

# CHAPTERS

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## 01

# PATIENTS TREATED

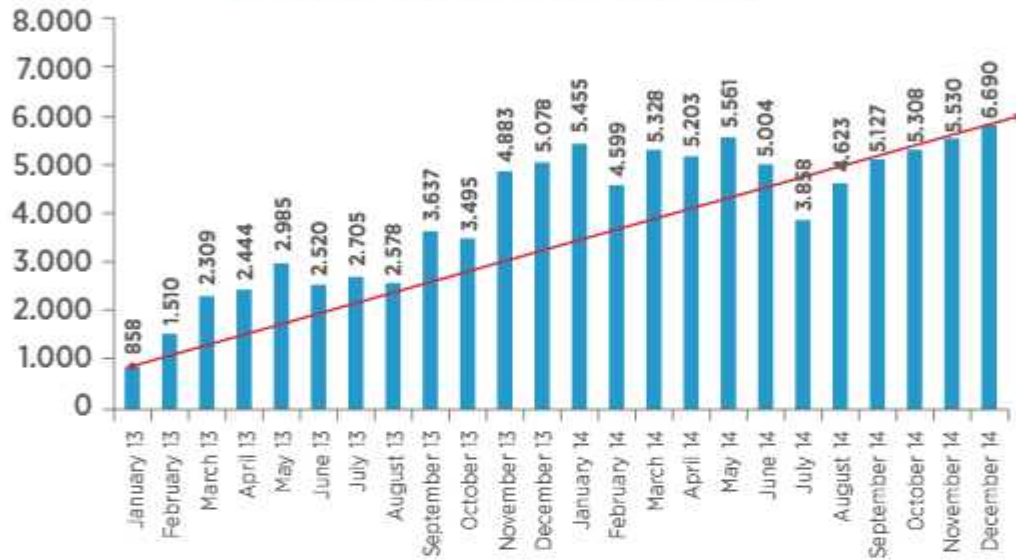
## Patients treated by us in 2013 and 2014

• Outpatients	181.483
• Examinations	97.918
• In-Patients	20.511
• Operations	Procedure based: 13.040
	No. of cases: 8.983
• Patients from provinces of Turkey outside Istanbul	2.953
• International Patients	8.838

## Outpatients (2013 – December 2014)



## Number of Examinations (2013 – December 2014)



## Number of In-patients (2013 – December 2014)

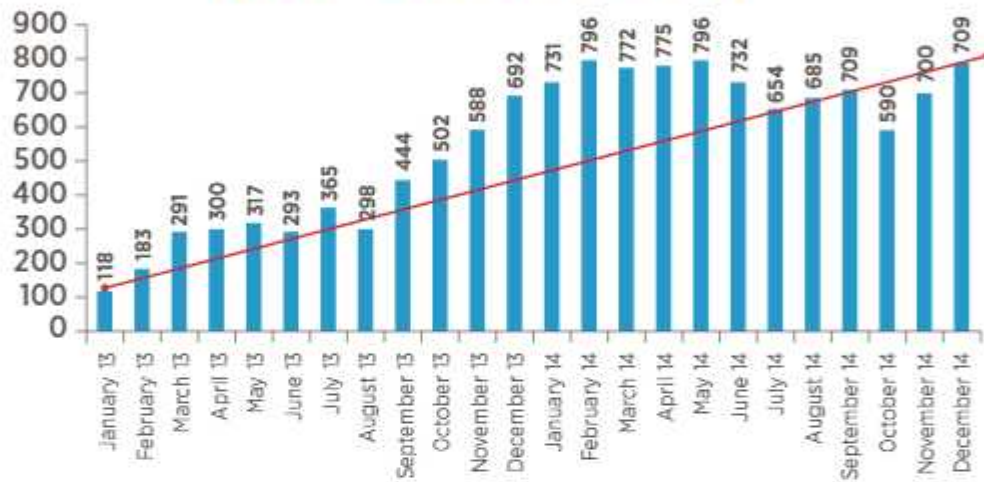




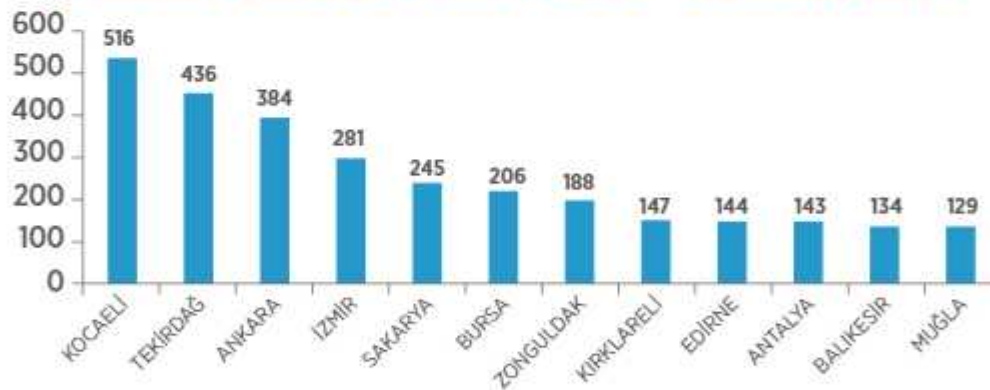
# 01

## PATIENTS TREATED

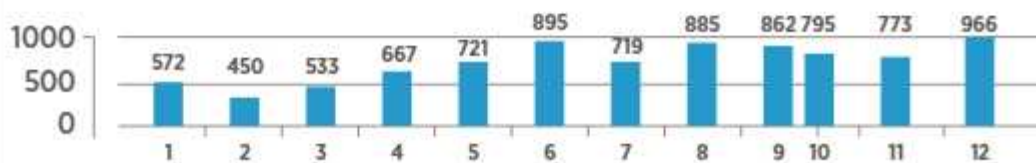
### Number of Operations (2013 – December 2014)



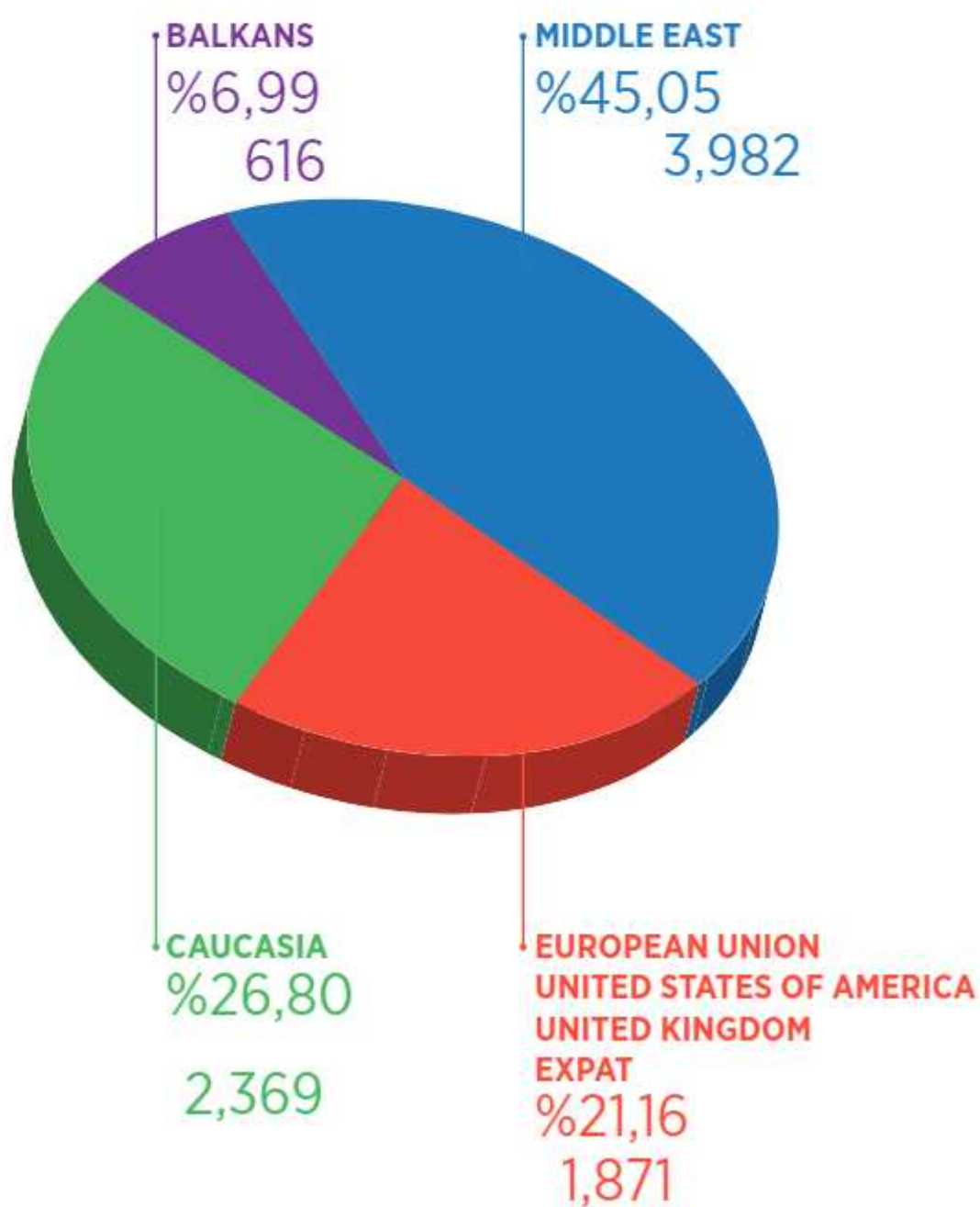
### Number of Patients from Provinces in Turkey (excluding Istanbul), January 2013 – December 2014



### Number of International Patients – 2014



## 2014: Distribution of International Patients, by region of origin





# 02

## OUR CLINICAL ACTIVITIES

### ANESTHESIOLOGY

Distribution of procedures carried out in 2014 by our Anesthesiology Department both in our operating room and in special anesthesia cases outside the operating room;

• Total anesthesia cases	5.878
• Outside the operating room	1.590
• Pre-operative evaluations	1.796
• Emergency Operations	105
• ICU Referrals	437
• Peripheral block (axillary block, RIVA)	198
• Central block (spinal, epidural, combined spino-epidural)	352
• Invasive procedures (arterial and central venous pressure catheterization)	991
• Post-operative patient-controlled analgesics	644

OPERATIONS CARRIED  
OUT AT OUR HOSPITAL  
(OVERALL RATIOS)

SPECIALIZED  
SURGERY

%20

MAJOR SURGERY

%35

MEDIUM- AND SMALL  
SCALE SURGERY

%45



Invasive procedures such as central catheterization under anesthetic and certain peripheral blocks are carried out under the guidance of Ultrasound Imaging techniques.



Single lung ventilation in robotic surgery at the Cardiovascular Surgery Department

Anesthesia support in interventional radiology outside the operating theater

## GENERAL SURGERY DEPARTMENT

Special cases in which surgery has been carried out and treatment completed:

208 cancer cases have been successfully treated with a zero mortality rate at our General Surgery Department since the opening.

### STOMACH CANCER: 29

- Robotic \_\_\_\_\_ 6
- Laparoscopic \_\_\_\_\_ 10
- Open Surgery \_\_\_\_\_ 13

### RECTAL CANCER: 61

- Robotic \_\_\_\_\_ 32
- Laparoscopic \_\_\_\_\_ 23
- TEM Transanal Endoscopic Microsurgery 6

### COLON CANCER: 61

- Laparoscopic \_\_\_\_\_ 61





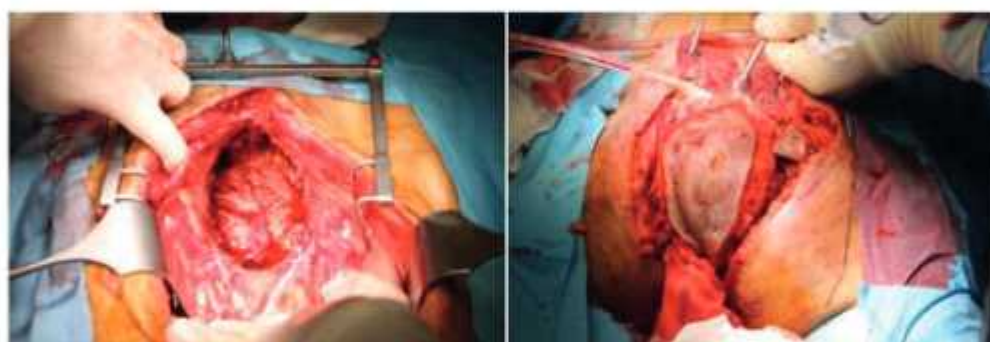
## GENERAL SURGERY DEPARTMENT

### Reccurent Rectal Cancer



(Pelvic exenteration + Composite Bone Resection + IORT):

13

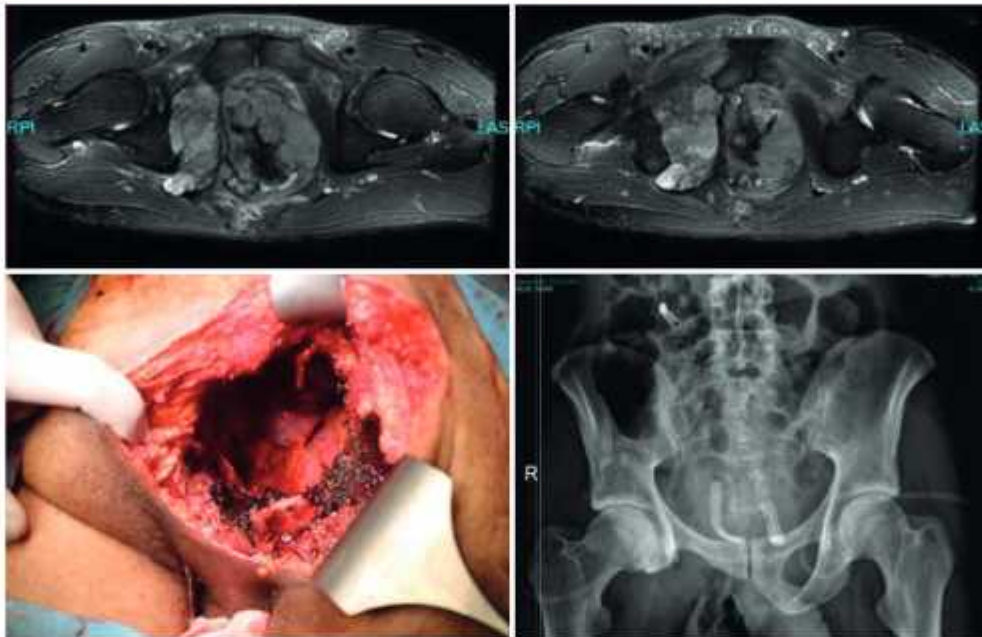


### Intra Operative Radiotherapy (IORT)

More successful outcomes are achieved using single-dose radiotherapy during the course of surgery.



## Peritoneal Carcinomatosis (Cytoreductive surgery + HIPEC): 17



## PANCREATIC CANCER: 19

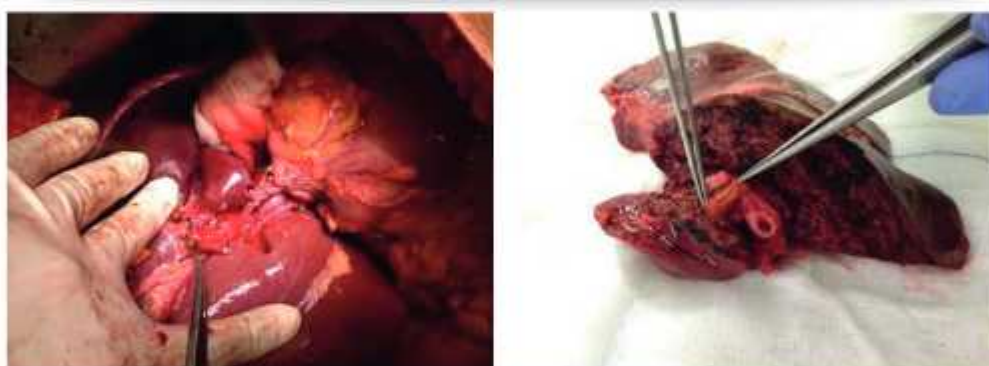
- Whipple operation 17
- Robotic Whipple 1
- Robotic distal pancreatectomy + splenectomy

## METASTASECTOMY / SEGMENTECTOMY: 10

- Synchronous laparoscopy resection 3
- Synchronous resection in open surgery 3
- Metachronous Resection 4

## GENERAL SURGERY DEPARTMENT

<b>HILAR CHOLANGIOCARCINOMA:</b>	<b>3</b>
• Hilar resection with left + caudate lobectomy + cholangiojejunostomy	2
• Hilar + central resection	1



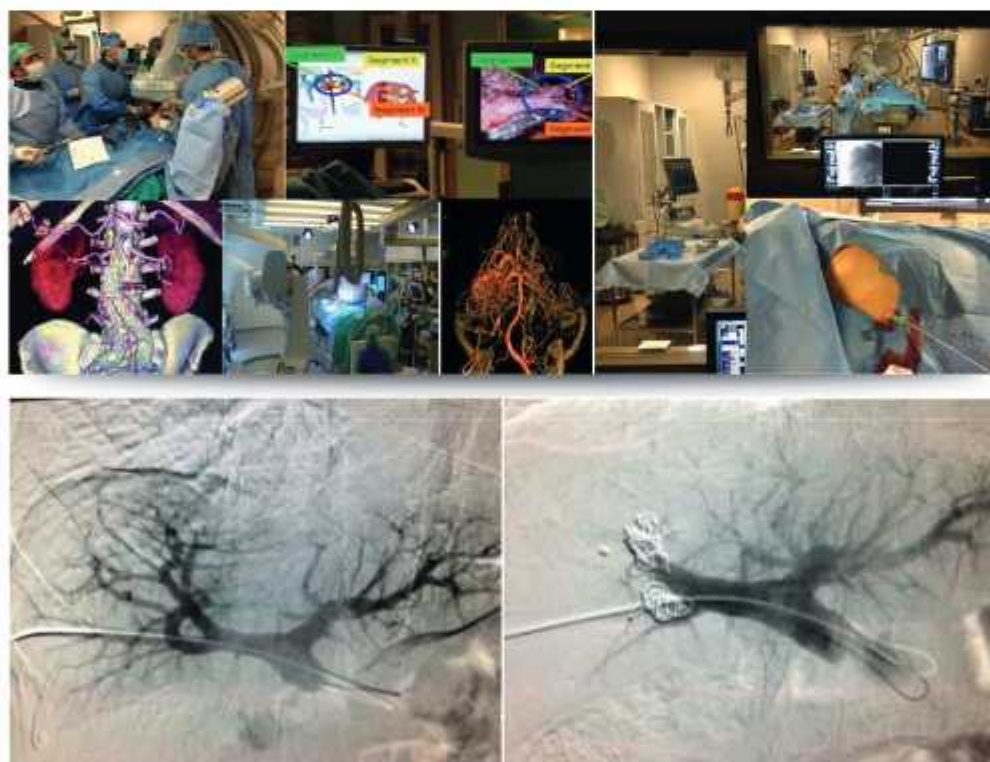
1 segmentectomy and 11 metastasectomy procedures were carried out on a patient whose lesions had been rendered resectable after undergoing chemotherapy for a sigmoid colon tumor and dual-lobe liver metastasis. 9 deep-seated lesions were identified using intraoperative ultrasonography; these were cauterized using radiofrequency ablation. 2 weeks later the patient's primary sigmoid colon tumor was laparoscopically resected.







A morbidly obese (BMI: 42) **Sigmoid colon cancer** patient with 3 difficult surgical access liver metastases, underwent laparoscopic sigmoid colon resection and 3 liver metastasectomy procedures simultaneously.



With a multidisciplinary teamwork of our liver surgeon, medical oncologist, interventional radiologist, vascular surgeon and colorectal surgeon, first endovascular arterial aneurysm reparation, and then right portal vein embolization achieved, on a patient with a rectal tumor and liver metastasis. Extended right hepatectomy was carried out following the finding of left lobe hypertrophy; robotic rectal surgery was performed 2 weeks later.

# 03

## GENERAL SURGERY DEPARTMENT



A vena cava filter procedure to prevent lung embolisms is needed before surgery can be carried out on patients with deep vein thrombosis who require emergency surgical treatment. The pictures above show details of the procedure, performed under local anesthesia.

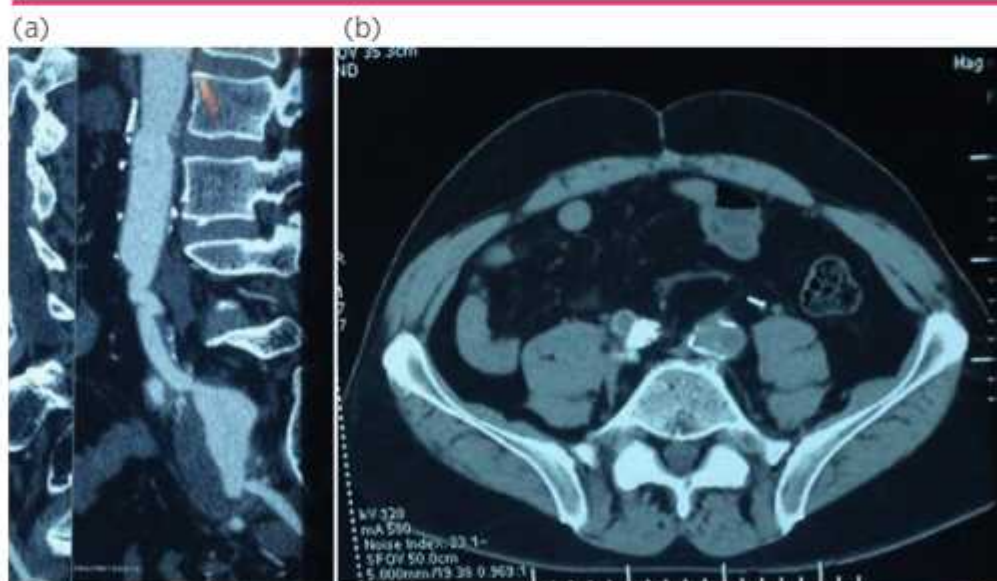


Image (a) shows a preoperative view of a patient suffering from an internal iliac artery aneurysm. The tomography image (b), taken one year later, shows that the internal iliac artery aneurysm has become entirely regressive. The selected bright images are of the coils.



(a)



(b)



Right sub-clavian vein obstruction was identified in a patient admitted with an opened right ante brachial arteriovenous fistula and swelling of the right arm (a); a stent was inserted in the patient's right sub-clavian vein. Fistulography screening showed that clearance had been achieved (b). Of the swelling on the right arm there was a regression following the procedure.

(a)



(b)



Foam sclerotherapy is an effective treatment for varicose veins, especially in terms of cosmetic recovery. Image (a) shows the patient before the procedure; image (b) ten days after the procedure. Full results are obtained within 3 to 6 months.

## GENERAL SURGERY DEPARTMENT

The **Obesity and Metabolic Surgery Clinic** performed surgical procedures on a total of 221 patients. There were no cases of morbidity in any of these issue-specific procedures.

PROCEDURE	NUMBER	PERCENTAGE (%)
Laparoscopic sleeve gastrectomy	210	95
Robotic sleeve gastrectomy	1	0,5
Laparoscopic gastric by-pass	1	0,5
Robotic gastric by-pass	4	1,8
Revision	5	2,2
<b>TOTAL</b>	<b>221</b>	<b>100</b>

COMPLICATIONS	NUMBER	PERCENTAGE (%)
Intra-abdominal bleeding	2	0,9
Gastroenteritis	1	0,4
<b>TOTAL</b>	<b>3</b>	<b>1,4</b>

READMISSIONS	NUMBER	PERCENTAGE (%)
Dehydration	3	1,4
Fever	1	0,5
<b>TOTAL</b>	<b>4</b>	<b>1,9</b>



EXCESS  
WEIGHT LOSS  
RATES:

6<sup>TH</sup> MONTH  
%38

12<sup>TH</sup> MONTH  
%75



## Thyroid and Endocrine Surgery;

60 endocrine cases were surgically treated in 2014 (2013 – 42).

• Laparoscopic adrenalectomy	11
• Adenoma excision for parathyroid adenoma	9
• Thyroidectomy for thyroid pathology	82

Intraoperative rapid parathormone measurements taken 15 minutes after surgical adenoma removal (parathyroidectomy) showed that parathormone levels had decreased to a normal range in every patient; there was a successful treatment rate of 100%.

Intraoperative nerve monitorization was used during 82 thyroidectomy cases; no cases of recurring nerve paralysis and associated hoarseness were recorded.

50 year old M patient, right retroperitoneal mass (pheochromocytoma?, paraganglioma?)

### Image:

Abdominal MR and CT, PET/CT: Suspected malignant lesion extending beneath the level of the right surreal gland and the adjacent renal artery



A laparoscopic right adrenalectomy was performed on the patient.



## UROLOGY DEPARTMENT

In addition to minimally invasive approach our **Urology Department** uses robotic surgery extensively.

A tumor was successfully removed using the 'Segmental Ischemic Robotic Partial Nephrectomy' technique.



Image 1. Overall view of the intra-renal right kidney tumor



Image 2. Robot positioning for Right Robotic Partial Nephrectomy

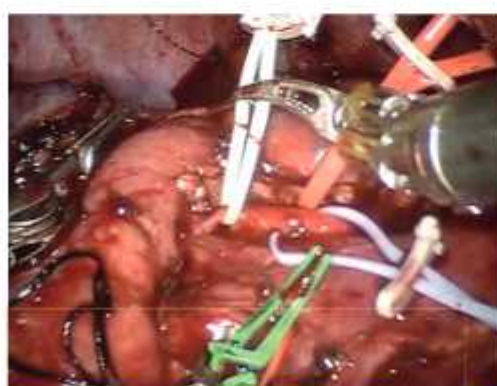


Image 3. Segmental Ischemic Robotic Partial Nephrectomy: Hilar dissection



Image 4. Kidney tumor removed with negative surgical margins



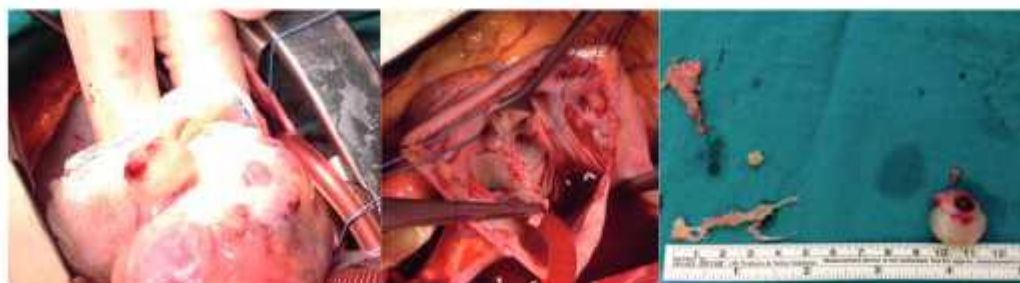
## DEPARTMENT OF CARDIOVASCULAR SURGERY

Distribution of surgical interventions carried out at the  
**Department of Cardiovascular Surgery** in 2014

• Coronary By-pass Surgery	% 57,8
• Valve Replacement (AVR, MVR, TVR)	% 16,8
• Ascendant Aort Replacement	% 6,6
• Congenital Heart Surgery	% 4,2
• Mitral Valve Replacement	% 3
• Carotid Artery Surgery	% 3
• Robotic Heart Surgery	% 2,4



Surgical incision of a patient who had undergone Robotic Heart Surgery



Intracardiac mass excision

EUROSCORE

PREDICTED  
MORTALITY  
RISK RATE

%9

ACTUAL  
MORTALITY

%6

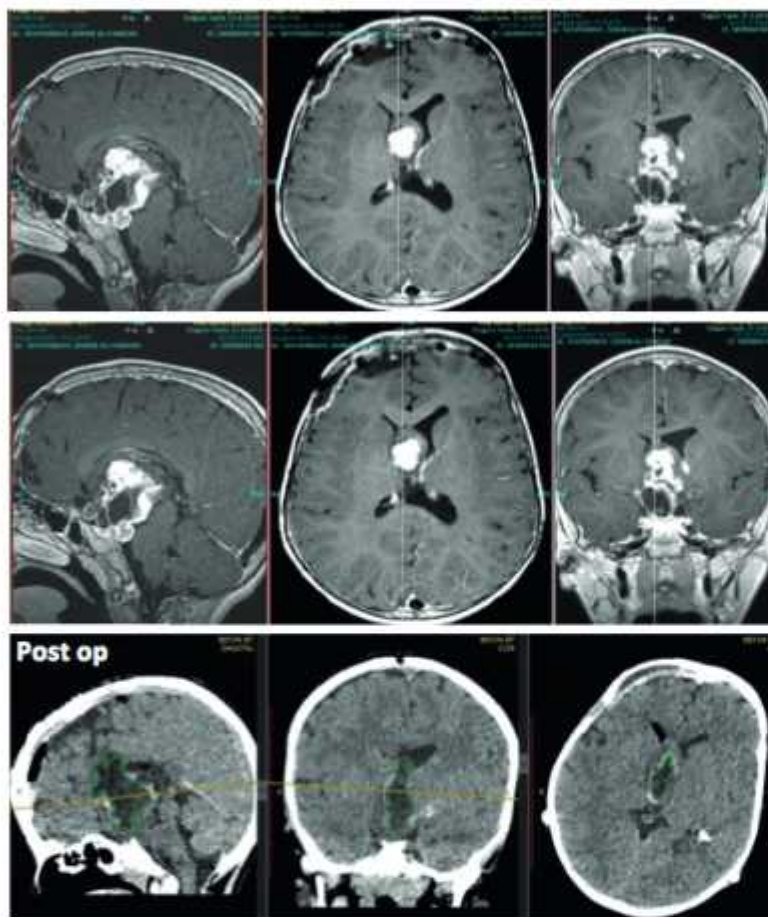
## BRAIN AND NEURO SURGERY DEPARTMENT

The **Brain and Neuro Surgery Clinic** saw a total of **1,162** polyclinic patients and performed 158 operations in 2014. 87 of these **158** surgical cases (55%) involved specialized surgery requiring complex surgical equipment and high degrees of experience.

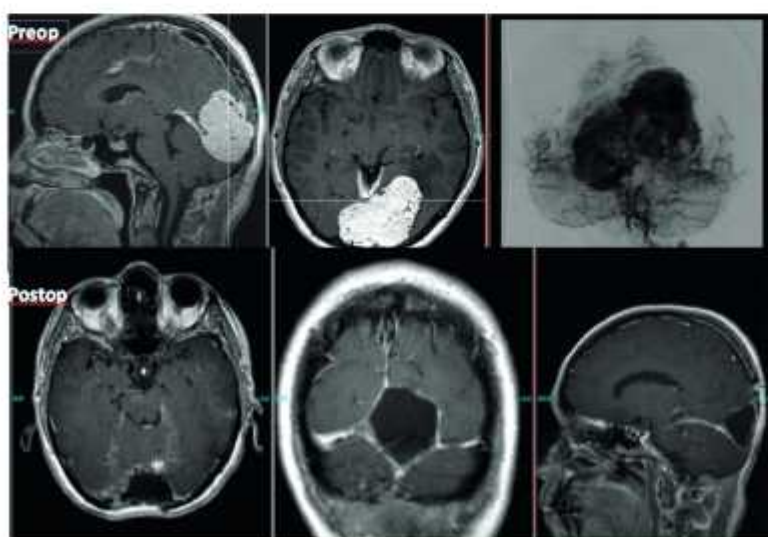
There was a zero mortality rate in 2014, with 2 morbidity cases [Surgical bleeding 1 (0.6%), superficial wound infection 1 (0.6%)].

DIAGNOSIS	2013	2014	2013-2014 TOTAL
Glial tumor	8	18 (of which 6 were hypothalamic gliomas)	26
Menengioma	2	8	10
Metastasis	5	7	12
Hypophase and parasellar tumor	9	6	15
Vascular Malformation	1	5	6
Aneurism	1	1	2
Intraventricular mass	1	3	4
Posterior fossa / PCA mass surgery	3	8	11
Deep brain stimulation	5	2	7
Spinal tumor	5	2	7
Other complex neurosurgical Interventions	17	27	44
Total Complex Cranial and Spinal Surgical Interventions	57	87	144
General Neurosurgery (Spinal surgery, Shunt etc.)	38	71	109
<b>TOTAL</b>	<b>95</b>	<b>158</b>	<b>397</b>





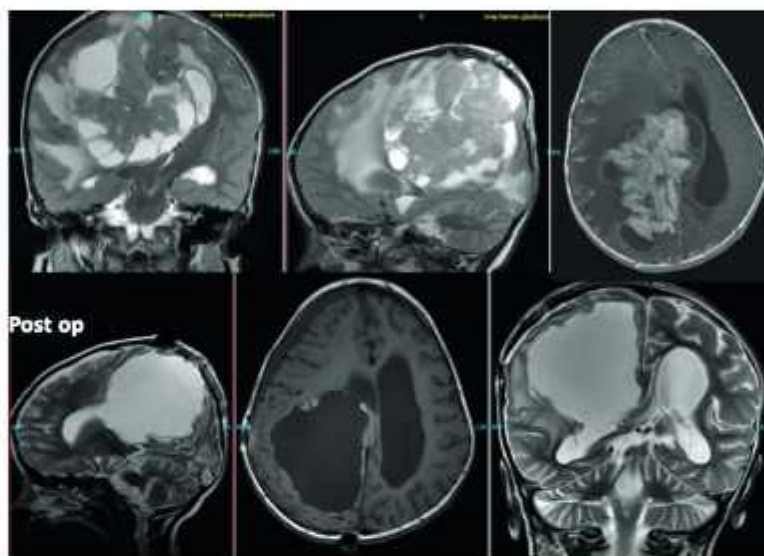
Pre-op (upper level) and early stage post-op (lower level) radiologic examinations of a 7 year old female patient operated on for hypothalamic gliomas; almost total tumor resection



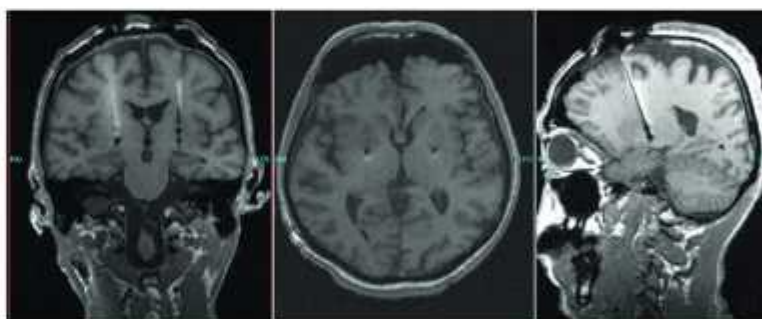
Pre-op (upper level) and post-op (lower level) MR images of a 34 year old female patient operated on for advanced vascular extra-axial mass (hemangiopericytoma); gross total tumor resection

## BRAIN AND NEURO SURGERY DEPARTMENT

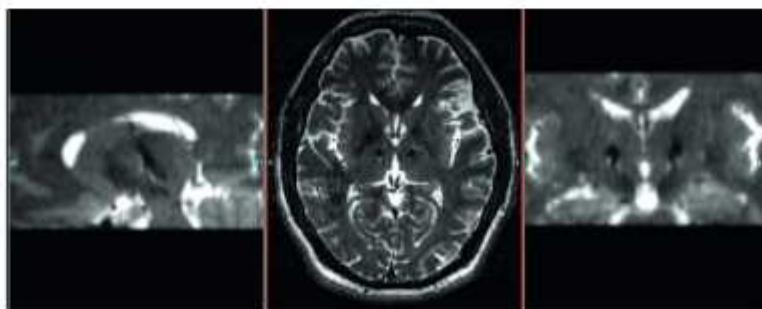
Pre-op (upper level) and post-op (lower level) MR images of a 4 year old male patient who had undergone surgery at an external center but whose mass could not be treated; gross total tumor resection



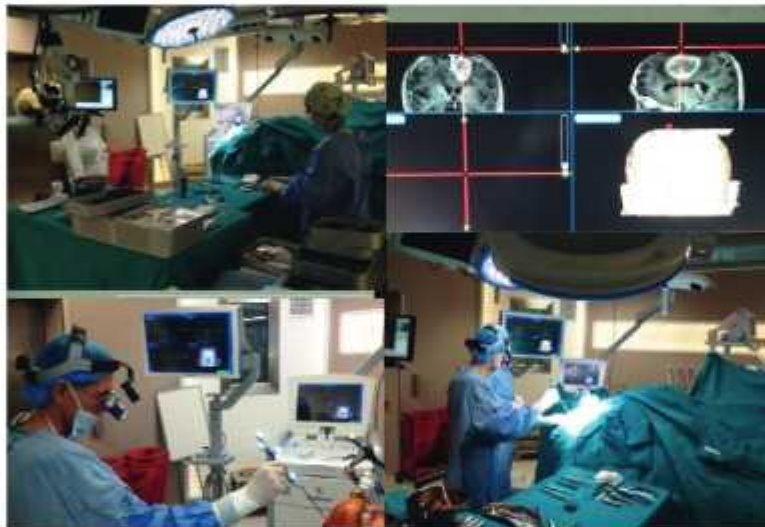
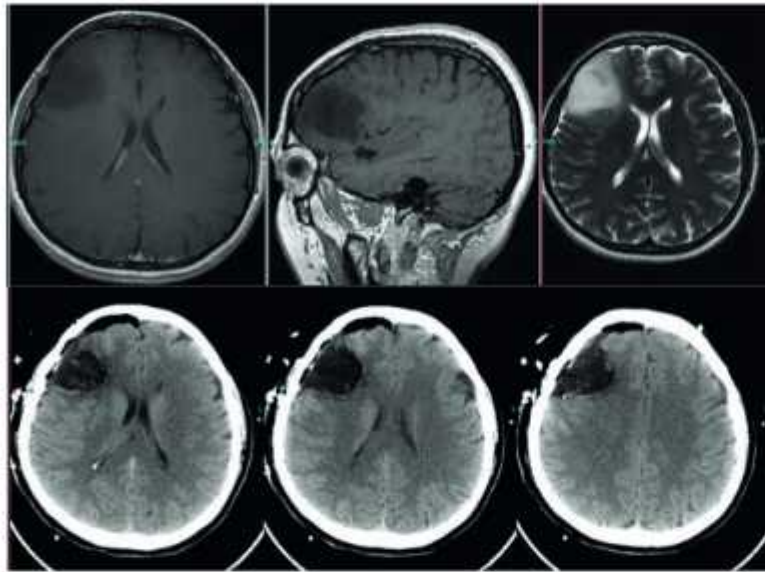
Radiologic examination of a patient with dystonia who had received a bilateral GPi DBS implant



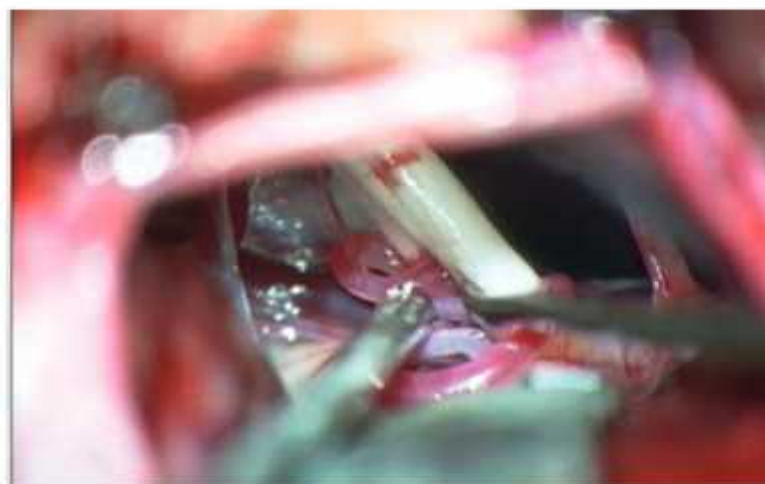
Radiologic examination of a Parkinson's patient who had received a bilateral STN DBS implant







Pre-op (upper level) and post-op (lower level) MR images of a patient diagnosed with left frontal glial mass; navigation-guided gross total tumor resection



Microvascular decompression (MVD) being used to treat left side hemifacial spasm; pons, left facial, acoustic nerve and anterior inferior cerebellar artery complex

## CHEST SURGERY DEPARTMENT

Our **Chest Surgery Department** specializes in surgery for lung cancer and lung metastases, supported by the latest technology. Examples include robotic surgery, video thoracoscopic interventions, and Intra Operative Radiotherapy. In addition, surgery is conducted for mediastinum and chest wall tumors, chest wall deformities (shoemaker chest and pigeon chest deformities), and diaphragmatic diseases, as well as invasive diagnostic methods, endobronchial treatment, and excessive hand sweating (ETS) surgery.

**A case of Malign Pleural Mesothelioma:**  
Treatment with a Left Extrapleural Pneumonectomy

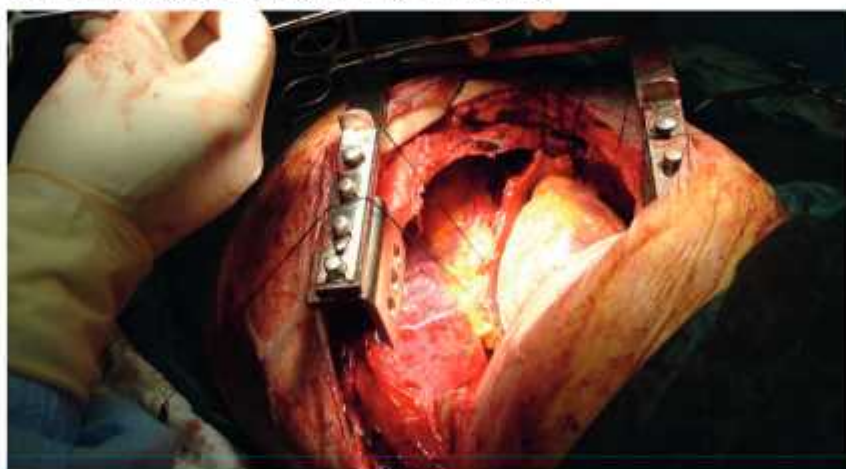


Image 1: the left lung has been removed (left pneumonectomy), the pericardia (heart membrane) and left hemidiaphragm resection has been completed; the left pleural cavity, heart, the diaphragm remaining in the base of the heart, the spleen and abdominal organs are visible.

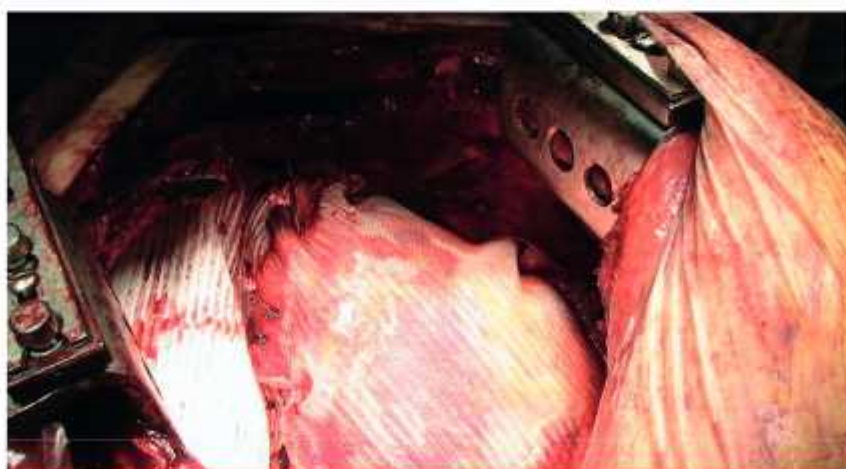


Image 2: After reconstruction of the pericardia with prolene mesh and the diaphragm with Gore-tex.



A case of diagnosed recurrent malignant fibrous histiocytoma (the patient had previously undergone surgery three times at two other centers)



Image 1: Widespread recurrent mass over an area extending over the chest wall, ribs, muscle and subcutaneous tissue to the skin itself.



Image 2: A wide chest wall resection was performed.



Image 3: The diaphragm, and the right upper and lower lobes of the lung, are visible after rib resection.



Image 4: After chest wall reconstruction using a Gore-tex patch, our plastic surgeon performed a repair using muscle-skin flap and partial thickness skin graft.

## PEDIATRIC SURGERY DEPARTMENT

**The Pediatric Surgery Department has surgically treated a total of 338 patients since our opening.**

As Major Tumor Surgical Interventions, our clinic has performed surgery after Tumor Council evaluation in cases of mediastinal ganglioneuroblastoma, retroperitoneal teratoma recurrence, recurrent Wilms' Tumor – para aortic lymph node dissection and recurrence excision, malignant Type 3 sacrococcygeal teratoma, and Stage 4 Neuroblastoma, with problem-free monitorization. With a zero mortality rate, there has been no morbidity at our clinic beyond one case of resistive urinary tract infection.



Recurrent Wilms' (childhood) Tumor

With respect to Genito-urinary and Reconstructive Surgery, 2 cases of Vaginal Atresia (one stricture, the other primary), Persistent Cloaca - laparoscopically-assisted anorectal uretero vaginoplasty, 3 cases of Ureteropelvic Stenosis (one Laparoscopic) – are reported as following a normal infection-free course following annual check-up examinations. In addition, a case of epispadias reparation – repair of the neck of the bladder and the epispadias – was performed, resulting in a continent, cosmetically and functionally healthy penis.





Epispadias Repair

With the Video endoscopic procedures, Laparoscopic Appendectomy (3 cases), Laparoscopic Pyloromyotomy, Laparoscopic Pyeloplasty, Laparoscopic Heller Myotomy and Nissen fundoplication, Laparoscopically- assisted Persistent Cloacal Dissection and Colon Pull-Through procedures have been performed successfully; patients have been kept under close monitorization, reporting problem-free recoveries.



Mass on the Cecum, Ureteropelvic Stenosis, Persistent Cloaca



A Laparoscopic Pyloromyotomy performed on a 4-month old baby

IN 2014  
OUR ENT  
CLINIC

PATIENTS  
SURGICALLY  
TREATED

348

OUTPATIENTS  
EXAMINED

4.152

## EAR, NOSE AND THROAT (ENT) CLINIC

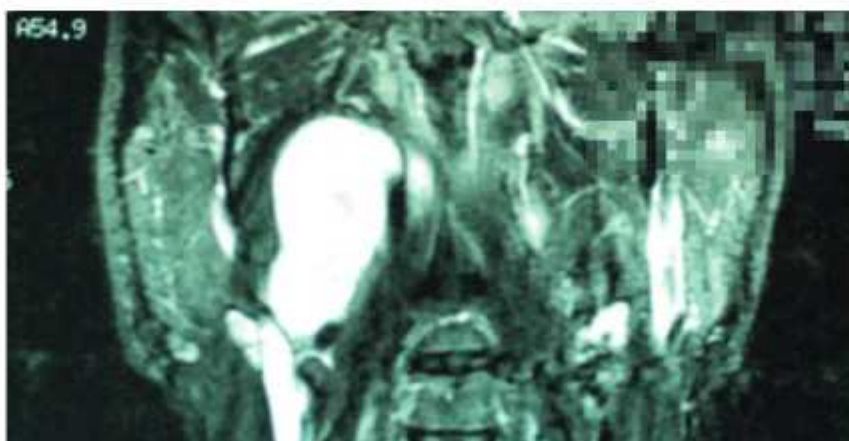
As well as carrying out basic surgical interventions to treat diseases and conditions of the ear, nose and throat, our ENT Clinic also offers specialized treatments only available at a few health institutions on the world.

Specialized operations such as navigation-guided endoscopic anterior skull base surgery, major head and neck cancer surgery and microvascular anastomosed free flap reconstructions, are carried out at the Clinic.

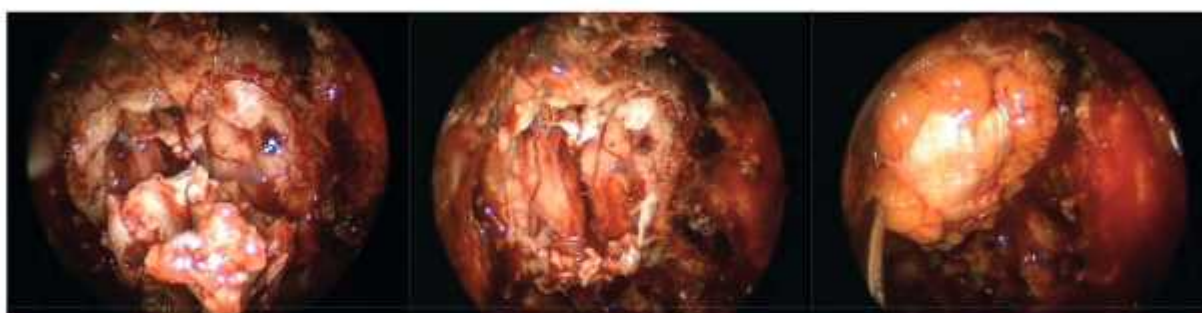
In addition, partial laryngectomy techniques and organ protection protocols implemented in cooperation with our radiation oncology clinic enable us to treat throat cancer cases without having to remove the entire larynx.



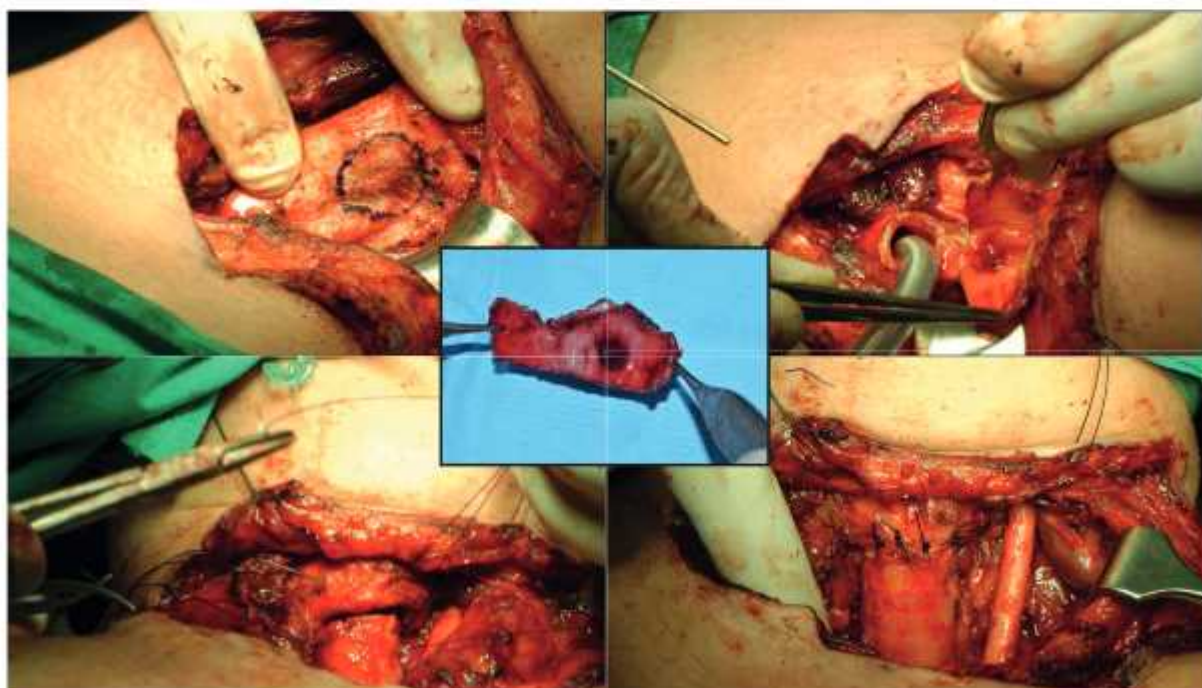
Trans-cervical approach to parapharyngeal masses.







Endoscopic anterior skull base + dura resection and primary repair in a case of invasive paranasal sinus cancer to the anterior skull base.



Tracheal resection and end to end anastomosis in a case of parathyroid cancer that has infiltrated the trachea and recurred after 3 previous surgical interventions

10

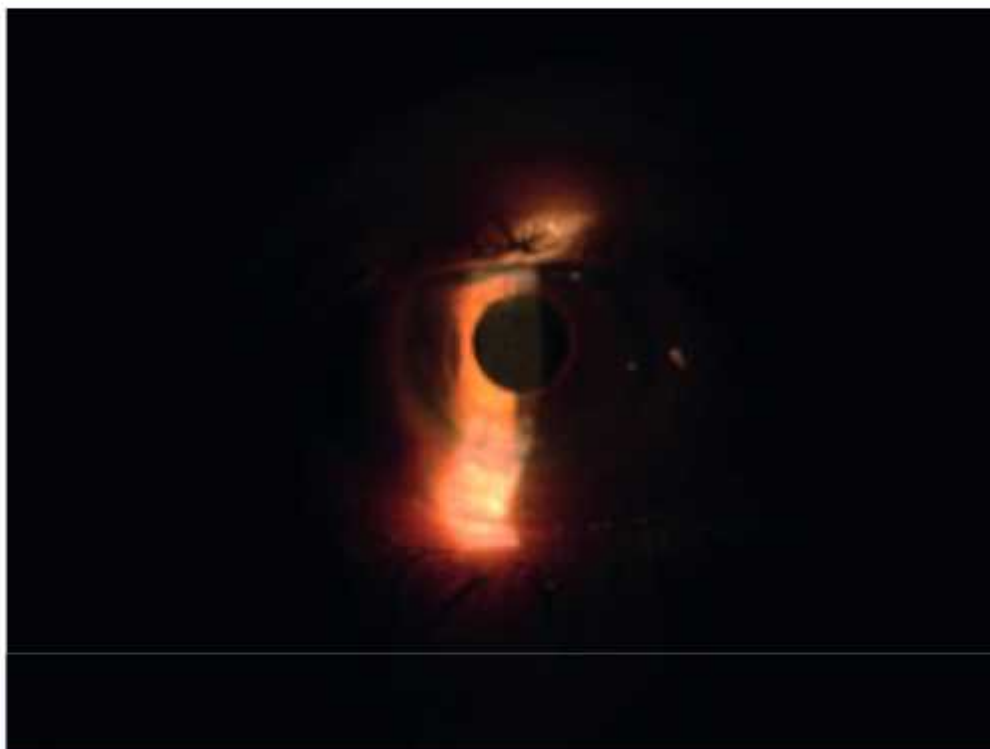
## OPHTHALMOLOGY

EXAMINATIONS  
PERFORMED

4.540

OPERATIONS  
PERFORMED

895

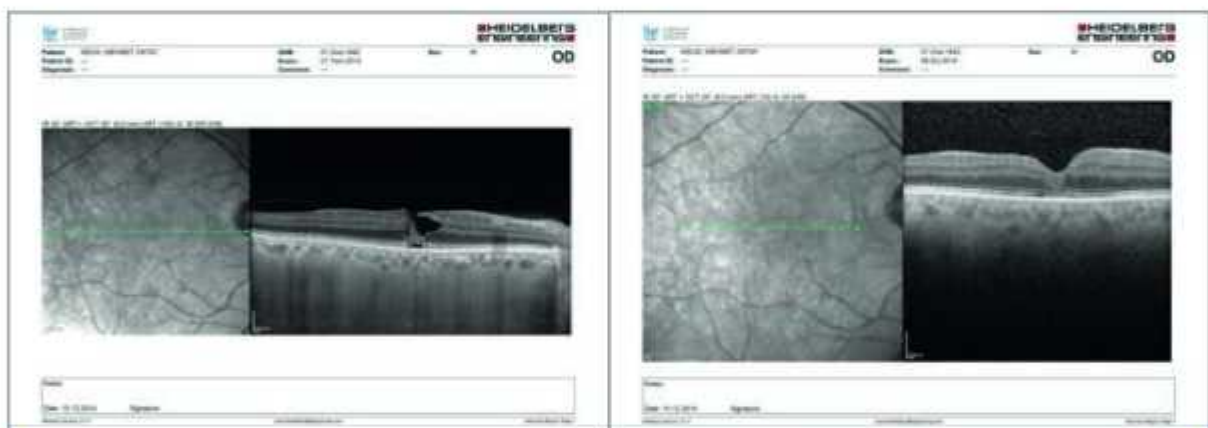


Dyed Iris IOL + Keratoplasty



Correction of scar tissue in the central area of the cornea by excimer laser topo-linked PRK + PTK.





11

## ORTHOPEDY CLINIC

IN 2014  
**11.035**  
IN 2013  
**5.800**

PATIENTS  
EXAMINED



33 MAKOpasty (Robotic Unicdyar Knee Replacement) procedures have been carried out on 22 patients

IN 2014  
**2.152**  
IN 2013  
**600**  
SURGICAL  
INTERVENTIONS



Radiographic findings before and after MAKOpasty

SPECIALIZED SURGERIES	IMAGES ANALYSIS	RECONSTRUCTION AND REPAIR
~20	~30	~50





Successful avulsion amputation + replantation of the little finger on the dominant hand of a 34 year old female patient.



A patient with Sacrum Recurrent Giant Cell Tumor was treated with hemi sacrectomy tumor resection and ilio-sacral fixation.



A patient with 105 degree angle neuromuscular scoliosis (Charcot-Marie-Tooth Disease) was treated with Posterior Instrumentation and Fusion.

## ORTHOPEDY CLINIC



A case of Giant Cell Tumor that had been treated; only with implementation of the new Denosumab treatment method could the tumor boundaries be calcified and the size of the tumor reduced.



Resection + prosthesis procedure



## OBSTETRICS AND GYNECOLOGY

Major oncologic surgical interventions are carried out laparoscopically and robotically at our **Obstetrics and gynecology**.

### Non-surgical clinical activities

#### Total number of examinations:

- Obstetrics and gynecology \_\_\_\_\_ **4.445**

#### In Vitro Fertilisation Clinic Data:

- OPU \_\_\_\_\_ **957**
- IUI (in utero insemination) \_\_\_\_\_ **122**
- Embryo Transfer \_\_\_\_\_ **437**



Image 1-2: HIPEC catheter entry points and a view during the procedure

## OBSTETRICS AND GYNECOLOGY

After taking the cosmetic implications into account, a single-port myomectomy was carried out on a young patient with a 7 cm subserous myoma; Dr. Advincula's was used EXCITE technique to remove the myoma from the abdomen within an endobag without using a morcellator to avoid the possibility of the myoma spreading to the patient's stomach during the removal procedure (Images 11-12).



**Image 11-12:**  
Single-port endobag myoma removal, showing materials used and extracted tissue





## BIOCHEMISTRY DEPARTMENT

### Clinical Procedures

259,818 tests were carried out at our Biochemical Department in 2014, an increase of 84.5% over 2013.

	2013 (%)	2014 (%)	IMPROVEMENT (%)
Erroneous Reporting	0	0	-
Delay Rate in Normal Testing	1.01	0.06	94.0
In Emergency Testing	2.79	1.51	45.9
Pre-analytic Delay / Error Rate	1.49	1.42	4.7
Analytic Error Rate	0.08	0	100.0
Post-analytic Error Rate	0	0	-

## ENDOCRINOLOGY AND METABOLIC DISEASE CLINIC

The **Endocrinology and Metabolic Disease Clinic** conducted 1,140 medical examinations and 181 consultations between January and December 2014, a total of 1,321. The figure for 2013 was 947.

## PAIN CLINIC

Specialized invasive procedures carried out at the **Pain Clinic**



Battery technique in the treatment of migraine



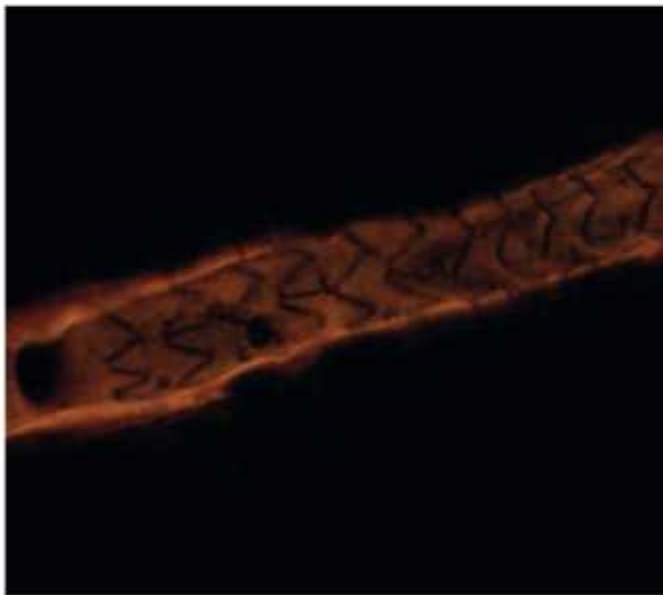
Radiofrequency treatment in treating back and lower back pain

Pulse modulation radiofrequency treatment for fibromyalgia



## CARDIOLOGY DEPARTMENT

**For the first time In Turkey**, hemodynamically suspect lesions can be evaluated during angiography at our Cardiac Catheterization laboratory using **Integrated wireless FFR (St. Jude Medical)**. Advanced intra coronary imaging 3D OCT (optical coherence tomography) is employed in complex coronary interventions.



3D OCT achieves detailed intra coronary imaging and detailing of the stenting procedure.

**P2Y12**  
inhibitors and  
**thrombus**  
**aspiration**  
in acute coronary  
syndrome



The most advanced guidance systems are used in the treatment of patients with acute coronary syndrome. The P2Y12 inhibitor entered our hospital protocols at the same time as Europe and the United States. The success of the procedure is increased with manual thrombus aspiration.

16

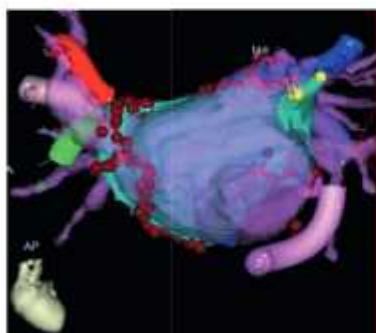
IN 2014  
WE CARRIED OUT  
**1.117**  
PROCEDURES

A RISE OF  
**%100**  
OVER 2013

## CARDIOLOGY DEPARTMENT

There are additional procedural and treatment advantages in deciding to employ integrated 3D optical coherence tomography and fractional flow reserve measurements in coronary angiography. These technological facilities are in 24-hour use at our Department.

- Coronary angiography \_\_\_\_\_ %57
- Percutaneous coronary interventions \_\_\_\_\_ %19
- FFR \_\_\_\_\_ %8
- Other procedures  
(intracoronary imaging, permanent pacing, electrophysiological studies - ablation, complex mapping, ICD implantation, renal denervation, peripheral interventions and percutaneous ASD closure)



### Also at our cardiology laboratory,

- Pacemaker monitoring and check-ups for 200 pacemaker patients
- 44 electrophysiological studies and catheter ablations
- 48 permanent pacemaker implantations







## ECHO at the TAVI center

Detailed real-time 4D echocardiographic heart valve evaluation enables the operator to see detailed images during the course of surgical procedures or TAVI (Transcatheter Aortic Valve Implantation).

Arrhythmia treatment success rates are increased by the ability of complex mapping methods to provide fine detail during electrophysiology and ablation procedures.

**'Advanced Electrocardiography Applications'** such as 4-dimensional echocardiography, subclinical cardiac dysfunction analysis (Speckle tracking), subclinical atherosclerosis imaging (carotid intima-media thickness measurement), stress echocardiography, carotid Doppler ultrasound, cardiac resynchronization therapy (CRT) for systolic dyssynchrony assessment and CRT optimization applications are employed.



### Transthoracic echocardiography applications: \_\_\_\_ %92.8

- 2D and 4D echocardiography \_\_\_\_ %35
- 2D echocardiography \_\_\_\_ %50
- 2D and 4D Speckle Tracking applications \_\_\_\_ %10
- CRT optimization \_\_\_\_ %4
- Stress echocardiography \_\_\_\_ %1

### Transesophageal echocardiography (TEE) interventions \_ %2.4

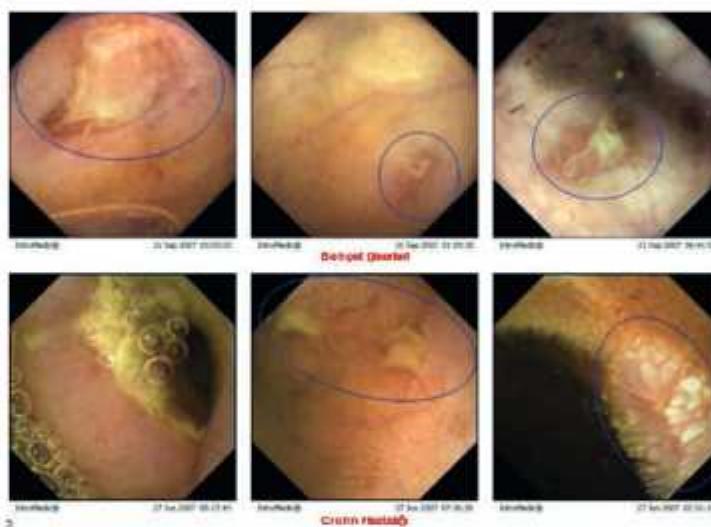
- 2D and 4D echocardiography \_\_\_\_ %85
- Contrast echocardiography \_\_\_\_ %15

### Carotid and Vertebral Artery Doppler USI \_\_\_\_ %4.8

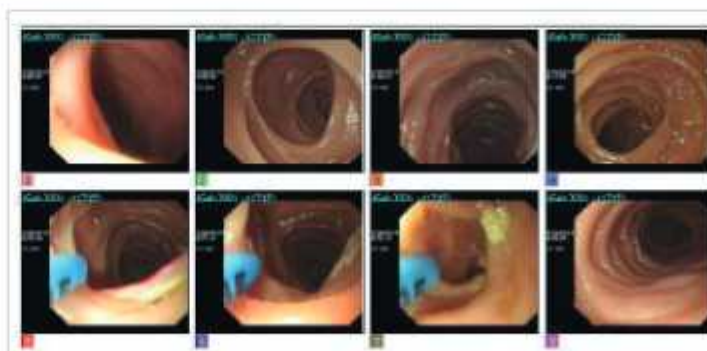
## GASTROENTEROHEPATOLOGY DEPARTMENT

The **Gastroenterohepatology Department** employs Upper Gastrointestinal Endoscopy, Lower Gastrointestinal Endoscopy, Endoscopic Retrograde Cholangiopancreatography (ERCP), Endoscopic UltraSonography (EUS), Video Capsule Endoscopic Examinations and Radiofrequency Ablation, Yttrium 99 Microsphere Treatment and / or Transcatheter Arterial Chemoembolization (TACE) and Transjugular Intrahepatic Portosystemic Shunts (TIPS).

Video Capsule Endoscopy examples  
(ulcers, polyps and tumoral lesions  
in the small intestine)



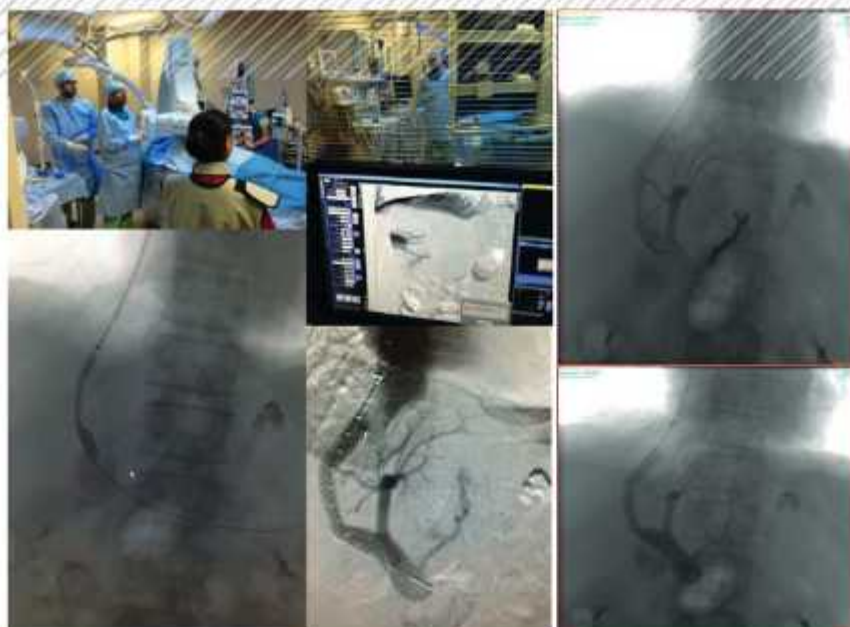
Double Balloon Enteroscopy



Stomach antrum tumor-related outlet  
obstruction (passage formed by  
placing an endoscopic stent)



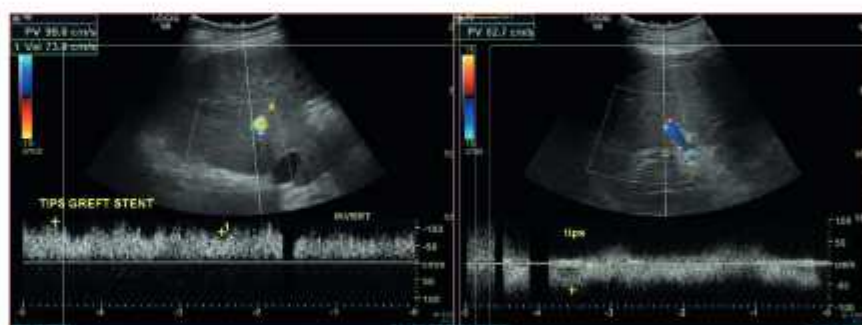




TIPS (Transjugular Intrahepatic Portosystemic Shunt) and concurrent coronary vein embolization being carried out in multidisciplinary cooperation between the gastroenterologist (hepatologist), interventional radiologist and liver surgeon, on a patient with cirrhosis of the liver with varicose bleeding that could not be brought under control using endoscopic and medical therapy.



CT evaluation of TIPS patency



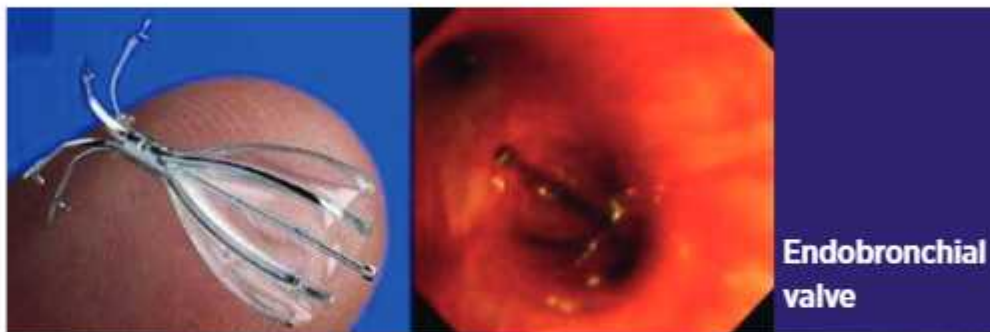
Doppler USI evaluation of TIPS patency



Grade 2-3 varicose esophageal bleeding viewed prior to TIPS (left); the post-TIPS image (right) shows the bleeding has been staunched.

18

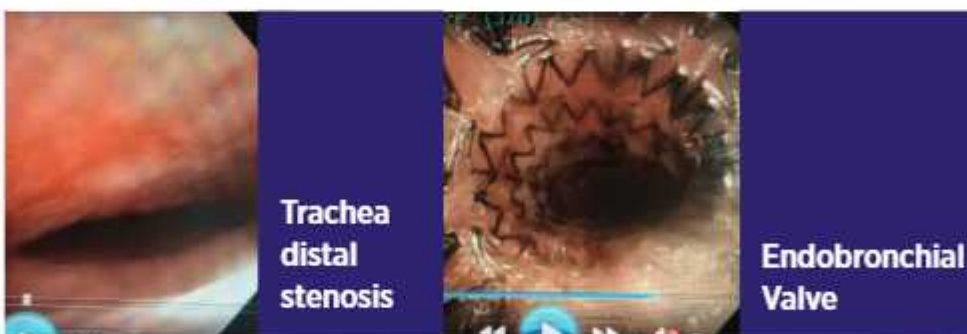
## CHEST DISEASE CLINIC



Endobronchial valve



EBUS subcarinal LN sampling



Trachea distal stenosis

Endobronchial Valve

Argo plasma coagulation applied to Tumor blocking left upper bronchus



Pre-APC tumor obstructing the left upper lobe bronchi

Post-APC – the airway has been opened

1.233

EXAMINATIONS  
CARRIED OUT  
AT OUR  
CHEST CLINIC;

### PROCEDURES CONDUCTED

SFT: 1.280  
AT: 127

BRONCHOSCOPY: 51  
(10 Interventional  
bronchoscopies – EBUS,  
stenting, APC,  
endobronchial valve))



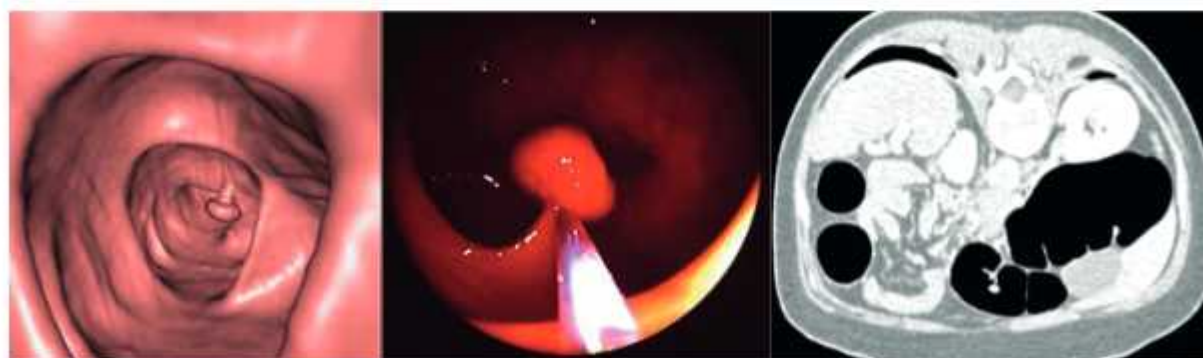
## RADIOLOGY CLINIC

Examinations carried out at the Radiology Clinic  
in 2014, by examination type:

EXAMINATION TYPE	Total
Magnetic Resonance (MRI)	5,497
Computed Tomography (CT)	3,690
X-ray	13,486
Mammography	1,399
USI- Color Doppler	6,502
Bone Densitometry	234
Fluoroscopy	66
Interventional procedures	182
Biopsies	134
<b>Total</b>	<b>34,292</b>

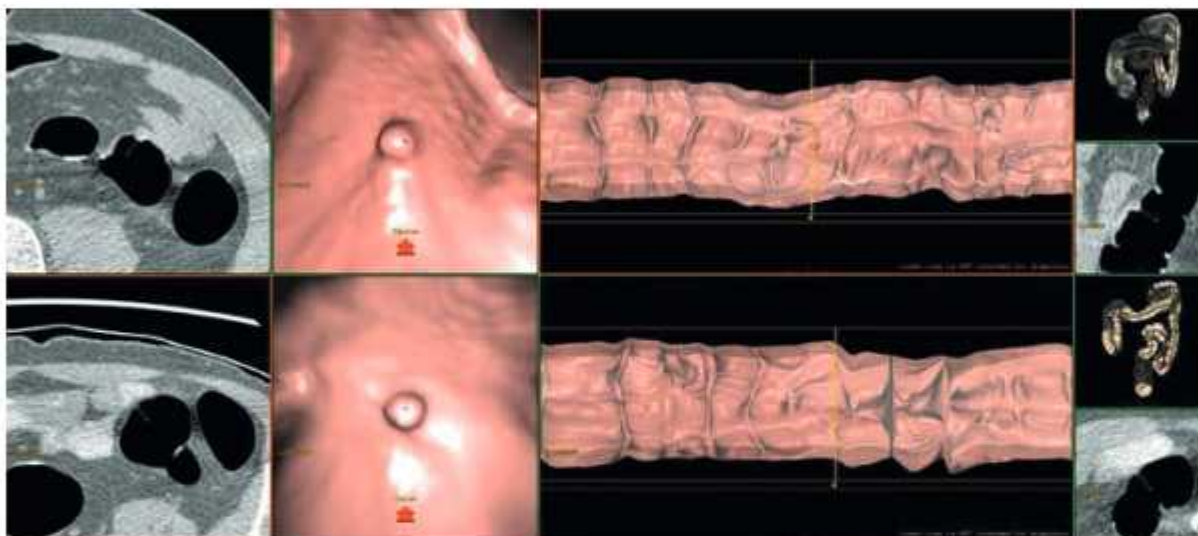


### Virtual Colonoscopy

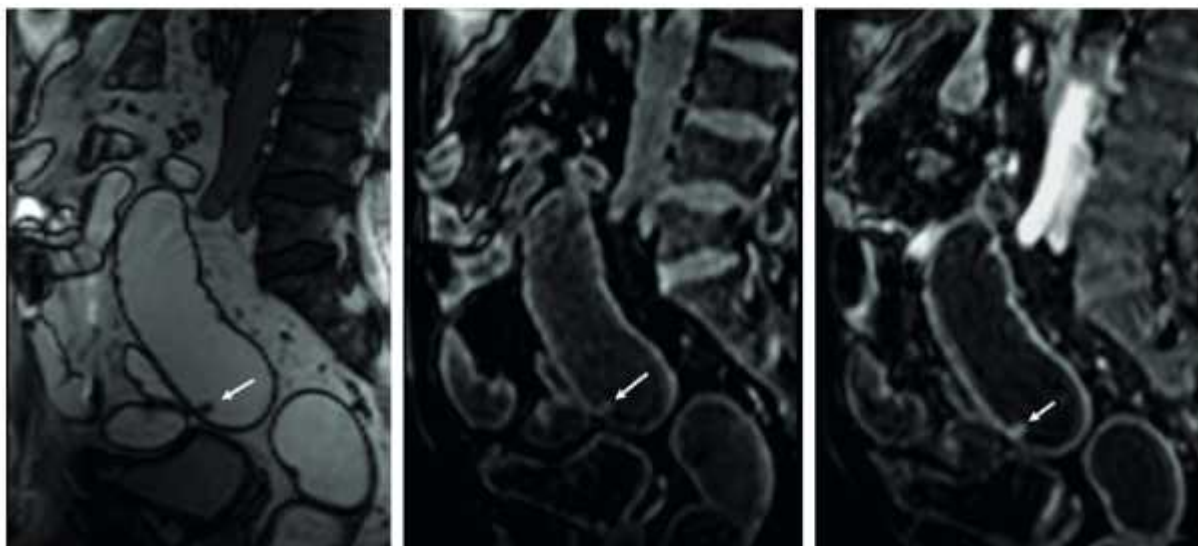


## RADIOLOGY CLINIC

### Virtual Colonoscopy



**MR Colonography:** the MR equipment is able to perform the same functions as CT virtual colonoscopy, without radiation.





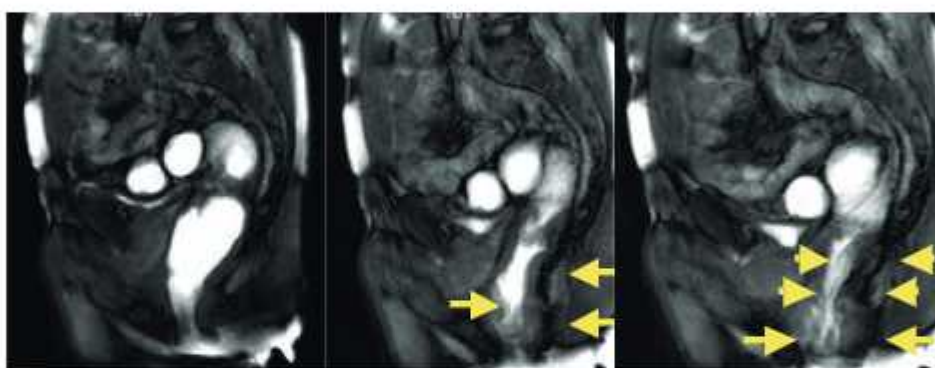


Images of polyps shown to be non-invasive by MR Colonography

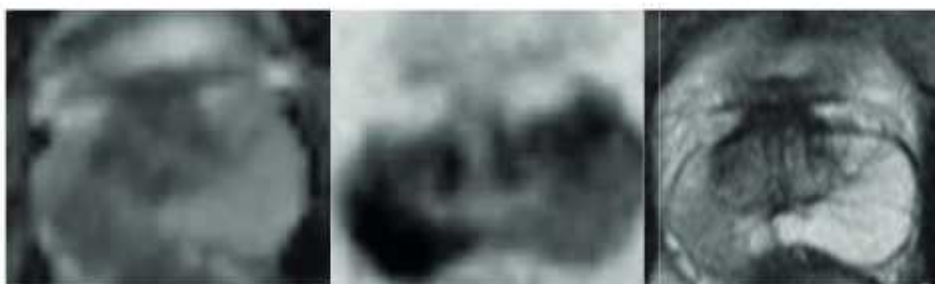


## RADIOLOGY CLINIC

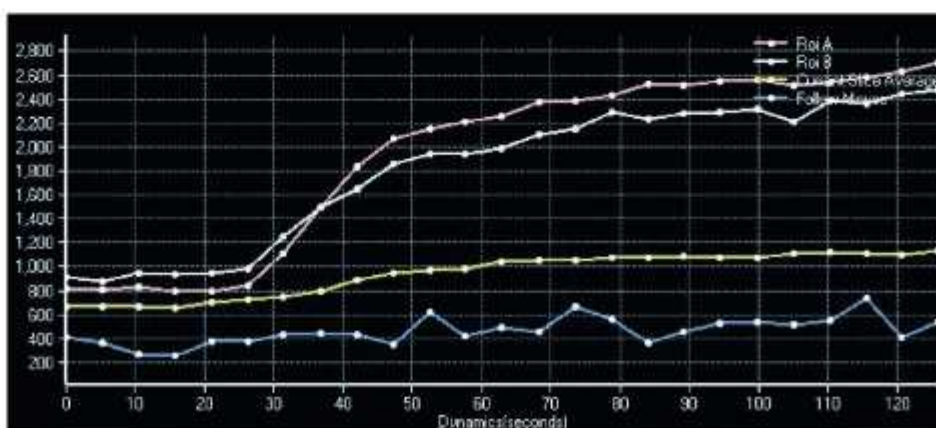
**MR Defecography;**  
achieves functional  
imaging in cases of  
anorectal disease.



**MR Defecography**  
cine-imaging of a  
prolapse in a rectal  
prolapse case.



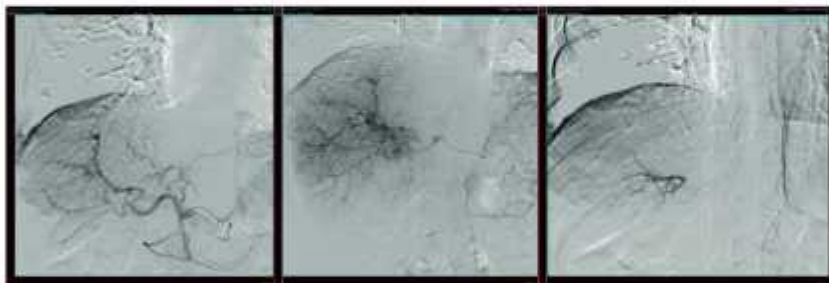
**Multiparametric  
Prostate MR;**  
a new imaging  
technique that  
incorporates  
diffusion, perfusion  
and dynamic  
analysis in prostate  
cancer cases.



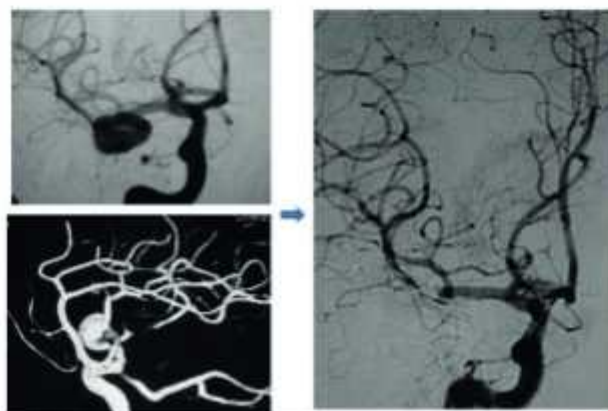




Hepatocellular Carcinoma Transarterial Chemoembolization (TACE) with embolization and local chemotherapy with a chemotherapeutic-containing particle, in a patient with Hepatitis C and alcohol-related cirrhosis of the liver



TACE – Angiography Images



Angiography images taken before (left) and after (right) placing of clips, in a case of right MCA Aneurism.

## NEUROLOGY CLINIC

The **Neurology Clinic** focuses on headaches, Migraine Botox applications, peripheral nerve and muscle disorders, Botox applications in movement disorders, sleep disorders, electromyography, electroencephalography (EEG) and Video Monitoring EEG.

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### Intraoperative Neural Monitoring





## PSYCHO-ONCOLOGY

**All diagnosed kanser cancer (?????????????) patients and those undergoing treatment are given individual therapy and group therapy support within the framework of our multidisciplinary therapy approach.**

The **'Cancer Journey Support Program'** was inaugurated in March 2014 and a website was created (<http://www.kanserleyolculuk.com/>). Both survivors, and patients still undergoing treatment, participate in this support group. Patients have the opportunity to express and talk about emotional aspects, gaining ideas and support. In addition a handbook entitles 'My Health Guide' was published, aiming to brief patients on what to expect during their treatment and the therapy services available to them; this briefing is also shared with patients during one-on-one meetings.

### PSYCHOLOGICAL SUPPORT IN BARIATRIC SURGERY

All gastric sleeve and by-pass patients undergo lifestyle changes in which they receive pre-op and post-op awareness raising support and briefings. Weekly 'Nutrition Psychology Support Groups' were held from January to April 2014 with a view to increase the effectiveness of the surgery and support patients in maintaining new long-term nutritional habits.



## REGENERATIVE MEDICINE STEM CELL RESEARCH AND PRODUCTION CENTER

Liv MedCell consists of two separate laboratories; our Good Manufacturing Practice (GMP) lab, and our R&D lab.

Our GMP laboratory is composed of a patient assessment and regenerative medicine clinic, sterile rooms, quality control lab, a biopsy room, a minor surgical procedure room, recovery room, admissions office, and controlled access areas.

The R&D laboratory comprises molecular biology, cell culture, flow-cytometry, and immunohistochemistry laboratory units.

Fibroblasts, chondrocytes, umbilical cord mesenchymal stem cells, synovium-derived mesenchymal stem cells, and adipose tissue derived mesenchymal stem cells are produced.

Fibroblasts are employed in the treatment of chronic wounds, facial wrinkles, skin cracks, acne and burn treatments.

Chondrocytes are used in treating cartilage injuries, tendon injuries and tendonitis / tendinosis problems, joint degeneration, and sports injuries.

Due to the strong immune suppressive effects, Mesenchymal stem cells are utilized in the prophylaxis and treatment of acute post-allogeneic stem cell transplantation GVHD.

Cytori and stromal vascular fraction fat grafts are enriched with adipose derived stem and regenerative cells for implantation into the required part of the body.

**liv** MedCell





## NUCLEAR MEDICINE AND RADIONUCLIDE THERAPY

The **Nuclear Medicine and Molecular Imaging Department** is fully equipped to carry out the most advanced diagnostic and treatment applications including 3D anatomic and functional positive emission tomography (PET/CT) evaluations; the department also has the technology and equipment to conduct state-of-the-art positive emission mammography (PEM) that obtains specific positron images and is only available in a few centers in the world. This is in addition to routine gamma imaging using gamma cameras.

Radioactive iodine therapy, **yttrium-90** microsphere therapy and samarium **153** therapy are also administered in appropriate cases.

Two specially equipped treatment rooms are available for radionuclide therapy applications; the number of patients treated in 2014 was **1,061**.

### RADIOACTIVE IODINE TREATMENT

At our hospital, Radioactive Iodine ( $I-131$ ) therapy is administered to remove remaining thyroid tissue after surgery for thyroid cancer, a type of cancer that develops in the cells of the thyroid gland.

### YTTRIUM-90 MICROSPHERE THERAPY

Liver cancer patients who can't be treated surgically undergo chemotherapy and radiotherapy. In cases that do not respond to these forms of therapy, the Radioactive Microsphere method, in which radioactive material is selectively placed in the liver tumor by means of angiography. The microspheres are signposted with radioactive material known as Y-90. Healthy tissue is thus not adversely affected by radiation.

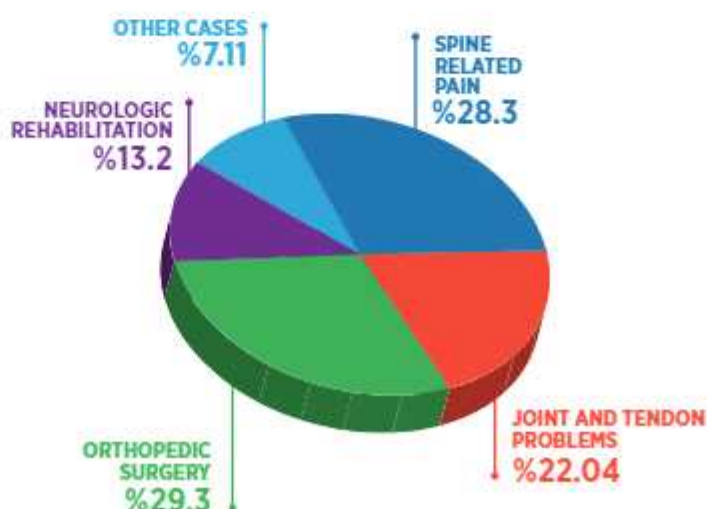
### SAMARIUM 153 THERAPY

Samarium-153 palliative systemic therapy is used to prevent or reduce pain in patients with widespread bone metastasis. Sm-153 therapy achieves pain control in cases of analgesic and morphine-resistant pain, mostly bone metastasis cases.



## PHYSICAL TREATMENT AND REHABILITATION CLINIC

Our **Physical Treatment and Rehabilitation Clinic** represents a branch of medicine that deals with conditions such as joint, muscle and tendon disorders, spinal problems, neurological disorders, fractures, and osteoporosis. The main objectives in physiotherapy and rehabilitation are pain relief, regaining function, and increasing the patient's capacity and skills in his or her daily activities.





## DEPARTMENT OF PEDIATRIC HEALTH AND DISEASES

Our Department examined **10.768** patients in 2014.

- Pediatric Health and Diseases
- Pediatric Allergies and Chest Diseases
- Pediatric Cardiology
- Pediatric Gastroenterology
- Pediatric Endocrinology
- Pediatric Hemato-Oncology
- Pediatric Neurology
- Child Development



Nutrition was restored by means of ultrasound accompanies attachment of a "pigtail" drain in the stomach of a premature baby boy with a trachea esophageal fistula. The boy, in the 29th week of gestation, underwent a percutaneous jejunostomy opening.



A newborn baby underwent surgery by our Cardiovascular Surgery team after being diagnosed immediately with aortic coarctation; the baby staged a full recovery.

# 25

## %50

OF OUR NEONATAL  
INTENSIVE CARE  
UNIT CASES ARE

Treating and  
monitoring  
PREMATURE  
BIRTHS

under 30 weeks

## %10

30-37 weeks

## %50

more than 37 weeks

## %40

Mortality Rate:

## %4

Infection Rate:

## %0.5

## ONCOLOGY



Memorial Sloan-Kettering  
Cancer Center



<b>Tumor Councils</b>	<b>89 (for 570 patients) (Since the opening of the hospital)</b>
<b>Colorectal Cancer</b>	<b>% 27</b>
<b>Brain Tumors</b>	<b>% 18</b>
<b>Gynecologic Cancers</b>	<b>% 10</b>
<b>Urologic Cancers</b>	<b>% 9</b>
<b>Esophagus + Stomach Cancers</b>	<b>% 9</b>
<b>Liver Cancers</b>	<b>% 6</b>
<b>GIST+Intraabdominal mass+neuroendocrine+endocrine</b>	<b>% 5</b>
<b>Lung Cancers – Medlastinal Cancers</b>	<b>% 5</b>
<b>Breast Cancers</b>	<b>% 4</b>
<b>Pancreatic Cancers</b>	<b>% 4</b>
<b>Head and Neck Tumors</b>	<b>% 1</b>
<b>Bone Tumors</b>	<b>% 1</b>
<b>Pediatric Tumors</b>	<b>% 1</b>



## RADIATION ONCOLOGY

<b>• Number of Radiotherapy Sessions</b>	<b>10.028</b>
<b>• Number of Radiotherapy Patients</b>	<b>451</b>
<b>• Distribution of Therapy</b>	
- Conformal	<b>15</b>
- IMRT/VMAT	<b>398</b>
- Stereotactic	<b>38</b>





## INTENSIVE CARE UNIT

28

Our hospital provides intensive postoperative monitoring and treatment support, especially for patients who have undergone major oncological surgery (such as cytoreductive, HIPEC, IORT etc.).

51% of our patients in 2014 were admitted following elective major surgery.

Pediatric patients who are admitted after major oncological surgery are given intensive care, monitoring and treatment; all were discharged in a recovered state.



Our patients are mobilized as soon as feasible in order to prevent complications associated with long periods of being bedridden.



## INTENSIVE CARE UNIT



Patient-specific councils are set up to improve the clinical outcomes of General ICU cases. Decisions reached at these Councils are discussed with the patient's family and loved ones.



The patient's loved ones are allowed to be with them as much as possible in order to give them support, even in cases of invasive mechanical ventilation and cardiovascular support (eg. Intra Aortic Balloon).



Veno-venous ECMO (extracorporeal membrane oxygenation) is administered in acute respiratory failure cases at our ICU.



## Check-Up

Total Check-Ups 3.542

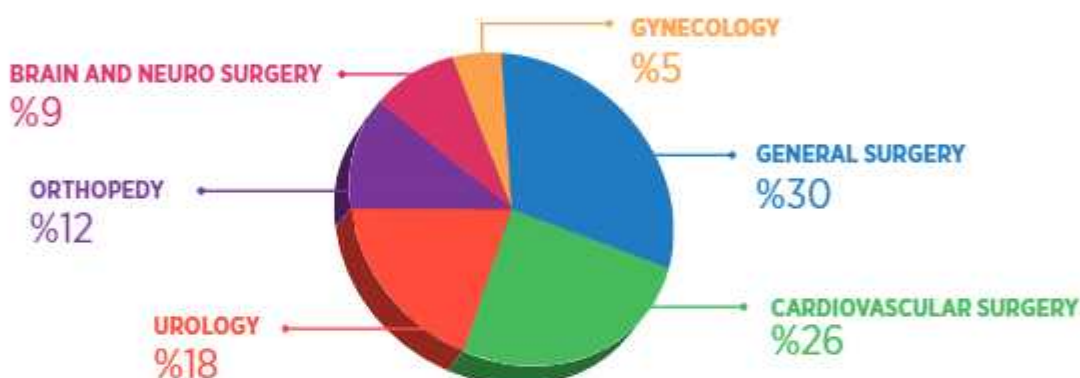


## MORTALITY AND MORBIDITY

### I. Mortality in Geriatric Patients Undergoing Major Surgery:

Total number of patients:	252
Average age group:	71 (65-102)
General Mortality:	% 1,58
30-day Mortality:	% 0,8

### Percentage of Geriatric patients undergoing surgery distributed by departments:



### General Intensive Care Mortality:

While the predicted mortality rate in 46 cases requiring post-op ICU care was 15.2%, the actual rate was 0%.

### II. General Mortality using APACHE II scoring:

- While the predicted mortality risk was 18%,
- The actual rate was 6%.

#### Geriatric Patient Mortality

Over the age of 65 (24%)

- While the predicted mortality risk was 30%,
- The actual rate was 11%

Over the age of 85 (17%)

- While the predicted mortality risk was 30%,
- The actual rate was 3%

### III. General infection rate of the patient

The basic infection rate and surgical field rate in our hospital in 2014 was below 1%. Infection rates at our hospital, in which major surgical interventions are performed, remained below international standards and target values.



## QUALITY MANAGEMENT STANDARDS: 2014 DATA

31

	TARGET	2014
<b>Cerrahi İşlemler / Surgical Procedures</b>		
Cerrahi Alan Enfeksiyon Hızı Surgical Site Infection Rate*	2.0%	0.5%
<b>Antibiyotik ve Diğer İlaçların Kullanımı / Antibiotic and Other Medication Use</b>		
Cerrahi İnsizyondan Önce 1 Saat İçinde Profilaktik Antibiyotik Verilme Oranı Rate of Prophylactic Antibiotic Starting within 1 Hour Before Surgical Incision	90%	100.0%
Cerrahi Profilaksi için Uygun Antibiyotik Başlanma Oranı Rate of Using Appropriate Antibiotic for Surgical Prophylaxy"	90%	99.70%
Cerrahi Sonrası Belirlenen Sürede Profilaktik Antibiyotik Kesilme Oranı Rate of Stopping Prophylactic Antibiotic After Surgery in The Defined Timeframe	90%	96.2%
<b>Risk Yönetimi / Risk Management</b>		
Bası Yarası Gelişen Hasta Oranı Rate of Pressure Ulcer Growing Inpatients	0.0%	0.02%
<b>Kaynak Yönetimi / Utilization Management</b>		
Ortalama Yatış Süresi Average Length of Stay	2	2.1
<b>Hastaların, Ailelerin ve Çalışanların Güvenliğini tehlikeye Atan Olayların Önlenmesi ve Kontrolü / Prevention and Control of Events that Jeopardize The Safety of Patients, Families and Staff</b>		
Ameliyathanede Elektrikli Cihaz Yanığı Gelişme Oranı Rate of Electrical Device Burns in the OR	0%	0.0%
Gazlı Bez/Alet/Batın Kompres Sayım Eksikliği Görülen Ameliyat Oranı Rate of Operations with Missing Gauze/Surgical Tools/Compresses	0.20%	0.0%
IV Kanülasyon Sonrasında Tromboflebit Gelişme Oranı Rate of Thrombophlebitis Prevalance Related to IV Cannulation	0.005	0.0
<b>Uluslararası Hasta Güvenliği Hedefleri / The International Patient Safety Goals</b>		
Ameliyata Yanlış İndirilen Hasta Oranı Rate of Patients Incorrectly Transferred to the OR	0%	0.0%

## OUR SCIENTIFIC ACTIVITIES

### 1. Scientific and Medical Council Meetings

Regular scheduled weekly meetings are held in our hospital.

• Difficult cases	42
• Morbidity / mortality meetings	13
• Doctors' conferences	39
• Cardiology Councils	47



A Pediatric Oncology Group was set up gathering together specialists from the branches of Pediatric Surgery, Pediatric Oncology, Radiation Oncology, Nuclear Medicine, Interventional Radiology, and Pediatric Healthcare.

### Fellowship Programs

10 doctors, 27 nurses and 4 technicians from 21 countries have completed Fellowship Programs.



## Liv Hospital's Publications and University Comparisons

A number of bodies conduct world university rankings. Yet most of them share the same basic criteria in their ranking systems. These include the proportion of graduates / faculty members with Nobel or Fields Medal prizes, members in the most referenced rankings in the world, articles published in Nature and Science journals, the number of articles published in SCI and SCI-expanded journals, computed as a per-faculty member points system.

10 Turkish universities are listed in at least one of the rankings produced by a total of 8 bodies\*. The per-faculty member number of articles published by these universities ranges from 0.53 – 1.15. Liv Hospital has a total of 61 faculty members – 35 professors, 22 associate professors and 4 assistant professors, whose total number of original articles, book chapters, case papers and other publications reached 72\*\*.

Representing a per faculty member rating of 1.18, Liv Hospital compares favorably with our very top ranking universities in terms of world rankings.

### Sources:

\* URAP (University Ranking by Academic Performance). World rankings of 155 Turkish universities in 2014. [www.urapcenter.org](http://www.urapcenter.org) 23 December 2014.

\*\* URAP (University Ranking by Academic Performance). Universities' total number of published pieces (SCI, SSCI, AHCI) + Number of Publications per Faculty Member (SCI, SSCI, AHCI). [www.urapcenter.org/2010/2010\\_10\\_dt1.php](http://www.urapcenter.org/2010/2010_10_dt1.php)

## 1. Domestic and International Papers and Verbal Presentations, Conferences and Panel Discussions with Liv Participation

Liv doctors participated as guest speakers or trainers and presented papers at a total of 192 domestic and international congresses, symposia and courses.

## 2. Scientific Research and Articles with Liv Participation

1. Helvacioğlu F, Yildirimtürk O, Duran C, Yurdakul S, **Tayyareci Y**, Ulusoy OL, Aytekin S. The evaluation of mitral valve stenosis: comparison of transthoracic echocardiography and cardiac magnetic resonance. *Eur Heart J Cardiovasc Imaging*. 2014 Feb;15(2):164-9.

2. Lovic D, Erdine S, Catakoğlu AB. How to estimate left ventricular hypertrophy in hypertensive patients. *Anadolu Kardiyol Derg*. 2014 Jun;14(4):389-95.

## OUR SCIENTIFIC ACTIVITIES

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3. Kurtoğlu Gümüsel H, Çatakoğlu AB, Yıldırım Türk Ö, Yurdakul S, Helvacıoğlu F, Ziyrek M, Hanavdeloğulları R, Aytekin V, Aytekin S. Relationship between endothelial dysfunction and cardiovascular risk factors and the extent and severity of coronary artery disease. *Türk Kardiyol Dern Ars.* 2014 Jul;42(5):435-43.

4. Laparoscopic resection rectopexy with preservation of the superior rectal artery, natural orifice specimen extraction, and assessment of anastomotic perfusion using indocyanine green imaging in rectal prolapse. Can MF, Asoglu O, Lapsekili E, Demirbas S. *Dis Colon Rectum.* 2014 Dec;57(12):1441.

5. Adjuvant chemoradiotherapy after D2 resection in gastric cancer: a single-center observational study. Kaytan Sağlam E, Yucel S, Balık E, Sağlam S, Asoglu O, Yamaner S, Bugra D, Oral EN, Kizir A, Kapran Y, Sakar B, Akyuz A, Gulluoglu M. *J Cancer Res Clin Oncol.* 2014 Sep 5.

6. The Role of the Laparoscopy on Circumferential Resection Margin Positivity in Patients With Rectal Cancer: Long-term Outcomes at a Single High-volume Institution. Dural AC, Keskin M, Balık E, Akici M, Kunduz E, Yamaner S, **Asoglu O**, Gulluoglu M, Bugra D. *Surg Laparosc Endosc Percutan Tech.* 2014 Aug 25.

7. Standardized laparoscopic sphincter-preserving total mesorectal excision for rectal cancer: long-term oncologic outcome in 217 unselected consecutive patients. **Asoglu O**, Kunduz E, **Rahmi Serin K**, Işcan Y, Karanlık H, Bakır B, Yeğen G, Gulluoglu M, Oral EN, Kapran Y. *Surg Laparosc Endosc Percutan Tech.* 2014 Apr;24(2):145-52.

8. Clinical significance of serum ADP-ribosylation and NAD glycohydrolase activity in patients with colorectal cancer. Varol B, Coşkun Ö, Karabulut S, Serin KR, **Asoğlu O**, Albeniz I, Taş F, Nurten R. *Tumour Biol.* 2014 Jun;35(6):5575-82.

9. Fourth versus eighth week surgery after neoadjuvant radiochemotherapy in T3-4/N0+ rectal cancer: Istanbul R-01 study. Sağlam S, Bugra D, Sağlam EK, **Asoglu O**, Balık E, Yamaner S, Basaran M, Oral EN, Kizir A, Kapran Y, Gulluoglu M, Sakar B, Bulut T. *J Gastrointest Oncol.* 2014 Feb;5(1):9-17.

10. Kendirci, M., R. Asci, O. Yaman, S. Cayan, I. Orhan, M.F. Usta, O. Ekmekcioglu, A. Kadioglu. "Prevalence of male pelvic dysfunction: results from the Turkish Society of Andrology Male Sexual Health Study Group," *Andrology* 2: 219-224 (2014).

11. Bayar, G., M. Kadihasanoglu, M. Aydın, U. Sariogullari, O. Tanriverdi, **M. Kendirci**. "The effect of stone localization on the success and complication rates of percutaneous nephrolithotomy" *Urol J* 11(06): 1938-1942 (2014).

12. Sılay, M.S., H. Toklu, A. Özağar, M. Aydın, Ş. Tetik, G. Şener, C. Miroğlu, **M. Kendirci**. "Montelukast prevents testes against ischemia-reperfusion injury through suppression of iNOS expression," *Turkish Journal of Urology*; 40(4): 221-7 (2014).

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13. Asthma knowledge level of child daycare center teachers in Istanbul, Turkey.

**Akcay A**, Tamay Z, Duksal F, Celtik C, Ergin A, Guler N. *Minerva Pediatr*. 2014 Aug;66(4):297-305.

14. Dietary habits and prevalence of allergic rhinitis in 6 to 7-year-old school children in Turkey. Tamay Z, **Akcay A**, Ergin A, Güler N. *Allergol Int*. 2014 Dec;63(4):553-62. doi: 10.2332/allergolint.13-OA-0661. Epub 2014 Jul 25.

15. Prevalence of allergic rhinitis and risk factors in 6- to 7-yearold children in Istanbul, Turkey. Tamay Z, **Akcay A**, Ergin A, Güler N. *Turk J Pediatr*. 2014 Jan-Feb;56(1):31-40.

16. Prevalence and risk factors of atopic eczema in Turkish adolescents. **Akcay A**, Tamay Z, Ergin A, Guler N. *Pediatr Dermatol*. 2014 May-Jun;31(3):319-25. doi: 10.1111/pde.12244. Epub 2014 Jan 29.

17. Risk factors affecting asthma prevalence in adolescents living in Istanbul, Turkey. **Akcay A**, Tamay Z, Hocaoglu AB, Ergin A, Guler N. *Allergol Immunopathol (Madr)*. 2014 Sep-Oct;42(5):449-58. doi: 10.1016/J.Aller. 2013.05.005. Epub 2013 Aug 19

18. The prevalence of asthma diagnosis and symptoms is still increasing in early adolescents in Turkey. Duksal F, Becerir T, Ergin A, **Akcay A**, Guler N. *Allergol Int*. 2014 Jun;63(2):189-97. Epub 2014 Feb 25.

19. Prevalence of asthma, local risk factors and agreement between written and video questionnaires among Turkish adolescents. Becerir T, **Akcay A**, Duksal F, Ergin A, Becerir C, Guler N. *Allergol Immunopathol (Madr)*. 2014 November - December;42(6):594-602.

20. Ozkaya S, Dirican A, Kaya SO, Karanfil RC, Bayrak MG, Bostanci O, **Ece F**. The relationship between early reversibility test and maximal inspiratory pressure in patients with airway obstruction. *Int J Chron Obstruct Pulmon Dis*. 2014 May 5;9:453-6.

21. Dirican A, Ozkaya S, Atas AE, Ulu EK, Kitapci I, **Ece F**. Thrombolytic treatment (alteplase; rt-Pa) in acute massive pulmonary embolism and cardiopulmonary arrest. *Drug Des Devel Ther*. 2014 Jun 12;8:759-63.

22. Gümüs A, Ozkaya S, Ozyurt S, Cınarka H, Kirbas A, Sahin U, **Ece F**. A novel biomarker in the diagnosis of parapneumonic effusion: neutrophil gelatinase-associated lipocalin. *Multidiscip Respir Med*. 2014 Sep 15;9(1):49.

## OUR SCIENTIFIC ACTIVITIES

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## OUR SCIENTIFIC ACTIVITIES

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### Foreign Language and Turkish Book Editorships, Book Chapter Authorships, Book Chapter Translations

1. "The History of Male-Female Sexuality and Fertility in Turkey (2nd Press)", Editors: **Kendirci M.**, A. Kadioğlu, E.C. Şerefoğlu, S. Çayan, International Publication of the Turkish Society of Andrology, Nobel Tıp Kitabevi, ISBN: 978-975-92138-3-1, Istanbul (2014).
  2. **Kendirci M** and A. Kadioğlu. "Andrology on the Hittite Cuneiform Tablets", in The History of Male-Female Sexuality and Fertility in Turkey (2nd Press), Nobel Medical Publications, pp97-106 (2014).
  3. Kadioğlu, A and **M Kendirci**. "Laws Related to Sexual Crimes in the Hittites", in The History of Male-Female Sexuality and Fertility in Turkey (2nd Press), Nobel Medical Publications, pp107-110 (2014).
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  7. Kadıhasanoğlu, M. and **M Kendirci**, "Peyronie Disease", Translator Editors: M.K. Anafarta ve M.Ö. Yaman, in "Campbell Üroloji", Güneş Publishers, Ankara, 2014.
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# 31<sup>st</sup> January 2014

## Personalized Approaches to Colorectal Cancer Cases

**Number of Participants:** 400

**Place:** Istanbul Technical University Süleyman Demirel Cultural Center

## SAĞLIK PROFESYONELLERİNE DAVET

Liv Hospital ve Memorial Sloan-Kettering  
Kanser Merkezi (MSKCC) iş birliğiyle

# KOLOREKTAL KANSERLİ HASTALARA KİŞİSELLEŞTİRİLMİŞ YAKLAŞIMLAR

## DAVETLİ KONUŞMACILAR

- Prof. Dr. Julio García-AZÚLAR (JGARC) - Genel Cerrahi
- Prof. Dr. Levent AKIN (LAKIN) (Etiology, Inherit. Top. Abdominal) - Genel Cerrahi
- Prof. Dr. Ali AKYÜZ (AAKYUZ) (Statistical Universities Top. Fisiology) - Genel Cerrahi
- Prof. Dr. Oktay AŞOĞLU (OAŞOGLU) (Hospital) - Genel Cerrahi
- Prof. Dr. Faruk AYKAN (FAKAN) (Statistical Universities Top. Fisiology) - Medical Oncology
- Doç. Dr. Berya BAKIR (BBAKIR) (Hospital - Radiology)
- Doç. Dr. Emre BALIK (EBALIK) (Statistical Universities Top. Fisiology) - Genel Cerrahi
- Prof. Dr. Adil BARIKAN (ABARIKAN) (Medicine, Histology) - Genel Cerrahi
- Prof. Dr. Murray BRENNAN (MBRENNAN) (Genel Cerrahi)
- Prof. Dr. Örsün BÜKRA (OBUKRA) (Work, University Top. Fisiology) - Genel Cerrahi
- Prof. Dr. Tüker BULUT (TBULUT) (Statistical Universities Top. Fisiology) - Genel Cerrahi
- Doç. Dr. Andrea CERBEK (ACERBEK) - Medical Oncology
- Prof. Dr. Yeşim ERALP (YERALP) (Hospital - Statistical Universities) - Medical Oncology
- Prof. Dr. Yusu KAPRAN (YKAPRAN) (Medicine, Histology - Physics)
- Prof. Dr. Ayhan KUZU (AKUZU) (Genetics, University Top. Fisiology) - Genel Cerrahi
- Mary MCCABE (MMCCABE)
- Uzm. Dr. Metin ÖNÜCÜ (MÖNÜCÜ) (Hospital - İ. Kocaeli)
- Prof. Dr. Ethem Nergiz ÖRAL (ENÖRAL) (Hospital - Statistical Universities - Radiology, Oncology)
- Doç. Dr. Ersin ÖZTÜRK (EOZTÜRK) (University Top. Fisiology) - Genel Cerrahi
- Doç. Dr. Sezer SAĞLAM (SSAGLAM) (Medicine, University Top. Fisiology) - Medical Oncology
- Yrd. Doç. Dr. Küşan Rahmi SERİN (KRASERIN) (Hospital) - Genel Cerrahi
- Doç. Dr. Bülent SÖZÜLLÜ (BSÖZULLU) (Medicine, Inherit. Top. Abdominal) - Genel Cerrahi
- Prof. Dr. Cem TERCİLİ (CTERCILI) (Genetics, University Top. Fisiology) - Genel Cerrahi
- Prof. Dr. Cüneyt TÜRKMEN (CTURKMEN) (Statistical Top. Fisiology) - Medikal Topi
- Doç. Dr. Ardem UÇAR (AUÇAR) (Hospital - Radiology)
- Uzm. Dr. Gökçe YİĞEN (GYIGEN) (Statistical Universities Top. Fisiology) - Patoloji

İSTANBUL TEKNİK ÜNİVERSİTESİ  
SÜLEYMAN DEMİREL KÜLTÜR MERKEZİ

31 OCAK - 1 ŞUBAT 2014

Lunch: 11:00 - 11:40 Dinner: 08:15 - 09:00

İstanbul Tivare Üniversitesi Süreman Derinli Kültür Akademi  
Ayazaga Kampüsü Maslak / İstanbul

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## LIV SYMPOSIA

## Personalized Approaches to Colorectal Cancer Cases



## LIV SYMPOSIA

### 12<sup>th</sup> September 2014

#### Personalized Treatment In Breast Cancer

(In partnership with the Memorial Sloan Kettering Cancer Center)

#### Current Surgical Approaches to Thyroid Cancer

(In partnership with the Memorial Sloan Kettering Cancer Center)

**Number of Participants:** 264

**Place:** Liv Hospital Conference Hall



**DAVETLİSİNİZ**  
**HALK SÖYLEŞİSİ**

Liv Hospital ve  
Memorial Sloan-Kettering  
Kanser Merkezi (MSKCC) İş Birliğiyle

**Meme ve Tiroid Kanseri**  
**GÖRMEZDEN GELMEYİN**

**Program**  
11 Eylül Perşembe

**Yer**  
Liv Hospital Konferans Salonu

**Saat**  
11.00 - 14.00

**Tiroid ve Meme Kanseri ile ilgili**  
akılınızdaki tüm soruları  
**Memorial Sloan-Kettering**  
**Kanser Merkezi ve Liv Hospital**  
uzmanları cevaplıyor.

11 Eylül Perşembe günü saat 14.00'a kadar  
sorularınızı Twitter üzerinden #memeveTiroid  
hashtag'i ile bize iletebilirsiniz.

**Moderatör**  
**Nevval SEVİNDİ**, Gazeteci / Yazar / Pembe Hanım Kanser Hastaları ve  
Yakınları Dayanışma Derneği Kurucu Başkanı

**Konuşmacılar**

- Prof. Dr. Ashok R. Shaha, MSKCC, Tiroid Cerrahisi
- Prof. Dr. Hiram Cody, MSKCC, Meme Kanseri Cerrahisi
- Prof. Dr. Levhi Akın, Liv Hospital, Meme Cerrahisi, Genel Cerrahi Uzmanı
- Doç. Dr. Fatih Tunca, Liv Hospital, Tiroid Cerrahisi, Genel Cerrahi Uzmanı

LCV: 0530 174 42 14

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Daha fazla bilgi için:  
[www.livhospital.com.tr](http://www.livhospital.com.tr)

**liv**  
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Cancer Center



## LIV SYMPOSIA

### **Personalized Treatment In Breast Cancer**

*(In partnership with the Memorial Sloan Kettering Cancer Center)*

### **Current Surgical Approaches to Thyroid Cancer**

*(In partnership with the Memorial Sloan Kettering Cancer Center)*



## LIV SYMPOSIA

**31<sup>st</sup> May 2014**

**Current Approaches In Vitro-retinal  
and Refractive Surgery**

**Number of Participants: 43**

**Place:** Liv Hospital Conference Hall



**İstanbul  
Oftalmoloji  
Buluşması<sup>(1)</sup>**

**VITREO-RETİNAL  
ve REFRAKTİF CERRAHİDE  
GÜNCEL YAKLAŞIMLAR**

**Sempozyum Programı**

08.00 - 08.30: <b>LRG Cank Cerrahi</b> 08.00 - 08.30: <b>LRG Cank Cerrahi</b> 08.30 - 09.00: <b>Retina Cerrahisinde Güncel Yaklaşımlar</b> 09.00 - 09.30: <b>Prof. Dr. Tugay Akdemir</b> 09.30 - 10.00: <b>Prof. Dr. Tugay Akdemir</b> 10.00 - 10.30: <b>Prof. Dr. Tugay Akdemir</b> 10.30 - 11.00: <b>Prof. Dr. Tugay Akdemir</b> 11.00 - 11.30: <b>Prof. Dr. Tugay Akdemir</b> 11.30 - 12.00: <b>Prof. Dr. Tugay Akdemir</b> 12.00 - 12.30: <b>Prof. Dr. Tugay Akdemir</b> 12.30 - 13.00: <b>Prof. Dr. Tugay Akdemir</b> 13.00 - 13.30: <b>Prof. Dr. Tugay Akdemir</b>	13.30 - 14.00: <b>Prof. Dr. Tugay Akdemir</b> 14.00 - 14.30: <b>Prof. Dr. Tugay Akdemir</b> 14.30 - 15.00: <b>Prof. Dr. Tugay Akdemir</b> 15.00 - 15.30: <b>Prof. Dr. Tugay Akdemir</b> 15.30 - 16.00: <b>Prof. Dr. Tugay Akdemir</b> 16.00 - 16.30: <b>Prof. Dr. Tugay Akdemir</b> 16.30 - 17.00: <b>Prof. Dr. Tugay Akdemir</b> 17.00 - 17.30: <b>Prof. Dr. Tugay Akdemir</b> 17.30 - 18.00: <b>Prof. Dr. Tugay Akdemir</b> 18.00 - 18.30: <b>Prof. Dr. Tugay Akdemir</b> 18.30 - 19.00: <b>Prof. Dr. Tugay Akdemir</b> 19.00 - 19.30: <b>Prof. Dr. Tugay Akdemir</b> 19.30 - 20.00: <b>Prof. Dr. Tugay Akdemir</b>
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**31 Mayıs 2014/09.00**  
Liv Hospital B1 Toplantı Salonu

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# LIV SYMPOSIA

**Current Approaches In Vitro-retinal and  
Refractive Surgery**



## LIV SYMPOSIA

**4<sup>th</sup>-6<sup>th</sup> June 2014**

**Middle East Cardiovascular Congress**

**Number of Participants: 85**

**Place:** Liv Hospital Conference Hall



**8<sup>th</sup> MIDDLE EAST CARDIOVASCULAR CONGRESS**

4 - 6 June 2014  
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The poster features a large, modern building at night, illuminated with blue lights. Below the main image are four smaller images: a conference room, a group of people, a cityscape, and a building. At the bottom, there are logos for MECC, Liv Hospital, and social media links.



## LIV SYMPOSIA

Middle East Cardiovascular Congress



## LIV SYMPOSIA

# 15<sup>th</sup> November 2014

**Molecular Oncology In Personalized Medicine**

**Number of Participants:** 45

**Place:** Liv Hospital Conference Hall

**LIV SEMPOZYUM GÜNLERİ**  
SYMPOSIUM DAYS

### BİREYSELLEŞTİRİLMİŞ TEDAVİDE MOLEKÜLER ONKOLOJİ MOLECULAR ONCOLOGY IN PERSONALIZED MEDICINE

**1. Oturum:**  
**Meme Kanseri**  
**nde**  
**Moleküler Onkoloji**

*Session 1:*  
*Molecular Oncology of*  
*Breast Cancer*

**Konuşmacılar**  
Speakers

- BRCA 1/2 TESTLERİ  
PROF. DR. HÜLYA YAZICI ÖZBEK
- ONCOTYPE DX  
NIKOLAOS TSOULOS, BSc
- KANDAKİ TÜMÖR BELİRTEÇLERİ  
JEAN FRANÇOIS LAES, PhD
- OncoDEEP, AURORA PROJESİ  
JEAN FRANÇOIS LAES, PhD
- FOUNDATION ONE  
DEBRAH MORDSINI, MD

**2. Oturum:**  
**Kolorektal Kanseri**  
**nde**  
**Moleküler Onkoloji**

*Session 2:*  
*Molecular Oncology of*  
*Colorectal Cancer*

**Konuşmacılar**  
Speakers

- MİKROSATELLİT İNSTABİLİTE  
PROF. DR. N. FARUK AYKAN,
- PROF. DR. SİBEL ERDAMAR
- HNPCC SENDROMU (LYNCH SENDROMU)  
PROF. DR. HÜLYA YAZICI ÖZBEK
- ONCOTYPE DX COLON  
NIKOLAOS TSOULOS, BSc
- RAS YOLAĞI VE DİĞER ÖNEMLİ HEDEFLER  
PROF. DR. ŞUAYIP YALÇIN
- PROF. DR. CÖKHAN DEMİR

**15 Kasım 2014**  
Liv Hospital B1 Konferans Salonu  
09:00 - 15:30  
November 15, 2014  
Liv Hospital B1 Conference Center  
09:00 - 15:30  
LCV/RSVP: 0545 308 02 11

**Daha fazla bilgi için**  
For more information  
[www.livhospital.com.tr](http://www.livhospital.com.tr)



## LIV SYMPOSIA

## Molecular Oncology In Personalized Medicine



## LIV SYMPOSIA

# 13<sup>th</sup> December 2014

ACS '14 Advanced Cardiovascular Solutions

Number of Participants: 250

**Place:** Bilgi University, Santral Istanbul

[illegible]



## LIV SYMPOSIA

## ACS '14 Advanced Cardiovascular Solutions Symposium



## LIV SYMPOSIA

# 20<sup>th</sup> December 2014

The Laboratory In Endocrinology Symposium

Number of Participants: 72

Place: Liv Hospital Conference Hall

**Liv** SEMPOZYUM GÜNLERİ  
SYMPOSIUM DAYS 4

**ENDOKRİNOLOJİDE LABORATUVAR**  
**Preanalitik-analitik sorunlar nelerdir?**  
**Sonuçlar nasıl yorumlanır?**

**PROGRAM**

**13:00 - 13:30** Açılış  
Kayıt - Açılış

**13:30 - 14:00** Biyokimya Bakış Açısı  
Oturma Başkanı: **Prof. Dr. Hanife BÖZTEPE**  
Konuşmacı: **Uzm. Dr. Beril UÇURNAL**

**14:00 - 14:30** Hipofize Yönelik Laboratuvar Değerlendirmesi  
Oturma Başkanı: **Prof. Dr. Pınar KADIOĞLU**  
Konuşmacı: **Doç. Dr. Ayşe Kubat ÜZÜM**

**14:30 - 15:00** Tiroid Yönelik Laboratuvar Değerlendirmesi  
Oturma Başkanı: **Prof. Dr. Faruk ALAGÖL**  
Konuşmacı: **Uzm. Dr. Murdan GÜL**

**15:00 - 15:30** Kahve Arası

**15:30 - 16:00** Diyabette Laboratuvar Değerlendirmesi  
Oturma Başkanı: **Prof. Dr. İlhan SATMAN**  
Konuşmacı: **Doç. Dr. Mehmet SARGIN**

**16:00 - 16:30** Adrenal Beze Yönelik Laboratuvar Değerlendirmesi  
Oturma Başkanı: **Prof. Dr. Ferihan ARAL**  
Konuşmacı: **Doç. Dr. Serpil SALMAN**

**16:30 - 17:00** D Vitamini ve Metabolik Kemik Hastalıklarına Yönelik Laboratuvar Değerlendirmesi  
Oturma Başkanı: **Prof. Dr. Refik TANAKÖL**  
Konuşmacı: **Doç. Dr. Dilek YAZICI**

**17:00** Kapanış

**20 Aralık 2014**  
13:00 - 17:00  
Liv Hospital B1 Konferans Salonu  
LCV : Emel Namoglu - 0530 173 06 13  
emel.namoglu@livhospital.com.tr

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## LIV SYMPOSIA

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**The Laboratory In Endocrinology Symposium**

## WORKSHOPS AND OTHER MEETINGS



**4<sup>th</sup> January 2014**

Bronchial Thermoplasty Workshop



**28<sup>th</sup> March 2014**

Assisted Reproductive Techniques, Nursing Course



**21<sup>st</sup> May 2014**

Marmara Spine Group Meeting



**27<sup>th</sup> May 2014**

Personalized Approaches in Prostate and Kidney Treatment



**31<sup>st</sup> May 2014**

Current Approaches in Vitreoretinal and Refractive Surgery



**4<sup>th</sup>-6<sup>th</sup> June 2014**

Middle East Cardiovascular Congress

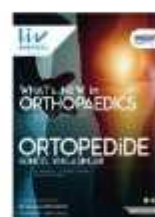


# WORKSHOPS AND OTHER MEETINGS

# 34

## 21<sup>st</sup> June 2014

Innovations in Orthopedics



## 4<sup>th</sup> July 2014

Fetal Interventions and In Utero Stem Cell Transplantation  
and Applications Symposium



## 16<sup>th</sup> July 2014

Perinatal Viral Infections: HSV and CMV



## 15<sup>th</sup> November 2014

Molecular Oncology



## 15<sup>th</sup> November 2014

1<sup>st</sup> Cancer Robotic Surgery Association of Turkey (TKRCD)  
Course in Robotic Surgery



## WORKSHOPS AND OTHER MEETINGS

**04<sup>th</sup> January 2014**

**Bronchial Thermoplasty Workshop**

**Number of Participants: 28**

**Place: Liv Hospital Conference Hall**

### BRONŞİYAL TERMOPLASTİ WORKSHOP

**04 Ocak 2014**

**Saat: 10:00 - 14:00**

**Yer: Liv Hospital B1 Konferans Salonu**

**Moderatör**

**Prof. Dr. Ferah Ece**

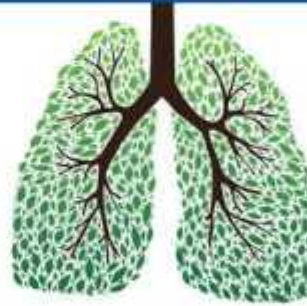
**Konuşmacılar**

**Prof. Dr. Feyza Erkan, İstanbul Üniversitesi İstanbul Tıp Fakültesi**

**Prof. Dr. Suna Büyükböztürk, İstanbul Üniversitesi İstanbul Tıp Fakültesi**

**Prof. Dr. Felix Herth, University of Heidelberg**

**Prof. Dr. Turhan Ece, İstanbul Üniversitesi İstanbul Tıp Fakültesi**



**Program**

**10.00 Astım Tanısı ve fenotipleri, tedavide güncel durum**

**Prof. Dr. Ferah Ece, Bahçeşehir Üniversitesi Tıp Fakültesi**

**10.30 Zor Astım Tedavisi**

**Prof. Dr. Feyza Erkan, İstanbul Üniversitesi İstanbul Tıp Fakültesi**

**11.00 Astımda İmmünoterapi**

**Prof. Dr. Suna Büyükböztürk, İstanbul Üniversitesi İstanbul Tıp Fakültesi**

**11.30 Bronşiyal Termoplasti**

**Prof. Dr. Felix Herth, University of Heidelberg**

**12.00 Bronşiyal Termoplasti Uygulaması**

**Prof. Dr. Turhan Ece, İstanbul Üniversitesi İstanbul Tıp Fakültesi**

**14.00 Kokteyl**

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# WORKSHOPS AND OTHER MEETINGS

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34

## Bronchial Thermoplasty Workshop



## WORKSHOPS AND OTHER MEETINGS

## 28<sup>th</sup> March 2014

Assisted Reproductive Techniques Nursing Course

Number of Participants: 89

**Place:** Liv Hospital Conference Hall

[illegible]



# WORKSHOPS AND OTHER MEETINGS

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34

## Assisted Reproductive Techniques Nursing Course



## WORKSHOPS AND OTHER MEETINGS

### 21<sup>st</sup> May 2014

#### Marmara Spine Group Meetings

Number of Participants: 40

Place: Liv Hospital Conference Hall

#### MARMARA OMURGA GRUBU TOPLANTILARI

Marmara Omurga Grubu Aylık Toplantıları Mayıs ayında Liv Hospital toplantı salonunda yapılacaktır. Yaklaşan skolyoz ameliyat sıklığı nedeni ile bilgilerimizi tartışma ortamında yenileme şansı bulacağımız bu toplantıya tüm meslektaşlarımızın katılımını bekleriz.



#### PROGRAM

- 19:00 - 19:15** Adölesan İdiopatik skolyozda cerrahi tedavi, teknik, sorunlar ve komplikasyonlar.  
**Doç. Dr. Mehmet Aydoğan**
- 19:15 - 20:30** Neyi, ne için ve nasıl yapıyoruz?  
İnteraktif tartışmalı oturum  
**Prof. Dr. Mehmet Tezer**  
**Doç. Dr. Mehmet Aydoğan**  
**Doç. Dr. Çağatay Öztürk**
- 20:30** Olgu Tartışması  
**Yrd. Doç. Dr. Sinan Kahraman**  
**Dr. M.Akif Albayrak**  
**Op. Dr. Erdoğan Merih**  
**Dr. Turgut Akgül**
- Modaratör** Doç. Dr. Çağatay Öztürk

**21 Mayıs 2014**

Saat : 18:30 - 21:00

Yer : Liv Hospital  
Konferans Salonu

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# WORKSHOPS AND OTHER MEETINGS

34

## Marmara Spine Group Meetings



## WORKSHOPS AND OTHER MEETINGS

### 27<sup>th</sup> May 2014 Personalized Approaches in Prostate and Kidney Treatment Number of Participants: 35

Place: Liv Hospital Conference Hall

#### PROSTAT VE BÖBREK KANSERİ TEDAVİSİNDE KİŞİSELLEŞTİRİLMİŞ YAKLAŞIMLAR

##### PROGRAM

- 08.30-09.00 Kayıt ve kahve arası  
09.00-09.20 Açılış, konuşmacıların tanıtımı
- PROSTAT KANSERİ OTURUMU**  
Başkanlar: Prof. Dr. Ali Rıza Kural, Prof. Dr. Levent Türkeri  
09.20-09.40 Prostat MRi: Bir üroloğun bilmesi gerekenler  
Doç. Dr. Başar Bakır, Liv Hospital  
09.40-10.00 Prostat kanserli hastalarda optimal yaklaşım ile tedavi  
Prof. Dr. Özgür Acar, Memorial Şişli Hastanesi  
10.00-10.30 Türkiye'de Dahilci robotik T0 yılı ürolojide geçmiş ve gelecek  
Prof. Dr. Ali Rıza Kural, Maslak Archademy Hastanesi  
10.30-11.00 Individualized robotic surgery for patients with prostate cancer  
Prof. Dr. Monish Aron, USC Institute of Urology, Los Angeles
- 11.00-11.15 Kahve Arası  
11.15-11.55 Yüksek riskli prostat kanseri tedavisi (iki farklı bakış)  
Radikal prostatektomi standart tedavide  
Uzm. Dr. Tayfun Hancılar, Liv Hospital  
Radikal prostatektomi de bir alternatiftir  
Prof. Dr. Levent Türkeri, Academic Hospital  
11.55-12.15 Post prostatektomi enjeksiyon disfonksiyon: Kişisel özel tedavi  
Prof. Dr. Muhammed Handici, Liv Hospital  
12.15-12.45 Prostat tümörleri vaka tartışması  
Doç. Dr. Fatih Altunrende, Florence Nightingale Hastaneleri
- 12.45-13.45 ARA "Din' Lounge" Yemek
- BÖBREK KANSERİ OTURUMU**  
Başkanlar: Prof. Dr. Tarkan Eren, Prof. Dr. Cemil Uygur  
13.45-14.25 Böbrek kanserinde izlenimleri var mı?  
Prof. Dr. Tarkan Eren, Vahit Kaç Vakfı Amerikan Hastanesi  
14.15-14.45 Robotik parsiye nefrektomi: genel belkiler ve problemler  
Doç. Dr. Haluk Akşınar, Liv Hospital  
14.45-15.15 Intraoperative ultrasonography for nephron-sparing surgery  
Prof. Dr. Monish Aron, USC Institute of Urology, Los Angeles  
15.15-15.35 Metastatik böbrek tümöründe stereotaktik cerrahi: güncelleme  
Prof. Dr. Cemil Uygur, Anadolu Sağlık Merkezi Hastanesi  
15.35-16.05 Böbrek tümörleri vaka tartışması  
Doç. Dr. Orhan Tannıverdi, Liv Hospital  
16.05-17.00 Kötüye



Düzenleyen: Doç. Dr. Haluk AKŞINAR

27 Mayıs 2014

Saat: 08.30 - 17.00

Yer: Liv Hospital

USC: Robert R. Kirsch Center for Urology

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## WORKSHOPS AND OTHER MEETINGS

### Personalized Approaches in Prostate and Kidney Treatment



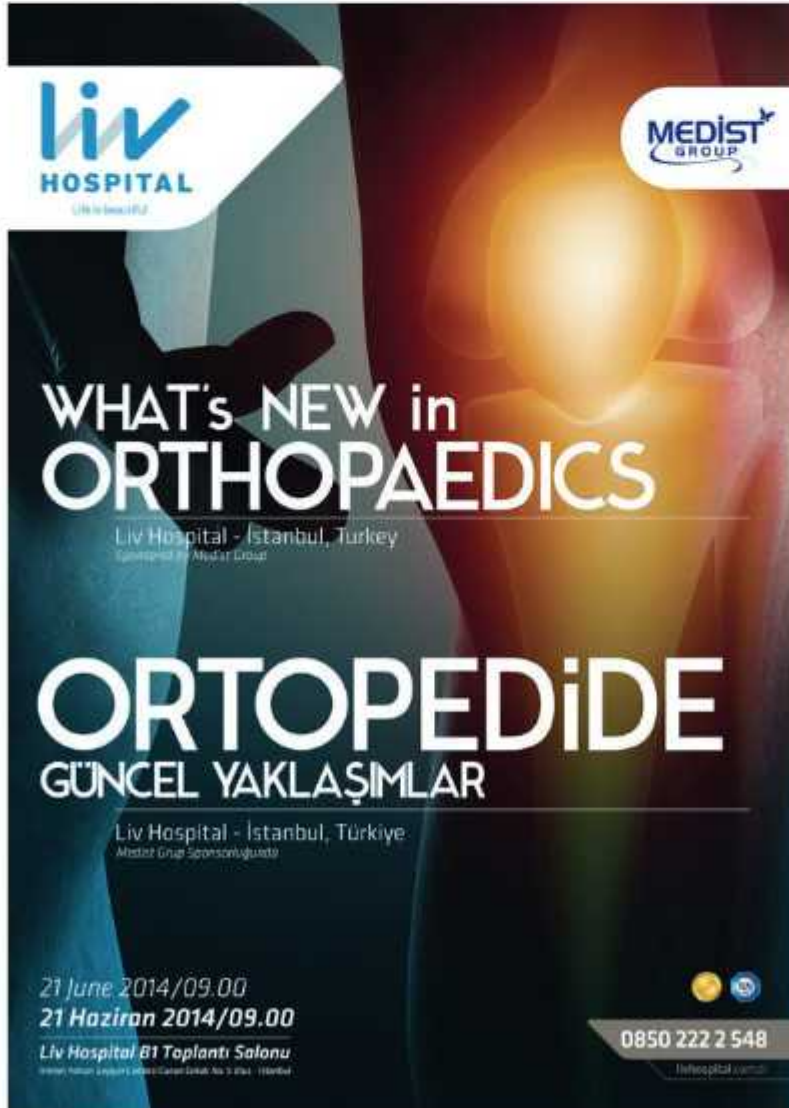
## WORKSHOPS AND OTHER MEETINGS

**21<sup>st</sup> June 2014**

**Innovations in Orthopedics**

**Number of Participants: 37**

**Place: Liv Hospital Conference Hall**





# WORKSHOPS AND OTHER MEETINGS

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34

## Innovations in Orthopedics



## WORKSHOPS AND OTHER MEETINGS

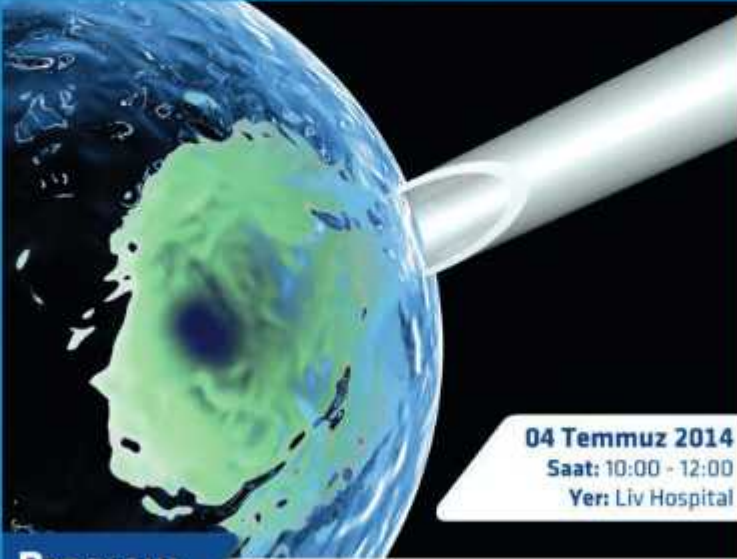
**4<sup>th</sup> July 2014**

**Fetal Interventions and In Utero  
Stem Cell Transplantation and Applications**

**Number of Participants: 20**

**Place: Liv Hospital Conference Hall**

### **Fetal Giriřimler ve In Utero Kk Hcre Transplantasyonu ve Uygulamaları Sempozyumu**



**04 Temmuz 2014**

**Saat: 10:00 - 12:00**

**Yer: Liv Hospital**

#### **Program**

**10:00 - 10:30** Açılıř Konuşması

**10:30 - 12:00** Fetal Cerrahi Giriřimler – Fetal Kk Hcre Nakli

**Yrd. Doç. Dr. řafak Karaçay**

**Tippi MacKenzie, MD Associate Professor,  
Department of Surgery  
University of California, San Francisco**

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# WORKSHOPS AND OTHER MEETINGS

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34

## Fetal Interventions and In Utero Stem Cell Transplantation and Applications Symposium



## WORKSHOPS AND OTHER MEETINGS

**16<sup>th</sup> July 2014**

**Perinatal Viral Infections: HSV and CMV**

**Number of Participants: 15**

**Place: Liv Hospital Conference Hall**

### Perinatal Viral Enfeksiyonlar: HSV ve CMV



**16 Temmuz 2014**

**Saat: 10:00 - 12:00**

**Yer: Liv Hospital**

### Program

10:00 - 10:30 Açılış Konuşması  
10:30 - 12:00 Pediatri Grand Rounds

Uzm. Dr. Gülnihal Sarman  
Assoc. Prof. Nazha Abughali  
Case Western University  
Pediatri Başkanı ve Pediatrik  
Enfeksiyon Hastalıkları Başkanı

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# WORKSHOPS AND OTHER MEETINGS

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34

## Perinatal Viral Infections: HSV and CMV



## WORKSHOPS AND OTHER MEETINGS

**15<sup>th</sup> December 2014**

**TKRCD Robotic Surgery Course**

**Number of Participants: 50**

**Place: Liv Hospital Conference Hall**



The poster is for the TKRCD 1. Robotik Cerrahi Kursu (TKRCD 1. Robotic Surgery Course). It features a dark red background with a gold-colored circular logo at the top center. The logo contains a stylized robot arm and the text 'TÜRK KOLON VE REKTUM CERRAHİSİ DERNEĞİ'. Below the logo, the text 'TKRCD' is written in large white letters, followed by 'TÜRK KOLON ve REKTUM CERRAHİSİ DERNEĞİ' in smaller white letters. The main title 'TKRCD 1. ROBOTİK CERRAHİ KURSU' is written in large, bold, white letters. Below the title, the date '15 ARALIK 2014' and the location 'Liv Hospital Konferans Salonu' are written in white. At the bottom left, there is a section for 'KURS ADRESİ' (Course Address) and 'BAŞVURU İÇİN' (For Application), which includes the Liv Hospital address, phone, fax, GSM, and email numbers. At the bottom right, the 'liv HOSPITAL ULUS' logo is displayed.

**TKRCD**  
TÜRK KOLON ve  
REKTUM CERRAHİSİ DERNEĞİ

**TKRCD**  
**1. ROBOTİK**  
**CERRAHİ**  
**KURSU**

**15 ARALIK 2014**  
Liv Hospital Konferans Salonu

**KURS ADRESİ:**  
Liv Hospital - Alimen Adnan Saygun Cad.  
Cemal Sok. No:5 Üsküdar, Beşiktaş-İstanbul

**BAŞVURU İÇİN:**  
Tel : 0 212 356 0175-76-77  
Faks : 0 212 356 0178  
GSM : 0 532 360 72 36  
E-posta : bilgi@tkrcd.org.tr  
gsm@tkrcd@yahoo.com

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# WORKSHOPS AND OTHER MEETINGS

---

34

## TKRCD Robotic Surgery Course



# MEDICAL MEETINGS ABROAD

# 30<sup>th</sup> October - 18<sup>th</sup> November 2014

## Mobile Clinic Field Project

7 doctors

## 18 provinces in 18 days

4.800 visitors

1,000 medical examinations

**LIV CLINICS**  
**NEAR TO YOU**

**Mobile Clinic Route Map**

Location	Address	Phone	Website	Hours	Services	Referral	Referral
Amman	Amman, Jordan	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Baghdad	Baghdad, Iraq	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Beirut	Beirut, Lebanon	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Doha	Doha, Qatar	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Harare	Harare, Zimbabwe	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Johannesburg	Johannesburg, South Africa	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Kuwait	Kuwait, Kuwait	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
London	London, UK	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Manama	Manama, Bahrain	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Moscow	Moscow, Russia	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Nairobi	Nairobi, Kenya	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Riyadh	Riyadh, Saudi Arabia	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Singapore	Singapore, Singapore	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Tripoli	Tripoli, Libya	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Umm Al-Qaiwain	Umm Al-Qaiwain, UAE	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes
Zanzibar	Zanzibar, Tanzania	011 962 521 1111	www.livclinics.com	24/7	General, Specialist, Surgery, Radiology, Lab, Pharmacy, IV, etc.	Yes	Yes

**FORUM SCHEDULE**  
Beirut and Harare: 10:10-10:40  
Kuwait: 11:11-11:41  
Albania: 12:12-12:42

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# MEDICAL MEETINGS ABROAD

35

## Mobile Clinic Field Project



## MEDICAL MEETINGS ABROAD

### 18<sup>th</sup> November 2014

Seminar for Colorectal Cancer and Liver Metastasis:  
The Multidisciplinary Approach of Liv Hospital Cancer Center

Number of Participants: 50

Place: Medi Club Hospital





### 18th. November 2014

Seminar for Colorectal Cancer and Liver Metastasis  
The Multidisciplinary Approach of Liv Hospital Cancer Center



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# MEDICAL MEETINGS ABROAD

35

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**Seminar for Colorectal Cancer and Liver Metastasis  
The Multidisciplinary Approach of Liv Hospital Cancer Center**



## MEDICAL MEETINGS ABROAD

### 18<sup>th</sup> December 2014

Seminar for Colorectal Cancer and Liver Metastasis  
The Multidisciplinary Approach of Liv Hospital Cancer Center

Number of Participants: 60

Place: Capital Plaza Hotel Bucharest






**18th. December 2014**

Seminar for Colorectal Cancer and Liver Metastasis  
The Multidisciplinary Approach of Liv Hospital Cancer Center



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ROMANIA



# MEDICAL MEETINGS ABROAD

35

## Seminar for Colorectal Cancer and Liver Metastasis: The Multidisciplinary Approach of Liv Hospital Cancer Center



## MEDICAL MEETINGS ABROAD

### 26<sup>th</sup> December 2014

Seminar for Colorectal Cancer and Liver Metastasis:  
The Multidisciplinary Approach of Liv Hospital Cancer Center

Number of Participants: 40

Place: State University Hospital Kosovo





### 26th. December 2014

Seminar for Colorectal Cancer and Liver Metastasis  
The Multidisciplinary Approach of Liv Hospital Cancer Center



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KOSOVO



# MEDICAL MEETINGS ABROAD

35

## Seminar for Colorectal Cancer and Liver Metastasis: The Multidisciplinary Approach of Liv Hospital Cancer Center



## MEDICAL MEETINGS ABROAD

### 24<sup>th</sup> May 2014

**Liv Hospital Conference**

Robotic Era In Uro – Oncology And Contemporary  
Approches In Neurosurgery

**Number of Participants: 45**

**Place:** Tbilisi Marriot Hotel

**Liv Hospital Conference**  
**ROBOTIC ERA IN URO-ONCOLOGY AND**  
**CONTEMPORY APPROCHES IN NEUROSURGERY**



**PROGRAM**

10:30 - 10:45	Liv Hospital presentation by Nino Tomashvili
10:45 - 11:00	Advanced Technologies of Liv Hospital by Dr. Ekaterine Khomeriki
11:00 - 11:05	Introduction of Prof. Dr. Hakan Oruckaptan by Yasmin Sultani
11:05 - 11:40	Presentation by Prof. Dr. Hakan Oruckaptan "Neurosurgery At Liv Hospital And Functional Surgery"
11:40 - 11:45	Introduction of Assoc. Prof. Haluk Akpinar by Yasmin Sultani
11:45 - 12:05	Presentation by Assoc. Prof. Haluk Akpinar "DaVINCI® Robotic Radical Prostatectomy, Techniques to Improve Continence And Potency"
12:05 - 12:30	<b>Coffee Break</b>
12:30 - 13:00	Presentation by Prof. Dr. Hakan Oruckaptan "Vascular Surgery"
13:00 - 13:30	Presentation by Assoc. Prof. Haluk Akpinar "DaVINCI® Robotic Partial Nephrectomy For Stage T1a & T1b Renal Tumors" "Current Place Of Flexible Ureteroscopy For Kidney Stones ≥ 2 cm"
13:30 - 13:40	Closing Ceremony
13:40 - 15:00	<b>Lunch</b>

**24 May 2014**  
Tbilisi Marriot Hotel  
10:30 - 16:30



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# MEDICAL MEETINGS ABROAD

# 35

**Liv Hospital Conference**  
Robotic Era In Uro – Oncology And Contemporary  
Approches In Neurosurgery



## MEDICAL MEETINGS ABROAD

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### 30<sup>th</sup> September 2014

Brain and Neuro Surgery Workshop

Number of Participants: 50

Place: Baku Marriott Hotel

