

# Israel Medical Center

**Comprehensive Single Source  
to  
Israel's Most Exclusive Medical Treatment Option**



## Israel Medical Center

### Comprehensive Single Source to Israel's Most Exclusive Medical Treatment Option

Israeli medicine and the top Israeli doctors are considered to be among the most advanced in the world. Public and private hospitals of Israel fully comply with international standards and can offer their patients a wide range of medical services. Such success in Israeli medicine has been achieved thanks to three principles on which it is based:

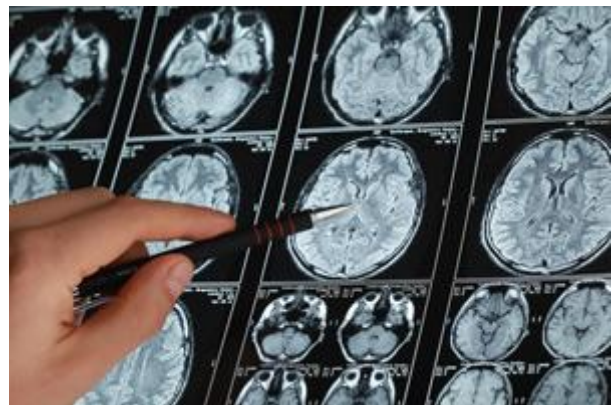
Israeli doctors along with medical practice are constantly engaged in scientific research, implementing innovative methods in the medical field, often before they appear in the elsewhere in the world; Thanks to strong governmental support, the price of treatment in Israel differs favorably from those in European and USA clinics.



Treatment in Israel is combined with pleasant recreation, a mild Mediterranean climate, and four unique seas – the Mediterranean sea the Dead Sea (the Salt Sea), the Sea of Galilee (Sea of Genezareth) and the Red Sea with the city of Elath. These four world famous seas create ideal conditions for recovery. The rich cultural heritage diversifies your stay in Israel by offering exciting and most interesting sightseeing tours.

### **We will ensure you treatment in the best Hospitals of Israel.**

English and French speaking foreign patients interested in receiving treatment in Israel also have an advantage due to the fact that in our three hospitals in Israel these languages are well known by most doctors and medical personnel, and this in addition to the fact that each patient will be accompanied by a local escort. The three top Israeli hospitals we are working with, are equipped with the latest technology, staffed with experienced and skilled professionals who are using the latest medical equipment and carry out the most complex and high-precision studies. Based on this data, individual treatment is developed for each patient, whether surgical treatment or medical is used, including only the most effective and proven prescription medicines.



This allows also for the carrying out of the most comprehensive rehabilitations. And - last but not least - the highest quality of treatment in Israel is relatively inexpensive as compared to hospitals in Europe and USA.

If you are interested in receiving treatment in our best hospitals in Israel, by the best experts with the most modern equipment, using the most advanced technology of the world of medicine, then you, too, are cordially invited to opt for treatment in Israel. any Israel Medical Center organizes diagnostic testing and subsequent treatment in Israel on an international level. Our company is pleased to offer you the knowledge and experience of doctors from the best clinics and medical centers of the country - as their official representative.

We guarantee an individual approach to diagnosis and treatment of patient in Israel: we will pick a highly qualified doctor, who is a specialist in solving your problems and who conducts research in this field, and we will organize your examination and treatment without waiting in line, doing so in the shortest amount of time possible. We invite the best Israeli doctors, professors, heads of the departments of the largest medical centers of Israel, and famous throughout the world to treat our patients. The most important thing is your health, and we are putting forth every effort to restore and improve it.

## ISRAEL MEDICAL CENTER

offers: Expertise, experience, efficiency, and effectiveness.



Israel Medical Center provides services for the organization of diagnosis and treatment of patients in Israel from abroad. The company's specialists have been engaged in medical tourism in Israel for many years, and therefore employ in their work the most effective methods and work ethics.

Our company is the official representative of three of the leading Israeli clinics - **Assuta**, **Tel HaShomer (Sheba)**, and **Herzliya Medical Center (HMC)**. These centers provide all the experience, knowledge and skills of the best doctors- for quality, accurate diagnosis and the most effective treatments available. Israel Medical Center has an extensive base of leading Israeli experts, and we cooperate with world famous luminaries of Israeli medicine. This includes professors, doctors of science, heads of departments in public and private clinics. In this way, we can always offer our patients a wide variety of choices. As one of the leading companies in the field of medical tourism, Israel Medical Center provides services for the organization of medical treatment in Israel. Our position and viewpoint is according to this principle: "Every patient receives a personalized and individual approach, with effective treatments from the best field specialists and professionals available- all according to the needs, desires, and wishes of our valued client: YOU." We treat every client - on a VIP level.

We promptly offer individualized programs of diagnostics and treatments in Israel, composed by a leading expert in the field of the disease that is to be treated.

## Why you should choose Israel Medical Center ?

**The best doctors:** we will provide the most effective treatment for your condition. We have at our disposal highly skilled and first class Israeli experts and specialists, who employ the most advanced techniques available.



**Preliminary advice/consultation:** we will provide you a **free** initial consultation with a specialist/expert (if necessary - a decision will be made by a concilium of specialists), who will familiarize themselves with the history of your disease, and will create a clear treatment program in Israel.

**Complete financial transparency:** the solution of all financial matters, from the determining of the cost of treatment, to obtaining the necessary documents at release from the clinic - are all under our constant supervision.

**Convenient schedule** of examination and treatment: we make for our patients a convenient schedule of examinations and treatments so that optimal use of the days of your stay in Israel is achieved. We will save you from waiting in lines. We will also provide you an English/ French speaking escort who will

accompany you both in traveling to medical facilities, and in travel to other places you would like to visit in Israel.

**Advice/Consultation 24/7:** we will be in touch and remain available at any time of day, seven days a week. We will help resolve any issue that you may experience. A personal manager will be assigned to you during your stay in Israel, and will always be available to advise you on any matter.

**Control of the process of diagnosis and treatment:** after approval of the plan of diagnosis and treatment, we will implement the coordination of all of its stages, and will make sure that you can stay on track for the schedule of medical procedures, and that the schedule is maintained.



**Support/Accompanying after treatment:** at the end of the course of treatment, we will continue to accompany our customers even after their return to their home. Additionally, you can contact us at any time and consult us about any issues you may have.

Israel Medical Center is here to help you! with prompt and effective treatment ! Most important for us is the constant concern and loving care for every patient - in the name of your health.



## Our services



Israel Medical Center provides a full range of services for foreign patients coming for health treatments of all kinds in Israel. Our main goal - to deliver a program for quality medical diagnosis and treatment. This program will be tailored to fit your specific needs and will be delivered at an affordable prices which compare favorably with the prices paid in Europe or USA.

### **Our advantages**

**Treatment without pre-payment** - the payment is due just prior to examination and/or medical treatment at our medical center. We provide regular financial reports.

**Every client is VIP** - any request for diagnosis or treatment in Israel is seen as a unique medical case, with all due attention and respect for the client.

**The best specialists** - constant cooperation with medical luminaries, and top-class professionals - a guarantee of getting the best doctor for any specific medical problem.

**Best clinics** - our regular contact and communication with the leading medical centers in Israel allows you to choose from the best profiles of medical institutions available, to get the absolute best conditions available for admissions, and the highest levels of treatment - without long queues and waiting periods.

**Best Service** - the most comfortable conditions for staying in Israel: continued support in the English / French language.

You will receive a personal manager and helper who will promptly solve all medical and personal issues for you.

### **Diagnosis, treatment and rehabilitation in Israel for adults and children**

Oncology, Hematology, Cardiology, Nephrology, Cardiac Surgery, Neurosurgery, Orthopaedic, Surgery, Urology, Gastroenterology, Endocrinology, Otolaryngology, Ophthalmology, Pediatric oncology, Neurology, Gynecology and General Surgery. For



effective treatment and comfortable stay for our patients in Israel, we offer a wide range of services:

\*\*\* Development of an individual program of diagnostics and treatment: based on your medical records, we provide full medical-diagnostic program including screening, treatment or surgery. All necessary information, including the date and place of examination or hospitalization, you receive before your arrival to Israel.

\*\*\* consultation with leading medical specialist:

Your request for treatment will be reviewed by best specialists in the field, if necessary, we ask additional physicians to assist in making collegial decisions about your treatment methods.

\*\*\* control over the implementation of the program of treatment:

Your personal medical curator accompanies you on all the procedures, controlling their timely passage and ready to solve any domestic issues.

\*\*\* Other Services - meeting at the airport, transportation to clinic / hotel, leisure planning, apartments / hotel reservations, translation of documents, provision of transportation with a personal driver / interpreter, tours.

You do not have to worry where your accompanying family members will be staying, or who will meet you at the airport. We will arrange to take you to the hospital for treatment or to a hotel as needed. We can get release documents and necessary recommendations of doctors - all the organizational issues we address effectively and quickly.

\*\*\* **We also have a special VIP package of personal and health services (on request of the patient), including the undergoing of rehabilitation and health treatments in the best rehabilitation centers in Israel - after surgeries and treatments.**

\*\*\* **Tourist services: private tours of Israel with the best guides using the best in comfortable transportation options. Trips to the sights of the “Holy Land”, world famous places like Jerusalem, Nazareth and the Sea of Galilee.**

\*\*\* After finishing your medical treatment in Israel, we stay in touch with the you, our valuable patient, after you return to your home country. We assist in controlling the process of treatment in your local community at home, and we offer you an opportunity to purchase guaranteed and original (patented) medications from Israel.



**Personal attendant - administrator**

We provide each of our patients a personal administrator during the time of the examinations or treatments in Israel; we can also arrange at your disposal a personal nurse and/or a caregiver for postoperative patients.

**Air Medical Services**

Our company is able to provide air transport for critically ill patients, who need to be transferred urgently to Israel. At our disposal are specially equipped aircraft, which are equipped with the unique medical equipment for life support of the patient. During the flight, the patient is accompanied by highly qualified emergency physicians, nurses and paramedics. Upon arrival in Israel, our company provides a shuttle service from the airport to the clinic in a specially equipped vehicle.

We guarantee our patients first-class medical and customer service, our experience in institutional and medical issues. The main objective of our company is: to provide the best treatment in Israel and we will successfully accomplish all tasks and solve any issues that arise. Every patient who comes for treatment in Israel feels the constant care and support of our employees - that is our heartfelt desire and that is our passion.



## Treatment in Israel



Treatment in the best clinics of Israel: professional help and a forecasted outcome.

Israel Medical Center is the official representative of three of the best medical clinics in Israel: Assuta, Tel Hashomer (Sheba) and Herzliya Medical Center (HMC).

The best Israeli clinics are accredited by JCI Joint Commission International (JCI), a special international organization that defines the main criteria for quality of care and treatment of patients.

Israeli clinics are known for their highly professional medical care. The staff of the best clinics in Israel employ the most experienced specialists. The names of these specialists have become famous around the world, and their scientific research is of great importance for the development of world medicine. The entire staff of the hospitals and medical centers in Israel regularly receive qualifying training that helps each healthcare professional to improve their skills and theoretical knowledge base with the latest scientific research. The use of modern diagnostic techniques and the newest equipment of the latest generation maximizes opportunities of accurately and quickly identifying the cause of the disease and to find the most effective way to conquer it. All clinics of Israel create appealing conditions for the comfort of their patients and accompanying family and friends: at the admission area, in the offices of the specialists, and in hospitals and clinics.

We offer to patients from abroad a full range of medical services: the latest diagnostic tests, conservative treatment, surgery, rehabilitation and all the best innovations for the most effective treatment in Israel.

Israel Medical Center guarantees you constant caring attention and heartfelt handling of your affairs; we care about your health and make every effort to assist you in your recovery.



## Departments

### Oncology and personalized oncology

The oncology treatment in Israel saves lives of many people every year. Due to the modern cancer control methods developed and implemented by the Israeli doctors, the frightening diagnosis of any cancer is no longer a death sentence. The modern diagnostic equipment in Israel is provided in all clinics, while the timely diagnosis will be supplemented by the effective treatment and the highest qualification of the Israeli medical doctors.

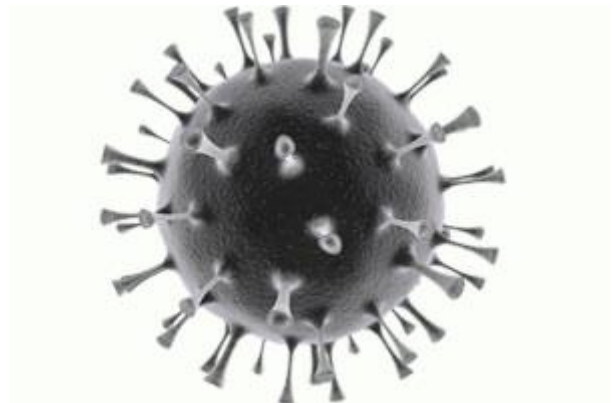
Most cancers are treated using surgical methods and radiation therapy. The state-of-the-art diagnostic and cancer treatment equipment allows making the treatment less traumatic and successful. The routine practice in Israel for cancer treatment is a laparoscopic removal of tumors, cryotherapy freezing the cancer cells out, MOHS surgery allowing tumor excision under the microscope. These methods hardly

traumatize the healthy tissues adjacent to the tumor and ensure recuperation period shortening. Over the last years the oncology treatment in Israel has been increasingly performed with the help of the Da Vinci Robotic Surgical System.



Radiosurgery is widely used in Israel for treatment of oncologic diseases. The beam is used instead of a lancet, cyber knives and gamma knives enabling cure of prostate cancer, brain cancer and pancreas cancer, as well as the multicellular lung cancer. A huge experience and expertise of the Israeli oncologists allow implementation of this most sophisticated equipment to ensure full recovery of patients.

Moreover, to cure oncology diseases in Israel, radiation therapy is frequently used. The cancer treatment in the best clinics of Israel is carried out by remote therapy enabling destruction of tumor tissue by the device without touching the body of the patient; sealed-source radiotherapy allowing special equipment to direct the radiation source inside the tumor; photodynamic therapy and coagulation therapy. These methods have proved themselves valuable during treatment of vulvar cancer, rectal cancer, tongue cancer and many other types of oncology.



These treatments are supplemented with chemotherapy, chemoembolization, hormone therapy (being mandatory while treating endometrial malignant adenoma or thyroid cancer) and new biological drugs which are based on the inhibition of molecular pathways that could lead to cancer.

These new biological drugs are part of a new concept of "personalized medicine" which takes into account the specific personal molecular and genetic profile of each and every single cancer patient. Therefore, in Israel today the treatment of cancer relates not only to the characteristics of the specific tumor but also and even more and more to the characteristics of the patient- this is a proactive revolutionary type of oncology- "personalized oncology".



Our highly qualified oncologists here in Israel, attentive multilingual clinic personnel with a warm empathic and loving attitude who take into account the psychological stress and the vulnerability of the cancer patients - all this will ensure you successful treatment of cancer in three of the best clinics of Israel. The cost of cancer treatment in Israel is lower than that of the European and USA clinics, with highest cure rates. The oncology treatment in Israel with the revolutionary "personalized oncology" is the real chance for a long, happy and healthy life. Israel Medical Center assures you the best possible cancer treatment you can get today!!

## General Surgery

The Department of General Surgery specializes in a diagnosis and treatment of a wide spectrum of diseases for which the surgical intervention is indicated.

The modern medicine is mainly focused on the minimally invasive interventions causing a minimal damage to a human body and shortening the post-surgery recuperation period.

The operations on diaphragmatic hernia correction and gastric resection are performed in Israeli clinics, as well as the pylorostenosis treatment provided by way of pylorotomy, whereby the gastric outlet is extended through the constrictor muscle layer extirpation. This surgery is performed



by laparoscopy without cutting the abdominal wall.

The Israeli surgeons perform all types of the inguinal hernia operations, and the closed laparoscopic operations are specifically preferred. If necessary, an implant is installed with the plastic repair for the inguinal canal.

In addition, all the types of the operations on chest including the thoracoscopic interferences are carried out in Israeli hospitals, as well as the types of the bariatric surgeries, such as the gastric sleeve plastic surgery and shunting for severe obesity (overweight).

The breast cancer operations including the organ-preserving and reconstructive procedures are performed in the general surgical unit during the same one operation. The Israeli specialists have a wide professional experience in the abdominal surgery. The indication for the abdominal surgery will be the diseases caused by the inflammatory processes in the abdominal cavity organs, infections, as well as the blockage of intestine, bile ways and benign and malignant tumors.



To perform the operations on stomach, gall bladder, liver, intestinal tract, pancreas, as well as on the esophagus and appendix, the Israeli surgeons use the minimally invasive surgical techniques unless this is not feasible and a bigger opening of the abdomen has to be done.

The general surgical unit experts specialized in microsurgery perform the operations in various human body parts. The hand surgery allows performing the operations pursuant to finger and joint transplantation, curing the osteoarthritis and hand deformation, as well as making the surgeries pertaining to hygroma and neurinoma removal. The microsurgery allows performing the operations with the pinpoint accuracy, tying extremely thin blood vessels being frequently as thick as a human hair.

Through the microsurgery capabilities the best Israeli experts help people injured in car accidents and incidents get their initial look making the esthetic reconstruction operations.



## Cardiology

Cardiology is one of the leading fields of the Israeli medicine. Patients with cardiovascular diseases, including myocardial infarction, artery blocking and various vascular diseases seek treatment in Israeli clinics.

Treatment of myocardial infarction should be prompt and accurate, since any delay may result in tragedy. Israeli cardiologists are known around the world for their brilliant surgeries of coronary artery bypass grafting, as well as for wide use of such endovascular methods as balloon angioplasty, revascularization and coronary stenting.

At the same time, urgent treatments begin at the diagnostic stage: antishock therapy and administering of pain-killers and vasodilators, as well as measures aimed to keep oxygen exchange in tissues and cardiac function. One of our main field of specialization is Pediatric cardiology: we cure congenital heart diseases and valve disorders.

Israeli specialists work at the interface of radiography and cardiac surgery in an entirely new medical field – interventional cardiology, which enables diagnostics and following up therapy of heart diseases by means of percutaneous catheterization.

Interventional cardiology enables Israeli cardiologists to define blood flow status, including in the brain. This status is the basis for further treatment decisions.

Among methods used by this field of science, coronary angiography or coronarography is the most known one. This method enables receiving the most exact data for the disease diagnostics.

Being an effective and minimally traumatic method, coronarography successfully cures such diseases as stable and unstable angina.

Using catheters equipped with manipulators and a video camera able to cut tissues, to stitch and to insert implants and stents, Israeli cardiologists perform the most complicated surgeries without thoracotomy (opening the chest ).

This method is used for valve replacement and repair, implantation of electric pacemakers and vascular blockage – the vascular lumen is restored, or a stent is inserted.





## Neurosurgery

Neurosurgery in Israel is one of the most advanced branches of medicine. Thanks to impeccable professional training, the use of a wide range of techniques, including the newest innovations, Israeli doctors are able to manage and treat the most serious illnesses.

In treatment of such diseases as pituitary tumors, hydrocephalus, epilepsy, Parkinson's disease or even erectile dysfunction, Israeli neurosurgeons use the most effective and less invasive treatments.

The Hydro-Discectomy method is successfully used to treat severe back pain. This method consists of removing the affected tissues by a high-velocity fluid jet. Also, a high-precision and non-traumatic radiofrequency ablation of affected nerves is used to relieve pain symptoms.

When treating malignant brain tumors, depending on the stage of the disease, doctors in Israel may choose to treat the problems by surgery, radiation therapy or chemotherapy.



Surgery is performed by endoscopic methods, to avoid making large skin incisions and to significantly reduce the postoperative recovery period. Israeli neurosurgeons prefer minimally invasive surgery.

Stereotactic and endovascular surgeries are performed to treat various brain diseases, including infections, brain hemorrhage, as well as different types of tumors.

Meningioma therapy involves a combination approach, including both surgery and medication. Astrocytoma, especially if accurately diagnosed can be treated by a less invasive methods. Treatment of pituitary adenomas is performed mainly by the removal of the pituitary gland tumor, and recently in addition to the microsurgical and transsphenoidal intervention, a new method for the removal of pituitary adenoma became available - endoscopic transnasal surgery.



Endoscopic ventriculocisternostomy, aqueductoplasty, septostomy, bypass and other types of surgeries are performed to treat hydrocephalus and similar diseases.

Israeli experts achieved professional heights in the treatment of Parkinson's disease. Along with conservative therapy, surgical treatment of the disease is performed, involving the precise destruction of a very small area in a deep part of the brain that causes

symptoms. These methods are cryo-thalamotomy and pallidotomy. Furthermore, in Israel, for the treatment of Parkinson's disease, epilepsy and multiple sclerosis a surgical method of less invasive deep brain stimulation or DBS is widely used. Moreover, for the treatment of Parkinson's disease (still at an experimental level) Israeli hospitals offer stem cell replacement therapy.

## Endocrinology

The best clinics and hospitals of Israel offer treatment of endocrinological diseases at the highest level.

Israeli endocrinologists also treat among many other problems also osteoporosis-a disease with decreased bone density and strength that can lead to fractures of the bones. Infusion of Zoledronic acid is among the most advanced treatments worldwide and used extensively in Israel.

Israeli specialists in endocrinology cure such diseases of the thyroid as goiter (enlarged thyroid), hypothyroidism, hyperthyroidism, thyroiditis and various malignant tumors of the thyroid gland.

Hypothyroidism is treated mainly by substitution therapy- thyroid hormone. In case of thyrotoxicosis, B-blockers or substitution therapy are used. Thyroid tumors are treated by insertion of radioactive iodine or by surgical intervention – thyroidectomy. Thyroid carcinoma is cured by subtotal thyroidectomy and resection of lymph nodes. Nontoxic goiter is cured by means of resection or radioactive iodine therapy, but this method is used only in critical cases.

Treatment of endocrine disorders in Israel includes also such diseases as diabetes mellitus type 1 and 2, pituitary gland diseases (diseases of the hypophysis), including oncological diseases, and male and female sterility caused by pathology of hormone producing glands.

Treatment of diabetes mellitus in Israel includes both drug and surgical therapy. Surgery is done to replace autologous cells, which today constitutes a very advanced technology. In some cases, this surgery in combination with certain diets allows complete cure of diabetes mellitus!

In addition, Israeli endocrinologists cure pathology of the adrenal glands and metabolic disorders, such as obesity, hyperlipidemia and anorexia. Treatment of these diseases include an entire complex of procedures, including drug therapy and minimally invasive surgical treatment. Moreover, treatment of all these diseases involves joint work of



endocrinologists and other medical specialists, including andrologists, neurologists, gastroenterologists, neurosurgeons, gynecologists, sexual health specialists and psychiatrists.

Specialists of the best Israeli clinics offer comprehensive treatment of hormonally active and inactive pituitary adenomas. Treatment of this group of diseases includes both drug therapy correcting hormonal disorders which cause tumor growth, and surgical treatment, including surgical intervention aimed at total resection of the tumor minimally involving healthy brain tissues. At present, Israeli doctors make surgeries with transcranial and transsphenoidal approach, using endoscopic minimally traumatic methods. Beside this, hypophysis(pituitary) neoplasms are cured by radiotherapy which slows down rate of growth of these adenomas.



## Orthopedics

The orthopedic surgery units offer patients a wide range of modern treatment methods, many of which being most effective and low-traumatic will help achieve success in spine disorder treatment including scoliosis and perform successful surgeries in the field of pediatric orthopedics (orthopedic diseases in children).

The spine surgery includes a wide range of the disease treatments; however, the scoliosis treatment may be considered the most popular one. It is performed via the spinal column straightening and achieving the stability of the area that had suffered from the deformation. This is achieved by way of the surgical treatment, whereby the indications thereof will be: spinal curvature exceeding forty-five degrees, dynamic scoliosis progression when conservative treatment fails, as well as the significant deformation becoming visible. Besides, the scoliosis surgical treatment is carried out because also strong back pain and cardiac or breathing disorders because of the scoliosis deformation of the chest.



The Israeli doctors also perform spine minimally invasive surgeries allowing dorsal vertebrae fusion. Generally, this treatment method is indicated during chronic spinal pain, major stenosis and unstable vertebral column.

Among the spine surgeries a special place is held by discectomy meaning the surgical removal of prolapsed intervertebral disc. This is a very popular operation, since spinal disc herniation, being the indication for such a surgery, is the most common spine disease.

Spinal disc herniation can also be cured via conservative methods without a surgical intervention. But in a vast number of cases, the discectomy operation will be needed and be highly effective: In case that the disc pain radiates to legs and buttocks, and neurological disturbances appear such as of bladder and bowel incontinence and when pains cannot be blocked by pharmaceutical means.

The Israeli orthopedists successfully and effectively arrange the replacement arthroplasty being extremely complex surgical operations relating to hip and knee replacement, as well as the tumor and bone cyst excisions when correcting congenital and acquired bone diseases.

Many surgical disease treatment methods in the field of orthopedics are implemented by Israeli surgeons through minimally invasive modification: Minimally invasive arthroscopic and endoscopic operations significantly shorten the post-surgery recuperation period for the patient.

Regarding the pediatric orthopedics, the Israeli doctors are eager to offer their experience in the field of limb lengthening and skeletal curvature correction, as well as the treatment of the congenital coxofemoral joint dysplasia and many other congenital disorders. When selecting the treatment methods in the Israeli clinics the emphasis is put on minimally invasive techniques causing minimal damage to the body of a child. The best Israeli specialists have a vast experience in performing the distraction of the coxofemoral joint, limb correction based on Elizarov method, as well as the treatment of kids' injuries caused by accidents or sport activity, excision of tumors of the musculoskeletal system, including the lower limb hemangioma, and clubfoot and flatfoot treatment with the implementation of conservative treatment methods without the need for surgical intervention.





## Gynecology

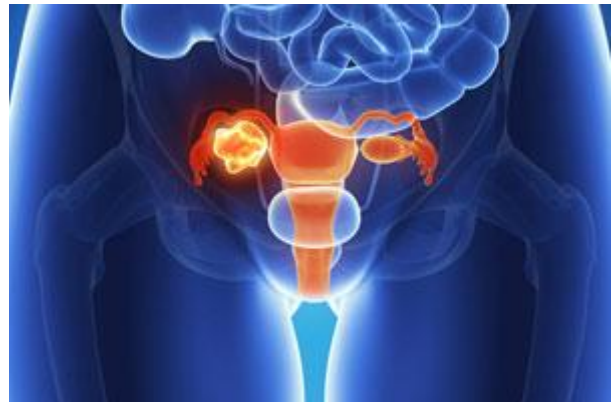
Gynecological surgery in Israel is performed in the three top hospitals we represent in a highly effective and minimally invasive way. Our top Israeli gynecologists use endoscopic methods to work minimally invasive, organ conserving and reconstructive in nature, which significantly reduces the risk of complications.

The best specialists in urogynecological surgery use minimally invasive methods like sling surgery where a support sling is implanted to treat urinary incontinence, laparoscopic surgery for implantation of support for pelvic organs as well as laser therapy which helps increase tightness of the vagina after childbirth.

Infertility treatment methods in Israel are considered to be among the most effective in the world.

The choice of treatment depends on the age of the patient and the nature and cause of the pathology. In case of ovulatory dysfunction infertility is treated with hormonal methods, same as in hyperprolactinemia, and thyroid disorders. When infertility is due to defects of the fallopian tubes, fibroids and cysts - treatment is carried out by surgical methods.

A widely used method of reproductive technology is intrauterine insemination, where by use of a catheter sperm cells are inserted directly through the cervix and the uterine cavity into the Fallopian tubes to meet the ovum.



Israeli doctors are world known specialists in IVF (in vitro fertilization). In this technique, hormonal stimulation of the ovaries provides multiple eggs, which are removed from the body of the female and fertilized by the sperm in a test tube.

The resulting embryos are placed into the womb. A special form of IVF is intracytoplasmic sperm injection

(ICSI), where, due to sperm abnormalities, sperm cells are injected directly into the egg cell. Preimplantation genetic screening can be used to screen the embryo before placing into the womb.

Use of laparoscopic techniques is common in gynecological operations; however traditional surgeries are advised in some cases. For oncological cases gynecologists in Israel use laparoscopic surgeries to remove tumors and lymph nodes.





Laparoscopy is also used to perform uterosacral nerve ablation and to remove fibroids (myoma) ovarian cysts and to treat endometriosis and adhesions. In general, laparoscopic and other minimally invasive gynecological endoscopic surgery like hysteroscopy allow for preservation of reproductive organs, minimize pain and recovery period.

## Otorhinolaryngology

The best Israeli clinics and hospitals offer the state-of-the art medical solutions in the field of otorhinolaryngology intended to assist in curing laryngopathy, nasopharynx disease and inner ear disease implementing the entire range of effective and low-trauma procedures.

The indications for surgical treatment of head and neck occur in difficult cases, when the pharmaceutical treatment proved not to be effective. The Israeli otolaryngologists carry out the most significant surgical operations on vocal cords, nasal septum, nasopharynx and oropharynx, eardrum membranes and tongue, as well as on parathyroid and thyroid gland. The best Israeli experts even manage to excise the tumors considered inoperable worldwide!! Surgical treatment of head and neck is provided with the implementation of the microsurgical treatment techniques, minimally invasive and endoscopic techniques; and robotic surgery is applied.

The experts of Israel best clinics successfully and effectively perform the conservative and operative therapy of nasal breathing disorders which are the result of disturbances of the normal process of respiration such as acute and chronic sinusitis, nasal turbinate hypertrophy, deflection of nasal septum and fungal sinusitis.



The cure of diseases of the nose considers both pharmaceutical treatment and endoscopic surgeries with the implementation of robotic techniques and modern navigation systems. These are low-trauma surgeries, which in most cases help solve the problem completely avoiding long-lasting post-surgery periods.

There are several effective methods used to cure the nasal oncology, among these diathermocoagulation, which is effective through high-frequency alternating current implemented on the affected area resulting in the destruction of the cancerous cells.

The Israeli doctors perform the surgical treatment of all types of the diseases, both outer ear and middle ear, as well as the mastoid area. Surgical treatment of ear diseases in Israel considers the surgeries, like excision of external acoustic meatus and auricular concha tumors, correction of periotic bone defects, as well as the tympanoplasty meaning the surgery performed through the eardrum opening.

Israeli otolaryngologists successfully treat the otitis media and they also excise the benign and malignant tumors and perform the surgeries on middle ear and mastoid to remove chronic processes and tumors. The top Israeli experts also make the surgical hearing repair after otosclerosis and perform cochlear implantation.

The ear cancer treatment in Israel is carried out by the surgical method, where mastoidectomy and temporal bone subtotal resection are performed, neck lymphnodes are removed by way of the radiation treatment being effective for sarcoma and melanoma therapy. Close-focus roentgenotherapy, gamma-ray teletherapy, as well as the chemotherapy complement the surgical treatment.



## Ophthalmology

The best Israeli hospitals offer timely and effective ophthalmology (eye disease) treatment including the unique eye surgeries helping the patient in vision recovery.

The glaucoma treatment in Israel involves either urgent surgical treatment, if the glaucoma is congenital, or consistent treatment course comprising of the pharmaceutical treatment, laser and surgical treatment, if the glaucoma is chronic. The Israeli best clinic specialists perform effective and low-trauma laser surgeries: argon, selective and micropulse trabeculoplasty,

cyclophotocoagulation and peripheral iridotomy, as well as the surgical treatment of glaucoma in case of ineffectiveness of specific types of treatment by way of the operations like sclerotomy, trabeculotomy, shunting and viscocanalostomy.



The cataract treatment at the best Israeli specialists involves both the pharmaceutical treatment and the operative therapy with the help of the most tissue sparing modern techniques: laser cataract removal, laser capsulotomy, intraocular lens implantation, as well as the cataract treatment by way of the surgical intervention.

The Israeli ophthalmologists perform the lens extraction through the intracapsular extraction method, whereas the lens is extracted either along with the capsule or via extracapsular extraction, or by cryoextraction method, whereby the lens is attached to the medical instrument preliminary frozen, and is extracted afterwards.

In Israel it is possible to cure the retinal diseases via endovitreal and extrac scleral methods, as well as a number of alternative techniques, including the cryotherapy, laser therapy and others. The ophthalmologists in Israel make surgeries to strengthen the the retina, sophisticated retina surgeries allowing the treatment of the most difficult lamination cases, thermal and photodynamic retinal atrophy treatment.

The Israeli best clinic specialists in ophtalmology successfully treat the keratoderma diseases like keratitis, corneal ulcers, phlyctenular diseases and other disorders by way of recovery of the cornea transparency both through the coservative techniques and via the surgical intervention up to the replacement of cornea in critical cases or by way of waxwork plastic, whereby the damaged cornea part is removed and replaced by the donor cornea.



The treatment of optic nerve atrophy in Israel is primarily intended to stop the disease progression both through the pharmaceutical method and physiotherapy and magnetic and laser electrical stimulation. The treatment of optic nerve atrophy in Israel requires the performance of a variety of arrangements. In some cases, it is necessary to undertake complex procedures - MRT, CT, X-ray examination. The treatment process is sophisticated; however, the Israeli medicine has all the necessary means enabling the performance thereof. The used modern methods eliminate the aftereffects and return visual acuity to the patient.

# Hospitals

## Assuta Hospital



## Tel HaShomer (Sheba) Hospital



## Herzliya Medical Center



## Hospitals

### Assuta Hospital



The Assuta Hospital in Tel Aviv: advanced innovations to fight diseases Assuta Hospital is the largest private hospital in Israel, and was founded in 1934 in Tel Aviv. Today it is the central location of the clinic's hospital and institute. In addition, Assuta operates 11 branches in various cities. Some 90 thousand surgeries are performed every year in the various wards of the hospital and more than 650 kinds of various diagnostic and therapeutic procedures.

Assuta received an accreditation certification from international organization of Joint Commission International (JCI), accreditation is given only to medical institutions that are recognized as world leaders in health care and patient safety. The accreditation is also for their outstanding achievements in the development and implementation of global medical innovations for diagnosis and treatment of patients from around the world To receive this accreditation, health care organisations must match 329 global standards, estimated by 1,200 criteria of quality and leadership in health care.

Assuta offers its patients a new generation of equipment for the diagnosis of cancer: PET-MRI.

Only few hospitals in the world have this equipment. PET-MRI is a hybrid of already proven technologies used to diagnose cancer - magnetic resonance imaging and positron emission tomography. The advanced technology of modern diagnostic equipment increases the possibilities of the success of Israeli medicine and puts Assuta Hospital among the best medical clinics in diagnosing and treating cancer.

#### **Distinctive features of the Assuta hospital:**

- a full range of medical services: diagnostics, treatment, surgery and rehabilitation;
- hybrid operating rooms, that allow patients to undergo both surgical and interventional procedures at the same time;



- specialists perform certain types of surgeries using the unique NASA technology - the Da Vinci robot;
- modern tomographic center that has capabilities for conduct of computerised diagnostics, ultrasound, scans of internal organs, MRI, PET, and PET-MRI.
- hospital staff -more than 1,200 highly qualified doctors and medical personnel. Many of them speak fluently in English and French, which helps to avoid language barriers between specialist and patient;
- the most advanced international technology and “know-how” of Israeli medicine is used, and the results in most cases are among the best in the world.

### Departments of the hospital:

- |               |                    |                          |
|---------------|--------------------|--------------------------|
| • Surgery     | • Neurosurgery     | • Nephrology             |
| • Oncology    | • Diagnostics      | • Department of IVF      |
| • Cardiology  | • Tomography       | • Gynecology and urology |
| • Orthopedics | • Gastroenterology | • Anesthesiology         |
|               | • Pulmonology      |                          |

Cancer, cardiac or orthopedic diseases, diseases of endocrine system, genitourinary system, gastrointestinal tract- that is just a small list of diseases which are successfully treated at Assuta.

After hospitalization, patients have the opportunity to stay in a comfortable double room. Each bed is equipped with modern medical equipment, as well as a TV with program broadcasting, including in English and French language, wi-fi access, and personal button for calling emergency personnel.

Many years of experience in the practice of medicine in Israel, striving to constantly expand the vault of accumulated theoretical knowledge and replenish it with the latest innovations, the use of newest technology allows patients from all over the world to receive the highest level of medical services and effective medical care in the Assuta hospital.



**Israel Medical Center** is the **official representative** of the Assuta Hospital.

We guarantee you quality treatment and a warm, sincere attitude.

## Tel HaShomer (Sheba) Hospital



Tel HaShomer (Sheba) Hospital: among the best hospitals in the world!

Israel's largest hospital, founded in 1948 as a military hospital, after 5 years began to function as a medical facility not only for the military but also civilians.

In 2013 Tel HaShomer received accreditation from Joint Commission International (JCI): the first hospital in the Middle East to be among the world's best institutions!

**Joint Commission International (JCI)** - is an international organization dedicated to promoting and improving the quality of care and patient safety in healthcare facilities. JCI accreditation is the "gold standard" for healthcare organizations seeking to improve the quality of medical services. The JCI accreditation is regarded as a pledge of confidence of patients traveling outside their country in search of high-quality medical services.

This certificate confirms the world's academic standards for the development of new medical technologies. Clinical studies and joint research projects conducted by scientists and doctors from around the world (at the hospital's grounds), provide patients with the most innovative medical technologies. In the center of the process of examination and treatment are the patient and his family - with all their needs. The human factor is an important part of treatment, this is a unique approach of our hospital specialists.

Today, the hospital Tel HaShomer is made up of more than 150 clinics and departments, where more than 1.2 million patients are treated annually. More than a thousand doctors and about six thousand healthcare professionals work in Tel Hashomer (Sheba).

The Hospital is the most popular and modern medical institution in the Middle East.

Uniqueness of the hospital lies in a comprehensive approach - the patient is able not only to receive treatment, but also to recover after surgery or medical treatment. Annually the



hospital handles 1.2 million patients, 170,000 emergency room patients, and 107,000 in-patient admissions.

## The main core specialties of "Tel HaShomer" Hospital

- Oncology
- Oncohematology: treatment of leukemia, lymphoma, all types of myeloma.
- Surgery: thoracic, vascular, general, transplant, oncology
- Cardiac Surgery: heart transplantation, coronary artery bypass and rehabilitation, treatment of congenital heart defects
- Orthopedics: endoprosthesis of joints, treatment of rheumatoid arthritis
- Pulmonology.
- Nephrology.
- Pediatric clinic.
- In Vitro Fertilization.
- Eating disorders: treatment of anorexia and bulimia.
- Rehabilitation center.
- Endocrinology Institute: treatment of diabetes, thyroid cancer and adenoma
- Urology: treatment of prostate adenoma, urethritis, dialysis and kidney and bladder operations
- Aesthetic Medicine Clinic (Clinic "Class.")
- ENT surgery.
- Gynecology and gynecological oncology.
- Neurology and neurosurgery: treatment of multiple sclerosis and amyotrophic lateral sclerosis, epilepsy, Parkinson's disease and treatment of benign and malignant brain tumors.
- Institute of Gastroenterology.
- Rheumatology.
- Lab tests.

**Israel Medical Center** is the **official representative** of the Tel HaShomer hospital.

We guarantee you, our dear patient, first class quality treatment and a warm, sincere attitude.



## Herzliya Medical Center



Herzliya Medical Center (HMC) is a private multi-institution clinic, it is considered one of the best- not only in Israel, but in the world. It began working in 1978 on the Mediterranean coast to the north of Tel Aviv. The daily work of Israeli doctors ensures the long-awaited results to thousands of patients from abroad who come to Israel for treatment. The high level of medical care and the individual approach to each patient in conjunction with the constant care and attention to their needs, confirms the excellent reputation of the clinic among Embassy employees and senior officials of many countries.

The HMC is the caregiver of all the peacekeeping international organizations in Israel like UN, UNDOF, UNIFIL, UNTSO and MFO, and of international insurance companies like AIG and Blue Shield of the USA. The clinic is deservedly among the elite medical institutions in Israel.



A unique feature of the Herzliya Medical Center is the license to conduct the most complex procedures in all areas of medicine: open-heart surgeries, balloon angioplasty and coronary angiography; endoscopy surgery; neurosurgery; microsurgery; urology and kidney transplants.

The Herzliya medical center has a leading number of medical personnel. Each patient receives expert help and the opportunity to receive diagnosis, treatment and postoperative care in comfortable surroundings. endoscopic surgery, neurosurgery, microsurgery, urology, gynecology, endoprosthetic joint replacement, plastic surgery, and surgery using laser technology. The cardiothoracic surgery department is noteworthy. It is equipped with the most modern equipment that is required for the success of complex surgeries- among the equipment there are the latest generation devices for anesthesiology and intensive care.

All staff undergo strict selection to conform to the highest standards. The hospital keeps on staff highly qualified doctors and accredited specialists who are practitioners in state hospitals that engage in scientific research and teaching at universities.

At Herzliya Institute of Laser Therapy, dozens of patients with ENT diseases are treated daily. The Institute treats diseases by using the latest techniques. Additionally, there are these areas of expertise: Department of Vascular Surgery, Diagnostic Center, Ophthalmology Department, and Institute of Genetics and IVF Center.

**The hospital provides a full range of services in various fields of medicine, including:**

- **Oncology,**
- **Hematology,**
- **Neurology and neurosurgery,**
- **Endoscopy,**
- **Microsurgery,**
- **Orthopedics,** one of the main fields that focuses on endoprosthetic joint replacement with aid of computer navigation,
- **Gynecology and Urology** (including oncology)

There is clearly a high level of professional training of the specialists at The Herzliya Medical Center, as well as the assurance of innovative techniques and the use of modern medical equipment. All of this helps diagnose almost any kind of disease and implement a successful treatment- right here in Israel.

**Israel Medical Center** is the official representative of Herzliya Medical Center (HMC) and we guarantee you quality treatment and a warm, sincere attitude.





**Contact Us:**

**Israel Medical Center**

[www.IsraelMedicalCenter.com](http://www.IsraelMedicalCenter.com)

[info@IsraelMedicalCenter.com](mailto:info@IsraelMedicalCenter.com)

[israelmedicalcenter10@gmail.com](mailto:israelmedicalcenter10@gmail.com)

**+972-72-244-1644**

**+972-55-66-99-088**