

***CLERKSHIP PROGRAMMES
PHASE IV***

INTERNAL MEDICINE

(12 Weeks)

04.09.2006-01.12.2006

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL

WHOLE CLASS

CHILD HEALTH AND PEDIATRICS

(9 Weeks)

04.12.2007-09.02.2007

**KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL
(GROUP A)**

GENERAL SURGERY (6 Weeks)

04.12.2006-19.01.2007

**HAYDARPAŞA NUMUNE
TRAINING AND RESEARCH HOSPITAL
(GROUP B)**

DATES	B1	B2	B3
22-26.01 2007	THORIC SURGERY (S.E.H)	CARDIOVAS. SURGERY (S.E.H.)	PLASTIC&RECON. SURGEY (H.N.H)
29.01-02.02 2007	CARDIOVAS. SURGERY(S.E.H)	PLASTIC&RECON. SURGEY (H.N.H)	THORIC SURGERY (S.E.H)
09-13.04 2007	PLASTIC&RECON. SURGEY (H.N.H)	THORIC SURGERY (S.E.H)	CARDIOVAS. SURGERY(S.E.H.)

GENERAL SURGERY (6 Weeks)

12.02.2007-23.03.2007

**HAYDARPAŞA NUMUNE
TRAINING AND RESEARCH HOSPITAL
(GROUP A)**

CHILD HEALTH AND PEDIATRICS

(9 Weeks)

12.02.2007-13.04.2007

**KARTAL LUTFU KIRDAR
TRAINING AND RESEARCH HOSPITAL
(GROUP B)**

DATES	B1	B2	B3
22-26.01 2007	THORIC SURGERY (S.E.H)	CARDIOVAS. SURGERY(S.E.H.)	PLASTIC&RECON. SURGEY (H.N.H)
29.01-02.02 2007	CARDIOVAS. SURGERY(S.E.H.)	PLASTIC&RECON. SURGEY (H.N.H)	THORIC SURGERY (S.E.H)
09-13.04 2007	PLASTIC&RECON. SURGEY (H.N.H)	THORIC SURGERY (S.E.H)	CARDIOVAS. SURGERY (S.E.H.)

OBSTETRICS AND GYNECOLOGY

(6 Weeks)

16.04.2007-25.05.2007

**ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING AND RESEARCH HOSPITAL
WHOLE CLASS**

HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (H.N.H.)

SIYAMI ERSEK TRAINING AND RESEARCH HOSPITAL (S.E.H.)

PHASE IV

2006-2007 STUDENT GROUPS

GROUP A

<u>GROUP 1A</u>	<u>GROUP 2A</u>	<u>GROUP 3A</u>
Baris GORGUN	Sedef BASGONUL	Ayşe İlay DURU
Ali Haydar AKCA	Duygu ECE KUMBASAR	Burcu MERT
Fulya OZKAL	Murat N. BAYRAKTAR	Leyla OZHAN
Derya KARAPINAR	Macit KALCIK	Eren Oral KALBISAGDE
Tuba OBEKLI	Zeynep CEYLAN	Sedef Gökçe SENOCAK
Hulya SAÇLI	Buse Rahime HASIRCI	Funda KOYUN
Gökçe DEMİRAN	Ece BALKUV	L.Damla OKAN

GROUP B

<u>GROUP 1B</u>	<u>GROUP 2B</u>	<u>GROUP 3B</u>
Nil SARICICEK	Merve Büsra CENGİZ	Amber SENEL
Tolga ÇELİK	Kivilcim ORHUN	Yıldız GÖREN
Buminhan OZGULTEKIN	Ozlem KOSVALI	Nihal YILDIZ
Fatma BULUT	Onur KUCUKTOPCU	Esra SAHIN
Tugba KARADENİZ	Ahu COLAK	Hüseyin CUMEN
Elif SULEYMANOGLU	Volkan SOYSAL	Abdullah UNAL
Hande OGUL	Fatma GÜNGÖR	Gökem ÇITOGLU
S.Omür HINCAL	Aysim ERTÜRK	Halil Umut ONER
	Yasemin Gul AYDEMİR	

CLERKSHIP PROGRAMMES (36 WEEKS)

INTERNAL MEDICINE (12 weeks)

CHILD HEALTH AND PEDIATRICS (9 weeks)

GENERAL SURGERY (6 weeks)

THORACIC SURGERY (1 week)

CARDIOVASCULAR SURGERY (1 week)

PLASTIC AND RECONSTRUCTIVE SURGERY (1 week)

OBSTETRICS AND GYNECOLOGY (6 weeks)

INTERNAL MEDICINE
(12 Weeks)

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 ischemic 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

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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 Virchow'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. RESPIRATORY 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 the 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

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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 SynMDome
- Adult respiratory distress synMDome
- 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 GI 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 investigations 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

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- 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 and 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

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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 the other main haematological investigations and when to carry them out
 - Haematinics: iron and total iron-binding capacity, ferritin, vitamin B12, folate and cell folate.
 - 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 confront a house officer and understand how to manage them
- Know enough about the 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 to 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 rationale 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

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- 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

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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

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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 meningococemia, 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 cough, 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 necrotizing 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

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INTERNAL MEDICINE PROGRAM

HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

04.09.2006-30.11.2006

04.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Taking History Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Examination of Head and Neck Sabri SAHİN,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.

05.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Examination of the Respiratory System Refik DEMIRTUNC,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.

06.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Examination of the Gastrointestinal System Sabri SAHIN,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.

07.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: EKG Ali OZDEMIR,MD
14:00 – 15:00	LECTURE: Disorders of Rhythm Ali OZDEMIR,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.

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08.09.2006	
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 OZDEMİR,MD
15:00 – 16:00	CASE REPORT : Heart failure Ali OZDEMİR,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

11.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Hypertension Muzeyyen KARASAKAL ,MD
14:00 – 15:00	LECTURE: Hypertension Muzeyyen KARASAKAL ,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.

12.09.2006	
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.

13.09.2006	
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.

PHASE IV

14.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Cor Pulmonale Muzeyyen KARASAKAL,MD
14:00 – 15:00	LECTURE: Vasculer Diseases of the Extremities Tayfun KESKIN,MD
15:00 – 16:00	CASE REPORT: Deep Venous Thrombosis Tayfun KESKIN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

15.09.2006	
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 Muzeyyen 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.

18.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Pneumonia Derya ENGIN,MD
14:00 – 15:00	LECTURE: Tuberculosis Ali Ulku Yılmaz, 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.

19.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Asthma Gul KESKIN,MD
14:00 – 15:00	LECTURE: Chronic Obstructive Lung Disease Gul KESKIN,MD
15:00 – 16:00	CASE REPORT: Pleural Effusion Gul KESKIN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

20.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Pulmonary Thromboembolism Muzeyyen KARASAKAL,MD
14:00 – 15:00	LECTURE: Disorders of the Pleura, Mediastinum, and Diaphragm Muzeyyen 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

21.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Acute Respiratory Distress Syndrome Gul KESKIN,MD
14:00 – 15:00	LECTURE: Enviromental Lung Diseases Gul KESKIN,MD
15:00 – 16:00	CASE REPORT: Tuberculosis Gul KESKIN,MD
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: Approach to the Patient with Anemia Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Splenomegaly and Lymphadenopathies Refik DEMIRTUNC,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.

25.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Anemias Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Anemias Refik DEMIRTUNC,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.

26.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Aplastic Anemia and Myelodysplasia Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Polycythemia Vera and Other Myeloproliferative Diseases Refik DEMIRTUNC,MD
15:00 – 16:00	CASE REPORT: Iron Deficiency Anemia Refik DEMIRTUNC,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

27.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Acute Leukemias Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Chronic Leukemias Refik DEMIRTUNC,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

28.09.2006	
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 DEMIRTUNC,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

29.09.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Disorders of Hemostasis Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Disseminate Intravascular Coagulation Refik DEMIRTUNC,MD
15:00 – 16:00	CASE REPORT : Approach to the Patient with Bleeding and Thrombosis Refik DEMIRTUNC,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

02.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Approach to the Patient with Cancer Mehmet ALIUSTAOGLU,MD
14:00 – 15:00	LECTURE: Principles of Cancer Therapy Mehmet ALIUSTAOGLU,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.

03.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Neoplasms of the Lung Gul KESKIN,MD
14:00 – 15:00	LECTURE: Gastrointestinal System and Pancreatic Neoplasms and Tumors of the Liver and Biliary Tract Mehmet ALIUSTAOGLU,MD
15:00 – 16:00	CASE REPORT: Febrile Neutropenia Ilknur ERDEM, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

04.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Tumor Markers Mehmet ALIUSTAOGLU,MD
14:00 – 15:00	LECTURE: Oncologic Emergencies Refik DEMIRTUNC,MD
15:00 – 16:00	CASE REPORT : Paraneoplastic Syndromes Mehmet ALIUSTAOGLU,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

05.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Introduction to Infectious Diseases Pasa GOKTAS, .Assoc.Prof.
14:00 – 15:00	LECTURE: Fever of Unknown Origin Nurgul CERAN,MD
15:00 – 16:00	CASE REPORT: Infective Endocarditis Ilknur ERDEM,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

06.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Sepsis and Septic Shock Ilknur ERDEM,MD
14:00 – 15:00	LECTURE: Acute Infectious Diarrheal Diseases Nurgul CERAN,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.

09.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Infections of the Skin, Muscles, and Soft Tissues Nurgul CERAN,MD
14:00 – 15:00	LECTURE: Infections of the Central Nervous System Emin KARAGUL,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.

10.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Salmonellosis, Shigellosis, and Brucellosis Derya ENGIN,MD
14:00 – 15:00	LECTURE: Herpes Simplex and Varicella-Zoster Virus Infections Nurgul CERAN,MD
15:00 – 16:00	CASE REPORT: Typhoid Fever Ilknur ERDEM,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

11.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Human Immunodeficiency Virus Disease Pasa GOKTAS, .Assoc.Prof.
14:00 – 15:00	LECTURE: Common Viral Respiratory Infections Nurgul CERAN, 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.

12.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Approach to the Patients with Parasitic Infections Derya ENGİN, MD
14:00 – 15:00	LECTURE: Guidelines for Antibiotic Treatment Derya ENGIN, MD
15:00 – 16:00	CASE REPORT: Hospital Infections Ilknur ERDEM, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

13.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Diseases of the Esophagus and Peptic Ulcer Ali OZTURK, MD
14:00 – 15:00	LECTURE: Inflammatory Bowel Disease Ali OZTURK, MD
15:00 – 16:00	CASE REPORT : Duodenal Ulcer Ali OZTURK, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

16.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Evaluation of Liver Function Nalan USALAN, MD
14:00 – 15:00	LECTURE: Bilirubin Metabolism and Hyperbilirubinemia Ali OZTURK, MD
15:00 – 16:00	CASE REPORT : Interpretation of Abnormal Liver Tests Nalan USALAN, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

17.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Acute Viral Hepatitis Pasa GOKTAS, .Assoc.Prof.
14:00 – 15:00	LECTURE: Chronic Hepatitis Nalan USALAN,MD
15:00 – 16:00	CASE REPORT: Gastroesophageal Reflux Disease Ali OZTURK, MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

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18.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Toxic and Drug-Induced Hepatitis Derya ENGIN,MD
14:00 – 15:00	LECTURE: Cirrhosis and Alcoholic Liver Disease Ali OZTURK,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.

19.10.2006	
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 Cirrhosis and Sclerosing Cholangitis Tayfun KESKIN,MD
15:00 – 16:00	CASE REPORT: Major Complications of Cirrhosis Refik DEMIRTUNC,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

20.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Acute and Chronic Pancreatitis Nalan USALAN,MD
14:00 – 15:00	LECTURE: Approach to the patient with Gastrointestinal System Bleeding Ali OZTURK,MD
15:00 – 16:00	CASE REPORT: Approach to the Patient with Gastrointestinal System Bleeding Ali OZTURK,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

26.10.2006	
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.

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27.10.2006	
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 Pinar 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.

30.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Glomerulopathies Bahtisen GUVEN,MD
14:00 – 15:00	LECTURE: Glomerulopathies Bahtisen GUVEN,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.

31.10.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Tubulointerstitial Diseases of the Kidney Bahtisen GUVEN,MD
14:00 – 15:00	LECTURE: Dialysis and Transplantation Bahtisen GUVEN,MD
15:00 – 16:00	CASE REPORT: Nephrotic Syndrome Pinar SEYMEN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

01.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Introduction to the Immun System Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: The Major Histocompatibility Gene Complex Refik DEMIRTUNC,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.

02.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Diseases of the Immediate Type Hypersensitivity Refik DEMIRTUNC,MD
14:00 – 15:00	LECTURE: Amyloidosis Refik DEMIRTUNC,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.

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03.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Systemic Lupus Erythematosus Fatih AKDOGAN,MD
14:00 – 15:00	LECTURE: Rheumatoid Arthritis Fatih AKDOGAN,MD
15:00 – 16:00	CASE REPORT: Rheumatoid Arthritis Fatih AKDOGAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

06.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside Fatih AKDOGAN, MD
13:00 – 14:00	LECTURE: Familial Mediterrenian Fever Fatih AKDOGAN, MD
14:00 – 15:00	LECTURE: BehCet's Disease Fatih AKDOGAN,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.

07.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside Mehmet Fatih AKDOGAN,MD
13:00 – 14:00	LECTURE: The Vasculitis Syndromes Mehmet Fatih AKDOGAN, MD
14:00 – 15:00	LECTURE: Approach to the Patient in Geriatry Refik DEMIRTUNC,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.

08.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Diseases of the Anterior Pituitary Serife Nur BOYSAN,MD
14:00 – 15:00	LECTURE: Disorders of the Neurohypophysis Serife Nur BOYSAN,MD
15:00 – 16:00	CASE REPORT: Hypopituitarism Serife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

09.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Hypothyroidism Serife Nur BOYSAN,MD
14:00 – 15:00	LECTURE: Hyperthyroidism Serife 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.

10.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Approach to the Patient with Thyroid Nodule Sule OZUGUR,MD
14:00 – 15:00	LECTURE: Thyroid Neoplasm Serife Nur BOYSAN,MD
15:00 – 16:00	CASE REPORT: Thyrotoxic Crisis Serife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

13.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Diseases of the Adrenal Cortex Serife Nur BOYSAN,MD
14:00 – 15:00	LECTURE: Diseases of the Adrenal Cortex Serife 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.

14.11.2006	
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.

15.11.2006	
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 Serife Nur BOYSAN,MD
15:00 – 16:00	CASE REPORT: Diabetic Ketoacidosis Serife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

16.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Hypoglycemia Serife Nur BOYSAN,MD
14:00 – 15:00	LECTURE: Pheochromocytoma Serife 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.

17.11.2006	
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 Refik DEMIRTUNC,MD
15:00 – 16:00	CASE REPORT: Adrenal Crisis Serife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

20.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Hypercalcemic Disorders Serife Nur BOYSAN,MD
14:00 – 15:00	LECTURE: Hypocalcemic Disorders Serife 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.

21.11.2006	
08:00 – 12:00	Clinical practice and training at patient bedside
13:00 – 14:00	LECTURE: Hemochromatosis Muzeyyen KARASAKAL,MD
14:00 – 15:00	LECTURE: Gout Muzeyyen KARASAKAL,MD
15:00 – 16:00	CASE REPORT: Primary Hyperparathyroidism Serife Nur BOYSAN,MD
16:00 – 08:00	Night Shift: Clinical practice at internal medicine and emergency ward.

PHASE IV

22.11.2006	
08:00-12:00	Clinical practice and training at patient bedside
13:00 –14:00	LECTURE: Hyperlipidemia update , Dursun Duman MD
14:00 –15:00	LECTURE: Treatment Guidelines , Dursun Duman MD
15:00 –16:00	CASE REPORT: Patient with hyperlipidemia , Dursun Duman MD
16:00 –08:00	Night Shift: Clinical practice at internal medicine and emergency ward

23.11.2006	
08:00-12:00	Clinical practice and training at patient bedside
13:00 14:00	LECTURE: Hypercoagulability Refik DEMIRTUNC,MD
14:00 15:00	LECTURE: Hypercoagulability Refik DEMIRTUNC,MD
15:00 16:00	CASE REPORT: Approach to the patient with ascites Refik DEMIRTUNC,MD
16:00 08:00	Night Shift: Clinical practice at internal medicine and emergency ward

24.11.2006	
08:00-12:00	Clinical practice and training at patient bedside
13:00-14:00	LECTURE: Celiac Sprue disease Refik DEMIRTUNC,MD
14:00-15:00	LECTURE: Celiac Sprue disease Refik DEMIRTUNC,MD
15:00-16:00	CASE REPORT: Approach to the patient with pleural effusion
16:00-08:00	Night Shift: Clinical practice at internal medicine and emergency ward

27.11.2006	
08:00-12:00	Clinical practice and training at patient bedside
13:00-14:00	LECTURE: Aortic dissection Dursun Duman MD
14:00-15:00	LECTURE: Cardiogenic shock Dursun Duman MD
15:00-16:00	CASE REPORT: Cardiogenic shock Dursun Duman MD
16:00-08:00	Night Shift: Clinical practice at internal medicine and emergency ward

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28.11.2006	
NO CLASS	

29.11.2006	
THEORETICAL EXAMINATION	

30.11.2006

PRACTICAL EXAMINATION

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

*CHILD HEALTH
AND
PEDIATRICS
(9 Weeks)*

PHASE IV

**MD LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL
PEDIATRICS LECTURE PROGRAMME GROUP A**

DATE		TIME	LECTURE	Lecturer
04.12.2006	Monday	13:00-13:50	Introduction to Pediatrics, history taking and physical examination	A.VITRINEL
		14:00-14:50	Cardiovascular system examination	G.C.ERDAG
05.12.2006	Tuesday	14:00-14:50	Respiratory system examination	N.GİRİT
06.12.2006	Wednesday	13:00-13:50	Gastrointestinal and genitourinary system examination	F.AKSOY
		14:00-14:50	Neurological examination	A.VITRINEL
07.12.2006	Thursday	13:00-13:50	Newborn examination	Y.AKIN
		14:00-14:50	Prematurity, postmaturity	Y.AKIN
08.12.2006	Friday	13:00-13:50	Electrocardiographic principles	G.C.ERDAG
		14:00-14:50	Congenital heart disease	K.ESMER
11.12.2006	Monday	13:00-13:50	Nutrition	A.VITRINEL
		14:00-14:50	Nutrition	A.VITRINEL
12.12.2006	Tuesday	14:00-14:50	Obesity	P.BORAN
13.12.2006	Wednesday	13:00-13:50	Malnutrition	A.VITRINEL
		14:00-14:50	Malabsorption	A.VITRINEL
14.12.2006	Thursday	13:00-13:50	Vitamin deficiencies	Y.AKIN
		14:00-14:50	Rahitis	Y.AKIN
15.12.2006	Friday	13:00-13:50	Acute gastroenteritis	E.TUTAR
		14:00-14:50	Peptic diseases, H.pylori infection	E.TUTAR
18.12.2006	Monday	13:00-13:50	Growth and development	A.VITRINEL
		14:00-14:50	Growth retardation	A.VITRINEL
19.12.2006	Tuesday	14:00-14:50	Introduction to anemia, iron deficiency anemia	G.TOKUC
20.12.2006	Wednesday	13:00-13:50	Immunization principles	A.VITRINEL
		14:00-14:50	Vaccination	A.VITRINEL
21.12.2006	Thursday	13:00-13:50	Non-hemolytic anemias	G.TOKUC
		14:00-14:50	Hemolytic anemias	G.TOKUC

22.12.2006	Friday	13:00-13:50	Disorders of coagulation	G.TOKUC
		14:00-14:50	Disorders of coagulation	G.TOKUC
		14:00-14:50	Acid-base disorders	N.GIRIT
26.12.2006	Tuesday	14:00-14:50	Tubulopathies	F.AKSOY
27.12.2006	Wednesday	13:00-13:50	Urinary tract infections	G.C.ERDAG
		14:00-14:50	Hypertension	S.COMERT
28.12.2006	Thursday	13:00-13:50	Acute glomerulonephritis	S.SADIKOGLU
		14:00-14:50	Nephrotic syndrome	S.SADIKOGLU
29.12.2006	Friday	13:00-13:50	Acute renal failure	G.TOKUC
		14:00-14:50	Chronic renal failure	G.TOKUC
04.01.2007	Thursday	13:00-13:50	Upper Respiratory Tract Infection	A.VITRINEL
		14:00-14:50	Lower Respiratory Tract Infection	A.VITRINEL
05.01.2007	Friday	14:00-14:50	Meningitis	G.TOKUC
08.01.2007	Monday	13:00-13:50	Maculopapular-vesicular diseases	A.VITRINEL
		14:00-14:50	Tetanus, diphtheria, mumps	A.VITRINEL
09.01.2007	Tuesday	14:00-14:50	Chromosomal diseases	S.COMERT
10.01.2007	Wednesday	13:00-13:50	Tuberculosis	N.GİRİT
		14:00-14:50	Viral paralytic diseases	A.VITRINEL
11.01.2007	Thursday	13:00-13:50	Diabetes Mellitus	G.TOKUC
		14:00-14:50	Diabetes Mellitus	G.TOKUC
12.01.2007	Friday		Hepatitis	E.TUTAR
		14:00-14:50	Hepatitis	E.TUTAR
15.01.2007	Monday	13:00-13:50	Connective Tissue Diseases	G.TOKUC
		14:00-14:50	Vasculitic Syndromes	G.TOKUC
16.01.2007	Tuesday	14:00-14:50	<u>Blood transfusions and complications</u>	G.TOKUC
17.01.2007	Wednesday	13:00-13:50	Urticaria, atopic dermatitis	S.SADIKOGLU
		14:00-14:50	Inborn Errors of Metabolism	G.C.ERDAG
18.01.2007	Thursday	13:00-13:50	Asthma	N.GIRIT
		14:00-14:50	Asthma	N.GIRIT
19.01.2007	Friday	13:00-13:50	Adrenal Hypofunction	G.TOKUC
		14:00-14:50	Shock	S.COMERT

22.01.2007	Monday	13:00-13:50	Neonatal Hyperbilirubinemia	Y.AKIN
		14:00-14:50	Respiratory Distress Syndrome	Y.AKIN
23.01.2007	Tuesday	14:00-14:50	Neonatal sepsis	F.AKSOY
24.01.2007	Wednesday	13:00-13:50	Congenital hypothyroidism	F.AKSOY
		14:00-14:50	Hematological disorders in newborn	S.COMERT
25.01.2007	Thursday	13:00-13:50	Neonatal convulsions	A.VITRINEL
		14:00-14:50	Cirrhosis, portal hypertension	E.TUTAR
26.01.2007	Friday	13:00-13:50	Entoxication	T.AGZIKURU
		14:00-14:50	Entoxication	T.AGZIKURU
29.01.2007	Monday	13:00-13:50	Congestive heart failure	G.TOKUC
		14:00-14:50	Acute rheumatic fever	A.VITRINEL
30.01.2007	Tuesday	14:00-14:50	Infective Endocarditis	S.COMERT
31.01.2007	Wednesday	13:00-13:50	Parasitosis	P.BORAN
		14:00-14:50	Parasitosis	P.BORAN
01.02.2007	Thursday	13:00-13:50	Solid tumors	G.TOKUC
		14:00-14:50	Leukemia	G.TOKUC
02.02.2007	Friday	13:00-13:50	Discussion	A.VITRINEL
05.02.2007	Monday	13:00-14:50	Free Working Hour	
06.02.2007	Tuesday		<i>Free Working Hour</i>	
07.02.2007	Wednesday		<u>Free Working Hour</u>	
08.02.2007	Thursday	09:00	Written Exam	
09.02.2007	Friday	09:00	Oral Exam	

PHASE IV

**MD LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSPITAL
PEDIATRICS LECTURE PROGRAMME GROUP B**

DATE		TIME	LECTURE	Lecturer
12.02.2007	Monday	13:00-13:50	Introduction to Pediatrics, history taking and physical examination	A.VITRINEL
		14:00-14:50	Cardiovascular system examination	G.C.ERDAG
13.02.2007	Tuesday	14:00-14:50	Respiratory system examination	N.GIRIT
14.02.2007	Wednesday	13:00-13:50	Gastrointestinal and genitourinary system examination	F.AKSOY
		14:00-14:50	Neurological examination	A.VITRINEL
15.02.2007	Thursday	13:00-13:50	Newborn examination	Y.AKIN
		14:00-14:50	Prematurity, postmaturity	Y.AKIN
16.02.2007	Friday	13:00-13:50	Electrocardiographic principles	G.C.ERDAG
		14:00-14:50	Congenital heart disease	K.ESMER
19.02.2007	Monday	13:00-13:50	Nutrition	A.VITRINEL
		14:00-14:50	Nutrition	A.VITRINEL
20.02.2007	Tuesday	14:00-14:50	Obesity	P.BORAN
21.02.2007	Wednesday	13:00-13:50	Malnutrition	A.VITRINEL
		14:00-14:50	Malabsorption	A.VITRINEL
22.02.2007	Thursday	13:00-13:50	Vitamin deficiencies	Y.AKIN
		14:00-14:50	Rahitis	Y.AKIN
23.02.2007	Friday	13:00-13:50	Acute gastroenteritis	E.TUTAR
		14:00-14:50	Peptic diseases, H.pylori infection	E.TUTAR
26.02.2007	Monday	13:00-13:50	Growth and development	A.VITRINEL
		14:00-14:50	Growth retardation	A.VITRINEL
27.02.2007	Tuesday	14:00-14:50	Introduction to anemia, iron deficiency anemia	G.TOKUC
28.02.2007	Wednesday	13:00-13:50	Immunization principles	A.VITRINEL
		14:00-14:50	Vaccination	A.VITRINEL
01.03.2007	Thursday	13:00-13:50	Non-hemolytic anemias	G.TOKUC
		14:00-14:50	Hemolytic anemias	G.TOKUC

02.03.2007	Friday	13:00-13:50	Disorders of coagulation	G.TOKUC
		14:00-14:50	Disorders of coagulation	G.TOKUC
05.03.2007	Monday	13:00-13:50	Fluid and electrolyte disorders	N.GIRIT
		14:00-14:50	Acid-base disorders	N.GIRIT
06.03.2007	Tuesday	14:00-14:50	Tubulopathies	F.AKSOY
07.03.2007	Wednesday	13:00-13:50	Urinary tract infections	G.C.ERDAG
		14:00-14:50	Hypertension	S.COMERT
08.03.2007	Thursday	13:00-13:50	Acute glomerulonephritis	S.SADIKOGLU
		14:00-14:50	Nephrotic syndrome	S.SADIKOGLU
09.03.2007	Friday	13:00-13:50	Acute renal failure	G.TOKUC
		14:00-14:50	Chronic renal failure	G.TOKUC
12.03.2007	Monday	13:00-13:50	Upper Respiratory Tract Infection	A.VITRINEL
		14:00-14:50	Lower Respiratory Tract Infection	A.VITRINEL
13.03.2007	Tuesday	14:00-14:50	Meningitis	G.TOKUC
14.03.2007	Wednesday	13:00-13:50	Maculopapular-vesicular diseases	A.VITRINEL
		14:00-14:50	Tetanus, diphtheria, mumps	A.VITRINEL
15.03.2007	Thursday	13:00-13:50	Hepatitis	E.TUTAR
		14:00-14:50	Hepatitis	E.TUTAR
16.03.2007	Friday	13:00-13:50	Tuberculosis	N.GIRIT
		14:00-14:50	Viral paralytic diseases	A.VITRINEL
19.03.2007	Monday	13:00-13:50	Diabetes Mellitus	G.TOKUC
		14:00-14:50	Diabetes Mellitus	G.TOKUC
20.03.2007	Tuesday	14:00-14:50	Chromosomal diseases	S.COMERT
21.03.2007	Wednesday	13:00-13:50	Connective Tissue Diseases	G.TOKUC
		14:00-14:50	Vasculitic Syndromes	G.TOKUC
22.03.2007	Thursday	13:00-13:50	Adrenal Hypofunction	G.TOKUC
		14:00-14:50	Shock	S.COMERT
23.03.2007	Friday	13:00-13:50	Urticaria, atopic dermatitis	S.SADIKOGLU
		14:00-14:50	Inborn Errors of Metabolism	G.C.ERDAG
26.03.2007	Monday	13:00-13:50	Asthma	N.GIRIT
		14:00-14:50	Asthma	N.GIRIT

27.03.2007	Tuesday	14:00-14:50	Blood transfusions and complications	G.TOKUC
28.03.2007	Wednesday	13:00-13:50	Neonatal Hyperbilirubinemia	Y.AKIN
		14:00-14:50	Respiratory Distress Syndrome	Y.AKIN
29.03.2007	Thursday	14:00-14:50	Neonatal sepsis	F.AKSOY
30.03.2007	Friday	13:00-13:50	Congenital hypothyroidism	F.AKSOY
		14:00-14:50	Hematological disorders in newborn	S.COMERT
02.04.2007	Monday	13:00-13:50	Neonatal convulsions	A.VITRINEL
		14:00-14:50	Cirrhosis, portal hypertension	E.TUTAR
03.04.2007	Tuesday	13:00-13:50	Congestive heart failure	G.TOKUC
		14:00-14:50	Acute rheumatic fever	A.VITRINEL
04.04.2007	Wednesday	13:00-13:50	Entoxication	T.AGZIKURU
		14:00-14:50	Entoxication	T.AGZIKURU
05.04.2007	Thursday	14:00-14:50	Infective Endocarditis	S.COMERT
06.04.2007	Friday	13:00-13:50	Parasitosis	P.BORAN
		14:00-14:50	Parasitosis	P.BORAN
09.04.2007	Monday	13:00-13:50	Solid tumors	G.TOKUC
		14:00-14:50	Leukemia	G.TOKUC
10.04.2007	Tuesday	13:00-13:50	Free Working Hour	
11.04.2007	Wednesday	13:00-14:50	Free Working Hour	
12.04.2007	Thursday	09:00	Written Exam	
13.04.2007	Friday	09:00	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

GENERAL SURGERY
(6 Weeks)

PHASE IV

**GENERAL SURGERY THEORETICAL EDUCATIONAL PROGRAMME
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL GROUP B**

Date	Day	Time	Subject	Lecturer (Clinic)
04.12.2006	Monday	13:10-15:00	Obstructive jaundice	Abdullah SaGlam [4]
05.12.2006	Tuesday	13:10-15:00	Acute appendicitis	Tolga MüftüoGlu [4]
06.12.2006	Wednesday	13:10-15:00	Hydatid disease of liver*- Liver abcess and tumors**	*Alper Poyraz [3] **Yılmaz Bilsel[3]
07.12.2006	Thursday	13:10-15:00	Pancreatitis	Mehmet OdabaSı [4]
08.12.2006	Friday	13:10-15:00	Periampullary Malignancies	Abdullah SaGlam [4]
09.12.2006	Saturday			
10.12.2006	Sunday			
11.12.2006	Monday	13:10-15:00	Physical examination of surgery	Günay Gürleyik [4]
12.12.2006	Tuesday	13:10-15:00	Fluid and electrolyte therapy	Sırrı Ozkan [3]
13.12.2006	Wednesday	13:10-15:00	Gastrointestinal bleeding - Blood transfusions	Osman Krand [1]
14.12.2006	Thursday	13:10-15:00	Shock and its treatment	Yılmaz User [3]
15.12.2006	Friday	13:10-15:00	Shock and its treatment	Metin Tilki [3]
16.12.2006	Saturday			
17.12.2006	Sunday			
18.12.2006	Monday	13:10-15:00	Diseases of the gallbladder and biliary tree	Mehmet Talu [3]
19.12.2006	Tuesday	13:10-15:00	Acute abdomen - peritonitis	Ediz Altınlı [2]
20.12.2006	Wednesday	13:10-15:00	Colorectal carcinoma - Anorectal Diseases	NeSet KOKsal [2]
21.12.2006	Thursday	13:10-15:00	Hernias	İbrahim Berber [1]
22.12.2006	Friday	13:10-15:00	Abdominal trauma	Ümit TopaloGlu[5]
23.12.2006	Saturday			
24.12.2006	Sunday			
25.12.2006	Monday	13:10-15:00	Diseases of thyroid gland	Faruk CemSit [3]
26.12.2006	Tuesday	13:10-15:00	Primary hyperparathyroidism	Yusuf Günerhan [2]
27.12.2006	Wednesday	13:10-15:00	Benign* and malignant** diseases of the stomach	Ümit TopaloGlu[5]
28.12.2006	Thursday	13:10-15:00	Surgical infections* and soft tissue tumors**	*Münire Kayhan[5] ** Erkan Ozkan[5]
29.12.2006	Friday	13:10-15:00	Benign and malignant diseases of the oesophagus	Ender Onurlu[2]
30.12.2006	Saturday			
31.12.2006	Sunday			
01.01.2007	Monday	Religious Holiday		
02.01.2007	Tuesday			
03.01.2007	Wednesday			
04.01.2007	Thursday			
05.01.2007	Friday			
06.01.2007	Saturday			
07.01.2007	Sunday			
08.01.2007	Monday	13:10-15:00	Renal-Pancreatic-Hepatic tx.	İzzet Titiz [1]
09.01.2007	Tuesday	13:10-15:00	Intestinal obstruction	Yahya Ozel [5]
10.01.2007	Wednesday	13:10-15:00	Diseases of the breast	NeSet KOKsal [2]
11.01.2007	Thursday	13:10-15:00	Diseases of the adrenal glands and spleen	İzzet Titiz [1]
12.01.2007	Friday	13:10-15:00	Burns and immediate therapy	Ender Dulundu[5]
13.01.2007	Saturday			
14.01.2007	Sunday			
15.01.2007	Monday	FREE TIME		
16.01.2007	Tuesday			
17.01.2007	Wednesday			

18.01.2007	Thursday		Exam	
19.01.2007	Friday		Exam	
20.01.2007	Saturday			
21.01.2007	Sunday			

Lectures will be held in conference room, a total of 2 hours between 13:10-14:10 and 14:10-15:00

Yılmaz User, MD, CC
Phase IV Coordinator

Yusuf Ozertürk, MD, Prof.
Chief Doctor

PHASE IV

**GENERAL SURGERY PRACTICAL EDUCATIONAL PROGRAMME
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL GROUP B**

Date	Day	Time	Subject	Lecturer (Clinic)
04.12.2006	Monday	15:10-16:00	Abdominal Examination	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
05.12.2006	Tuesday	15:10-16:00	Surgical Equipment	O.Krand, Y.Günerhan, F.CemSit, T.MüftüoGlu,E.Dulundu
06.12.2006	Wednesday	15:10-16:00	Suture materials	G.Altaca, R.Kurt, M.Talu, M.OdabaSi, E.Ozkan
07.12.2006	Thursday	15:10-16:00	Catheters	N.KayabeyoGlu, R.Kurt, S.Ozkan, G.Gürleyik, M.Kayahan
08.12.2006	Friday	15:10-16:00	Procedure for intravenous cannula	İ.Berber, MA Uzun, A.Poyraz, H.Pekcan, E.Dulundu
09.12.2006	Saturday			
10.12.2006	Sunday			
11.12.2006	Monday	15:10-16:00	Intravenous treatment	E.ErdoGdu, A.Celik, N.Aydın, A.Aktekin, E.Ozkan
12.12.2006	Tuesday	15:10-16:00	Patient Monitoring	O.Krand, N.KOKsal, M.Tilki, T.MüftüoGlu, Ü.TopaloGlu
13.12.2006	Wednesday	15:10-16:00	DIsinfections	İ.Berber, Y.Günerhan, Y.Bilsel, M.OdabaSi, M.Kayahan
14.12.2006	Thursday	15:10-16:00	Wound care	F.GOCer, R.Kurt, Y.User, A.Aktekin, M.Kayahan
15.12.2006	Friday	15:10-16:00	Diabetic foot	İ.Titiz, MA Uzun, Y.User, A.SaGlam, Ü.TopaloGlu
16.12.2006	Saturday			
17.12.2006	Sunday			
18.12.2006	Monday	15:10-16:00	Endoscopy	O.Krand, A.Celik, Y.Bilsel, M.OdabaSi, E.Dulundu
19.12.2006	Tuesday	15:10-16:00	Transport of the patient	N.KayabeyoGlu, E.Onur, M.Talu, A.SaGlam, Y.Ozel
20.12.2006	Wednesday	15:10-16:00	Physical Examination of the traumatized patient	O.Krand, Y.Günerhan, S.Ozkan, G.Gürleyik, E.Ozkan
21.12.2006	Thursday	15:10-16:00	Management of the traumatized patient	M.Kara, E.Altınlı, Y.Bilsel, M.OdabaSi, E.Dulundu
22.12.2006	Friday	15:10-16:00	Biopsy Procedure	M.Kara, E.Onur, M.Talu, A.SaGlam, M.Kayahan
23.12.2006	Saturday			
24.12.2006	Sunday			
25.12.2006	Monday	15:10-16:00	TPN-TEN Administration	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
26.12.2006	Tuesday	15:10-16:00	Thyroid cxom	F.GOCer, Y.Günerhan,F.CemSit, M.OdabaSi, E.Ozkan
27.12.2006	Wednesday	15:10-16:00	Examination of Anorectal	İ.Titiz, R.Kurt, Y.Bilsel, A.Aktekin, E.Dulundu
28.12.2006	Thursday	15:10-16:00	Examination of Hernia	O.Krand, MA Uzun, M.Talu, A.SaGlam, Ü.TopaloGlu
29.12.2006	Friday	15:10-16:00	examination of Burns	G.Altaca, Y.Günerhan, S.Ozkan, G.Gürleyik, Y.Ozel
30.12.2006	Saturday			
31.12.2006	Sunday			
01.01.2007	Monday	15:10-16:00	Examination of Breast	N.KayabeyoGlu, A.Celik, N.Aydın, M.OdabaSi, Ü.TopaloGlu
02.01.2007	Tuesday	15:10-16:00	Examination of Thorax	G.Altaca, Y.Günerhan, H.Tanrikulu, G.Gürleyik, E.Dulundu
03.01.2007	Wednesday	15:10-16:00	Examination of the FORENSIC patient	E.ErdoGdu, R.Kurt, M.Tilki, H.Pekcan, E.Ozkan
04.01.2007	Thursday	15:10-16:00	Surgical infections	O.Krand, MA Uzun, A.Poyraz, M.OdabaSi, M.Kayahan
05.01.2007	Friday	15:10-16:00	Scanning procedures	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
06.01.2007	Saturday			
07.01.2007	Sunday			
08.01.2007	Monday	15:10-16:00	Religious Holiday	
09.01.2007	Tuesday	15:10-16:00		
10.01.2007	Wednesday	15:10-16:00		
11.01.2007	Thursday			
12.01.2007	Friday			
13.01.2007	Saturday			
14.01.2007	Sunday			
15.01.2007			FREE TIME	
16.01.2007				

17.01.2007				
18.01.2007	PerSembe		Exam	
19.01.2007	Cuma		Exam	
20.01.2007	Saturday			
21.01.2007	Sunday			

Practical groups are student's own cilinical groups

Practical lessons will be heal as a one lecture hour in realated Instructors clinic between 15:10-16:00

Yılmaz User,MD,CC Phase IV Coordinator

Yusuf Ozertürk,MD Prof. Chief Doctor

GENERAL SURGERY THEORETICAL EDUCATIONAL PROGRAMME
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL GROUPA

Date	Day	Time	Subject	Lecturer (Clinic)
12.02.2007	Monday	13:10-15:00	Obstructive jaundice	Abdullah SaGlam [4]
13.02.2007	Tuesday	13:10-15:00	Acute appendicitis	Tolga MüftüoGlu [4]
14.02.2007	Wednesday	13:10-15:00	Hydatid disease of liver*- Liver abcess and tumors**	*Alper Poyraz [3] **Yılmaz Bilsel[3]
15.02.2007	Thursday	13:10-15:00	Pancreatitis	Mehmet OdabaSı [4]
16.02.2007	Friday	13:10-15:00	Periampullary Malignancies	Abdullah SaGlam [4]
17.02.2007	Saturday			
18.02.2007	Sunday			
19.02.2007	Monday	13:10-15:00	Physical examination of surgery	Günay Gürleyik [4]
20.02.2007	Tuesday	13:10-15:00	Fluid and electrolyte therapy	Sırrı Ozkan [3]
21.02.2007	Wednesday	13:10-15:00	Gastrointestinal bleeding - Blood transfusions	Osman Krand [1]
22.02.2007	Thursday	13:10-15:00	Shock and its treatment	Yılmaz User [3]
23.02.2007	Friday	13:10-15:00	Shock and its treatment	Metin Tilki [3]
24.02.2007	Saturday			
25.02.2007	Sunday			
26.02.2007	Monday	13:10-15:00	Diseases of the gallbladder and biliary tree	Mehmet Talu [3]
27.02.2007	Tuesday	13:10-15:00	Acute abdomen - peritonitis	Ediz Altınlı [2]
28.02.2007	Wednesday	13:10-15:00	Colorectal carcinoma - Anorectal Diseases	NeSet KOKsal [2]
01.03.2007	Thursday	13:10-15:00	Hernias	İbrahim Berber [1]
02.03.2007	Friday	13:10-15:00	Abdominal trauma	Ümit TopaloGlu[5]
03.03.2007	Saturday			
04.03.2007	Sunday			
05.03.2007	Monday	13:10-15:00	Diseases of thyroid gland	Faruk CemSit [3]
06.03.2007	Tuesday	13:10-15:00	Primary hyperparathyroidism	Yusuf Günerhan [2]
07.03.2007	Wednesday	13:10-15:00	Benign* and malignant** diseases of the stomach	Ümit TopaloGlu[5]
08.03.2007	Thursday	13:10-15:00	Surgical infections* and soft tissue tumors**	*Münire Kayhan[5] ** Erkan Ozkan[5]
09.03.2007	Friday	13:10-15:00	Benign and malignant diseases of the oesophagus	Ender Onurlu[2]
10.03.2007	Saturday			
11.03.2007	Sunday			
12.03.2007	Monday	13:10-15:00	Renal-Pancreatic-Hepatic Ctx	İzzet Titiz [1]
13.03.2007	Tuesday	13:10-15:00	Intestinal obstruction	Yahya Ozel [5]
14.03.2007	Wednesday	13:10-15:00	Diseases of the breast	NeSet KOKsal [2]
15.03.2007	Thursday	13:10-15:00	Diseases of the adrenal glands and spleen	İzzet Titiz [1]
16.03.2007	Friday	13:10-15:00	Burns and immediate therapy	Ender Dulundu[5]
17.03.2007	Saturday			
18.03.2007	Sunday			
19.03.2007	Monday	FREE TIME		
20.03.2007	Tuesday			
21.03.2007	Wednesday			
22.03.2007	Thursday		Exam	
23.03.2007	Friday		Exam	
24.03.2007	Saturday			
25.03.2007	Sunday			

Lectures will be held in conference room,a total of 2 hours between 13:10-14:10 and 14:10-15:00

PHASE IV

**GENERAL SURGERY PRACTICAL EDUCATIONAL PROGRAMME
HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL GROUPA**

Date	Day	Time	Subject	Lecturer (Clinic)
12.02.2007	Monday	15:10-16:00	Abdominal Examination	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
13.02.2007	Tuesday	15:10-16:00	Surgical Equipment	O.Krand, Y.Günerhan, F.CemSit, T.MüftüoGlu, E.Dulundu
14.02.2007	Wednesday	15:10-16:00	Suture materials	G.Altaca, R.Kurt, M.Talu, M.OdabaSı, E.Ozkan
15.02.2007	Thursday	15:10-16:00	Catheters	N.KayabeyoGlu, R.Kurt, S.Ozkan, G.Gürleyik, M.Kayahan
16.02.2007	Friday	15:10-16:00	Procedure for intravenous cannula	İ.Berber, MA Uzun, A.Poyraz, H.Pekcan, E.Dulundu
17.02.2007	Saturday			
18.02.2007	Sunday			
19.02.2007	Monday	15:10-16:00	Intravenous treatment	E.ErdoGdu, A.Celik, N.Aydın, A.Aktekin, E.Ozkan
20.02.2007	Tuesday	15:10-16:00	Patient Monitoring	O.Krand, N.KOKsal, M.Tilki, T.MüftüoGlu, Ü.TopaloGlu
21.02.2007	Wednesday	15:10-16:00	DIsinfections	İ.Berber, Y.Günerhan, Y.Bilsel, M.OdabaSı, M.Kayahan
22.02.2007	Thursday	15:10-16:00	Wound care	F.GOCer, R.Kurt, Y.User, A.Aktekin, M.Kayahan
23.02.2007	Friday	15:10-16:00	Diabetic foot	İ.Titiz, MA Uzun, Y.User, A.SaGlam, Ü.TopaloGlu
24.02.2007	Saturday			
25.02.2007	Sunday			
26.02.2007	Monday	15:10-16:00	Endoscopy	O.Krand, A.Celik, Y.Bilsel, T.MüftüoGlu, E.Dulundu
27.02.2007	Tuesday	15:10-16:00	Transport of the patient	N.KayabeyoGlu, E.Onur, M.Talu, A.SaGlam, Y.Ozel
28.02.2007	Wednesday	15:10-16:00	Physical Examination of the traumatized patient	O.Krand, Y.Günerhan, S.Ozkan, G.Gürlyik, E.Ozkan
01.03.2007	Thursday	15:10-16:00	Management of the traumatized patient	M.Kara, E.Altınlı, Y.Bilsel, M.OdabaSı, E.Dulundu
02.03.2007	Friday	15:10-16:00	Biopsy Procedure	M.Kara, E.Onur, M.Talu, A.SaGlam, M.Kayahan
03.03.2007	Saturday			
04.03.2007	Sunday			
05.03.2007	Monday	15:10-16:00	TPN-TEN Administration	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
06.03.2007	Tuesday	15:10-16:00	Thyroid cxom	F.GOCer, Y.Günerhan, F.CemSit, M.OdabaSı, E.Ozkan
07.03.2007	Wednesday	15:10-16:00	Examination of Anorectal	İ.Titiz, R.Kurt, Y.Bilsel, A.Aktekin, E.Dulundu
08.03.2007	Thursday	15:10-16:00	Examination of Hernia	O.Krand, MA Uzun, M.Talu, A.SaGlam, Ü.TopaloGlu
09.03.2007	Friday	15:10-16:00	examination of Burns	G.Altaca, Y.Günerhan, S.Ozkan, G.Gürleyik, Y.Ozel
10.03.2007	Saturday			
11.03.2007	Sunday			
12.03.2007	Monday	15:10-16:00	Examination of Breast	N.KayabeyoGlu, A.Celik, N.Aydın, M.OdabaSı, Ü.TopaloGlu
13.03.2007	Tuesday	15:10-16:00	Examination of Thorax	G.Altaca, Y.Günerhan, H.Tanrıkkulu, G.Gürleyik, E.Dulundu
14.03.2007	Wednesday	15:10-16:00	Examination of the FORENSIC patient	E.ErdoGdu, R.Kurt, M.Tilki, H.Pekcan, E.Ozkan
15.03.2007	Thursday	15:10-16:00	Surgical infections	O.Krand, MA Uzun, A.Poyraz, M.OdabaSı, M.Kayahan
16.03.2007	Friday	15:10-16:00	Scanning procedures	İ.Titiz, N.KOKsal, Y.User, A.SaGlam, Ü.TopaloGlu
17.03.2007	Saturday			
18.03.2007	Sunday			
19.03.2007	Monday			
20.03.2007	Tuesday			
21.03.2007	Wednesday			
22.03.2007	Thursday		Exam	
23.03.2007	Friday		Exam	
24.03.2007	Saturday			
25.03.2007	Sunday			

Practical groups are student's own cilinical groups

Practical lessons will be hedl as a one lecture hour in realated Instructors clinic between 15:10-16:00

Yılmaz User, MD, CC

Phase IV Coordinator

Yusuf Ozertürk, MD Prof
Chief Doctor

PLASTIC AND RECONSTRUCTIVE SURGERY (1 WEEK)

THORACIC SURGERY (1 WEEK)

CARDIOVASCULAR SURGERY (1 WEEK)

HAYDARPASA NUMUNE TRAINING AND RESEARCH HOSPITAL

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	Mustafa Tercan, MD,DoC.
Cleft lip and palate	Mustafa Tercan, MD,DoC.
Wound healing	Hasan Findik, MD Op
Skin cancer and malignant melanoma	Hasan Findik, MD Op
Maxillofacial trauma	Haydar Iskenderoglu, MD Op.
Burns and Reconstructive Surgery	Selcuk OztunCMD,Op.
Principles of Hand Surgery	Selcuk OztunCMD,Op.
Cosmetic Surgery	Adnan Uzunismail, MD,Prof.

SIYAMI ERSEK TRAINING AND RESEARCH HOSPITAL

THORACIC SURGERY

08.40-10.30	Chest wall tumors and surgical treatment Ilgaz Doğusoy MD	Mediastinal diseases and tumors Murat Yaşaroğlu MD	Surgical anatomical features of the thorax Tamer Okay MD	Inflammatory and infectious diseases of lung Ilgaz Doğusoy MD
10.30-12.30	Invasive diagnostic procedures Oya U. İmamoğlu MD	Postoperative complications and follow up for thoracic surgery Mehmet Yıldırım MD	Bullous disorders and pneumothorax Oya U. İmamoğlu MD	Chest wall deformities Tamer Okay MD
13.40-15.30	Preoperative evaluation for thoracic surgery Hatice C. Demirbağ MD	Lung Neoplasms 1 Muharrem Çelik, MD, Ass. Prof.	Surgical diseases of pleural cavity Bülent Aydemir, MD	Diaphragmatic disorders Bülent Aydemir, MD
15.30-17.30	Nuclear and radiologic imaging for thoracic surgery Sezai Çelik, MD	Lung Neoplasms 2 Muharrem Çelik, MD, Ass. Prof.	Tracheal and oesophageal diseases Hatice C. Demirbağ MD	Thoracic trauma Mehmet Yıldırım, MD

**SIYAMI ERSEK TRAINING AND RESEARCH HOSPITAL
CARDIOVASCULAR SURGERY EDUCATIONAL PROGRAMME**

08.40-09.30	Cardiac Anatomy Arif Tarhan,MD	Surgical Treatment of Acute Myocardial Infarction İlyas KayacıoGlu,MD	Cardiac Arrhythmias & Surgical Treatment Abdullah K.Tuygun,MD	Imaging Techniques in Peripheric artery diseases Ugur Filizcan,MD
09.40-10.30	Extracorporeal Perfusion (ECP) Cüneyt Konuralp,MD	Postinfarction Ventricular Septal Defect (VSD)- Free Wall Rupture Mehmet KaplanMD,Associate Professor	Cardiomyopathy, Transplantation Osman FazlıoGulları,MD	Arterial Emboly GOkCen Orhan,MD
10.40-11.30	Intraoperative organ protection Mehmet AteS,MD	Aneurysmal aorta Soner SanioGlu,MD	Congenital Cardiac Defects: Embryology and Fetal Circulation Yavuz EnC,MD	Carotid Artery Disease Vertebrobasiller Insufficiency Erol KurC,MD
11.40-12.30	CardioPulmonary Ressusitation (CPR) Rafet Günay,MD	Aortic Dissections Mustafa İdiz,MD	Palliative procedures in Congenital Heart Disease (CHD) GerCek Camur,MD	Peripheral Arterial Disease Diagnosis and Management Indications for Surgery Bayer Cinar,MD
13.40-14.30	Coronary Anatomy Onur Gürer,MD	Cardiac Valve Prosthesis Ufuk CiloGlu,MD	Atrial and Ventricular Septal Defects Hüseyin SaSkın	Imaging Techniques in Venous Disease Tamer Kehlibar,MD
14.40-15.30	Myocardial Revascularization Onur Sokullu,MD	Aortic Insufficiency and Stenosis Batuhan Ozay,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 AydoGan,MD	Mitral Stenosis & Insufficiency Bülent Ketenci,MD	Fallot's Tetralogy Yücesin Arslan,MD	Venous Trombosis-Lymphodema Sebnem Cetemen,MD
16.40-17.30	Off-Pump Coronary Surgery Mehmet Yılmaz,MD	Surgical Approach to Infective Endocarditis Serdar Cimen,MD	Transposition of the Great Arteries & Surgery Numan Aydemir,MD	Subclavian Steal SynMDome-Vasospastic Diseases Aybanu G,Tuygun,MD

PHASE IV

*SIYAMI ERSEK TRAINING AND RESEARCH HOSPITAL
CARDIOVASCULAR SURGERY
Weekly Program*

GROUP B	B2- 16.01.2006	B2- 17.01.2006	B2- 18.01.2006	B2- 19.01.2006	B2- 20.01.2006
	B1- 23.01.2006	B1- 24.01.2006	B1- 25.01.2006	B1- 26.01.2006	B1- 27.01.2006
	B3- 30.01.2006	B3- 31.01.2006	B3- 01.02.2006	B3- 02.02.2006	B3- 03.02.2006
GROUP A	A2- 20.03.2006	A2- 21.03.2006	A2- 22.03.2006	A2- 23.03.2006	A2- 24.03.2006
	A1- 27.03.2006	A1- 28.03.2006	A1- 29.03.2006	A1- 30.03.2006	A1- 31.03.2006
	A3- 03.04.2006	A3- 04.04.2006	A3- 05.04.2006	A3- 06.04.2006	A3- 07.04.2006

***OBSTETRICS
AND
GYNECOLOGY
(6 Weeks)***

ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING AND RESEARCH HOSPITAL,

16/04/2007-24/05/2007

GYNECOLOGY AND OBSTETRICS CLINICS THEORETICAL EDUCATION PROGRAM

DATE	TIME	LECTURE	LECTURER
16.04.2007	13.30-14.15	Obstetrics in broad perspective - Obstetrical Statistics	Vedat DAYICIOGLU ,MD
16.04.2007	14.30-15.15	Preconceptional counseling ; pregnancy follow up and care	Semih TUGRUL, MD
18.04.2007	13.30-14.15	Normal labor and normal delivery	Bülent TANDOGAN, MD
18.04.2007	14.30-15.15	Normal puerperium,puerperal care and lactation	Akif ALKAN ,MD
19.04.2007	13.30-14.15	Common complications of pregnancy	Gulden ONAL,MD
19.04.2007	14.30-15.15	Abnormal labor - Dystocia	Seda CAKIR, MD
20.04.2007	13.30-14.15	Abnormal labor- Malpresentation	Tayfun KUTLU ,MD
20.04.2007	14.30-15.15	Postpartum problems and care in broad perspective	ErSan DEMIRAG, MD
25.04.2007	13.30-14.15	Hypertensive disorders in Pregnancy	Mehmet ULUDOGAN, MD
25.04.2007	14.30-15.15	Obstetrical Hemorrhage	Erdal ESKICIRAK, MD
26.04.2007	13.30-14.15	Premature rupture of membranes,Preterm labor	Oya PEKIN ,MD
26.04.2007	14.30-15.15	Pregnancy and systemic disorders	Zeki SAHINOGLU, MD Assoc.Prof
27.04.2007	13.30-14.15	Pregestational and Gestational Diabetes Mellitus	Vedat DAYICIOGLU, MD
27.04.2007	14.30-15.15	Infections in Pregnancy	İlhan SANVERDI, MD
30.04.2007	13.30-14.15	Infections of the Puerperium	Habibe AYVACI, MD
30.04.2007	14.30-15.15	Ectopic pregnancies	Kemal ALTINKAS ,MD
02.05.2007	13.30-14.15	Cesarean section endications.	Deniz KOSE, MD
02.05.2007	14.30-15.15	Gynecologic anatomy,pelvic examination	AktuG ERTEKIN, MD Assoc.Prof.
03.05.2007	13.30-14.15	Puberty and pubertal diseases	Canan KABACA, MD
03.05.2007	14.30-15.15	Genital system infections	Habibe AYVACI ,MD
04.05.2007	13.30-14.15	Gynecological Hemorrhage	Ayşe GÜRBÜZ, MD Assoc.Prof.
04.05.2007	14.30-15.15	Amenorrhea	Selcuk AYAS, MD
07.05.2007	13.30-14.15	Acute and Chronic Pelvic Pain	Cetin CAM, MD
07.05.2007	14.30-15.15	Gynecologic Malignancies	AteS KARATEKE, MD Assoc.Prof
09.05.2007	13.30-14.15	Infertility	Tansel CETINKAYA, MD
09.05.2007	14.30-15.15	Fertility control	Niyazi TUG MD
10.05.2007	13.30-14.15	Benign vulvar - vaginal lesions	Erdal ESKICIRAK, MD
10.05.2007	14.30-15.15	Myoma uteri and other uterine tumors	Karsel ERTEKIN,MD
11.05.2007	13.30-14.15	Gestational trophoblastic diseases	Selcuk AYAS, MD
11.05.2007	14.30-15.15	Pediatric Gynecology	Canan KABACA, MD
14.05.2007	13.30-14.15	Endometriosis	Tayfun KUTLU, MD
14.05.2007	14.30-15.15	Pelvic Relaxations- Urogynecology	Cetin CAM ,MD
16.05.2007	13.30-14.15	Gynecologic endocrine abnormalities	İlknur AKOZ ,MD
16.05.2007	14.30-15.15	Hyperandrogenism	Ayşe GÜRBÜZ, MD Assoc.Prof
17.05.2007	13.30-14.15	Menopause and hormone replacement therapy	Sadiye EREN, MD
17.05.2007	14.30-15.15	Assisted reproductive technologies and In Vitro Fertilization	Kenan SOFUOGLU, MD
24.05.2007		EXAM	
		Op.MD Vedat DayicioGlu	Aysenur CELAYIR MD Assoc.Prof
		Clinical Chief	Chief Doctor
		Student Coordinator	

PHASE IV

**ZEYNEP KAMIL WOMEN AND CHILDREN'S TRAINING AND RESEARCH
HOSPITAL
GYNECOLOGY AND OBSTETRICS CLINICS**

ROTATIONS

	1A	2A	3A
OBSTETRICS	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

	1B	2B	3B
GYNECOLOGY	Gynecology Clinic I Gynecology Clinic II	Gynecology Polyclinic I Gynecology Polyclinic II	USG Infertility
	Gynecology Polyclinic I Gynecology Polyclinic II	USG Infertility	Gynecology Clinic I Gynecology Clinic II
	USG Infertility	Gynecology Clinic I Gynecology Clinic II	Gynecology Polyclinic I Gynecology Polyclinic II

	1A	2A	3A
GYNECOLOGY	Gynecology Clinic I Gynecology Clinic II	Gynecology Polyclinic I Gynecology Polyclinic II	USG Infertility
	Gynecology Polyclinic I Gynecology Polyclinic II	USG Infertility	Gynecology Clinic I Gynecology Clinic II
	USG Infertility	Gynecology Clinic I Gynecology Clinic II	Gynecology Polyclinic I Gynecology Polyclinic II

	1B	2B	3B
OBSTETRICS	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