



Republic of Turkey
Ministry of Health



**Marmara University
Istanbul Pendik Education and Research Hospital**

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Chest Surgery Clinic

Pectus Center (Chest Wall Deformities and Pectus)

“Pectus Center” is formed in 2017 at Marmara University Chest Deformities and Pectus Center Chest Surgery Clinic. With a multidisciplinary approach, our center works coordinately with other departments and offers our patients with pre-operative and post-operative medical support of any kind when the need arises.

Marmara University Hospital Chest Surgery Clinic treats all kinds of chest deformities with latest advanced techniques in the world, Pectus Excavatum and Pectus Carinatum in particular. With the techniques clinic chief and Head of Department Prof. Dr. Mustafa Yüksel has developed, patients from Turkey and worldwide are being treated.

Foreign doctors from many centers around the world are coming to visit our clinic to learn the minimal invasive techniques for Pectus Excavatum and Carinatum surgeries that Prof. Yüksel has developed, who also is the founder of Chest Wall International Group/CWIG and Pectus Association in Turkey. Many scientific congresses which international participants take part are being hosted by our clinic every year regularly.

With a total of 2000 surgeries up to this day and 500 new patients per year, our clinic ranks as one of the tops of the world and Turkey for pectus surgeries. Every Wednesday patients are being seen by Prof. Yüksel and his team between 09:00-15:00 in our Chest Surgery outpatient clinic.

At first examination;

- Physical examination
- Determination of deformity type and degree in pectus patients
- Chest x-ray

At Pre Operative Examination;

- Blood tests
- ECG
- Anesthesia consultation
- Thorax Tomography, Cardiac USG





- Consultations according to additional diseases

These Consultations;

- Cardiology (Pediatric/Adult)
- Orthopedics
- Psychiatry
- Physiotherapy
- Chest Disease (Pediatric/Adult)
- Dietitian

Patients stay in hospital for 3 to 5 days post-operatively and are called for control visits at 10th day, first month and annual post-operatively.





Chest Surgery Team Supervisor



Prof. Dr. Mustafa Yüksel

Professional Fields of interest and Speciality: Chest Wall, Pectus Deformities , Thoracic and Cardio-Vascular Surgery

Personal Background

Date of Birth: 1953 , Ankara

Foreign Language : English

Educational Background:

Lisans 1977 Ankara University Medical School

Specialization 1983 Ankara Atatürk Chest Disease and Chest Surgery Center/Chest Cardiovascular Surgery

Ass. Prof. 1991 Marmara University Medical School / Chest Surgery Department

Associate Professor 1994 Marmara University Medical School / Chest Surgery Department

Professor 1999 Marmara University Medical School / Chest Surgery Department





Assignment

Domestic :

1990 Heybeliada Chest Disease and Chest Surgery Center / Assistant Chief

1991 Marmara University Medical School Chest Surgery Department Founder

Abroad Studies :

1991-1992 Royal Brompton Hospital , with Dr. Peter Goldstraw.

Memberships of Scientific Organisations:

National

The Turkish Chest Surgery Assosiation

Turkish Thoracic Society

Pectus Society

Turkish Society of Lung Cancer

Turkish Industry and Business Association

International

The European Association for Cardio-Thoracic Surgery (EACTS) Chest Wall International Group(CWIG) Founder.

Chest Wall International Group (CWIG) association founder

Chest Wall International Group (CWIG) association former president.





Chest Surgery Clinic Team



Prof. Dr. Bedrettin Yıldızeli

Fields of Interest : Pulmonary Endarterectomy, Lung Transplantation, Advanced Stage Lung Cancer Surgery (Pancoast Tumor), Mediastinum Surgery, Trachea Surgery,



Assoc. Prof. Dr. Korkut Bostancı

Fields of Interest: Lung Cancer Surgery, Chest Wall Resection/Reconstruction, Emphysema, ELVR (Endobronchial Volume Reducing Surgery), TOS (Thoracic Outlet Syndrome),



Assoc. Prof. Dr. Tunc Lâcin

Fields of Interest : Lung Cancer , Videoassisted Thoracoscopic Surgery, Esophagus Cancer, Mesothelioma, Thymus Surgery, Trachea and Endobronchial Tumors (Resection and Stent Placement), Diaphragm Pace-maker Placement





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Asst. Prof. Dr. Nezih Onur Ermerak

Fields of Interest : Uniportal VATS Lung Cancer, Pleura Benign and Malign Diseases Surgeries, Chest Wall Diseases, Esophagial Benign and Malign Diseases



Spc. Dr. Esra Yamansavcı Şirzai

Fields of Interest: Lung Cancer, Chest Wall Diseases



Spc.Dr. İlhan Ocakcioğlu

Fields of Interest: Lung Cancer, Pleura Benign and Malign Diseases



Spc.Dr. Taner Ege

Fields of Interest: Lung Cancer, Pleura Benign and Malign Diseases





Liver Transplantation Unit

With the experience they gathered from important international centers and with their own experience, the unit has a multidisciplinary experienced staff who apply their knowledge to patients. Liver transplantations are being carried out in this unit since May 2012.

First living-donor liver transplant in this sense is done in our hospital successfully by Prof. Ender Dulundu with Prof. Masatoshi Makuuchi who is the first to achieve this procedure in the world.

Evaluations are to be done for the transplantation preparation:

- **Laboratory Tests:**

For Receiver: Hepatic synthetic function determination, serum electrolytes, kidney function, viral serologies, other markers of liver diseases, tumor markers, ABO blood type, creatine clearance, urine analysis

For Donor: Hemogram, clotting, biochemistry, liver function tests, viral markers, metabolic and vitamin, endocrinologic tests, kidney function, lipid profile, tumor markers, viral scanning, urine analysis

Cardiac Evaluation:

Echocardiography, If cardiac risk factors are present (hyperlipidemia, hypertension, diabetes, smoking, being older than 60) noninvasive stress test.

- **Radiologic Tests:**

For Receiver: Doppler USG for liver vascular broadness, 3D tomography, MRI for tumor scanning





For the donor ; 3D tomography, MR, MRCP, ECG, chest X-Ray, liver biopsy if necessary, breast USG, mammography if the patient is female.

- **General Health Evaluations:**

Chest graphy, PAP smear, mammography(if female), colonoscopy (if has primary sclerosing cholangitis) esophagogastroduodenoscopy

If donor is older than 40 years; gynecology or urology, colonoscopy

If receiver is older than 40 years; gynecology or urology, esophagogastroduodenoscopy, colonoscopy

Dental Evaluations:

Decays, impacted roots and abscesses are detected. Referred for treatment if needed.

Follow-Up After Liver Transplantation:

Life after transplantation includes an on-going doctor monitoring and a number of measures for receiver to adapt daily life easily. To achieve the well-being of the transplanted organ, outpatient visits are needed. Careful physical activity and healthy eating, general hygiene and precautions towards infections are essential for transplant patients. It's made sure that donor's remaining liver functions well and his/her general health is in good condition before being discharged from hospital. First follow- up must be in 6 months and to go on annually afterwards.





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Director of Liver Transplantation Unit



Prof. Dr. Ender DULUNDU

Professional Fields of Interest and Speciality:

- Liver surgery
- Bile duct & Pancreas Surgeries,
- Liver Transplantation
- Oncologic Surgery

Personal Background

Date of Birth: 12 March 1967

Foreign Language: English

Educational Background:

Undergraduate: 1990 İstanbul University Cerrahpaşa School of Medicine

Post Graduate: 1999 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and Research Hospital, General Surgery Department





Residency: 1999 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and Research Hospital, General Surgery Department

Assoc. Prof. : 2010 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and Research Hospital, General Surgery Department

Professor : 2016 T.C. Ministry of Health Marmara University Pendik Training and Research Hospital, General Surgery Department, İstanbul.

Assignments

Education Abroad :

2010-2010 Department of Surgical Gastroenterology Clinic and Endoscopy Unit, Copenhagen University, Gentofte Hospital, Denmark

2007-2007 Liver-Bile Duct-Pancreas Surgery, Liver Transplant Center, Hospital Paul Brousse, Centre Hepato-Biliaire, Paris, France

2006-2006 Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, University of Tokyo, Japan

2005-2006 European University Diploma “HPB Cancers: Oncosurgical strategies”. HepatoBiliary Center Paul Brousse Hospital, Villejuif, Paris, France

2003-2004 Fellow of the Japanese Foundation for Promotion of Cancer Research,





Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and Transplantation Division,
Department of Surgery, Graduate School of Medicine, University of Tokyo, Japan Fellow of
the Japanese Foundation for Promotion of Cancer Research, Tokyo

2002-2002 Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and
Transplantation Division, Department of Surgery, Graduate School of Medicine,
University of Tokyo, Japan

Professional experience in Turkey:

2011- Currently T.C. Ministry of Health Marmara University Pendik Training and
Research Hospital, General Surgery Department, İstanbul.

2005-2010 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and
Research Hospital, General Surgery Department, Head of the Hepato Pancreato Biliary
Surgery Division and Liver Transplantation Unit

2004-2005 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and
Research Hospital, General Surgery Department and Kidney Transplant Unit

2002-2003 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and
Research Hospital, General Surgery Clinic and Kidney Transplant Unit

2001-2002 T.C. Ministry of Health İstanbul Haydarpaşa Numune Training and
Research Hospital, General Surgery Clinic

2000-2001 Koyulhisar Public Hospital, Koyulhisar, Sivas





Memberships of Scientific Organisations

National

National Endoscopic-Laparoscopic Surgery Foundation

National Trauma and Urgent Surgery Foundation Turkish

Hepatic Pancreatic Biliar Surgery Foundation Turkish Colon
and Rectum Surgery Foundation National Surgery

Foundation

International

President of Turkish Chapter of IASGO (Int.Assc.Surgeon,
Gastroenterologists, and Oncologists) Fellow of the American
College of Surgeons

International Association of Surgeons, Gastroenterologists, and Oncologists

International Society of Surgery

International Society for Digestive Surgery International

Hepato-Pancreato-Biliary Association European Association

for Cancer Research International Liver Transplantation

Society





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Member of the General Surgical Department



Prof. Dr. Cumhuriyet Yeğen

Fields of Interest : Gastrointestinal Surgery, Organ Transplantation



Prof. Dr. Ömer Günel

Fields of Interest: Obesity Surgery, Laparoscopic Surgery



Assoc. Prof. Dr. Vafi Atalay

Fields of Interest: Colorectal Surgery, Endoscopy





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Assoc. Prof. Dr. Mustafa Ümit Uğurlu

Fields of Interest: Breast/ Endocrine Surgery



Assoc. Prof. Dr. Baha Tolga Demirtas

Fields of Interest : Gastrointestinal Surgery, Organ Transplantation



Spc.Dr. Ali Emre Atıcı

Fields of Interest : Gastrointestinal Surgery, Pancreas Surgery



Spc.Dr. Tefvik Kıvılcım Uprak

Fields of Interest : Gastrointestinal Surgery





Cardiovascular Surgery

Up to this date, over 10.000 cardiovascular surgeries were performed in this clinic. Since the day one, the clinic aims for innovative and pathbreaking approach and today; all kinds of newborn, pediatric and adult pathologies are treated succesfully with the latest cardiovascular surgery techniques

Within the hospital; operations are carried out in the dedicated operation room and intensive care unit equipped with cutting-edge technology. Hospital has special Hybrid Operation Room for complex transcatheteric valvular and endovascular aortic surgeries.

Foremost qualification of the hospital is its multidisciplinary approach. Pathologies concerning other departments are also being consulted to relevant clinic for treatment through a teamwork.

Applied Treatments:

Pediatric Congenital Heart Disease Surgical Treatments:

Examinations of congenital heart diseases are done with every kind of diagnostic methods (echocardiography and angiography) by using latest technologic devices for both inpatients and outpatients that are referred from other hospitals. Patients with congenital heart diseases that operated in clinic are post-operatively monitored by specialised nurses and doctors in the seperated intensive care unit. Due to its high technologic facilities, the hospital is in a reference center position in the area. Specialist doctors provide service for 7/24.





Adult Cardiovasacular Surgery

Every kind of complex procuders are being carried out in hospital with latest technology. Arterial graft usage in coronary by-pass surgery which is the most prevalent cardiac surgery in the world, endoscopic technique for the vessels in leg and minimal cut surgeries are being done routinely in clinic.

The clinic has a broad experience on newly invented technique, “stitchless aorta valve” surgery, which is comperatively faster and done via small incisions without opening the chest bone. Transcatheter Aortic Valve Replacement (TAVI) technique is also another new tecnique used in our clinic. With these “minimal invasive surgery” techniques, recovery time speeds up and the patients can go back to their daily life in a shorter time. Furthermore, the cosmetic outcomes are significantly better then open techniques. Mitral and Tricuspid Valve repariring techniques are also widely done in our clinic.

Known as the most risky procedures in cardiac diseases, complex Aorta Aneurism Endovascular technique is another field of specialty. Thanks to “Hybrid” approach applied in this subject especially, high death and complication rates are lowered. Without making incisions on chest bone and/or abdomen, with “Hybrid” method surgeries patients can go back to their daily life in a shorter span of time.

Life Support Theraphy (ECMO)

Another clinically specialized field is “Life Support” therapy. Due to multidisciplinary structure, there is a 7/24 ECMO unit that can be use on both pediatric and adult patients serve to port-operative heart surgery patients, patients from other departments who has heart and respiratory system related needs. In this unit, ECMO- supported patients are monitored by Intensive Care speacialist doctors in a multidisciplinary sense.





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Cardiovascular Surgery Team



Prof. Dr. SELİM İSBİR

Professional Fields of Interest and Speciality:

- Aorta Surgery
- Mitral Valve Repair
- Minimal Invasive Cardiac Surgery,
- Coronary By-Pass Surgery
- Peripheral Artery Surgery
- Carotis Endarterectomy

Personal Background:

Date of Birth : 10 January 1969

Foreign Language : English

Educational Background:

Undergraduate 1991 İstanbul University Cerrahpaşa Medical School

Residency 1991 –1997 Hacettepe University Medical
School/Cardiovascular Surgery

Fellow Ship 1997-1998 Mayo Clinic, Cardiovascular Surgery Department





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Marmara University
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Assoc. Prof. 2003 Marmara University Medical School/Cardiovascular
Surgery Department

Professor 2009 Marmara University Medical School/Cardiovascular
Surgery Department

Assignments:

2009-2010 Marmara University Hospital Chief Physician

Memberships of Scientific Foundations :

National

Turkish Cardiovascular Surgery Foundation

Turkish Vascular Surgery Foundation Turkish

Molecular Medicine Foundation

International

American Association for Thoracic Surgery

Society Of Thoracic Surgeons

European Association for Cardiothoracic Surgery International

Society for Heart and Lung Transplantation





Cardiovascular Surgery Team



Prof. Dr. Sinan Arsan

Fields of Interest : Aorta Surgery, Valve Surgery, Coronary Artery Surgery, Peripheral Artery Surgery, Carotid Endarterectomy



Prof. Dr. Koray Ak

Fields of Interest: Congenital Heart Disease Surgeries



Asst. Prof. Dr. Yaşar Birkan

Fields of Interest : Peripheral Artery Surgery





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Spc. Dr. M. Emir Erol

Fields of Interest : Minimal Invasive Heart Surgery, Abdominal Aortic Aneurysm, Venous Insufficiency



Spc. Dr. Fatih Öztürk

Fields of Interest : Minimal Invasive Heart Surgery, Abdominal Aortic Aneurysm, Venous Insufficiency



Spc. Dr. Deniz Günay

Fields of Interest : Minimal Invasive Heart Surgery, Abdominal Aortic Aneurysm, Venous Insufficiency





Orthopaedics And Traumatology

Orthopaedic Oncology Unit

Adult and pediatric patients with bone and soft tissue cancers have been treated successfully since 15 years by Orthopaedic Oncology Unit in Orthopaedics and Traumatology Clinic. Orthopaedic Oncology Unit annually carries out 100-120 bone sarcoma, 150 soft tissue sarcoma, bone metastases and benign musculoskeletal system tumor surgeries and has become one of the most experienced and outstanding centers in this field within the country. Also in recent years, Orthopaedic Oncology training have been provided to orthopaedic surgeons from different university and state hospitals.

Musculoskeletal system tumors are treated by the multidisciplinary approach of;

- Pediatric/Adult Oncology-Hematology
- Radiation Oncology
- Pathology
- Radiology
- Plastic and Reconstructive Surgery
- Cardiovascular Surgery
- Chest Surgery
- General Surgery





- Physical Therapy and Rehabilitation departments. Limb sparing surgery and various reconstruction techniques (tumor endoprosthesis, biological methods) are performed successfully.

Bone Cancers:

Most prevalent bone cancers are;

- Osteosarcoma,
- Ewing's Sarcoma
- Chondrosarcoma

The treatment of Osteosarcoma ve Ewing's sarcoma includes preoperative (neoadjuvant) chemotherapy, surgical resection and postoperative (adjuvant) chemotherapy. In Ewing sarcoma, preoperative or postoperative radiation treatment is applied when required. The duration of treatment is 6 months in Osteosarcoma and approximately 1 year in Ewing's sarcoma. In chondrosarcoma appropriate surgical resection of the tumor is sufficient, no additional treatment is required.

Soft Tissue Cancers:

In soft tissue sarcomas, appropriate surgical resection of the tumor is the mainstay of treatment. Surgical resection is combined with preoperative or postoperative radiation treatment in majority of the patients. Occasionally, chemotherapy is added as an adjuvant treatment.

Initial Evaluation (Diagnosis)

Radiological evaluation of primary tumor;





- Conventional radiography
- Magnetic resonance (MR) imaging
- Computerized tomography (CT) when needed

Radiological staging

- Lung and abdominal CT scan
- Whole body bone scintigraphy

Oncological consultation, submission to multidisciplinary Orthopaedic Oncology council

Biopsy

Follow-up After Treatment

Clinical and radiological follow-up must be performed by 3-month intervals in first year, 6-month intervals in second year and then annually.

Follow-up includes;

- Clinical examination
- MR imaging of the surgical field
- Lung CT
- Positron emission tomography (PET-CT) when required





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Marmara University
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Chief of Orthopedics and Traumatology



Prof. Dr. BÜLENT EROL

Professional Fields of Interest and Speciality:

- Orthopaedic Oncology
- Arthroplasty
- Pediatric Orthopedics

Personal Background

Date of Birth: 1970

Foreign Language: English

Educational Background

Undergraduate : 1988-1994 Hacettepe University School of Medicine

Residency : 1997-2003 Marmara University School of Medicine Orthopedics and Traumatology Department





Fellow Ship Programı : 2002-2003 Pediatric Orthopedics / Orthopedic Oncology in Children's Hospital of Philadelphia (USA)

Fellow Ship Programı: 2009 Orthopedic Oncology, Royal Orthopaedic Hospital, Birmingham (UK)

Assoc. Prof. : 2010 Marmara University School of Medicine Orthopedics and Traumatology Department

Professor : 2015 Marmara Marmara University School of Medicine Orthopedics and Traumatology Department

AssignmentsDomestic:

2006-2010 TOTBİD Pediatric Orthopedics Branch Office Member of Board

2011-2015 TOTBİD Bone and Soft Tissue Tumors Branch Office Member of Board

2011-2017 Orthopedics and Traumatology Department

/ Clinic Health Services Supervisor

Memberships of Scientific Foundations

National

Turkish Orthopedics and Traumatology Union Foundation (TOTBİD)

Turkish Orthopedics and Traumatology Union Foundation Pediatric Orthopedics Branch

Turkish Orthopedics and Traumatology Union Foundation Bone and Soft Tissue Tumors





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Branch

Turkish Orthopedics and Traumatology Union Foundation Bone and Soft Tissue Tumors
Branch Vice Chairman of Board

International

European Pediatric Orthopaedics Society (EPOS)

International Society of Limb Salvage (ISOLS)

European Musculoskeletal Tumor Society (EMSOS)





Orthopedics and Traumatology Team



Prof. Dr. Hasan Hilmi Murath

Fields of Interest: Pediatric Orthopedics, Sports
Traumatology / Arthroscopic Surgery



Assoc. Prof. Dr. Cengiz Eren Cansü

Fields of Interest: Hand Surgery



Assoc. Prof. Dr. Kaan Irgit Süleyman

Fields of Interest: Foot and Ankle Surgery / Traumatology Surgery





Asst. Prof. Dr. Ahmet Hamdi Akgülle

Fields of Interest: Pediatric Orthopedics



Asst. Prof. Dr. Evrim Şirin

Fields of Interest: Orthopedic Oncology



Asst. Prof. Dr. Osman Mert Topkar

Fields of Interest: Shoulder and Elbow Surgery, Sports
Traumatology / Arthroscopic Surgery





Urology

Urologic Oncology

Pediatric and adult patients diagnosed with urological cancers are being successfully treated in Marmara University School of Medicine Urology Department since the day it has been established.

Ürolojik kanser teşhisi alan hastalar hastanede;

Patients diagnosed with urological cancers are treated with a multidisciplinary approach which includes;

- Adult Oncology
- Radiation Oncology
- Diagnostic and Intervential Radiology
- Nuclear Medicine
- Pathology
- General Surgery
- Cardiovascular Surgery
- Chest Surgery
- Pediatric Oncology departments.

Patients are being evaluated with participation of the corresponding departments weekly in Uro-Oncology Council and diagnosis and follow-ups are made by Uro- Oncology Polyclinic associates and residents.



Starting Evaluation (Diagnosis Phase)

-Radiologic evaluation of primary tumor,

- Conventional Radiography
- Magnetic resonance (MR) imaging
- Computered Tomography when needed (CT)

-Staging

- Lung and Abdomen CT/MR
- Whole body bone scintigraphy
- Oncologic PET/CT
- PSMA PET CT (prostate cancer)
- Biopsy

Standart Treatment Processes of Urologic Cancers:

Kidney Cancer

According to clinical stages of patients, nephron sparing surgery / partial nephrectomy, radical nephrectomy and cytoreductive nephrectomy surgeries are carried out with both laparoscopic and open approaches. Patients with vena cava inferior invasion –which is the main venous vessel in the body- are operated with the contribution of Cardiovascular Surgery Clinic if considered necessary. Patient numbers operated in clinic for kidney cancer vary between 80 to 100 annually.





Bladder Cancer

Endoscopic resection (Transurethral Resection-TUR), laparoscopic and open approached bladder excision and new bladder construction with bowel tissue surgeries are carried out according to the clinical stage of the patients. 200-250 patients annually are being operated for the treatment of bladder cancer in clinic.

Complementary chemotherapy or immunotherapy is applied into the bladder if considered necessary in post-operative period of the endoscopic TUR surgery patients.

Access to systemic and immun therapies for metastatic patients evaluated in the Uro-Oncology Council is provided.

Prostate Cancer:

Diagnosis is made through transrectal USG and under anesthesia with standart or saturation prostate biopsy applications in the prostate cancer evaluation phase of patients.

Alongside of the staging of prostate cancer diagnosed patients with standart imaging, PSMA, PET, CT is used for staging if considered necesarry.

Patients diagnosed with prostate cancer are treated by open or laparoscopic radical prostatectomy surgeries, radiotherapy or systemic hormonal and chemotherapy methods according to the clinical stage of the patients.





Testicular Cancer:.

Access to suitable treatment methods are provided after staging for patients diagnosed with testicular cancer, which is the most prevalent urologic tumor in the young male (ages from 15 to 35) population.

To be used for assisted reproductive techniques after treatment; concurrent sperm/tissue preservation (Onco-TESE) procedure is carried out on patients who are operated for testicular cancer.

Open or laparoscopic mass excision and retroperitoneal lymph node dissection surgeries (RPLND) are performed if considered necessary after systemic chemotherapy practice in patients with intraabdominal masses.

Follow-up After Treatment

After treatment follow-ups of patients are made by Uro-Oncology Polyclinic associates and residents

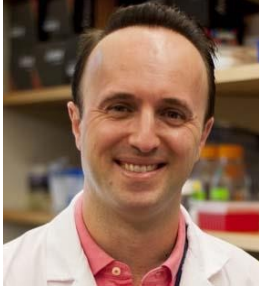




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Urology Clinic Team



Assoc. Prof. Dr. İlker Tinay

Professional Fields of Interest and Speciality: Urologic Oncology, Minimal Invasize Surgery

Personal Background:

Date of Birth: 1978

Foreign Language: English, German

Educational Background

Undergraduate	2003	Istanbul University School of Medicine
Residency	2003-2008	Marmara University School of Medicine Urology Department
Asst. Prof. Dr.	2014	Marmara University School of Medicine Urology Department

Assignments

Training Abroad

- 2005** Humboldt University Charite Virchow Clinic (Clinic Transplantation Training)
- 2007** Heidelberg University Heilbronn Clinic, Germany (Laparoscopy Training)





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2010 Fellow Of European Board Of Urology (FEBU)

2014 Harvard Medical School Brigham And Women's Hospital, Dana-Farber Cancer Institute,
Department (Urooncology Training)

Memberships of Scientific Foundations

National

Urooncology Foundation Bladder Tumor Working Group Secretary





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Urology Clinic Team



Prof. Dr. Ferruh Simsek

Fields of Interest: Pediatric Urology, Reconstructive Urology



Prof. Dr. Haydar Kamil Cam

Fields of Interest: Andrology, Infertility, Benign Prostate Hyperplasia, Quality of Life



Asst. Prof. Dr. Yölören Tanıdır

Fields of Interest: Urologic Stone Surgery, Endourology, Minimal Invasive Surgery





Bone Marrow Transplant Center

Bone Marrow Transplant Center which serves under Marmara University Hematology Department was established in 1989. Both **Autolog** (with the patients own stem cells) and **Allogenic** (with the relative or non-relative donor stem cells) bone marrow transplantations are carried out in the center. With the vast experience of center supervisor and the Head of the Department **Prof. Dr. Tlin Fırathı Tuęlular** and her team, and with the national and international latest scientific data and guidelines, transplantations are carried out. The Center is a member of **EBMT** (European Society for Blood and Marrow Transplantation) and all the data are transferred to **EBMT** and National Databank.

Bone marrow transplantation calls for multidisciplinary approach in preparation, application and follow-up phases. Transplant candidates are multisystematically evaluated and consulted to respective departments in decision making of suitability for transplantation. If Allogenic Transplantation is to be done, tests and consultations are run for evaluating suitability of the donor. If it's decided that there is no objection for patient to have bone marrow transplantation and that he/she will benefit from the transplantation, transplantation preparations start.

Stem cell collection is carried out from the transplant patient in autolog transplantations, and from donor in allogenic transplantations. Collected stem cells are preserved in the nitrogen tanks present in the center until the day of transplantation. Patients are monitored in center within single, efficiently air filtered, sterile rooms before and after the transplantations. Stay after transplantation lasts 2-3 weeks in autolog transplants and 3-4 weeks in allogenic transplants.





Evaluations before transplantations and follow-ups after transplantations are done in Bone Marrow Transplant Polyclinic on Monday and Thursday at 10:30 to 12:30.

At first Examination;

- Physical examinations of the patient and the donor
- Pre-transplantation blood tests
- Consultation for dental examination
- Chest Surgery consultation for indwelling catheter
- Interventional Radiology Consultation for femoral catheter insertion in autolog stem cell patients or allogenic transplant donors
- ECG ve ECHO
- Respiratory Function Test and DLCO
- Treatment and Staying plans for patients
- Consultations for co-morbid diseases





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Adult Hematology Team Supervisor



Prof. Dr. Tülin Fırath Tuğlular

Professional Fields of Interest: Hematopoetic Stem Cell Transplant, Multiple myelom, Paroxysmal Nocturnal Hemoglobinuria, Hematologic Malignities

Personal Background:

Date of Birth : 07.06.1958

Foreign Language : English

Educational Background

Undergraduate: 1981 Ankara University School of Medicine

Residency: 1986 Hacettepe University School of Medicine Internal Medicine Department

Minor Speciality: 1992 Marmara University School of Medicine Hematology Department

Assoc. Prof. : 1996 Marmara University School of Medicine Internal Medicine Department

Professor: 2002 Marmara University School of Medicine Hematology Department





Assignments

Domestic:

2010- Currently Marmara University School of Medicine Head of Hematology Department

2012- Currently Marmara University School of Medicine Hematology Department
Therapeutic Apheresis Center

2015- Currently Marmara University School of Medicine Hematology Department Bone
Marrow Transplantation Center Supervisor

Memberships of Scientific Foundations:

National

Turkish Hematology Foundation

Internal Medicine Foundation

International

European Hematology Association

European Group for Blood and Marrow Transplantation





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Prof. Dr. Işık ATAGÜNDÜZ

Professional Fields of Interest:

Hematopoetic Stem Cell Transplant, Acute and Chronic Leucemia, Lymphoma, Myelodysplastic Syndromes.

Presonal Background

Date of Birth : 11.04.1970

Foreign Language : English

Educational Background

Undergraduate 1995 Istanbul University Cerrahpaşa School of Medicine

Residency 2000 Marmara University School of Medicine Internal Medicine Department

Minor Speciality 2005 Marmara University School of Medicine Hematology Department

Assoc. Prof. 2011 Marmara University School of Medicine Hematology Department

Assignments

Domestic

2005-2006 Marmara University School of Medicine Hematology Department

, Blood Bank Supervisor





2015 Marmara University School of Medicine Hematology Department Bone Marrow Transplantation Center Vice Supervisor

Memberships of Scientific Foundations

National

Turkish Hematology Foundation (THD)

International

European Bone Marrow Transplantation Registry (EBMT)



Assoc. Prof. Dr. Tayfur Toptas

Professional Fields of Interest and Speciality: Hematopoetic Stem Cell Transplant, Acute and Chronic Leucemia, Lymphoma, Myelodysplastic Syndromes, Flow Cytometry.





Pediatric Surgery Department

Dr. Kıyan's specialty is pediatric surgery, but he is performing full time pediatric thoracic surgery and gastroesophageal reflux surgery.

Together with the Department of Pediatric Chest Diseases, Department of Pediatric Surgery constitutes the most advanced center of "Pediatric Thoracic Surgery" in our country. Our Department is also one of the leading international pediatric thoracic surgery centers. Department of Pediatric Chest Diseases is one of the oldest centers in our country and is the most experienced and dynamic center in Turkey.

In our center which has a history of about 20 years, all types of congenital and acquired, structural and functional diseases, benign and malignant tumors of the lung, diseases of diaphragm, chest wall, mediastinum and airways are surgically treated within the scope of pediatric thoracic surgery. These patients are followed in our own intensive care unit in their post-operative period.

This extensive spectrum of pediatric thoracic surgical diseases can be treated with contributions of different pediatric subspecialties especially neonates and gastroenterology, pediatric anesthesia, pediatric cardiac surgery, radiology, perinatology, pathology and many other departments.

Congenital and acquired diseases of the esophagus and gastroesophageal reflux are another outstanding area of interest of our center.

Many of these surgeries are performed using bronchoscopic, thoracoscopic or laparoscopic techniques with the latest technological equipment.





Our center has the widest experience in pediatric thoracic surgery in our country. For example, we have reached a patient experience of more than 2500 in bronchoscopy and over 250 in surgical treatment of gastroesophageal reflux.

Our center has always supported the scientific activities held in the field of pediatric thoracic surgery in Turkey and hosted many meetings in this area.

Surgery is always a team work. Surgery is not just operation. Pre-operative evaluations, preparations and post-operative care and follow-up of patients are at least as important as surgery itself. For this reason, it is very important that the whole team has knowledge and experience in this matter. In our center, these surgeries are being done by Prof. Gürsu Kıyan and his team, and the whole team has extensive knowledge and experience accumulated in this field about 20 years.





Republic of Turkey
Ministry of Health

Marmara University
Istanbul Pendik Education and Research Hospital

Pediatric Surgery Department Team



Prof. Dr. Gürsü KIYAN

Professional Fields of Interests:

Personal Background:

Date of Birth : 15.09.1965

Foreign Language : German, English

Educational Background:

Undergraduate 1983-1989 İstanbul University İstanbul Medical Faculty

Residency 1989-1995 Marmara University School of Medicine Department of Pediatric Surgery

Anatomy PhD 2007 Marmara University School of Medicine Department of Anatomy

Asst. Prof. 2001 Marmara University School of Medicine Department of
Pediatric Surgery

Assoc. Prof: 2004 Marmara University School of Medicine Department of
Pediatric Surgery





Republic of Turkey
Ministry of Health

Marmara University
Istanbul Pendik Education and Research Hospital

Professor: 2009 Marmara University School of Medicine Department of Pediatric Surgery

Assignments:

2009-2010 Vice Dean, Marmara University School of Medicine

Memberships of Scientific Foundations

National

Turkish Association of Pediatric Surgeons

Society for Pediatric Pulmonology

Turkish Thoracic Society

International

European Pediatric Surgical Association

European Society of Pediatric Endoscopic Surgeons





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Marmara University
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Pediatric Surgery Department Team



Prof. Dr. Tolga Dağlı

Fields of Interest: Pediatric Chest Diseases Surgery,
Gastrooesophageal Reflux



Asst. Prof. Dr. Kıvılcım Karadeniz Cerit

Fields of Interest: General Pediatric Surgery, Oncologic Surgery, Neonatal Surgery

