülya Tireli,M.D.Assoc.Prof.	by N.Y.Erenoğlu M.D.	by H.Tireli ,M.D. Assoc. Prof.
14:00		Outpatient clinic	Outpatient clinic
14:30		"Epilepsy"	" Dementia " With
15:00		Practice	Practice
15:30			
16:00			
16:30		Watch	Watch

Thursday **FREE TIME FOR STUDY**

Frıday **EXAMINATION**

PHASE V

PUBLIC HEALTH

MARMARA UNIVERSITY FACULTY OF MEDICINE

Melda Karavuş,MD,Professor

EVIDENCE BASED MEDICINE(1 WEEK)

What Evidence Means In The Clinic and In The Field

History of Evidence Based Medicine

Philosophy of Evidence Based Medicine

Basic Principles of Evidence Based Medicine(Hierarchy of Evidence in Medicine and effects on Decision Making in Medicine)

Reaching Evidence in Medical Literature and Evaluating Validity of Evidence

Explaining Different Types of Medical Studies In The Light of Their Confidence Levels

Cause and Effect Relationships,Associations

Critisizing Harm Studies

Evaluating Evidence As For As The Prognosis of The Patient is Concerned.

Types of Bias In The Evaluation of Various Studies

Evaluating Evidence In Diagnostic Tests

Place: Yeditepe University Faculty of Medicine

PHASE V

CLINICAL ETHICS

MARMARA UNIVERSITY FACULTY OF MEDICINE

Şefik Görkey, MD, Professor

(1 week)

Medical deontology and medical ethics

Aim of medical ethics education

Principles in medical ethics (Authonomy, Beneficience, Non maleficience, Justice)

Ethical issues in human experimentation

Ethics committees (research ethics committees, hospital ethics committees)

Declarations related to human experimentation

Organ transplantation and ethics

Euthanasia

Artificial procreation and ethics

Experiments on embryos

Medical Law

Turkish medical ethics regulation (1960)

European Council's Bioethics (Oviedo) Convention (1997)

Case discussions*

(Every Intern Physician makes case presentation which includes ethical dilemmas)

Place: Yeditepe University Faculty of Medicine

PHASE VI

PHASE VI

INTERNSHIP PROGRAMMES

- CHILD HEALTH AND PEDIATRICS

  (8 weeks)
- GENERAL SURGERY / EMERGENCY MEDICINE

  (8 weeks)
- ELECTIVE

  (4 weeks)
- INTERNAL MEDICINE

  (8 weeks)
- OBSTETRICS AND GYNECOLOGY

  (8 weeks)
- PSYCHIATRY

  (4 weeks)
- PUBLIC HEALTH

  (8 weeks)

PHASE VI

ROTATIONS / DATES	Internal medicine	General Surgery/ Emergency medicine	Obstetrics/ Gynecology	Pediatrics	Public Health	Psychiatry / Elective
01.08.2005 / 31,08,2005 01.09.2005 / 23.09.2005	1	2	3	4	5	6
26.09.2005 / 21.10.2005 24.10.2005 / 18.11.2005	2	3	4	5	6	1
21.11.2005 / 16.12.2005 19.12.2005 / 13.01.2006	3	4	5	6	1	2
16.01.2006 / 10.02.2006 13.02.2006 / 10.03.2006	4	5	6	1	2	3
13.03.2006 / 07.04.2006 10.04.2006 / 05.05.2006	5	6	1	2	3	4
08.05.2006 / 02.06.2006 05.06.2006 / 30.06.2006	6	1	2	3	4	5

OFFICIAL HOLIDAYS

- **30 August 2005** — **Victory Day**
- **29 October 2005** — **Republic Day**
- **2-3-4-5 November 2005** — **Ramadan Feast**
- **01 January 2006** — **New Years Day**
- **10-13 January 2006** — **Feast of Sacrifice**
- **14 March 2006** — **Medicine Day**
- **23 April 2006** — **National Sovereignty and Children's Day**
- **19 May 2006** — **Day of Commemoration of Atatürk, Youth and Sport's Day**

PHASE VI

2005-2006 STUDENT GROUPS

GROUP 1
ALTUĞAN CAHİT VURAL
KORAY NAZLI
BERKAY NAZLI
HASAN NEVZAT DENEREL
SERHAT TUNÇ
ASLAN AYKUT
SERKAN ALPASLAN

GROUP 2
ZEHRA APAK
AYŞEGÜL TAŞKOPARAN
SAMAR RENK
PELİN SÜMER
GANİME MISIRLIOĞLU
SEVİL KUŞKU

GROUP 3
SUNA KABİL
ZEYNEP VURAL
GÖKÇE HAYTA
SATİYE YILMAZ
BETÜL ÖZTÜRK

GROUP 4
CAHİT CENKSOY
HÜSNÜ OKÇU
HASAN AKÇAM
LEVENT YILMAZ
KUTAY YAVUZ

GROUP 5
ŞAVLE GİRAY
SERKAN MÜDÜROĞLU
SEVİL FUNDA POLAT
RABİA TUĞBA KESEROĞLU
SELDA KANTARCI
ERDİNÇ ÖZBEK
SELİN ŞEKER

GRUP 6
ESRA GÜMÜŞ
MEHMET GÜNGÖR
İNANÇ CİCİ
FATIMA NUR ÇÖLOĞLU
SELMAN EKİN
TOLGA KASACI
TÜMAY SADIKOĞLU

PHASE VI

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

ACADEMIC YEAR 2005-2006

TRAİNİNG PROGRAM FOR INTERNS

CONTENTS

PHASE VI

INTERNAL MEDICINE TRAİNİNG PROGRAM FOR INTERNS

The interns are trained for eight week intervals under the responsibility of a specialist. All will work actively under the supervision of clinical department chiefs and specialists, 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 all 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 each training, students will be evaluated and graded according to their inpatient, outpatient, laboratory, and patient-care skills along with their theoretical knowledge. For each evaluation the grading will be done as “passed” or “failed” with an overall evaluation score of 100.

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OBSTETRICS AND GYNECOLOGY TRAINING PROGRAM FOR INTERNS

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, time is continious and 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 violate the routine disciplinary order would 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 each training, students will be evaluated and graded according to their antenatal, prenatal, delivery numbers, laboratory, and patient-care skills along with their theoretical knowledge. For each evaluation the grading will be done as "passed" or "failed" with an overall evaluation score of 100.

PHASE VI

PEDIATRICS TRAİNİNG PROGRAM FOR INTERNS

The department defines the internship as an eight-week 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 for all interns are from 08.30 to 16.30. Training of the interns 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 recorded with required projects and will be performed as "passed" or "failed" with an overall evaluation score of 100.

PHASE VI

PUBLİC HEALTH TRAİNİNG PROGRAM FOR INTERNS

PROF.DR.MELDA KARAVUŞ

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

PHASE VI

- 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 entilement 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 stigmation in the community
-early diagnosis and screening in the community
-monitoring health in the elderly in the communiry
-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

PHASE VI

PSYCHIATRY TRAİNİNG PROGRAM FOR INTERNS

The psychiatry clerkship is a four week 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 6 th year training program begin 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 over night 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 three days without absence request form during the four 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 the medical inpatients under the supervision of attending psychiatrists on the Pschiatry floor .
(head of the department,vice-chairman,specialists,junior or senior assistant students.)

OUTPATIENT CLINIC

Intern medical students will attend out patient clinics supervised by the psychiatrist in charge (specialists and senior assistant doctors) and are required for having 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.

PHASE VI

GENERAL SURGERY / EMERGENCY MEDICINE TRAİNİNG PROGRAM FOR INTERNS

The students who have been sent for eight weeks 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 students 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.

ELECTIVE TRAİNİNG PROGRAM FOR INTERNS

The elective clerkship is a four week rotation for the 6th year medical students which has been choosen 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.

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE

"COMBINED REVIEW COURSES
OF
CLINICAL SCIENCES"

PHASE IV

CONTENTS:

GENERAL INFORMATION

The Combined Review Courses of Clinical Science Project is a special project that is arranged for Yeditepe University Faculty of Medicine students' of Phase IV. This project is also the first and the unique project in Turkey.

As every faculty, Yeditepe University management desires to carry their success chart to upper levels in TUS.

The medicine education is a 6-year period which is really a high cost and intensive education so the educationalist want to see the response of their effort also in the specialization exam and we believe that the first step of this long way begins in the 4th year of the education.

The management and educationalist staff of Yeditepe University who use all their physical possibilities in order to train successful doctors for the health sector have arranged this courses with the cooperation of TUMER Counseling, for the achievement of their students in the exam after they graduate.

The Combined Review Courses of Clinical Science will be undertaken by TUMER. TUMER is a counseling company which trains and mentors the doctors till 1997 so they will transfer all their experiences for the students in their 4th year of Yeditepe for their accomplishment.

In the one-year period courses, information and evaluation seminars, repetition lessons, pop-quizes, essays, last review courses will be practiced entirely together with the guidance services. It will be a beginning preperation before the 5th and the 6th years. The project will be maintain in the 5th and in the 6th years as well.

Evaluation results and education reports will be shared with the management and positive and negative goings-on will be observed for continuity of the advice trade.

AIMS

The goal is to repeat the whole knowledge especially clinical sciences including Internal Medicine, General Surgery, Child Health and Pediatrics, Obstetrics and Gynecology; but also includes Pharmacology and Pathology that is expounded in 4 years period, to increase the skill of approach to exam questions and to supply the motivation in the preperation time and preperation of the last 2 years.

The courses will be in a combination system for students to combine and diagnose their whole knowledge in a logical frame

It will be possible for the students to identify and recognize this examination, to learn to study effectively and to increase the ability of using their knowledge with the help of these courses called "The Combined Review Courses of Clinical Science".

TARGETS

The success in the TUS of Yeditepe University is nearly 5% until 2005. The target is, of course, to carry this average to upper levels.

This support of counseling was only for the interns before this year but the study of extending the courses for the 4hth and the 5th year students has completed.

Now this special course programme including committee is also ready for the 4th and 5th year students as well.

EDUCATION SCHEDULE AND ITS FORM

The programme will be spread to the education term. It is regulated for the Phase IV who have just completed their 3th year education. The lectures will take a start after September 2005.

In September there will be 2 different seminars called “TUS Information” and “The Techniques and Methodology of Studying TUS”. After the seminars, the publication set will be hand out to students and the students will have their “Diagnosis Tests” for educators to prepare the students’ study programmes.

On the 12th of September 2005, interns will take the original September TUS exam to show them the real knowledge levels according to computer supported results.

After April 2006 TUS, there will be an evaluation seminar and in the end, before September 2006 the last seminar will be applied called “Examination Tactics”.

The programme includes nearly 200 hours time lectures, examinations and guidance and counseling services.

In the education period, there will be 4 examinations including 1 Surveillance exam, 1 General Evaluation exam and 2 original TUS exams (2005 September & 2006 April). All analysis of the exam results will be evaluated by computer.

There will be attendance obligation for students and follow up charts will be prepared and presented to management.

The lessons are organised approximately 8 hours in a week. The courses will be on Saturdays and in a year time there will be lectures nearly on 21 Saturdays. Curriculum papers will be for 15 days periods.

The last repeating lectures are also planned for the last 1 or 2 months before TUS for both 5th and the 6th year students as well.

- **CURRICULUM DRAFT**

THE COMBINED REVIEW COURSES OF CLINICAL SCIENCE (x 4 Hours)

DICIPLINE	42 LECTURE (x 4 hours)
INTERNAL MEDICINE	9
CHILD HEALTH AND PEDIATRICS	9
GENERAL SURGERY	6
OBSTETRICS AND GYNECOLOGY	6
PATHOLOGY	6
PHARMACOLOGY	6

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (1 Surveillance + 1 General Evaluation + 2 Original TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
FEBRUARY	18:00	SURVEILLANCE EXAM
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	GENERAL EVALUATION EXAM

- **OTHER DETAILS**

There will not be any clinical practice and training at patient bedside in the curriculum of "The Combined Review Courses".

The certain dates of all exams will be announced after the programme starts.

According to the legal changes in the TUS exam rules, the contents and forms of education will have the arrangements regulated by TUMER.

In the project, all mentors will be from the staff of TUMER.

Lectures Time Planning:

- In the working days: between 17:30 and 21:30
- In the weekends: between 09:00 and 17:00
- There will not be any lectures in the essay days

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE

"COMBINED REVIEW COURSES
OF
BASIC AND CLINICAL SCIENCE"

PHASE V

CONTENTS:

GENERAL INFORMATION

The Combined Review Courses of Basic and Clinical Science Project is another special project that is arranged for Yeditepe University Faculty of Medicine students' of Phase V. This project is also the first and the unique project in Turkey as the ones which applies in the 4th and the 6th year education.

As every faculty, Yeditepe University management desires to carry their success chart to upper levels in TUS.

The medicine education is a 6-year period which is really a high cost and intensive education so the educationalist want to see the response of their effort also in the specialization exam and we believe that the second step of this long way is the 5th year of the education. This period begins with the first step in the 4th year.

The management and educationalist staff of Yeditepe University who use all their physical possibilities in order to train successful doctors for the health sector have arranged this courses with the cooperation of TUMER Counseling, for the achievement of their students in the exam after they graduate.

The Combined Review Courses of Basic and Clinical Science will also be undertaken by TUMER like the other TUS Preperation Projects of the 4th and the 6th years. TUMER is a counseling company which trains and mentors the doctors till 1997 so they will transfer all their experiences for the students in their 5th year of Yeditepe for their accomplishment.

In the one-year period courses, information and evaluation seminars, repetition lessons, pop-quizes, essays, last review courses will be practiced entirely together with the guidance services. It will be a second step preperation before the 6th year. The project will be maintain in the 6th year as well.

Evaluation results and education reports will be shared with the management and positive and negative goings-on will be observed for continuity of the advice trade.

AIMS

The goal is to repeat the whole knowledge in clinical sciences including Internal Medicine, General Surgery, Child Health and Pediatrics, Obstetrics and Gynecology; and also Basic sciences including Pharmacology, Pathology, Biochemistry, Microbiology,Anatomy and Neurology that is expounded in 5 years period, to increase the skill of approach to exam questions and to supply the motivation in the preperation time and preperation of the last year.

The courses will be in a combination system for students to combine and diagnose their whole knowledge in a logical frame.

It will be possible for the students to identify and recognize this examination, to learn to study effectively and to increase the ability of using their knowledge with the help of these courses called "The Combined Review Courses of Basic and Clinical Science".

The lectures will be the continuation and the supplementary of the 4th year courses and the preperation of the last year including TUS exam.

TARGETS

The success in the TUS of Yeditepe University is nearly 5% until 2005. The target is, of course, to carry this average to upper levels.

This support of counseling was only for the interns before this year but the study of extending the courses for the 4hth and the 5th year students has completed.

Now this special course programme including committee is also ready for the 4th and 5th year students as well.

EDUCATION SCHEDULE AND ITS FORM

The programme will be spread to the education term. It is regulated for the Phase V who have just completed their 4th year education. The lectures will take a start after September 2005.

In September there will be 2 different seminars called “TUS Information” and “The Techniques and Methodology of Studying TUS”. After the seminars, the publication set will be hand out to students and the students will have their “Diagnosis Tests” for educators to prepare the students’ study programmes.

On the 12th of September 2005, interns will take the original September TUS exam to show them the real knowledge levels according to computer supported results.

After April 2006 TUS, there will be an evaluation seminar and in the end, before September 2006 the last seminar will be applied called “Examination Tactics”.

The programme includes nearly 200 hours time lectures, examinations and guidance and counseling services.

In the education period, there will be 4 examinations including 1 Surveillance exam, 1 General Evaluation exam and 2 original TUS exams (2005 September & 2006 April). All analysis of the exam results will be evaluated by computer.

There will be attendance obligation for students and follow up charts will be prepared and presented to management.

The lessons are organised approximately 8 hours in a week. The courses will be on Saturdays and in a year time there will be lectures nearly on 21 Saturdays. Curriculum papers will be for 15 days periods.

The last repeating lectures are also planned for the last 1 or 2 months before TUS for both 4th and the 6th year students as well.

- **CURRICULUM DRAFT**

THE COMBINED REVIEW COURSES OF BASIC and CLINICAL SCIENCE (x 4 Hours)

DICIPLINE	42 LECTURE (x 4 hours)
INTERNAL MEDICINE	6
CHILD HEALTH AND PEDIATRICS	7
GENERAL SURGERY	4
OBSTETRICS AND GYNECOLOGY	4
PATHOLOGY	4
PHARMACOLOGY	4
BIOCHEMISTRY	4
MICROBIOLOGY	4
ANATOMY	4
NEUROLOGY	1

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (1 Surveillance + 1 General Evaluation + 2 Original TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
FEBRUARY	18:00	SURVEILLANCE EXAM
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	GENERAL EVALUATION EXAM

• OTHER DETAILS

There will not be any clinical practice and training at patient bedside in the curriculum of "The Combined Review Courses".

The certain dates of all exams will be announced after the programme starts.

According to the legal changes in the TUS exam rules, the contents and forms of education will have the arrangements regulated by TUMER.

In the project, all mentors will be from the staff of TUMER.

Lectures Time Planning:

- In the working days: between 17:30 and 21:30
- In the weekends: between 09:00 and 17:00
- There will not be any lectures in the essay days

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE

“GENERAL REVIEW COURSES
OF
MEDICINE EDUCATION”

CONTENTS:

ABOUT “TUS” (Medical Specialization Examination)

The Examination of TUS has first brought into force in 1987. From 1987 till now, the number of candidate who had taken the TUS examination is 340.228.

The total staff quota which has opened out to these examinations is 56.488.

While the number of candidates who applied for every examinations between 1994 to 1997 was nearly 20.000, in the latest times, this number is nearly decreased to 14.000.

We can connect the cause of the decrease in the number of application to the difficulty in the degree of knowledge content of examination.

The old graduates also have a tendency of working for private sector, for family medicine and the business medicine but the new graduates who have the material and moral anxiety for their future think that they have no any other remedy except passing the TUS Examination and being a specialist doctor after the assitant education.

The 14.000 general practitioner candidates go into a very hard race.

The general achievement rate of TUS is 16%. The 30% of the practitioner who succeeded in the exam do not apply their department or they resign after they began their education and they take another exam again. Only the 15% are happy with their department now.

According to the data of year 2004, there are 32.000 specialist doctor and 61.500 general practitioner in our country, so totally there are nearly 100.000 doctors in Turkey now.

TUS became a kind of exam that the doctors are being eliminated but not selected and in every exam about 2.500 staff are being selected.

Nowadays, even the students in their 3rd, 4th and 5th year education in the faculty feel the need of guidance for TUS examination. They want to be ready of the handicaps of TUS before they graduate.

GENERAL INFORMATION

The General Review Courses Project is a special project that is arranged for Yeditepe University Faculty of Medicine.

As every faculty, Yeditepe University management desires to carry their success chart to upper levels in TUS.

The medicine education is a 6-year period which is really a high cost and intensive education so the educationalist want to see the response of their effort also in the specialization exam.

The management and educationalist staff of Yeditepe University who use all their physical possibilities in order to train successful doctors for the health sector have arranged this courses with the cooperation of TUMER Counseling, for the achievement of their students in the exam after they graduate.

The General Review Courses will be undertaken by TUMER. TUMER is a counseling company which trains and mentors the doctors till 1997 so they will transfer all their experiences for the students of Yeditepe for their accomplishment.

In the one-year period courses, information and evaluation seminars, repetition lessons, pop-quizes, essays, last review courses will be practiced entirely together with the guidance services.

Evaluation results and education reports will be shared with the management and positive and negative goings-on will be observed for continuity of the advice trade.

• AIMS

The goal is to repeat the whole knowledge that is expounded in 6 years period, to increase the skill of approach to exam questions and to supply the motivation in the preperation time.

It will be possible for the students to identify and recognize this examination, to learn to study effectively and to increase the ability of using their knowledge with the help of these courses called “The General Review Courses”**.**

• TARGETS

The success in the TUS of Yeditepe University is nearly 5% until 2005. The target is, of course, to carry this average to upper levels.

This support of counseling is now only for the interns but the study of extending the courses for the 4hth and the 5th year students is still carrying on now.

Another special course programme including committee is also about to be ready for the 4th and 5th year students as well.

• EDUCATION SCHEDULE AND ITS FORM

The programme will be spread to the education term. It is regulated for the interns who have just completed their 5th year education. The lectures will take a start after September 2005.

In September there will be 2 different seminars called “TUS Information” and “The Techniques and Methodology of Studying TUS”. After the seminars, the publication set will be hand out to students and the students will have their “Diagnosis Tests” for educators to prepare the students’ study programmes.

On the 12th of September 2005, interns will take the original September TUS exam to show them the real knowledge levels according to computer supported results.

After April 2006 TUS, there will be an evaluation seminar and in the end, before September 2006 the last seminar will be applied called “Examination Tactics”.

The programme includes nearly 700 hours time lectures, examinations and guidance and counseling services.

In the education period, there will be 11 TUS Examinations including 2 original TUS exams (2005 September & 2006 April). All analysis of the exam results will be evaluated by computer.

There will be attendance obligation for students and follow up charts will be prepared and presented to management.

The lessons are organised approximately 16 hours in 4 days for a week. Curriculum papers will be for 15 days periods.

The last repeating lectures are also planned for the last 1 or 2 months before TUS.

- **CURRICULUM DRAFT**

BASIC AND CLINICAL SCIENCE COURSES (115 x 4 Hours)

DICIPLINE	LECTURE (x 4 hours)
INTERNAL MEDICINE	15
CHILD HEALTH AND PEDIATRICS	15
GENERAL SURGERY	12
OBSTETRICS AND GYNECOLOGY	12
PATHOLOGY	13
PHARMACOLOGY	12
BIOCHEMISTRY	12
MICROBIOLOGY	11
ANATOMY	10
NEUROLOGY	03

COURSE REPETITIONS (16 Courses x 5 Hours)

1. INTERNAL MEDICINE : 5
2. CHILD HEALTH AND PEDIATRICS : 3
3. GENERAL SURGERY : 1
4. OBSTETRICS AND GYNECOLOGY : 1
5. PATHOLOGY : 1
6. PHARMACOLOGY : 2
7. BIOCHEMISTRY : 1
8. MICROBIOLOGY : 1
9. ANATOMY : 1

SEMINARS (4 x 4 Hours)

1- TERM-BEGINNING TUS INFORMATION
2- THE TECHNIQUES & METHODOLOGY of STUDYING TUS
3- APRIL 2006 TUS INFORMATION & EVALUATION
4- TERM-ENDING EXAMINATION TACTICS

EXAMINATIONS (9 + 2 ORIGINAL TUS)

SEPTEMBER	18:00	**SEPTEMBER 2005 TUS ORIGINAL**
NOVEMBER	18:00	**EXAM-1**
DECEMBER	18:00	EXAM-2
JANUARY	18:00	EXAM-3
FEBRUARY	18:00	EXAM-4
MARCH	18:00	EXAM-5
APRIL	18:00	APRIL 2006 TUS ORIGINAL
JUNE	18:00	EXAM-6
JULY	18:00	EXAM-7
AUGUST	18:00	EXAM-8
AUGUST	18:00	EXAM-9

- **OTHER DETAILS**

There will not be any clinical practice and training at patient bedside in the curriculum of "The General Review Courses".

The certain dates of all exams will be announced after the programme starts.

According to the legal changes in the TUS exam rules, the contents and forms of education will have the arrangements regulated by TUMER.

In the project, all mentors will be from the staff of TUMER.

Lectures Time Planning:

- In the working days: between 17:30 and 21:30
- In the weekends: between 09:00 and 17:00
- There will not be any lectures in the essay days