

THE FUTURE OF HEALTHCARE



LIV HOSPITAL HAS RECEIVED CENTER OF EXCELLENCE ACCREDITATION IN THREE BRANCHES

In the beginning of 2013, Liv Hospital has joined the international health sector as a new brand with the claim of being a leader and has been deemed worthy of center of excellence accreditation in 3 branches.

Liv Hospital passed the objective audit performed by the Surgical Review Cooperation (SRC), an international impartial commission, without failure, and were co-authorized by completing the "Center of Excellence" accreditation in robotic surgery, colorectal surgery and obesity surgery branches. Very few institutions can obtain the Center of Excellence Accreditation in the world, and for the first time it was given to an institution outside the USA for the first time by the relevant institution. Liv Hospital achieved a great success by passing the 2-day intensive supervision in the fields of robotic surgery, colorectal surgery, and obesity surgery completely and without error. Liv Hospital has been co-authorized with the title of Center of Excellence in robotic surgery, colorectal surgery and obesity surgery, and proved that it provides equal service to prestigious institutions of the world in these fields.

Why the Center of Excellence?

Firstly, it needs to be proven to the supervisory board the competence of the physician in the relevant fields, specific studies, treating a number of patients equal to the world criteria, complications, re-hospitalization, analysis and functional results of clinical data being equivalent to accredited institutions. Also during the audit, hospitals have to prove patient treatments are planned with joint meetings with other disciplines and nursing services are in a whole with the results and created from the past to the present. Institutionalization and the high quality treatment are also among the basic application criteria. After Liv Hospital met all the application criteria, commission members from the USA inspected for two days.

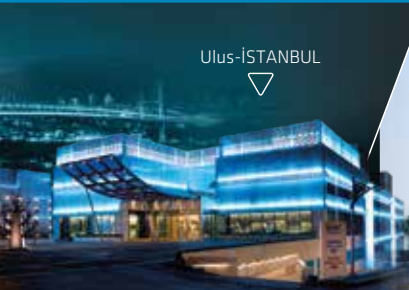
Liv Hospital was inspected in many areas such as, the number of cases performed by surgeons and complication rates, re-hospitalization, re-surgery, complication rates, training and qualifications, their regular symposiums and trainings, assessment of the duties, powers and responsibilities of the relevant people from physicians to nurses, from housekeepers to assistant healthcare personnel, correct consultation and equipment safety of anesthesia and surgical processes, infection control, safe medication usage, patient rooms, emergency room, examination rooms, clinical care standard protocols, consent forms, institutional commitment and support groups, building security.



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LIV HOSPITAL

Ulus-İSTANBUL



Vadistanbul-İSTANBUL



LIV Bona Dea
AZERBAIJAN



LIV DUNA
MEDICAL CENTER



SAMSUN



Çankaya-ANKARA



İstinye Üniversitesi
İSTANBUL



GAZİANTEP



Stop looking for happiness in the future when the best time to be happy is right now. Happiness is not the destination, it is the journey. Many seek happiness higher than man; others beneath him, but happiness is the same height as man.

Confucius

Liv Hospital; gathers a patient-oriented approach, experienced physician staff and multidisciplinary work.

You are safe in

Liv Hospital where advanced diagnosis-treatment methods are used simultaneously with the world...





LIV HOSPITAL

Liv Hospital has been designed with inspiration of self-healing ability of the human body.

Liv Hospital, with its patient-oriented approach, distinguished physician staff, healthcare personnel, medical infrastructure and technology, besides Liv Ulus that attracts attention with its architecture design that inspired by the cell and body organism in Istanbul, Liv Hospital is located in Esenyurt with Istinye University Hospital and in Sarıyer with Liv Vadistanbul which was opened in 2021. Distinguished with its futuristic architecture integrated with art, it offers services with Liv Ankara, Liv Samsun and Liv Gaziantep.

For Liv Hospital, which is inspired by the initials of the Leading International Vision principle at the time of its name, the English word 'live' has also become the most important symbol of its purpose of existence. Liv Hospital referred to the miraculous ability of the human body in its architectural approach as well as in service.

For healthy lifestyle, Liv Hospital Ulus has started to provide service in the beginning of 2013, we think the

Liv Hospital, which serves in Istanbul, Ankara, Samsun, Gaziantep domestically and in Baku and Budapest abroad, continues on its way with its new hospitals.

most important treatment starts with peace. Liv Hospital, where the patient is followed up by specialists and treated with interest and with the advantages of technology; it was opened in Ankara in 2014 and in Samsun in 2017. In addition to Istinye University Hospital in Istanbul, Liv Hospital continues to expand its field of activity with Liv Gaziantep which has been opened in 2020 and expanded its field of activity with Liv Vadistanbul in 2021. Liv Bone Dea Hospital, the 7th branch of Liv Hospital, offers international standard health services to guests from many countries in the region, especially Azerbaijanis. Liv Hospital, which opened its 8th branch as Liv Duna Medical Center in Budapest, Hungary, carries the health of the future to Europe and the Balkans.

Liv Hospital, which stands out with Oncology, Regenerative Medicine, Stem Cell Production Center, Heart Health, Neurosurgery, Orthopedics, Obesity Surgery, Eye Health, Laparoscopic and Robotic Surgery, works for people to live their lives healthier and with better quality.



As Liv Hospital Family, we are more than a hospital with our social responsibility projects, social activities, health schools and exhibitions, as well as our medical achievements.

DIAGNOSTIC AND THERAPEUTIC UNITS

MEDICAL DEPARTMENTS

✓ Emergency Department ✓ Anaesthesiology and Reanimation ✓ Oral and Dental Health Clinic

- Oral Diagnosis
- Oral, Dental and Maxillofacial Surgery
- Prosthetic Dental Treatment
- Restorative Dental Treatment
- Periodontology
- Endodontics
- Pedodontics
- Orthodontics

✓ Pain Management (Algothy)

✓ Nutrition and Diet

✓ Neurosurgery

- Epilepsy Surgery
- Pituitary Tumors Surgery
- Pediatrics Neurosurgery
- Tumor Surgery
- Parkinson's Surgery (DBS)

✓ Healthy Life Programs

- Check-up Clinic

✓ Pediatric Health and Diseases

- Pediatric Endocrinology
- Pediatric Gastroenterology
- Pediatric Hematology
- Pediatric Neurology
- Pediatric Nephrology
- Pediatric Allergy and Chest Diseases
- Pediatric Cardiology
- Pediatric Rumatology

- Pediatric Infection
- Pediatric Brain Surgery
- Pediatric Surgery
- Pediatric Urology
- Pediatric Dermatology
- Child Development Specialty
- Pediatric Oncology
- Child Psychology
- Child and Adolescent Psychiatry

✓ Dermatology

✓ Vascular Surgery

✓ Endocrinology

- Diabetes Clinic

✓ Infectious Diseases

✓ Physical Therapy and Rehabilitation

✓ Gastroenterology

✓ General Surgery

- Colorectal Surgery
- Hepatobiliary Surgery (Liver Diseases)
- Thyroid surgery
- Breast Surgery
- Obesity and Metabolic Diseases Surgery

✓ Geriatrics Clinic

✓ Pulmonary Diseases

✓ Thoracic Surgery

✓ Ophthalmology Diseases

- Refractive Surgery
- Laser Treatment
- Retina
- Prosthetic Surgery
- Glaucoma
- Oculoplasty
- Pediatric Ophthalmology and Strabismus

✓ Hematology

✓ Internal Medicine

✓ Obstetrics and Gynecology

- Gynecological Oncology
- Perinatology
- Urogynecology
- Menopause Clinic
- Reproductive Health Clinic/IVF
- Adolescent Health

✓ Cardiology

✓ Cardiovascular Surgery

- Adult Heart Surgery
- Pediatric Cardiac Surgery

✓ Bone marrow center

✓ Otorhinolaryngologic Diseases

- Head and Neck Surgery
- Rhinology
- Otoneurology
- Pediatric Otolaryngology Facial Plastic and Reconstructive Surgery
- Dizziness Clinic
- Voice, Speech and Swallowing Disorders Clinic

✓ Medical Oncology

✓ Nephrology

- Hypertension Clinic

✓ • Neurology

- Movement disorders
- Memory Clinic
- Headache Clinic
- Epilepsy Clinic

✓ Nuclear Medicine

- Radionuclide Center
- Scintigraphy Examinations
- Intraoperative gamma probe application
- Carbon 14 (C-14) Urea Breath Test
- Positron Emission Tomography (Pet-bt)
- Radionuclide Treatments
- Radioactive Iodine Treatment
- MIBG Treatment
- Microsphere Treatment in Liver Tumors

- Treatment with Lutetium-177 (Lu-177) Labeled Compounds

- Treatments of metastatic bone diseases
- Radionuclide

✓ Synovectomy-Isotopes Used in Arthritis Treatment

✓ Organ Transplant Center

- Kidney Transplant

Orthopedics and

Traumatology

- Spine Surgery
- Knee Diseases and Arthroscopy
- Foot and Ankle
- Hand and elbow

- General Orthopedics
- Pediatric Orthopedics
- Musculoskeletal Tumor

✓ • Shoulder Diseases

✓ • Sports Injuries

Plastic and Reconstructive Surgery

✓ Psychiatry

✓ • Child Psychiatry

Psychology

Radiation Oncology

- Mr Linac

✓ • Intraoperative Radiotherapy (IORT)

- Brachytherapy

✓ Regenerative Medicine and

✓ Stem Cell Center

Rheumatology

Urology

- Urooncology
- Prostate Diseases
- Andrology

✓ • Pediatric Urology

- Endourology and Calculus Diseases

Intensive Care Units

- General Intensive Care
- Newborn Intensive Care
- Cardiovascular Surgery Intensive Care
- Coronary Intensive Care
- Pediatric Intensive Care

DIAGNOSTIC AND THERAPEUTIC DEPARTMENTS

✔ Apheresis

✔ Allergy Tests

✔ Vascular Surgery

- Nd: YG LASER

✔ Varix Clinic

✔ Cosmetic Dermatology and Aesthetics Center

- Er: YG LASER
- Pulse Dye Laser (PDL)
- Q-SWITCHED Laser
- CO2 Fractional Laser
- Radiofrequency
- Coolifting
- Radiofrequency with Golden Needle (Scarlet)

✔ Endoscopy Laboratory

- ERCP
- Gastroduodenoscopy
- Colonoscopy,
- Fibroscan
- Double Balloon Endoscopy
- Rectoscopy
- Endosonography
- Duodenoscopy
- Motility

✔ Genetic Diagnosis Center

✔ Ophthalmology Diseases

- Femto Laser
- Smile Laser
- SLT-FAT Laser
- Argon Laser
- Excimer Laser
- OCT (Optical Coherence Tomography)
- Computed Visual Field

✔ Pulmonary Diseases

- Diagnostic Bronchoscopy EBUS
- Therapeutic Bronchoscopy APC
- Stent
- Electrocautery
- Endobronchial Valve

Heart Health

- Virtual Angio (CT)
- Coronary Angiography
- 4D Eco-Cardiography
- Exercise Stress Test
- Holter Monitoring
- Electrophysiology

✔ Clinic Laboratories

- Endocrinology
- Hematology
- Microbiological
- Serology
- Molecular Biology
- Clinic Biochemistry

✔ Stem cell

- Laboratory from GMP Standards
- Production Laboratory
- Quality Control Laboratory
- Microbiological Analysis Laboratory
- Flow Cytometry Laboratory

✔ Microbiota Laboratory

✔ Neurology

- EEG
- EMC
- Long Term EEG Imaging
- Neuronavigation

✔ Nuclear Medicine

- PET CT
- Breast PET
- Gamma Camera
- Radionuclide (Lithium -Samarium - Iodine Applications)

✔ Audiology and Balance

- ABR (Auditory Brainstem Response)
- Bera (Vemp + Arris) test
- Otoacoustic Emission
- Vorteq Test (Dynamic Visual Efficiency Research)
- Electronystagmography / Vestibular Balance Test (Dizziness Test)

✔ Pathology

- Histopathology
- Fluorescence Microscopy
- Histochemistry
- Intraoperative Pathology Consultation (Frozen)
- Immunohistochemistry
- Cytopathology
- Exfoliative Cytology
- Fine Needle Aspiration Cytology
- Thin - Prep Reviews
- Cytochemistry

✔ Radiology

- 3 Tesla (Whole Body) MRI Computed
- Tomography (256 Slice)
- Interventional Radiology

- Vascular Applications
- Neurologic: BI-Plan DSA

- Digital Fluoroscopy
- Digital X-Ray
- Digital Mammography
- Bone density
- Digital Panoramic Cephalometric X-ray
- Color Doppler Ultrasonography
- 4D Real Time Doppler USG

✔ Robotic Surgery Center

- Cancer surgery
- General Surgery Cancers
- Gynecological Cancers
- Urological cancers
- Lung cancer
- Heart Surgery
- Knee Surgery
- Hip Surgery

✔ Urology

- Cystoscopy
- Urodynamics
- Uroflowmetry
- Holmium Laser Stone Crushing
- Prostate Fusion Biopsy
- Thulium Fiber Laser
- Focal HIFU
- Nanoknife
- Holmium Laser
- Fusion Biopsy
- Flexible Ureterscopy Robot (Stone Crushing Robot)

PATIENT CARE APPROACH



The appointment tracking and planning at Liv Hospital is carried out by "Guest Relations". With a single button, patients and their relatives can easily access all the services they may need via the digital display in the rooms with VIP quality service and the latest technology.

"Guest Services" department is created with the idea of making patient and patient relatives feel at home and welcomes our patients at door. Guest Services accompany patients and their relative during every stage in the hospital. Offering a range of services from the first step in the hospital to the exit from the hospital and

"Liv Hospital; makes a difference with its guest services and patient care approach as well as its treatment approaches."

Decreasing hospitalization period and accompanying the patients until they fully recover lie in the heart of patient care.



SECURE VE QUALITY NURSING

At the basis of the nursing care process, there is evidence-based, up-to-date nursing practices specific to patient needs. Private, safe, quality and friendly nursing care is always provided with a patient-oriented approach. Liv Hospital aims to be a reference center at national and international level in the fields of education, management, research and care, which are the four basic roles of nursing..

Leader in care Partner in health

Liv Hospital
“Leader in care partner in health”
slogan. It includes patients and
their relatives in the treatment
and care process.

CANCER CENTER

Tumor Council

Cancer cases in Liv Hospital are handled with a multidisciplinary perspective. The patients are examined by doctors specialized in different fields and a common treatment protocol is applied. Thus, the treatment of the patient is approached with a holistic approach.

Genetic researches contribute the most in cancer treatment. Liv Hospital create personal genetic maps and aims for earliest intervention with preventative medicine service. Additionally, the patient's family, who are at risk, are investigated with family screening service. All of these investigations are crucial for early diagnosis of cancer.

SECOND OPINION

There could be different opinions while evaluating images and pathological examinations of cancer patients. Therefore, regardless of the diagnosis, when there is a suspicion of cancer, a second opinion is very important. In Liv Hospital Cancer Center, everyone who has been diagnosed or whose treatment is ongoing, can have a second opinion by doctors specialized in their fields..

SUPPORT PROGRAM FOR CANCER JOURNEY

Liv Hospital invites everyone who has just been diagnosed or whose treatment is ongoing to "Support Program for Cancer Journey". People who survived cancer and clinical psychologists accompany people in the treatment process in support groups held every Thursday. Participants share their stories, experiences, and what they have learned and they also support each other, and inspire each other. Others fight could give you hope, because life is beautiful...



"In Liv Hospital CancerCenter with individualized cancer treatment *personalized treatment* approach is adopted. With family screening in the center, family members at risk of cancer are identified.

MR LINAC VERSA HD

MR Linac hits the tumor directly

In 2020, UnityMR Linac, which is very rare in the world, is being used in Liv Hospital Ulus Radiation Oncology Clinic. MR LINAC radiotherapy, which is called smart radiotherapy and is the latest technology; is applied while the patient is under the MR image, allowing the tumor to be shot from exactly 12. MR Linac can detect even mobile tumors and ensure the position accuracy by taking fast and clear images during treatment, irradiates defective cells without damaging healthy tissues. This method can be used for every tumor in the body, especially lung, prostate, intra-abdominal tumors, liver tumors and metastases, pancreatic cancers.

LINAC

In Liv Hospital, Linear accelerators are effectively used in the treatment of almost all cancers, are modern radiotherapy devices that work with high dosage of x-ray. It is very important to choose the right device for the cancerous tissues to receive the most intensive treatment dose while protecting normal (healthy) tissues during the treatment. Especially before and during treatment, Linacs, equipped with 3 and 4 dimensional image-mediated systems allow patient positioning with millimeter accuracy and they set the current standard for correct application of radiotherapy.

BRACHYTHERAPY

It is a form of treatment applied by bringing radioactive sources close to the tumor. It is frequently used successfully in the treatment of gynecological cancers (uterus, cervix, vagina), lung cancer and skin cancers. Nowadays, brachytherapy can be applied in 3D with imaging methods based on section anatomy such as computed tomography and magnetic resonance. The widespread use of 3-dimensional brachytherapy increases the success and decreases the side effects.

RADIATION ONCOLOGY

The aim with radiotherapy is getting rid of the cancer cells or preventing cells from dividing. 70% of cancer patients need radiotherapy at some point of their treatment. The radiotherapy method can be applied solo in cancer treatment, as well as before or after surgery, together with chemotherapy or sequentially. One of the important factors that ensure success in radiotherapy is the device technology. MR Linac, one of the radiotherapy treatments, is used in Liv Hospital.



**KANSER
KLİNİĞİ
CANCER
CLINIC**

CANCER CENTER



CANCER SURGERY

The success of the operation is not only measured by the patient getting rid of the disease. Post operative recovery and increase in life quality are results of a successful operation. Liv Hospital uses laparoscopic and robotic surgical treatment options in cancer surgeries. Thus, patients recover quicker.

- Brain Tumors
- Head and Neck Tumors
- Thyroid Cancer
- Lung Cancer
- Breast Cancer
- Spine Tumor
- Digestive System Cancers (Esophagus - stomach - colorectal - pancreas)
- Liver and biliary tract cancers
- Gynecologic Oncological Cancers
- Urooncological Cancers

“Liv Hospital identifies family members at risk with its family screening service.”

IMMUNOTHERAPY

Immunotherapy, which is a new dimension of cancer treatment, aims to boost the immune system, to help the body defeat cancer itself. Immunotherapy medicine is given into a vein with serum just like chemotherapy. They are the most important medicine for malignant melanoma, in other words, mole cancer. It is used as the first choice in non-small cell lung cancer in progressive disease after chemotherapy. Third usage area is kidney cancer. When medication fails again, the second choice is immunotherapy. Fourthly, it is used in lymph cancers (Hodgkin's disease).

ARTIFICIAL INTELLIGENCE

The doctor automatically creates patient's oncological treatments, as chemotherapy or other smart drug treatments, in seconds with a few clicks. Later, after being checked and approved, all days that the patient will come for treatment are automatically calculated and presented to the doctor, nurse and patient. In this way, our patients and other healthcare professionals save great time.

MEDICAL ONCOLOGY

Medical oncology, which is used as a treatment method in brain tumors, lung, prostate, colon, rectum, stomach, pancreatic, breast and gynecological cancers, applies chemotherapy. Chemotherapy, which is the destruction of tumor with medication, can be given, into a vein, hips, intra-abdomen, and by mouth. While applying an effective treatment, which is important in chemother-

apy, the patient protecting from the side effects Liv Hospital Medical Oncology Department aims preventing the spread of cancer by protecting the patient, slowing it down and cleaning the remaining tumors after surgery-radiation in chemotherapy treatment which is prepared by specialist medical oncologists.



**KANSER
KLİNİĞİ
CANCER
CLINIC**

“In the Cancer Center with individualized cancer treatment personalized treatment approach is adopted. In Liv Hospital, where cancer surgery is available, great importance is given to intensive care support. With the physician competence, advance intensive care and appropriate technology, the patient is discharged in a short time. With family screening in the center, family members at risk of cancer are identified.”

INDIVIDUALIZED CANCER TREATMENT

All characteristics of the patient such as genetic characteristics, characteristics of the tumor, age and gender are of great importance for treatment. Liv Hospital Cancer Center also applies the treatments by taking all these features into consideration.



HIPEC

Hyperthermic intraperitoneal chemotherapy, HIPEC, is a hot chemotherapy treatment method applied directly to the abdomen during the surgical operation.

Unlike systemic chemotherapy that circulates / spreads throughout the body, HIPEC only penetrates cancer cells in the abdomen. With this method, higher doses of chemotherapy can be applied. abdomen after surgery.

When the solution is heated / warm, it increases the absorption rate of chemotherapy drugs in cancer cells and enables the removal of microscopic cancer cells remaining in the

PAIN MANAGEMENT (ALGOLOGY)

Pain Management Clinic aims to control cancer related pain and offer a better quality life for the patient. The clinic helps patients to continue their treatment without compromising from quality of life.

BONE MARROW TRANSPLANT CENTER



TRANSPLANT TYPES

- ✓ Autologous (Transplant from the patients themselves)
- ✓ Allogeneic (Transplantation from sibling, mother, father, unrelated donors)
 - Haploidentical (Semi-appropriate; mother, father, sibling)
 - Unrelated (Transplant from unrelated donor)

STEM CELL SOURCES

- ✓ Bone Marrow
- ✓ Peripheral Blood
- ✓ Cord Blood

LIV HOSPITAL KIT CENTER

- ✓ With experienced staff (> 1000 transfers)
- ✓ Latest technology and HEPA filtered rescue chambers with 12-bed.

SUCCESSFULLY TREATED DISEASES WITH STEM CELL TRANSPLANTATION

- ✓ Leukemia (blood cancers such as AML, ALL, KML)
- ✓ Lymphoma
- ✓ Multiple Myeloma
- ✓ Aplastic Anemia
- ✓ Myelodysplastic Syndrome
- ✓ Solid Tumors (organ cancers such as, Testis, Ewing Sarcoma)
- ✓ Immunodeficiency
- ✓ Some Metabolic Diseases

THE HIGHEST LEVEL STEM CELL

- ✓ Sorting CD34 (+) cells
- ✓ Reduction of lymphosits
- ✓ Reduction of CD3 ve CD19 cells
- ✓ Sorting NK cells
- ✓ Donor Lymphocyte infusion
- ✓ GVHD treatment using Mesenchymal Stem Cells

PAIN CLINIC (Algology)

The Pain Clinic aims to control chronic pain such as head, neck, waist, back, shoulder and knee and enable the patient to live his or her best life.

WHAT PAINS ARE TREATED?

- ✓ Waist-leg pain due to lumbar disc herniation and neck-arm pain due to cervical disc herniation
- ✓ Neck and back pain due to fibromyalgia
- ✓ Migraine and tension headaches
- ✓ Pain due to shingles
- ✓ Cancer pain
- ✓ Pain due to spinal cord injury,
- ✓ Due to postoperative fibrosis in the waist or neck area
- ✓ Pain due to nerve root compression
- ✓ Phantom pain resulting from arm and leg amputation
- ✓ Peripheral neuropathy pain caused by reasons such as diabetes
- ✓ Pain due to peripheral vascular diseases caused by circulatory failure



REGENERATIVE MEDICINE AND STEM CELL PRODUCTION CENTER



OUR PURPOSE

Believing in the importance of interdisciplinary cooperation, we aimed to offer our patients cellular products within the framework of scientific and ethical rules in this way we started with scientists and physicians who have made important contributions to universal science in the field of cellular therapy.

Today, modern medicine is the most important treatment option in stem cell and cell therapy area where the dazzling development comes true, as Liv Hospital we are the first hospital who produces standard cellular therapy products in Turkey in conditions that the Ministry of Health certified and by international standards.

APPLICATIONS APPROVED BY THE MINISTRY OF HEALTH

- ▷ Cerebral Palsy (CP)
- ▷ Autism Spectrum Disorder (ASD)
- ▷ Covid-19 Pneumonia
- ▷ Idiopathic Pulmonary Fibrosis (IPF)
- ▷ Chronic Obstructive Pulmonary Disease (COPD)
- ▷ Diabetic Foot Injuries
- ▷ Peripheral Artery Diseases
- ▷ Spinal Cord Injury
- ▷ Traumatic Brain Injury (TBI)
- ▷ Hypoxic Ischemic Encephalopathy (HIE)
- ▷ Spino-cerebellar Ataxia (SSA)
- ▷ Friedreich's Ataxia (FA)
- ▷ Duchenne Muscular Dystrophy (DMD)
- ▷ Cystic Fibrosis (CF)
- ▷ Treatment of Ischemic Cardiac Diseases
- ▷ Autoimmune Encephalitis (OE)
- ▷ Miyoshi Myopathy Limb-Girdle Muscular Dystrophy (LGMD)
- ▷ Multiple Sclerosis (MS)
- ▷ Stroke
- ▷ Congenital Progressive Myopathy
- ▷ Optic Atrophy
- ▷ Retinitis Pigmentosa (RP)
- ▷ Erectile Dysfunction
- ▷ Ovarian Failure
- ▷ Scleroderma (Systemic sclerosis)
- ▷ Subacute Sclerosing Panencephalitis (SSPE)
- ▷ Crohn's Disease
- ▷ Short Bowel Syndrome

REGENERATIVE MEDICINE, STEM CELL CENTER APPROVED CLINICAL INDICATIONS THAT MAY OFFER TREATMENT OPTIONS;

- ▷ Peripheral Artery Diseases (such as Burger disease)
- ▷ Chronic Critical Limb Ischemia and Foot Ulcers
- ▷ Cartilage Degenerations
- ▷ Soft Tissue Wound Treatment
- ▷ Plastic Surgery Applications, Surgical Wound Repair
- ▷ Reconstructive Applications (Breast Reconstruction)
- ▷ Supportive Treatments Requiring Immune Therapy (such as graft versus host disease)
- ▷ Repair of Tendon Damage
- ▷ Repair of Burns, Injuries and Scars
- ▷ Cosmetic Applications
- ▷ Rejuvenation and Tightening of the Skin
- ▷ Hand Cosmetics
- ▷ Bone and Soft tissue Traumas of the Face
- ▷ Maxillofacial Surgery Applications
- ▷ Hair Restoration-(Hair loss)





HEART HEALTH



THREE DIMENSIONAL MAPPING SYSTEM

The 'Three Dimensional Mapping System' process used in Liv Hospital, which shows the dissipation of electricity, is of great importance for diagnosing the region where the anomaly is present. This procedure makes it easier to treat more complex rhythm disorders.

CARDIOLOGY

With the treatment of heart anomalies, which are vital in the Cardiology Department, rhythm disorders seen at all ages are eliminated with modern treatment methods.

ELECTROPHYSIOLOGICAL CATHETER ABLATION

With the Electrophysiological Catheter Ablation Method, it is aimed to eliminate the anomaly that causes rhythm disturbance in the heart by radio frequency wave or by freezing. In children, the risk of complications is reduced by using freezing method.

CARDIAC PACEMAKER TREATMENT IN HEART FAILURE

Two different pacemaker treatments give hope for patients who have resistant heart failure. Cardiac resynchronization therapy with a three-wire pacemaker significantly improves the performance of the heart in patients with intra-cardiac electrical delay. The other one is the treatment method called cardiac contractility modulation, which directly increases the contraction force of the heart muscle due to a special stimulation.

INTERVENTIONAL CARDIOLOGY (STENT OPERATION)

In patients with stenosis in the heart vessels after coronary angiography performed into the wrist, treatment can be provided with a stent procedure performed with local anesthesia in approximately 30 minutes.

ANGIOGRAPHY

In Liv Hospital, balloon and stent procedures are performed into the arterial pulse in the wrist. Patients can stand up immediately after angiography into the wrist, and can be discharged in a short time without the risk of bleeding.

TAVI(TRANSCATETER AORTIC VALVE IMPLANTATION)

In patients with severe AORT valve stenosis, old age, or high risk for surgery, non-surgical valve replacement is possible with the TAVI method. In the TAVI procedure performed by entering the inguinal vein, the risks of the patient that may develop due to surgery may decrease, and the patient can be discharged in a short time after the procedure.

INTRAVENOUS IMAGING

Using advanced technologies, three-dimensional imaging (optical coherence tomography) can be performed within the coronary vessels, thus stenting procedures are carried out with every single detail. FFR measurement can be determined in advance with the benefit of stenting procedures.

4-DIMENSIONAL ECOCARDIOGRAPHY

In the diagnosis of valvular diseases and congenital heart diseases, it is possible to obtain a heart image similar to the image seen with the eye in open heart surgeries with 3-4 dimensional cardiac imaging.

EVAR TEVAR APPLICATIONS

In cases of aneurysm caused by the expansion of the aortic vessel coming out of the heart in the chest cavity and parts of the abdomen, with the closed method, he widened part entering into the groin is repaired by placing an artificial vein.

“Your heart, which keeps
millions of cells alive, is safe
with Liv Hospital physicians.”





HEART HEALTH

CARDIOVASCULAR SURGERY

“In the Cardiovascular Surgery Department, coronary bypass surgery, heart valve repairs, AORT aneurysms treatment and rhythm disorders are treated, and bypass surgery is performed with Robotic Bypass surgery without opening the chest.”

CORONARY BYPASS OPERATION

The main treatment method in coronary artery disease, also known as heart spasm, is coronary bypass surgery. Patients who are diagnosed early and operated without a heart attack benefit from this treatment at the highest level. It is life-saving for those who have a heart attack. The widespread use of arterial grafts allows positive results for many years. While operations are performed with standard incision, suitable patients or small incision and / or robotic surgery techniques significantly reduce the duration of hospital stay.

ROBOTIC PERIOD IN HEART SURGERY

In this surgery, which can be performed with the help of a robot, it is entered through small incisions from the side without opening the chest. Chest vein is prepared for bypass. Surgery is performed with a 4-5 cm incision made under the breast. The hybrid approach involves placing a stent in 1 or 2 vessels of the patient and bypassing the other vessel with a robot. Robotic surgery can also be used in heart valve surgeries. Especially in mitral valve repairs, approximately 4 or 5 small holes are entered into the chest thus the operation is performed. The operation is completed without breaking the integrity of the rib cage.

TREATMENT OF RHYTHM DISORDERS

At Liv Hospital, the rhythm problem in patients who will undergo heart surgery can be treated simultaneously with heart surgery, and its recurrence can be prevented with a high success rate after surgery. When there are only heart rhythm problems, we prefer the approach with small incisions and successful treatment is applied to the working heart. With this surgical treatment, patients are protected from embolism that cause postoperative paralysis.

CARDIAC SURGERY IN CHILDREN

The majority of heart diseases in childhood is congenital. We perform pediatric heart surgeries with high success rates and with an experienced anesthesia team and intensive care support as well as an experienced surgical team. Liv Hospital Cardiovascular Surgery Team has the experience and knowledge to successfully perform the surgical treatment of congenital heart diseases.

AORT CENTER

Non-operative treatments:

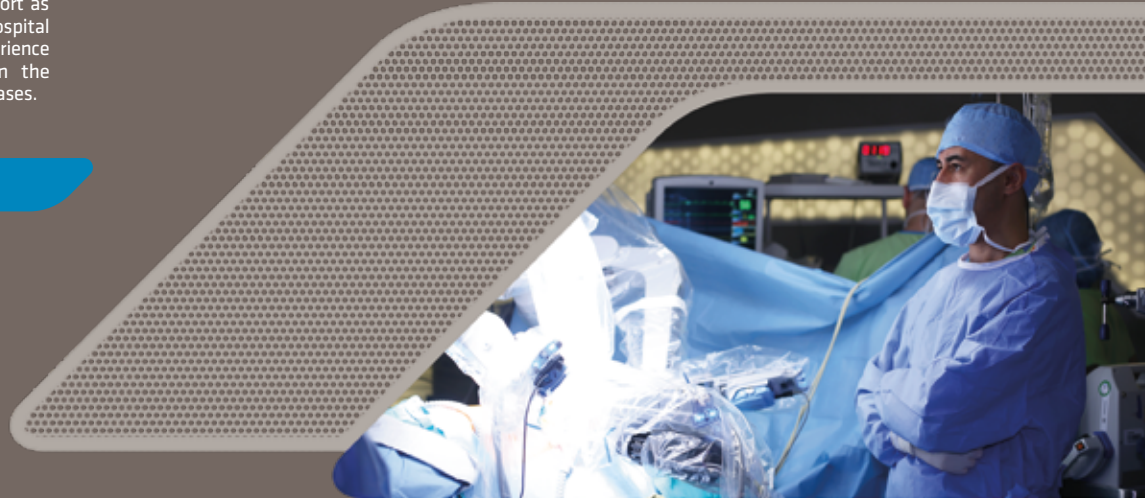
- Artificial aortic valve placement with percutaneous (vascular access)
- Bubble (aneurysm)
- Separating the layers from each other (dissection)
- Birth narrowing (coarctation)
- Obliteration
- Ruptures (tears)

AORTIC ANEURYSM AND DISSECTIONS

When aortic aneurysm is diagnosed, the most important treatment alternative is surgical intervention. With surgery, the ballooned diseased aortic wall is removed and an artificial vein is placed in its place. Liv Hospital successfully performs aortic valve conserving surgery and surgical treatment of aortic dissections.

SURGICAL TREATMENT OF HEART VALVE DISEASES

Surgical intervention is required to repair or restore the cardiac valve. In all patients with suitable valve structure, heart valves can be saved with necessary repair procedures without replacing. All kinds of surgical repair techniques for all heart valves are applied in Liv Hospital.



GYNECOLOGY



Liv Hospital is with women in all diseases related to women's health, pre and post pregnancy, changes in menopause period and gynecological cancer cases that are every woman's nightmare.



“Gynecological Oncology, creates new miracles in life with high-risk pregnancy and IVF treatments, Liv Hospital has been addressing women's health with all its processes since adolescence.”

PERINATOLOGY

Perinatology (High-risk pregnancy) is a branch that focuses on the lives of around 140 thousand mothers and babies every year. It steps in during the 28 days after pregnancy and birth. People who are likely to have a high risk pregnancy should also take measures to evaluate risk factors before getting pregnant. Patients apply Perinatology Department with the guidance of obstetricians. In the Perinatology Department, mother and baby are followed up regarding pregnancy and baby.

MENOPAUSE AND HEALTHY LIFE CLINIC

Menopause is an important changing point in women's lives due to the systemic, biological and psychological changes it causes. At the Menopause and Healthy Lifestyle Clinic, it is aimed to make this period productive and active in a healthy way.



GYNECOLOGICAL ONCOLOGY

In the Gynecological Oncology Department, laparoscopy for the diagnosis of female reproductive organ cancers, pap smear tests that every woman should have once a year, gynecological ultrasound and breast screening are routinely performed. After the diagnosis, treatments are carried out by physicians experienced in endoscopic and robotic surgery. The department stands out with the most suitable surgical applications for the patient in the field of uterine and cervical cancer and ovarian cancer.



ADOLESCENT GYNECOLOGY

Another area that the Department of Women's Health attaches importance to is adolescent gynecology. Besides following up puberty development, menstruation of girls and regulation of vaccines are planned especially for protection from cervical cancers, services such as, treatment and diagnosis of bleeding disorders, hair growth are also provided.

HIGH RISK PREGNANCY AND BIRTH

Hastaneye gelmenin en güzel yanidir gebelik... Pregnancy is the best part of visiting the hospital... Liv Hospital Women's Health Department is aware how special this period is, they also make sure expectant mothers feel at home. In high-risk pregnancies, they raise awareness of expectant mothers, and their follow-up is carried out during pregnancy as well. Liv Hospital supports the mother and baby to complete this process in a healthy way.

Also in the department; services such as, gynecological bleeding, the treatment of sexually transmitted diseases, sexual dysfunction and ovarian cysts are provided.



IVF CLINIC

Liv IVF Clinic

Liv IVF Clinic aims to provide IVF treatment with high pregnancy and live birth rates with experienced and friendly staff who attach importance to teamwork, and equipment with advanced technology.

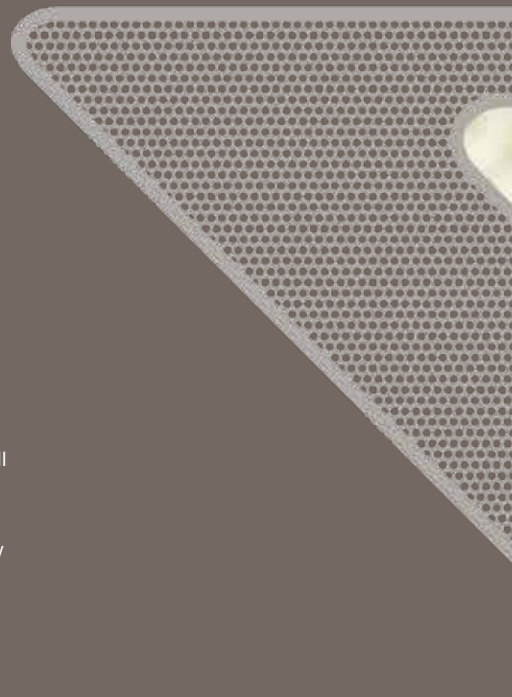
In cases of azoospermia without viable sperm cells, it has become possible to find sperm and obtain pregnancy with the Micro TESE method. While continuously monitoring embryos in advanced incubators, stabilization and quality control under laboratory conditions play an important role in success.

In our laboratory with high technological infrastructure, sperm selection for egg fertilization is made by enlarging 6500-8000 times with the method called IMSI instead of the classical 200-400 times enlargement. In cases of male infertility, sperm selection with normal DNA integrity can be performed with using microchip.

When couples have genetic problems, we examine all chromosomes before transferring embryos with the aCGH (Comprehensive Chromosomal Screening) method and transfer the intact ones. Intrauterine pathologies and abdominal problems that negatively affect the success of IVF treatment are corrected with endoscopic surgery, thus, pregnancy rates are increased.

ENDOSCOPIC SURGERY

Abnormalities such as intrauterine polyps, synechiae and septum that may negatively affect success can be removed by hysteroscopy. Especially hydrosalpinx and endo-metrioma, elimination of intra-abdominal pathologies involving the tubes and ovaries increases the rate of pregnancy and live birth and decreases pregnancy loss rate.



BLASTOCYST TRANSFER (Blastocyst Culture)

By taking the embryo development to the last stage before attachment, it is possible to select the embryos with the highest potential of attachment. Multiple pregnancies can be prevented by transferring fewer embryos with high growth potential and viability.

SELECTED SPERM INJECTION WITH HIGH MICROSCOPIC ENLARGEMENT

When there are serious disorders with sperm count, movement and morphology, sperm selection is performed with high-magnification microscopes (by enlarging 6500-8000 times).

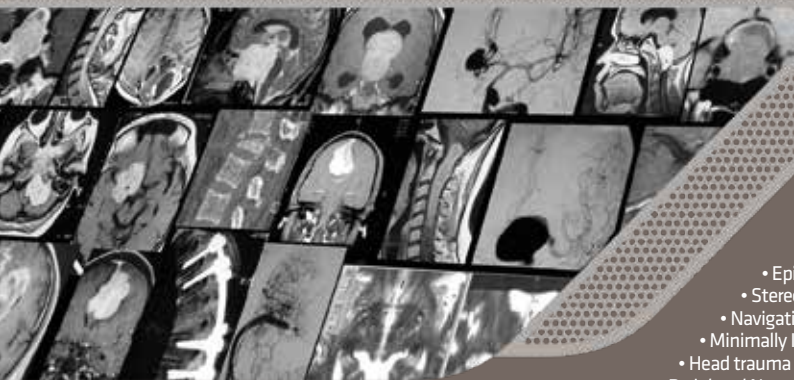
PREIMPLANTATION GENETIC DIAGNOSIS (PGD)

It will increase the rate at which genetically intact embryos are selected and transferred, as well as reducing the rate of miscarriage. With the ACGH method, all 23 pairs of chromosomes can be examined.



“Liv IVF clinic,
aims to reach high fertility and live birth
rates in the light of new developments
in IVF treatment.”

NEUROLOGICAL SCIENCES



DISEASES TREATED IN THE BRAIN AND NERVE SURGERY DEPARTMENT

- Brain Tumors (Intraoperative Fluorescence and Navigation Guided Tumor Surgery)
- Spinal Cord, Spine and Peripheral Nerve Tumors
- Brain and Spinal Cord Surgical Vascular Diseases (Vascular Neurosurgery Applications with Intraoperative ICC Angiography in Lesions, Cerebral Hemorrhage, Embolism, Aneurysm, Arteriovenous Malformations, etc.)
- Pituitary Surgery (Microscopic, Endoscopic)
- Pediatric Neurosurgery
- Functional Neurosurgery (Parkinson's Disease Surgery - Deep Brain Stimulation, Dystonia, Tremor, Trigeminal Neuralgia, Hemifacial Spasm)
- Epilepsy Surgery
- Stereotaxic / Navigational Biopsy
- Navigation Guided Minimally Invasive Microscopic / Endoscopic Surgery
- Minimally Invasive Spine Surgery (Waist and Neck Hernia, Narrow Canal and Slips)
- Head trauma vs Spinal Trauma
- Peripheral Nerve Surgery (Nerve Entrapment and Trauma)

NEUROSURGERY

Liv Hospital Brain and Nerve Surgery Department treats all surgical neurological diseases that can be seen in adult and pediatric patients. Within this scope, especially brain operations, spinal cord and pituitary tumor operations are performed with a special surgical microscope and endoscope in company with intraoperative navigation and fluorescence. Likewise, cerebrospinal vascular diseases are performed with intraoperative ICC angiography.

PEDIATRICS NEUROSURGERY

In Liv Hospital Neurosurgery Clinic, diseases such as congenital anomalies, hydrocephalus, spina bifida (open, closed), childhood brain-spinal cord tumors are treated with the latest technological methods.

NEURORADIOLOGY

In the Neuroradiology Clinic, closed (intravenous) treatment is performed for many vascular diseases in the brain and neck vessels, which does not involve open surgery. Closed treatments are performed for aneurysm, commonly known as cerebral vein bubble, arteriovenous malformation, known as glomerulus, and carotid stenosis, also known as carotid artery stenosis.

NEUROLOGICAL SCIENCES

In addition to being allocated to Neurological Sciences, Headache Clinic and Memory Health Clinic, it stands out at Liv Hospital with its advanced treatments for neuropathic pain, tumors, muscle-nerve diseases and motility disorders. Common complaints such as dysmnnesia, headache, and muscle loss can indicate a serious or chronic condition. Liv Hospital Neurological Sciences Center diagnoses and treats such complaints and keeps the patient informed of the latest developments.

“Neurological Sciences stand out with their treatments for neuropathic pains, tumors, muscle and nerve diseases, movement disorders.”



MOVEMENT DISORDERS CLINIC

Current medical treatments are applied to Parkinson's Disease and other movement disorders, cases requiring surgical treatment are determined in cooperation with Neurosurgery, and they are followed up after surgical treatment. Parkinson's patients are followed up with Neurosurgery, Psychiatry, Physical Therapy and Rehabilitation units, and they resolve the signs and symptoms other than slowing in motion seen in these diseases. Botulinum toxin injections can also be applied in cases such as hemifacial spasm, blepharospasm, cervical dystonia, and dystonia.

DBS TREATMENT IN PARKINSON

If there is no response to Parkinson's treatment despite the use of multiple medications, surgical implantation of a deep brain stimulator (brain pacemaker) should be considered. This device consists of electrodes placed using special targeting methods in the output areas of abnormal electrical impulses as a result of the dopamine deficiency that causes the symptoms.

of the disease, and an adjustable power source connected to these electrodes. During the surgery, a special metal frame called a stereotaxy frame is attached to the patient's head under local anesthesia to reach the deep brain structures.

NEURO CHECK-UP (MEMORY CLINIC)

With Neuro Check-Up, it is also possible to identify diseases such as brain tumors and brain aneurysms that can be treated at an early stage, and plan a multi-disciplinary treatment with a specialist team. Neuro Check-Up; includes detailed neurological and systematic examination, detailed biochemical tests in which routine and some parameters specific to the nervous system are examined, ECG, chest X-ray, ECHO cardiography and doppled doppler ultrasonography of the brain vessels, brain MRI, short neuropsychometry test and EEG, EMG and other MRI examinations for patients when it is required. The Neuro Check-Up, which is suitable for individuals of all ages, is completed in one day, once a year. It is evaluated by a council of neurologists, neuroradiologists and neurosurgeons.

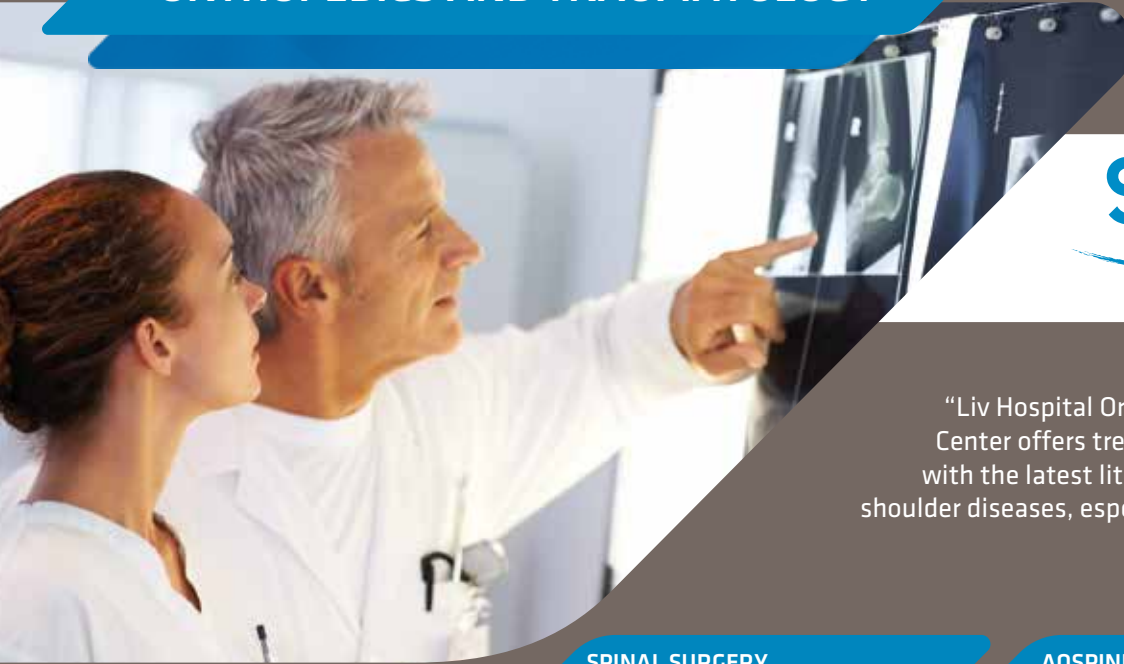
HEADACHE CLINIC

In Liv Hospital, advanced technologies such as brain MRI, MR angiography, MR spectroscopy, multi-detector CT and PET are used to accurately diagnose rare life-threatening headache conditions such as brain tumors and aneurysms. For diseases such as migraine, which reduce the quality of life, medication therapies and additional applications are used.

EPILEPSY CLINIC

Epilepsy Clinic offers personalized treatment for each patient. In the Liv Hospital Epilepsy Clinic, the patient's findings are evaluated by neurologists specialized in epilepsy. Required evaluations are planned for classifier diagnosis. In the pediatric age group, pediatric neurologists, imaging specialists (radiologists), neuropsychologists, psychiatrists, nuclear medicine experts, neurosurgeons evaluate the patient in relation to their own fields. Cases that are resistant to the treatment require a teamwork to evaluate surgical treatment and advanced treatment methods.

ORTHOPEDICS AND TRAUMATOLOGY



“Liv Hospital Orthopedics and Spine Diseases Center offers treatment options in accordance with the latest literature in hand, hip, knee and shoulder diseases, especially spine diseases, with its specialized physician staff.”

SPINAL SURGERY

The Orthopedics and Traumatology Department, which aims to serve as an 'Orthopedics Clinic' in each branch with a multidisciplinary approach, also applies stem cell therapy together with the 'Regenerative Medicine, Stem Cell Application and Research Center'.

Spine Surgery Department applies the latest treatment methods with expert physician staff in the treatment of spinal deformities such as scoliosis and kyphosis, traumatic and degenerative diseases of the spine, spine infections and tumors.

AOSPINE MEMBER "LIVSPINE CENTER"

Liv Hospital Ulus Spine Surgery was selected as the first foreign fellow program of Aospine Spine Surgery Center located in many European countries such as France and Germany. AOSpine Europe in Switzerland, which conducts studies for the advanced training of spine surgery and specialists in the world, conducts studies for the training of spine surgeons in different countries.

ROBOTIC / KNEE SURGERY

Robotic Knee Replacement Surgery offers a much faster healing process than traditional methods, and it facilitates surgical flexibility and unlimited knee bending ability. It helps the patient to walk faster and normal

In the Knee Surgery Department, meniscus implants, meniscus transplantations and meniscus repairs can be performed using arthroscopic surgery. In cases such as meniscus transplantation, the meniscus is taken from a cadaver and protected at -80 degrees the it is used. Ligament surgery, lateral ligament surgery, posterior cruciate ligament surgery are also successfully performed by Liv Hospital physicians.

SHOULDER SURGERY

Shoulder, one of the most detailed areas of orthopedics, could cause important problems, especially for athletes and old age groups. Competent and experienced Liv Hospital physicians practice solutions for shoulder problems.

PEDIATRIC ORTHOPEDICS

Liv Hospital Pediatric Orthopaedic Clinic deals with the diagnosis and treatment of muscular and skeletal system diseases that occur due to congenital or acquired neurological, infectious, tumoral, traumatic and other causes in childhood. At Liv Hospital, a Pediatric Orthopedic Specialist works for children and young adult patients.

ROBOTIC HIPS SURGERY

Whether it is pediatric or adult surgery, all hip related problems are handled. Athlete injuries, congenital hip problems, hip fractures, hip prostheses and revisions of these prostheses are also treated by an experts team in the field of hip surgery.

With robotic hip surgery, prosthetic parts are placed into the bone at the right angles. With the pre-operative tomography planning, the most suitable prosthesis size is detected and the detected prosthesis during the operation is used. Thus, unnecessary bone ejection is prevented. The robotic arm guides while placing the parts during surgery, and the possibility of error is resolved. The perfect fit of the prosthesis placed in the bone at the most appropriate angle resolves the problem of dislocation.

HAND AND WRIST SURGERY

Besides difficult surgeries, the specialist physicians of Liv Hospital Orthopedics and Traumatology Department treat replantation, pain, injuries, fractures related to the hand and wrist. Specialists in Hand and Wrist Surgery also handle forearm and elbow fractures under this branch.

FOOT AND ANKLE SURGERY

Foot and Ankle Surgery does not only treat footache, they treat ankle fractures, ankle prosthesis, foot care, walking analysis, diseases that require usage of arch support.

SVF (INTERJECTIVE REGENERATING CELL THERAPY)

The latest treatment for removing, healing and treating damage to joint cartilage such as knee, hip and shoulder is a stem cell rich SVF - Stromal Vascular Fraction fluid injection treatment obtained from adipose tissue into the joint. With SVF Treatment, joint calcification (osteoarthritis, arthrosis), cartilage damage, cartilage regeneration and repair, joint damage, joint injury, sports injuries, meniscus, ligament rupture, ligament rupture and injury, tendon damage can be treated with orthopedic stem cell applications.

SPORTS INJURIES

In the Orthopedics and Traumatology Department, the treatment of bone, joint, muscle and soft tissue injuries, that are caused by sports are carried out by specialist physicians.



ORAL AND DENTAL HEALTH



“Beautiful smile makes happy. Many people cannot smile comfortably due to mouth and teeth problems. With aesthetic dentistry it is possible to have aesthetic smiles!”

Undoubtedly, the most important task of dentistry is to make sure that healthy teeth and chewing function work completely. In Liv Hospital Oral and Dental Health Clinic, the treatment process is specially determined for patients of all ages. Our staff consists of specialist and competent dentists in every branch. In our Oral and Dental Health Clinic, current technological and aesthetic applications are carried out in a scientific and patient-oriented manner. We are always at your side for oral and dental health with our expert dentist staff from all branches of dentistry.

SERVICES PROVIDED IN OUR CLINIC

- Orthodontics
- Prosthesis
- Oral Implantology
- Pedodontics
- Endodontics
- Dental Aesthetics
- Oral and Maxillofacial Surgery
- Oral diseases



LAMINATE VENEERS

They are leaf-shaped porcelain applications that are affixed to the front faces of the teeth. They can be applied on the tooth surfaces with slight or no abrasion when necessary. It is the most conservative among the restorations that can be applied for aesthetic purposes.

IMPLANT

They are tissue-friendly artificial tooth roots placed in the jawbone to restore the functional and aesthetics of missing teeth. Since the procedure is performed under local anesthesia, you do not feel any pain or ache during the procedure.

INVISALIGN

Invisalign is a wireless orthodontic treatment applied to straighten your teeth with transparent plaques specially made for you. While straighten the crookedness of your teeth, invisalign is not clear that you have received orthodontic treatment.

TEMPOROMANDIBULAR DISORDER

Temporomandibular disorder is a complex disease that involves problems that affect the system consisting of chewing muscles, head and neck muscles, some joint ligaments, teeth, cheek lips and salivary glands. It may cause effects such as pain while chewing, pain in the ear, face, jaw, and neck, clicking, grating, or popping sounds in the jaw when you open or close your mouth.

FAST IMPLANT TREATMENT WITH DIGITAL DENTISTRY

With high-tech scanning and engraving devices called CAD/CAM, patients are given painless, functional and aesthetic treatments very quickly. The size of the tooth is digitally transferred to the computer with a special camera inside the mouth. The digital restoration design is made in micron size within 10-15 minutes, and the 3D printer completes its production without any human contact within 5 to 15 minutes, depending on the type of porcelain selected. Most treatments are completed within one day, without patients having to undergo temporary surgery.

TOOTH BLEACHING

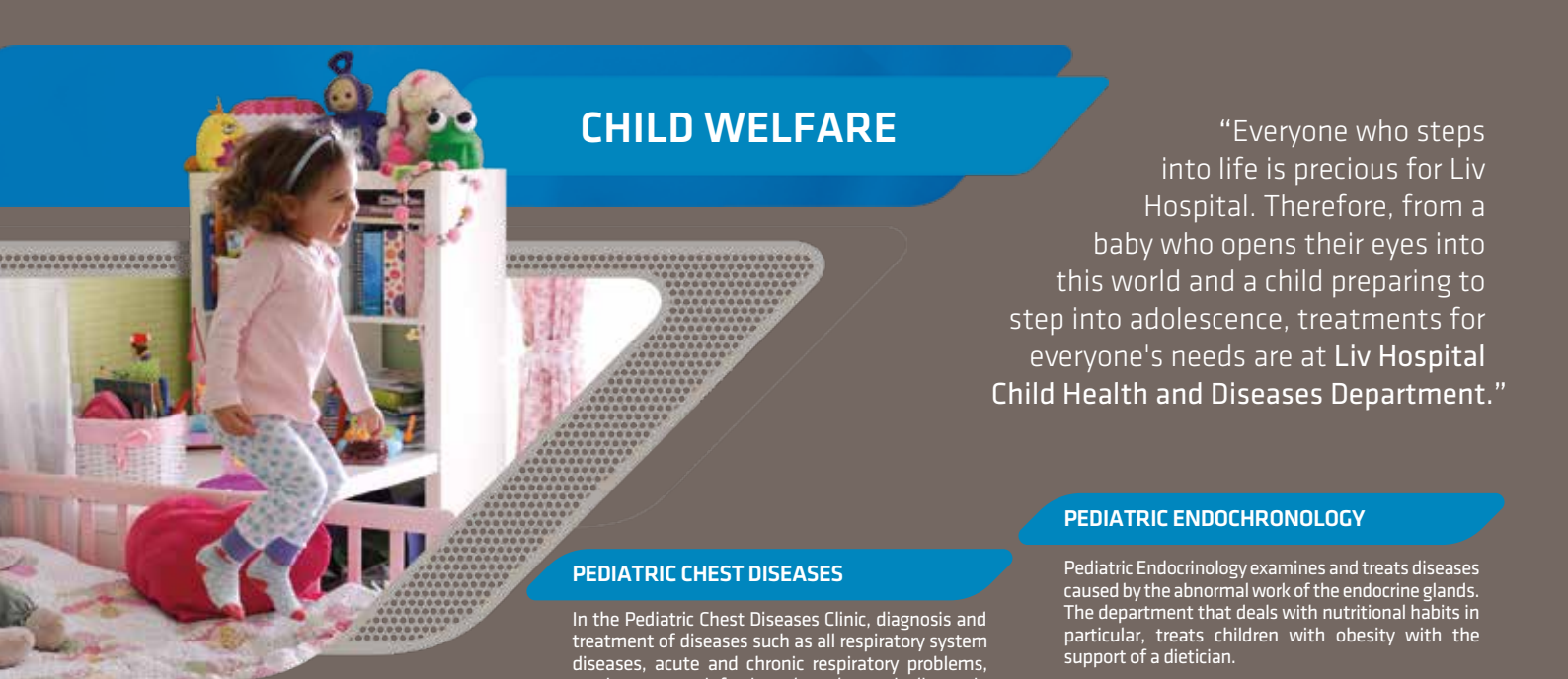
Bleaching is the process of removing discoloration that occurs in the structure of the teeth, namely the enamel and dentin layer, and creates problems in terms of aesthetics.

METAL-FREE COATINGS (Zir-konya, e-max, empres)

The black metal image reflected from the gum edges of the crown or bridge prosthesis show what kind of procedure was applied to the teeth. Such problems can be solved easily with prostheses containing full porcelain or zirconia, whose transparency can be adjusted more aesthetically to natural teeth.

GENERAL ANAESTHESIOLOGY AND SEDATION

Many procedures in dentistry could be performed under local anesthesia. Patients with dental phobia, people with high gag reflexes, pediatric patients and patients who cannot be treated with local anesthesia due to their physical or mental disabilities can be treated with general anesthesia or sedation. These types of applications can also take place in our clinic.



CHILD WELFARE

“Everyone who steps into life is precious for Liv Hospital. Therefore, from a baby who opens their eyes into this world and a child preparing to step into adolescence, treatments for everyone's needs are at Liv Hospital Child Health and Diseases Department.”

PEDIATRIC ALLERGY

Pediatric Allergy Clinic provides world-class service with its high-level technological facilities and experienced team who are experts in their field to diagnose and treat all allergic diseases. Physicians who perform vaccine tests for children with allergies also support parents in raising their awareness.

PEDIATRIC CHEST DISEASES

In the Pediatric Chest Diseases Clinic, diagnosis and treatment of diseases such as all respiratory system diseases, acute and chronic respiratory problems, respiratory tract infections, bronchoscopic diagnosis and treatment procedures, asthma, sleep-related breathing problems, cystic fibrosis, tuberculosis and chronic cough are carried out in children. Bronchoscopy, sweat test and respiratory function tests are performed by physicians who are experts in their field.

PEDIATRIC GASTROENTEROLOGY

Complaints of indigestion called dyspepsia in children are an important problem and it is seen as common as adults. Pediatric Gastroenterology Department raises awareness of parents about children's nutritional habits and adequate fluid consumption before medication treatment. The department applies medication if it deems necessary.

PEDIATRIC ENDOCHRONOLOGY

Pediatric Endocrinology examines and treats diseases caused by the abnormal work of the endocrine glands. The department that deals with nutritional habits in particular, treats children with obesity with the support of a dietician.

PEDIATRIC NEUROLOGY

Child Neurology is a multidisciplinary science that works in order to prevent, reduce, diagnose and treat neurological problems in children and to ensure a better life for children with neurological problems. The developing nervous system can be damaged during pregnancy, at birth or in the postpartum period. As a result, or due to genetically transmitted diseases, various diseases such as cerebral palsy (cerebral palsy), epilepsy, intellectual disability, movement disorders, autism, muscular diseases, spinal cord and peripheral nerve diseases may occur, and the entire life and even life span of the child may be affected.

PEDIATRIC HEMATOLOGY AND ONCOLOGY

In Pediatric Hematologythe Department, all anemias (iron deficiency anemia, vitamin B12 deficiency anemia), congenital blood diseases (Mediterranean anemia), bone marrow deficiencies, childhood leukemias, bleeding diathesis are treated.

PEDIATRIC NEPHROLOGY

In Pediatric Nephrology Department, kidney and urinary tract diseases seen in childhood, especially urinary tract infections, urinary incontinence, urinary system stone disease, vesicoureteral reflux, nephritis and kidney failure, are diagnosed and treated.

PEDIATRIC RHEUMATOLOGY

In the Pediatric Rheumatology Clinic, diseases involving muscles, joints and connective tissue are diagnosed and treated in children aged 0-18. In the clinic, children with joint pain, juvenile idiopathic arthritis, familial Mediterranean fever, vasculitis (vasculitis), Behçet's disease, autoinflammatory diseases, joint hypermobility, other childhood rheumatic diseases are treated.

PEDIATRIC CARDIOLOGY

The majority of heart diseases in childhood is congenital unlike adults. Congenital and acquired heart diseases are followed in this section.



NEWBORN INTENSIVE CARE

In the Newborn Intensive Care Unit, there is a separate room for each baby in order to prevent a possible infection and to provide the most appropriate treatment.

In Liv Hospital Newborn Unit; Our Neonatal experts, who are there for the healthy birth of your babies and postnatal care, are always with mothers!

PEDIATRIC SURGERY AND UROLOGY

The Department of Pediatric Surgery at Liv Hospital performs outpatient follow-up and treatment of all surgical problems related to the digestive system, urinary tract, and non-cardiac chest cavity problems in children from the prenatal period to the age of 16. Surgical procedures are performed by minimally invasive methods (laparoscopy, thoracoscopy, endoscopy / leaving little scars) depending on the type of the disease.

CHILD-ADOLESCENT PSYCHIATRY

Liv Hospital Child-Adolescent Psychiatry Clinic provides psychiatric and psychological services for children, adolescents and their families between the ages of 0-18. In our clinic, a detailed psychiatric and developmental evaluation is performed by a child-adolescent psychiatrist. After the clinical psychologist perform the tests, they determine the emotional, behavioral, social and academic problems that the child or adolescent are in and the possible underlying medical and psychiatric reasons. In the Child-Adolescent Psychiatry Clinic, an interdisciplinary team consisting of a clinical psychologist, child development specialist and speech therapist works in the field of child-adolescent psychology.

CHILDREN NEUROSURGERY

In Liv Hospital Neurosurgery Clinic, diseases such as congenital anomalies, hydrocephalus, spina bifida (open, closed), childhood brain-spinal cord tumors are treated with the latest technological methods. With the fluorescence surgical method which is applied only in a number of centers in the world, fluorescent medication and special microscope filters given at the beginning of the operation, and the tumor is seen in different colors, thus excellent results are obtained in pediatric age group brain tumors, as in adults, and the tumor is removed completely while preserving normal tissue. Liv Hospital Neurosurgery Clinic is one of the pioneers of this method.

PEDIATRIC ORTHOPEDICS

Liv Hospital Pediatric Orthopedic Clinic deals with the diagnosis and treatment of muscular and skeletal system diseases that occur due to congenital or acquired neurological, infectious, tumoral, traumatic and other causes in childhood. At Liv Hospital, a Pediatric Orthopedic Specialist works for children and young adult patients.



CHEST DISEASES

In Liv Hospital Thoracic Diseases Department, besides diagnosis and treatment of many thoracic diseases, and lung cancer, it is also possible to receive allergy tests and counseling to quit smoking cigarettes. The department also offers alternative treatments for sleep problems related to chest diseases, breathing difficulties during sleep and snoring problems.

BALLOON TREATMENT IN COPD

The balloon method performed with bronchoscopy is beneficial for COPD patients with a chronic bronchitis component. After the procedure, which takes approximately 2 hours, the patient's lung function tests improve. A significant expansion in the diameter of the bronchus is achieved, preventing the patient from producing sputum. Shortness of breath is also treated by opening the bronchi. Exercise tolerance is improving. 6 minutes walking test distance increases. Shortness of breath symptom scoring is decreasing.

LUNG CANCER

One of the areas that Chest Diseases Department is most interested in is lung cancer. Interventional bronchoscopy method is used in the diagnosis and treatment of cancer in Liv Hospital. At the hospital, not a single physician, but the "Tumor Council" consisting of different medical units decides the treatment method of a patient diagnosed with Lung Cancer. According to the decision of this council, the patient is given surgical intervention or chemotherapy and radiotherapy.

SMOKING CESSATION POLYCLINIC

Smoking is one of the leading preventable causes of deadly diseases today. However, the World Health Organization accept cigarette addiction and tobacco usage as a disease and an epidemic. Liv Hospital Smoking Cessation Clinic plans special treatments by taking into consideration the habits of the person with specialist physician staff; follows the person and the treatment process.

ALLERGY TESTS

With the allergy tests performed in Liv Hospital Chest Diseases Department, the substances that patients are allergic to are detected and patients are informed to protect themselves from those substances. Physicians, who see whether it affects lung capacity in respiratory tests for COPD patients, provide consultancy to their patients on smoking cessation methods when necessary.


EBUS

EBUS is an advanced biopsy treatment method in lung cancers and lung infections. With this method, many patients get rid of unnecessary surgeries.

SLEEP LABORATORY

Liv Hospital establishes a special laboratory for sleep, which is essential for a productive business life and a happy life, and performs the diagnosis and treatment of people with sleep problems. Before the treatment in the Sleep Laboratory, physicians who research the reasons of the patient's sleep problem, after the tests are performed, start pressurized oxygen therapy if the problem is caused by chest diseases. Sleep problems may not only be caused by chest diseases.

This problem can sometimes be of interest to Neurology, Ear-Nose-Throat and Psychiatry. In such cases, the Sleep Laboratory directs patients to the relevant departments with a multidisciplinary approach and ensures the completion of the treatment.



“Liv Hospital is aware of the fact that breathing is a gift bestowed on people, in addition to the treatment of chest diseases, they also provide solutions to breathing difficulties and snoring problems during sleep with ‘Sleep Laboratory’.”

Sleep problems are one of the main factors that negatively affect daily life.

Liv Hospital Sleep Laboratory
serves at this point.

THORACIC SURGERY CLINIC



SURGICAL TREATMENT OPTIONS

- Mediastinal tumors / Lung cancer
- Non-cancerous problems of the lungs
- Chest wall anomalies
- Sweating problems (Hand / armpit)
- Esophagus surgery
- Thoracoscopic and Robotic surgery
- Thymus Diseases
- Thoracic Malignancies
- Pleural diseases
- Trachea (airtube) surgery
- Thoracic traumas
- Pneumothorax (telectasis)
- Bronchoscopic and surgical treatment of emphysema



CHEST WALL (PECTUS) DISORDERS

In case of shoemaker's chest and pigeon's chest diseases, the person avoids sharing his problem due to its psychological effect. However, as age progresses, the deformity may become more obvious. Surgical treatment with closed method (minimally invasive procedure) has become the standard method.

SWEATING IN HANDS AND ARMPITS

With Endoscopic Thoracic Sympathectomy (ETS) surgery, sympathetic nerves that control hand and armpit sweating activation are surgically separated or their activities are blocked by clipping method.

LUNG CANCER SURGERY

In Stage 1 and Stage 2; Surgical treatment is the first choice in patients who have good heart and lung reserves and are thought to be able to tolerate the operation. Surgical treatment should be complete (surgery performed in such a way that no tumor remains after the surgery). In patients with stage 2 and above, chemotherapy is added after surgery. Chemotherapy and/or radiotherapy is preferred in Stage 3 and Stage 4. Surgical treatment can be performed following Chemotherapy/Radiotherapy in selected patients at these stages.

ROBOTIC SURGERY

The robot has made it easy to access the chest cavity, which does not require a large incision and separation of the ribs. It allows the removal of part or all of the lung with minimal damage to the surrounding tissues within the chest cavity. Providing a 3D (three-dimensional) image and the 360° mobility of the instruments used provide a very safe surgery for the surgeon and the patient.

VIDEO – ASSISTED THORACOSCOPIC SURGERY (VATS/VYTC)

It is used in the diagnosis and treatment of lung and esophageal cancers. It can be done through a 1.5 cm incision for diagnostic purposes, or for treatment purposes, the removal of part or all of the lung can be done using several small incisions and an additional incision of approximately 5 cm.

3D BRACHITHERAPY FOR LUNG (BRONCHUALE) CANCER

In suitable patients where external irradiation methods cannot be used in radiotherapy of lung cancer, brachytherapy can be performed by the chest diseases team through tubes placed in the main airways.





UROLOGY

UROONCOLOGY AND ROBOTIC SURGERY CENTER

In our center;

- An expert team evaluate patients with urological cancer with a multidisciplinary approach.
- The necessary operations are carried out effectively and safely using the most modern methods.
 - Our experienced specialists apply particularly robotic prostate and kidney cancer surgery successfully.
 - Better oncological and functional results are obtained after surgery.
 - These methods are preferred by patients and physicians due to the rapid return to daily life.

BLADDER CANCER CLINIC

Bladder tumors (urinary bladder tumors), bladder (urinary bladder) cancer, which are the fourth most common in men, are malignant tumors originating from the tissues that form the wall of the bladder. There are symptoms such as, frequent urination, burning while urinating, bleeding, urinary incontinence, sudden urgency. In some types of bladder cancer, the only treatment of the disease can be provided by removing the bladder (urinary bladder). In Liv Hospital Urology Clinic, patients have a more comfortable life with the bladder (artificial bladder) method which is made of the bowel. With the artificial bladder surgery, urine can be made from the normal urinary hole. Its most important advantage is that it does not reduce the quality of life and is socially acceptable.

URINARY INCONTINENCE DISORDERS IN WOMEN AND MEN

In Liv Hospital, urinary incontinence disorders are repaired with outpatient surgical methods in women, while men are treated with short-stay surgical treatments.

FUSION BIOPSY IN THE DIAGNOSIS OF PROSTATE CANCER

With Prostate Fusion Biopsy, targeted biopsy can be performed from suspicious areas detected in MRI from the prostate gland, which was previously sampled blindly. Thus, a more accurate diagnosis can be made and treatment can be planned much more accurately.

MEN SEXUAL HEALTH CENTER

- Erection problem
 - Penis Curvatures
 - Premature Ejaculation
 - Infertility; Varicocele, Azoospermia Diseases Treatment
 - Penile Implant Surgery
 - Shock Wave Therapy
 - Testosterone Deficiency Treatment
 - Microsurgical Varicocele Repair
 - Correction of Urethra Canal Obstructions
 - IVF with Microscopic Tese Method
- They perform their operations successfully.

“Our experienced specialists apply particularly robotic prostate and kidney cancer surgery successfully in Urology Department.”

ENDOUROLOGY PERCUTANEOUS and MINIMAL-INVASIVE SURGERY (STONE DISEASES)

1 in 5 people have kidney stone disease at some time in their lives. At Liv Hospital, the treatment of kidney and urinary tract stones in women, men and children is performed with ureteroscopic (URS), flexible-ureteroscopic (F-URS, RIRC) and percutaneous surgical methods, using high-tech laser and short hospitalization periods.

TREATMENT OF KIDNEY STONE WITH LOCAL ROBOT

The world's first lithotripsy "Flexible Ureteroscopy Robot", developed entirely domestically with the support of TUBITAK, enables the cleaning of large stones in the kidney, ureter and urinary tract in a single session.

NON-SURGICAL TREATMENT METHODS USED IN PROSTATE DISEASES AND CANCER

THULIUM FIBER LASER:

While benign prostate enlargements of all sizes can be easily removed with the Thulium Fiber Device, it can also be performed on kidney, bladder and ureteral stones.

FOCAL HIFU:

It is applied at the stage when the entire cancer is still in the prostate tissue and the surrounding tissues are released. Due to its non-invasiveness, it can be applied to patients of all ages and health conditions.

NANOKNIFE:

It is a non-surgical focal treatment performed with electric current without any incisions, scars or holes in early-stage prostate cancers.

HOLMIUM LASER:

It is used in benign prostate enlargement. It is especially suitable for large prostates and can be applied endoscopically.



GENERAL SURGERY



Liv Hospital brings together physicians specialized in branches such as Endocrine Surgery, Breast Surgery, Surgical Gastroenterology, Liver and Biliary Tract Surgery, Peripheral Vascular Surgery and Varicose Diseases, Obesity Surgery. These branches offer a teamwork to their patients with a multidisciplinary approach, with the Department of Oncology, Radiology, Plastic Surgery and Psychiatry.



ADVANCE LAPAROSCOPIC AND ROBOTIC SURGERY

Laparoscopic - VATS - Robotic Minimal Invasive technique, or closed method surgery as known colloquially. With these techniques, which have been used in gallbladder, pancreas, lung, liver, stomach and intestinal surgeries and are becoming increasingly common in the world, help patients to heal in a short time. In robotic surgery, where bleeding is much less than open surgery, surgery is performed with fewer incisions and it has cosmetic advantages.

AREAS OF USAGE

- ✓ **General Surgery Cancers:** Colorectal cancers, Pancreatic cancer, Liver cancer, Esophageal cancer, Stomach cancer, Adrenal gland cancer
- ✓ **Gynecological Cancers:** Cervical cancer, intrauterine cancer and Ovarian cancer
- ✓ **Urological Cancers:** Prostate cancer, Kidney cancer, Bladder cancer
- ✓ **Lung cancer**

PROCTOLOGY / HEMOROID LASER

Proctology, newly known in our country, deals with the diagnosis and treatment of diseases of the large intestine (colon), rectum (the last part of the large intestine near the anus) and anal canal (anus region).

Many diseases ranging from hemorrhoids to anal fissure (crack), rectocele (intestinal hernia) to large intestine cancers (colon and rectum cancers) are within the scope of Proktology.

SURGICAL GASTROENTEROLOGY

We perform the treatment with minimally invasive methods such as thoracoscopic, laparoscopic and robotic technology in a way that provides patient comfort and without compromising the rules of cancer surgery. Also, bile duct diseases, stomach cancer, pharyngeal cancer, spleen diseases and reflux disease which affect a large part of the society, are treated with the help of laparoscopic and robotic technology, the risk of cancer is reduced and the patient's quality of life increases.

ADVANTAGES OF ROBOTIC SURGERY

- ✓ Less pain
- ✓ Less risk of infection
- ✓ Safer surgery
- ✓ Smaller wounds
- ✓ Fast recovery
- ✓ Shorter hospitalization.
- ✓ Quicker return to work and daily life

ORGAN TRANSPLANT CENTER

The organ transplant center is one of Turkey's reference organ transplant centers with its service concept at international standards, experienced staff and technological equipment. In our Organ Transplantation Center, from living and cadaver donors, in adult and child age groups; Kidney transplantation. Liver transplantation, Pancreas transplantation is performed.



HERNIA

Minimally invasive and robotic surgery provides the opportunity to recover in a short time after surgery in inguinal hernias, incision hernia, gastric hernia and reflux. As a highly successful and low-recurrence method, it increases the patient's quality of life and comfort.

COLORECTAL SURGERY

In Liv Hospital General Surgery Clinic, we offer patients comfort, safety, convenience and rapid recovery with robotic surgery in colorectal cancers, known as digestive system cancers.

Especially in the radical treatment of digestive system cancers favorable and successful results are obtained.

OBESITY CLINIC (OBESITY SURGERY)

Obesity Clinic, which serves as one of the sub-branches of the General Surgery Department, applies a surgical method that will help patients to lose 70% of their weight with the stomach reduction surgery, also known as the 'Permanent Weightloss Method'. With this method, which gives results in 6 months and it is completed at the end of 18 months, obesity patients step into a new life under the guidance of a psychologist and dietician before and after the surgical procedure.

ENDOCRINE SURGERY

Thyroid and parathyroid gland diseases surgery can be performed through smaller incisions with the help of nerve monitoring technology and various minimally invasive methods to protect their voices. Again, the treatment of suprarenal gland tumors is carried out by considering patient comfort and using laparoscopic or robotic technology in order to obtain high-level cosmetic results. With the support of physicians specializing in Oncology and Nuclear Medicine, the treatment of endocrine diseases is carried out with up-to-date methods.

Liv Hospital cares about patients' relatives as much as they care about patients. Therefore, there are information rooms in the operation room floor.

GENERAL SURGERY



Liv Hospital Breast Health Center, where simultaneous Genetic Tests which is compatible with the USA are applied in breast cancer, aims specialist doctors and a personalized approach.

WHAT ARE THE ADVANTAGES OF GENETIC TEST?

- It informs patients about genetic susceptibility.
- Unnecessary treatment is prevented, the necessary treatment is planned and applied.
- During follow-ups, not only mammograms, but also MRI and tomosynthesis are performed.
- With the results, the whole family is diagnosed early, and the health of family members related to breast cancer is protected. Genetic predisposition emerges for family members.

LIVER AND BILIARY TRACT SURGERY

In the liver biliary tract surgery unit, the spread of gallbladder and biliary tract diseases, liver and pancreatic tumors, and other organ cancers to the liver are performed using laparoscopic, open and robot technology to ensure patient comfort. In this section, coucils which are attended by oncologists, radiologists, pathologists and surgeons, discuss cancer patients and they select patient-specific treatments.

BREAST HEALTH CENTER

In the Breast Clinic, where the diagnosis and treatment of breast diseases are carried out with the latest technological methods, the patients are examined by doctors specialized in different fields and a common treatment protocol is applied. The Breast Clinic provides services with the staff consisting of breast surgery, nuclear medicine, radiology, medical oncology, radiation oncology, plastic surgery, genetics, psychiatry physicians, pathologists and breast nurses.

With individualized cancer treatment personalized treatment approach is adopted in Liv Hospital. Liv Hospital, which has a powerful diagnostic technology with ultrasonography and mammography applications, stands out with its multidisciplinary applications in this field. Genetic researches contribute the most in cancer treatment. Liv Hospital aims for earliest intervention with preventative medicine service. The aim with radiotherapy is getting rid of the cancer cells or preventing cells from dividing. We aim to shorten the recovery time of the patient after surgery and to increase the quality of life.



VASCULAR SURGERY

VARICOSIS

Today, varicose veins, which is one of the biggest problems of women, is a discomfort that needs to be treated due to both aesthetic appearance and pain and swelling. There are many methods used in the medical world for the treatment of varicose veins. Open surgery, laser therapy, radiofrequency ablation, foam therapy are the main treatments used for this disease. Liv Hospital serves the patients by using all these methods.

DIABETIC FEET

The most important causes of diabetic infections are arterial diseases and nerve damage. Liv Hospital cooperates with both surgical operations and Regenerative Medicine, Stem Cell Production Center to offer alternative treatment methods to its patients in foot wounds due to diabetes, which can be seen in many diabetic patients.

ANEURYSM

Aneurysms are defined as the ballooning of the AORT or other arteries. The worst part of the disease is that an aneurysm patient does not feel any discomfort. Therefore, patients cannot realize that they have aneurysm. However, if the disease is not treated, it results in internal bleeding and even death. In order to keep this insidious disease under control, men over the age of 60 and smoking must have an ultrasound.

Liv Hospital Vascular Surgery Department receives support from 'Regenerative Medicine, Stem Cell Production Center' for the treatment of vascular diseases.

PERIPHERAL ARTERIAL DISEASE

Peripheral Artery Disease, which occurs as a result of blockage in the veins leading to the legs or arms, is very common. This disease, which is more common in older people, causes stroke if not treated. Liv Hospital, Cardiovascular Surgery Department offers the opportunity to diagnose the disease with a method that does not require tomography and is completed in a short time.

GASTROENTEROLOGY

Gastroscopy, Colonoscopy, Endosonography (Evaluation of Stomach, Intestinal Biliary Tract and Pancreas by endoscopic ultrasonography) and ERCP (Biliary Tract and Pancreatic Endoscopy) are successfully performed in the Endoscopy Units of our Gastroenterology Department in the presence of our anesthesiologist. On the other hand, we are proud to have the Endoscopy Advanced Diagnosis and Treatment Center where all the specialized procedures listed below are performed.

REFLUX and MOTILITY CENTER

Reflux disease can only be diagnosed with successful appropriate tests. Our physicians successfully perform High resolution Manometry, 24 hour BRAVO CAPSULE pH meter and Impedance tests. Again, our center serve you for chronic constipation treatment guidance.

ENDOSCOPIC ULTRASOUND

Ultrasonography is a frequently used method in clinical practice, especially in the diagnosis of digestive system diseases. Although it looks like an x-ray with its imaging feature, it does not contain radiation.

Since EUS shows the wall layers in the digestive system in detail, it is used in the staging of tumors in the digestive system or organs adjacent to the digestive system (tumor size and depth, lymph node and neighboring organ metastasis, etc.) and in the examination of lesions located under the epithelium in the digestive system.

CAPSULE COLONOSCOPY

Forget your colonoscopy fear. Equipped with micro-cameras at both ends II. Generation Colon capsules are swallowed orally, allowing the large intestine to be evaluated with a sensitivity of 90-95%. In our clinic it is a 5-minute procedure for you to swallow the capsule in the morning. Then you can continue your daily life. It is enough for you or a relative to bring the mobile phone-like recording device to our hospital (for 8-10 hours) that you will carry on your waist during the procedure.

DOUBLE BALLOON ENDOSCOPY

Ballon Enteroscopy is the evaluation of small intestines up to about 5 meters by attaching to the small intestines with balloons at the ends and we are the most experienced clinic of our country in this regard.

ENDOSCOPIC OBESITY TREATMENT

A balloon (Intragastric Balloon) is placed in the stomach with the aim of concentration in the gastroscopy procedure. The balloon, which is kept for 6-12 months depending on the patient's condition, will help you lose weight without changing your stomach anatomy.

FIBROSCAN: NO MORE LIVER BIOPSY

Fibroscan is a procedure similar to ultrasonography, and the results are equivalent to liver biopsy after the procedure. It is possible to learn with 10 minutes long process if you have fatty liver, monitoring hepatitis B and C, liver diseases caused by alcohol or autoimmune, how bad your liver is, whether you have developed cirrhosis. With this device, which is available in a number of centers in our country; we perform for patients who have liver disease or those who suspect it.



EAR, NOSE, THROAT



Congenital hearing losses are eliminated with bionic ear application in the section where diseases related to the middle ear, eardrum and facial nerve and diseases occurring between the inner ear and the brain are treated.

SNORING SURGERY

As with the causes of sleep disorders, the treatment methods offered to patients also differ. The Department of Ear-Nose-Throat works in partnership with the Department of Chest Diseases and Neurology for the treatment of sleep disorders. As a result of the evaluations made in the weekly council meetings, we treat patients with surgical methods, and with 'masks producing positive pressure' when necessary.

NOSE SURGERY

All kinds of inflammatory diseases (chronic sinusitis, nasal polyposis) that occur in the nose and paranasal sinuses are treated with endoscopy sinus surgery. In addition, tumoral diseases of the nasal and monopharyngeal sinuses and lacrimal gland occlusions are treated with advanced endoscopic sinus surgery applications. Diagnosis and treatment of extremely common allergic diseases are also performed.

AUDIOLOGY

Hearing loss is a huge problem but it can be treated. Audiology comes into play when there is a hearing loss that cannot be treated with medication or surgery after an ear nose throat examination. At Liv Hospital, a personalized approach is determined with the devices produced with the latest technology. With personalized treatment methods, we apply various audiological tests to the patient and decide which device will be applied.

VOICE AESTHETICS

At Liv Hospital, various surgical interventions are performed to change the perception of thinness and thickness of the voice. The aim of these surgical interventions, which are performed endoscopically through the mouth or through a small incision in the neck, is to change the frequency of our vocal cords, just like the strings of an instrument, by adjusting their length, mass and tension.

HEAD AND NECK TUMORS SURGERY

Surgical treatment of all types of cancer occurring in the head and neck region is performed. The department aims to eliminate the problems that may arise after the operation with advanced reconstruction methods. All types of cancer that may arise because of the thyroid glands are treated with the evaluations carried out with the Endocrinology Department. ENT produces solutions for anterior skull base and pituitary tumors together with neurosurgeons.

BALANCE - DIZZINESS / VERTIGO CLINIC

Liv Hospital dizziness / vertigo clinic investigates the underlying causes of dizziness and lack of balance and offers customized solutions accordingly.

VOICE, SPEECH, AND SWALLOWING DISORDERS CLINIC

Deformations that cause problems such as late speech and stuttering in children may require professional support. Voice artists may need similar support from time to time.

This clinic within Liv Hospital Ear-Nose-Throat Department offers the needed treatments.

PEDIATRIC OTOLARYNGOLOGY

Specialist physicians treat middle ear infection, tonsil and adenoid diseases, allergy and sinus diseases.



HEALTHY LIFE PROGRAMS - CHECK-UPS



CHECK-UP PROGRAMS

- Liv Gold Cancer Screening – Women
- Liv Gold Cancer Screening – Men
- Liv Silver Cancer Screening – Women
- Liv Silver Cancer Screening – Men
- Liv Plus Women Over 40
- Liv Plus Men Over 40
- Liv Standart Check Up Women
- Liv Standart Check Up Men
- Liv Shape – Advanced Cardiac Diagnosis Program
- Liv Kids Screening
- Liv Gynecologic Oncology Screening
- Liv Breast Health Screening
- Liv Breast Health Screening – Over 40
- Liv Neurology Screening
- Liv Urologic Oncology Screening
- Liv Thyroid Screening
- Liv Diabetes Screening
- Liv Pediatric Diabetes Screening Check Up 1
- Liv Pediatric Diabetes Screening Check Up 2
- Liv Pediatric Obesity Screening
- Liv Pediatric Short Stature Screening

In all orthopedic, neurological, rheumatic diseases, cancer, lung and heart diseases that can develop congenitally, after trauma or surgery, inpatient or outpatient rehabilitation services are provided at home or in the hospital according to the patient's demand.

PHYSICAL THERAPY and REHABILITATION

In the Physical Therapy and Rehabilitation Department, many Check-up treatment methods such as TENS, ultrasound, laser, ESWT, traction, hydrotherapy, massage treatments, exercise treatments, posture and ergonomics training, local injections and manual therapy are applied.



MAJOR DISEASES TREATED

- Orthopedic postoperative rehabilitation
- Sports injuries rehabilitations
- Fracture rehabilitation treatment
- Osteoporosis:
- Neck pains, cervical hernia
- Back pain
- Low back pain, herniated disc
- Fibromyalgia
- Scoliosis exercises
- Posture and gait disorders
- Rehabilitation of rheumatic diseases
- Joint pains
- Stroke treatment
- Muscle weaknesses, paralysis
- Balance disorders
- Nerve compressions
- Cerebral palsy
- Multiple Sclerosis
- Parkinson's disease
- Schroth Method

EYE HEALTH



CATARACT

Cataract occurs when eyes lose their transparency and this causes a decrease in vision and the only treatment is surgery. In Liv Hospital, patients can return to their daily lives in a short time as a result of cataract surgery performed with drop anesthesia, phacoemulsification method through small incision and with distant, near, astigmatic correcting intraocular lenses.

Special wavefront designed lenses for night vision disorders that can occur at older ages, and multifocal toric lenses used in far-near and middle distance vision disorders are offered in Eye Health Clinic.

Femto Cataract: Femto cataract laser, which is more reliable than traditional eye surgeries. Femto cataract laser is a needle or blade-free procedure performed with a computerized laser.

KERATOCONUS (KORNEAL TRANSPLANT)

Keratoconus, a disease caused by thinning and sharpening of the cornea with myopia and astigmatism, is one of the eye diseases that Liv Hospital cares about. In the clinic, with the early diagnosis, we apply preventive treatments and surgeries to clarify the visual level. Other problems with keratoconus are treated with an internal lens and contact lenses.

OCULOPLASTY (EYE AESTHETICS)

Usually with older age, and sometimes at a younger age, there may be bagging on the eyelids. This condition can be corrected with eyelid esthetic surgery. In this attempt, excess skin and fatty tissue are removed from the lower and upper eyelids. However, the amounts of tissue removed need to be planned very well, and sometimes only their locations should be changed and left like that. A properly performed surgery gives the patient a younger appearance.

RETINA

The retina is a very important tissue behind the eye that allows us to see. Since the deterioration of the retina can cause serious eye diseases and even vision loss, treatment is essential. Depending on the severity of the disease in the highly sensitive eye, sometimes medical, sometimes laser or surgical intervention may be required.

Specialist physicians perform surgical treatments of retinal tears and detachment, eye trauma, macular diseases, vascular diseases in Liv Hospital Eye Health Clinic. Age-related macular degeneration, diabetic retinopathy, retinal vascular occlusion, and premature retinopathy, also known as macular degeneration that can be treated with laser and needles that do not require surgical intervention in retinal diseases, are also the diseases treated in the Eye Health Clinic.

“Liv Hospital Eye Health Clinic provides services in many areas from cataract surgeries to refractive surgery, from keratoconus disease to eye aesthetics.”



EXCIMER LASER

Excimer laser is a type of laser used in eye surgery and shapes the outer surface of the eye, called the cornea. It is applied to correct the eye's focusing ability in cases of eye disorders such as myopia, hyperopia and astigmatism.

SMILE LASER

Smile laser is a new generation eye surgery method. It is possible to get rid of glasses and contact lenses with Smile laser technology, which provides successful results in the treatment of refractive errors such as myopia and astigmatism. Smile laser treatment is a procedure that causes less damage to body tissues compared to other treatment methods, and therefore the recovery time after the application is shorter.

MULTIFOCAL LENSES

The most popular solution to get rid of glasses is excimer laser treatment. Although laser treatment can be performed between the ages of 18-60, it is not preferred after the age of 40. The reason for this is that after the age of 40, an additional presbyopia (farsightedness) occurs. With the smart lens, the treatment of visual defects such as cataracts and distant and nearsightedness can be solved at the same time by placing them in the eye with the laser or phaco technique, which is popularly known as the seamless surgery technique.

Most commonly used for cataracts

The only treatment for cataract disease is surgery and intraocular lenses are definitely used in this surgery. In the past, only monofocal (single focus) lenses were used. After the surgery, patients used to use distant and / or near glasses. With trifocal lenses, there is no need for glasses anymore, patients do not only get rid of cataract disease, but if they have any they also get rid of myopia, hyperopia, astigmatism and presbyopia. In the past, it was impossible to change and transform the monofocal lens in patients who had previously undergone cataract surgery. Yet now, with AddON lenses, a secondary lens is placed on the monofocal lens, saving the patient from glasses and enabling them to see both far and near.

EYE HEALTH SERVICES

- ✓ Cataract
- ✓ Child Eye Health
 - Strabismus
 - Lazy eye
- ✓ Keratoconus
- ✓ Retina
 - Retinal Detachment
 - Diabetic retinopathy
 - Macula degeneration
 - ROP
- ✓ Glaucoma
- ✓ Refractive Surgery
 - Intraocular Lens Treatment
 - Excimer Laser
 - Smile Laser
 - Presbyopia
- ✓ Multifocal Intraocular Lenses
 - Contact Lens
- Cornea Diseases
 - ✓ Cornea Transplant
 - Dry eyes
- Eye Contour Aesthetics

INTERNAL MEDICINE



The Department of Internal Diseases primarily aims to prevent diseases by providing the requirements of a healthy life, and to reduce the organ damage caused by diseases by carefully managing chronic diseases such as hypertension and diabetes.

We treat and diagnose upper and lower respiratory tract diseases, inflammatory diseases, hypertension, diabetes, thyroid diseases, cholesterol and triglyceride elevations, digestive system, liver and gall bladder diseases, lung diseases, kidney diseases, anemia and blood diseases, rheumatic diseases, muscular and skeletal system diseases.

“Liv Hospital Internal Diseases Department provides early diagnosis with using all type of examinations such as detailed physical examination, laboratory, radiological examinations and, if necessary, endoscopic and cardiological examinations.”

NEFROLOGY and HYPERTENSION CLINIC

Diseases such as Hypertension, Nephritis, Chronic Kidney Disease, and Kidney cysts are treated and followed up in Liv Nephrology Clinic. All procedures / treatments that are important in Nephrology practice are performed in our hospital. Hypertension is a curable disease. All available technology are used in the success of hypertension treatment.

GERIATRICS CLINIC

The number of individuals over the age of 65 increases in our society and for them one-center follow-up is provided in Liv Hospital Geriatrics Clinic for their increasing health problems. With home care services, we offer different solution options. In our clinic, with geriatric evaluation and treatment, we aim for elderly to live independent in our society and integrate them into life, and plan their medical treatments the best thus, increase the quality of life. We carry out personalized follow-up and treatment planning in coordination with other specialties.

ENDOCRINOLOGY

- ✓ Diabetes
- ✓ Metabolic syndrome
- ✓ Thyroid diseases (Goiter, Thyroid nodule, Hashimoto's disease, Graves disease, Thyroid cancer etc.)
- ✓ Parathyroid diseases and other calcium metabolism diseases
- ✓ Pituitary diseases (Prolactinoma, Acromegaly, Cushing's syndrome, Diabetes insipidus etc.)
- ✓ Adrenal gland (adrenal gland) diseases
- ✓ Hirsutism (Excessive hair growth), Polycystic ovarian syndrome
- ✓ Testicular and ovarian diseases
- ✓ Osteoporosis
- ✓ Lipid metabolism diseases



The person needs team monitoring in order to overcome all these problems related to diabetes. When any additional problem develops in our guests who come to Liv Hospital Diabetes Policlinic, the different department physicians stated below support them.

DIABETIC CLINIC

Liv Hospital Diabetes Clinic is a modern center where all required examinations and treatments for a diabetic patient can be performed under the same roof.

"Liv Hospital Diabetes Clinic" consists of an experienced diabetes nurse, dietician, internal medicine specialists and endocrinologists. In our outpatient clinic, technological treatment and follow-up systems such as insulin pump and continuous blood glucose monitoring are applied.

- ✓ Endocrinology
- ✓ Dietician
- ✓ Diabetes nurse
- ✓ Internal Diseases
- ✓ Regenerative Medicine (Stem Cell Treatment)
- ✓ Algology (Pain Treatment)
- ✓ Infectious Diseases
- ✓ Plastic Surgery
- ✓ Peripheral Vascular Surgery
- ✓ Orthopedics
- ✓ Neurology
- ✓ Ophthalmology
- ✓ Nephrology
- ✓ Cardiology

24/7 DIABETES TRACKING SYSTEM

In Liv Hospital, diabetes follow-up is easier with the continuous blood glucose monitoring system. Blood glucose can be easily measured with the help of a small sensor and a reader that can be simply applied to the upper back of the arm. With the help of the sensor, which is changed every 14 days, blood glucose values can be displayed painlessly without finger pricking, weekly or monthly glucose data can be shared with the physician during the examination or via remote connection.



ESTHETICS, PLASTIC AND RECONSTRUCTIVE SURGERY



“Anti-aging and fibroblast applications made with cells produced from the person's own tissues are used for all facial rejuvenation procedures.”

“The Department of Aesthetic, Plastic and Reconstructive Surgery brings together advanced technologies and developments in aesthetic surgery to provide a perfect appearance.”

- ✓ Liposuction
- ✓ Vaser Liposuction
- ✓ Fat Injection (For Face and Body Rejuvenation and Filling Purpose)
- ✓ Botox, Filler, PRP and Mesotherapy Applications
- ✓ Rhinoplasty (Nose Aesthetics)
- ✓ Breast Operations (Breast Augmentation, Breast Lift, Breast Reduction)
- ✓ Tummy Tuck
- ✓ Correction of Cauliflower Ears and other problems in Auricular
- ✓ Reconstruction
- ✓ Skin Cancers
- ✓ Chronic scars
- ✓ Breast reconstruction
 - Instant Breast Reconstruction
 - Late Period Breast Reconstruction
 - Prophylactic Breast Reconstruction
- ✓ Replantation of Lost Organs
- ✓ After Acute Burn and Burn Deformations

SURGICAL PROCEDURES

- Rhinoplasty
- Eye Contour Rejuvenation
- Facelift
- Neck lift
- Eyebrow lifting
- Forehead lift
- Ear surgery
- Fat injection and fat banking

In Liv Hospital Dermatology Department carry out all studies on dermatological diseases, skin cancers and medical aesthetics. With the treatment, your skin is kept young.

DERMATOLOGY

DERMOCOSMETIC PROCEDURES

- Facelift Without Surgery:
- Non-surgical eyelid aesthetics
- Face Suspension with Rope
- Peeking and microdermabrasion
- PRP
- Roles
- Laser
- Face Mesotherapy (Mesolift)
- Spot treatment
- Skin renewal treatment
- Mole treatment
- Botox
- Filling
- Stem Cell Treatments
- HIFU (Ultralift- Ulthera)
- Fibrogel-fibroplus (Youth vaccine)
- Medical Skin Care
- Pulse Dye Laser
- Q-SWITCHED laser (Q-switched laser)
- CO2 Fractional laser
- Radiofrequency
- Coollifting

HAIR DISEASES AND HEALTH

Complaints related to hair may develop in the form of shedding, thinning (alopecia) or color or structural abnormalities in the hair strands. These complaints can affect many people in all age groups. For some, hair loss is hereditary as is androgenetic alopecia and is a part of natural aging, while for others it may be an indicator of an important underlying disease. In addition, in a way that impairs the quality of life in a patient receiving chemotherapy, it can also be seen as a side effect of medication. In this diversity, the treatment of hair diseases starts with reaching the correct diagnosis and finding the root cause of the hair loss.

SKIN DISEASES

- Hair loss
- Mole and skin cancers
- Psoriasis
- Hyperhidrosis
- Allergic diseases and eczema
- Fungal diseases and infections
- Acnes and all other skin diseases

MEDICAL AESTHETIC

- Botox (Aesthetics ve extreme perspiration)
- Filling
- Vitamin injections
- Laser Applications
- PRP
- Peeling
- Chemical peeling operation
- Microdermabrasion
- Plexr
- Stem cell



The Future of Healthcare is in Your Pocket

You can make your appointments
as quickly as possible and view
your medical results and
prescriptions.



You can benefit from our
Check-up services for regular
control of your health.



You can have a video
call with your doctor.



You can see the locations
of pharmacies on duty
and nearby.



İSTİNYE UNIVERSITY AND LIV HOSPITAL COLLABORATE TOGETHER

Within the framework of AR-CE, academic studies and symposiums held in cooperation with Liv Hospital and Istinye University, Liv Hospital physicians carry their medical competence and expertise to the physicians of the future.



INTERNATIONAL PATIENT ADMISSION



PAID SERVICES

- ✓ Hotel/Residence Accommodation
- ✓ Private Pickup From the Airport
- ✓ VIP Transfer
- ✓ Istanbul City Tour
- ✓ Bosphorus Tour
- ✓ Fly Ticket
- ✓ Airport Lounge Service
- ✓ Air and Ground Ambulance
- ✓ Private Nursing Service
- ✓ Health Tourism Assurance Insurance

FREE SERVICES

- ✓ Airport – Hotel Transportation
- ✓ Hospital – Hotel Transportation
- ✓ Written and Verbal Translation Service
- ✓ Medical Second Opinion Service
- ✓ Hotel Reservation Support
- ✓ Doctor Appointment Support

Liv Hospital International Patient Admission Section aims to be a reference center in the region and serves in all languages. Liv Hospital provides treatment opportunities to all neighboring countries, and ambitious in health tourism. Liv Hospital is competing with the world's leading health centers and investing in health, not disease, and we show our difference with our multidisciplinary structure.



ULUS/İSTANBUL







VADİSTANBUL



LIV DUNA MEDICAL CENTER / HUNGARY



LIV BONA DEA / AZERBAIJAN

SAMSUN



ANKARA

GAZİANTEP



İSTİNYE UNIVERSITY / İSTANBUL

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