

# RABIN MEDICAL CENTER

A LONG TRADITION  
OF EXCELLENCE



RABIN MEDICAL CENTER  
BEILINSON • HASHARON



# RABIN MEDICAL CENTER

Rabin Medical Center (RMC), in the vanguard of Israel's healthcare system, is one of the country's leading medical institutions, renowned for its superior level of patient care. Home to several centers of excellence, it has earned a world-class reputation for its cutting-edge treatments, advanced medical technologies, pioneering medical research and a holistic approach to patient care.

Ideally located in the center of the country, Rabin Medical Center is a major tertiary referral center for patients from all over Israel and abroad. As a public hospital, RMC provides equal access to healthcare to patients from all of Israel's diverse religious and cultural population groups.

The establishment of Beilinson Hospital in 1936 was an important milestone in the development of the Jewish Settlement in the Land of Israel. The new hospital was intended to serve the pioneers in the surrounding regions. The Hasharon Hospital was founded in 1942 with the growing need for medical services.

**Rabin Medical Center, named in memory of the late Prime Minister Yitzhak Rabin, was created in 1996 as a result of the merging of Beilinson and Hasharon Hospitals.**

With both hospitals enjoying a long and proud tradition of providing compassionate and outstanding patient care to the citizens of Israel, the Center is distinguished as one of Israel's largest and most prestigious medical facilities.

## PRESTIGIOUS TEACHING HOSPITAL

Affiliated with the Tel Aviv University - Sackler School of Medicine, RMC has earned a nationwide reputation as a prestigious teaching hospital for interns, residents and fellows in all fields of medicine, with many staff members holding academic positions.

## A MESSAGE FROM THE CEO DR. EYRAN HALPERN

When asked to describe Rabin Medical Center, I say that we are passionate about medicine and compassionate about people.

As CEO of Rabin Medical Center, I am privileged to work with talented, highly committed teams who dedicate themselves to improving the health and wellbeing of others. Our duty is to bring to the center of Israel and beyond the highest quality healthcare, and our outstanding staff do that every day.

Rabin Medical Center, with its long tradition of excellence, stands in the forefront of medicine in Israel and worldwide.

Highly committed to safe, high-quality patient care, we are accredited by the Joint Commission International (JCI) that certifies healthcare organizations around the world, setting health standards globally.

We remain committed to maintaining our reputation as a premier healthcare facility by meeting tomorrow's challenges and paving the way for new medical frontiers.



### RMC's Vision

Rabin Medical Center - the Leading Institution in Israel:

- In Treatment and Quality of Medicine;
- In Supportive Attention Offered to Patient and Family;
- In Innovation and Research

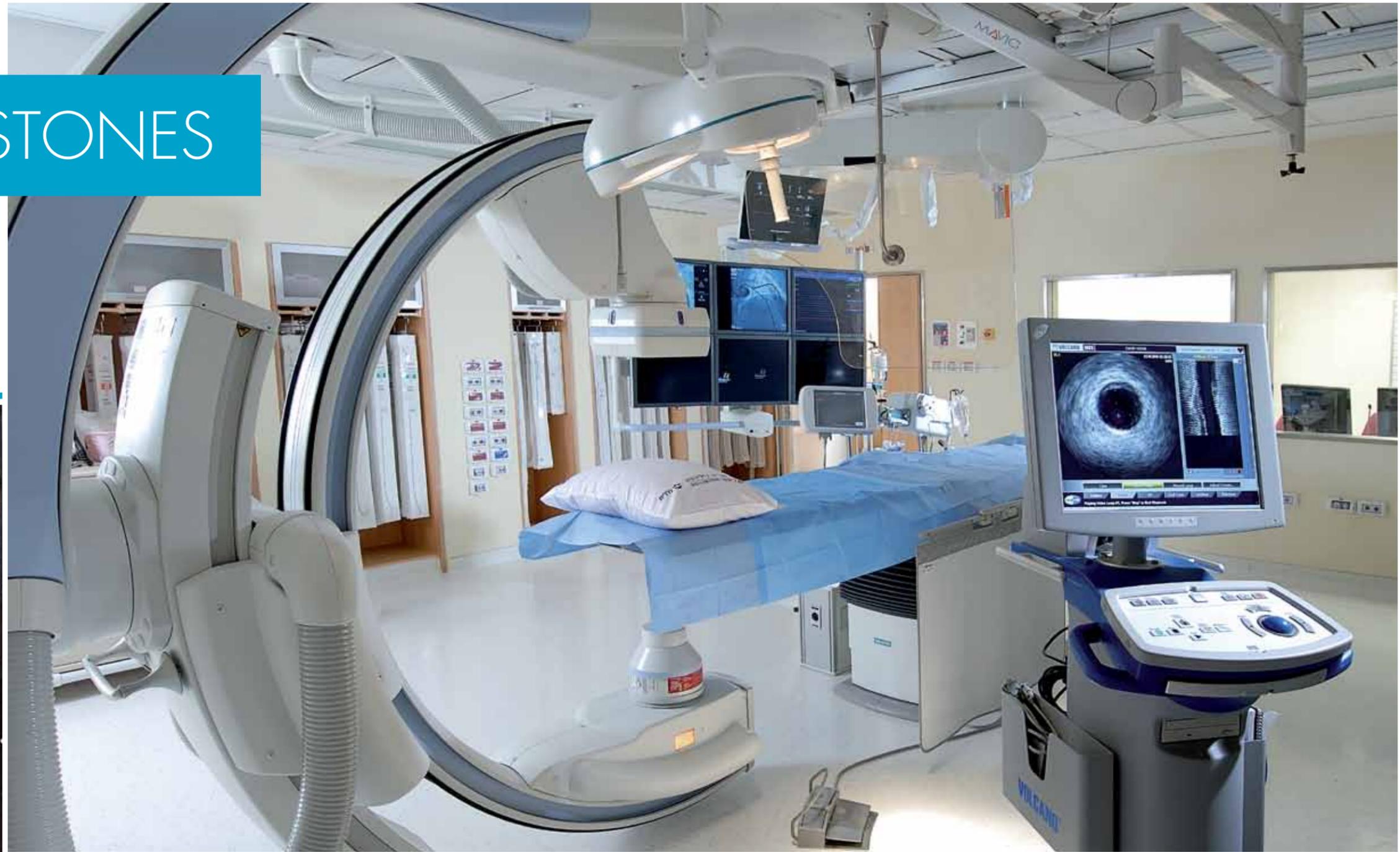
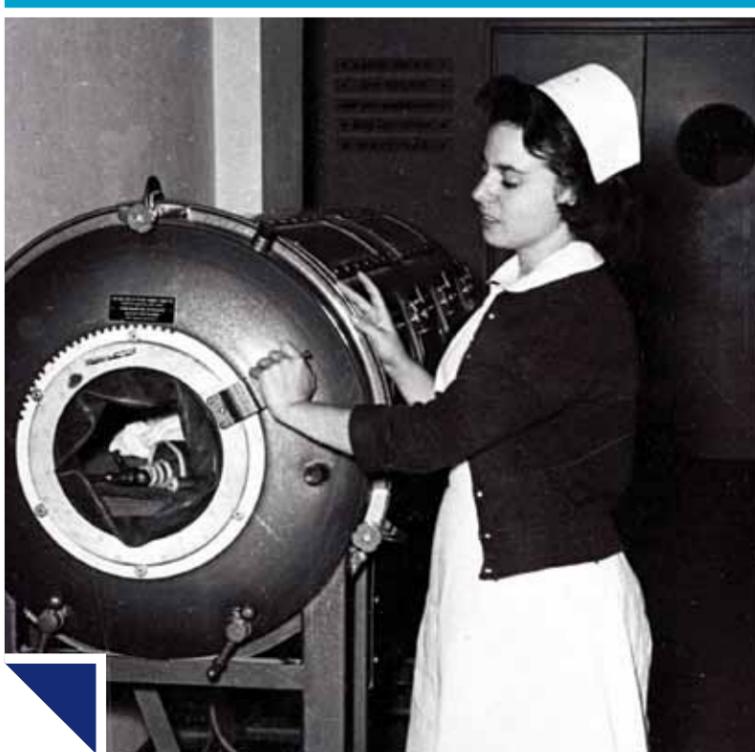
Rabin Medical Center will be first choice:

- For all those seeking superior and compassionate medical care;
- For those pursuing careers in the medical professions

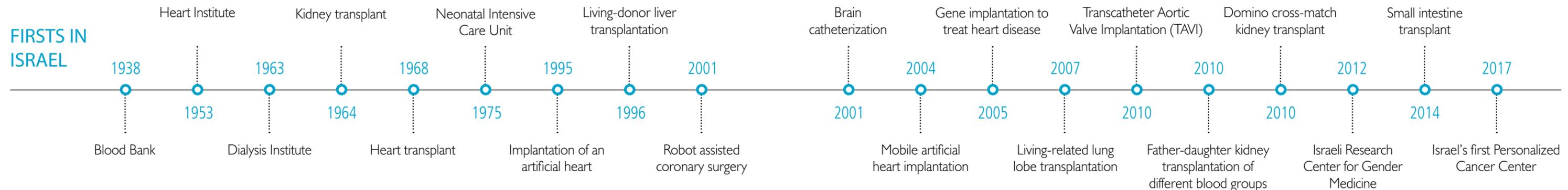


# MEDICAL MILESTONES

Throughout its history, Rabin Medical Center has been a pioneer in Israel's healthcare system - introducing novel life-saving procedures and being the first in Israel to open new specialized departments and to apply innovative techniques.



## FIRSTS IN ISRAEL



## PATIENT-CENTERED CARE

At Rabin Medical Center we are first and foremost motivated by our commitment to our patients, placing their needs and concerns above all else. Our staff works around the clock to heal and to improve patients' quality of life and to ensure that they are getting the finest care possible. Beyond providing outstanding medical treatments, RMC invests in support services for patients and families and is dedicated to creating a warm and comforting environment with maximal patient dignity and privacy.

## DEDICATED TEAMS

Rabin Medical Center's excellence rests upon the performance of our dedicated personnel, working together to provide the best possible medical and nursing care, based on knowledge, compassion and excellence. RMC has about 4,500 dedicated health professionals and specialists attending some 1,000,000 patient visits throughout the year. Many of the Center's medical staff are internationally renowned in their respective fields keeping the hospital at the forefront of Israel's health system.

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For three years in a row, RMC's Beilinson Hospital has been chosen No. 1 in the Israel Health Ministry's patient satisfaction survey.

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PEOPLE FOR PEOPLE



# EXCELLENCE ON ALL FRONTS



10 Neuro-vascular angiogram for interventional brain catheterization

## ADVANCED TECHNOLOGIES

Rabin Medical Center places great importance in availing the staff with the foremost tools to perform their mission, and investing in continuous renewal of equipment and sophisticated technologies for diagnosis and treatment in all fields of medicine.

**Early and accurate diagnosis** is the first step to recovery, with highly sophisticated imaging modules enabling early diagnosis - literally saving lives. **New generation treatment modules** and innovative technologies, many of them minimally invasive, provide significant medical advantages including enhanced treatment, improved patient safety and comfort and quicker recovery time.

## RMC'S VITAL STATISTICS

- 1,000,000 Annual Patient Visits
- 170,000 Emergency Room Admissions
- 30,000 Surgical Procedures
- 9,000 Births
- 4,500 Staff Members
- 1,050 Patient Beds
- 50 Research Laboratories
- 37 Operating Rooms

# ADVANCING MEDICINE FOR FUTURE GENERATIONS

## CUTTING EDGE RESEARCH

With the deep conviction that research is vital for the advancement of medicine for both present and future generations, Rabin Medical Center has set excellence in research as one of its ultimate goals.

Rabin Medical Center is one of the most distinguished academic medical institutions in Israel, with staff immensely involved in research activities, striving to discover the sources of disease and provide opportunities for major advancements in disease prevention and management.

RMC's researchers, comprised of specialists, residents, nurses, scientists and research coordinators, work in collaboration with many prestigious medical and research institutes in Israel and abroad, presenting their results in national and international congresses and publishing more than 250 research papers annually in international scientific journals.

**The Felsenstein Medical Research Center**, situated on the hospital campus, offers a unique opportunity for conducting basic research with direct clinical applications. RMC's Central Research Authority initiates strategic collaborations in various fields of research and is involved in opening up horizons to a new generation of researchers.

## TISSUE BIO-BANK - AT THE FOREFRONT OF RESEARCH AND PERSONALIZED MEDICINE

Believing that today's research is the building block for tomorrow's medicines, RMC has established a **Tissue Bio-Bank**, aiming to facilitate biomedical research using freshly frozen tissues and other biological materials. The Tissue Bank will offer an invaluable resource for research groups involved in both basic and translational research. Special emphasis will be placed on malignant diseases, with the aim of devising new treatments and clinical applications. The Tissue Bio-Bank will also be involved in the Personalized Cancer Medicine Program.





## A HEALING ATMOSPHERE

### HOSPITAL WITH A SOUL

Rabin Medical Center leads the way in Israel for the innovative global trend that emphasizes aesthetic and harmonic surroundings to enhance the patient's healing process.

The **Gour Shasha Tower** boasts superior patient-friendly hospital accommodations, while the novel Project of the Arts has brought artwork and water fountains to public spaces throughout the hospital. Our **Sculpture Garden**, at the heart of the campus, contains works of art of famous Israeli sculptors, including Menashe Kadishman, Yigal Tomarkin, Ofra Zimbalista, Yaacov Agam and more. Likewise, our exquisite glass and stone light-filled synagogue welcomes patients, staff and visitors.

Our unique and innovative "Nature and Harmony in the Treatment Setting" project in the Intensive Care Unit combines visual art and sound, creating a soothing experience to aid in the healing process.



# CENTERS OF EXCELLENCE

## COMBINING FORCES

Rabin Medical Center's two hospitals, Beilinson and Hasharon, combine forces, together with the additional healthcare facilities within their complexes, enabling collaborative and comprehensive medical care and joint research activities.

Its centers of excellence are at the forefront of healthcare in Israel, leading medicine in the various fields of specialization in medical treatment and diagnostics.

These facilities include:

**Gour Shasha Tower** - Providing a first-class hospitalization environment

**Davidoff Cancer Center** - Treating over 20% of cancer patients in Israel

**Helen Schneider Women's Hospital** - Promoting interdisciplinary healthcare for women

**Recanati Institute of Genetics** - For genetic diagnosis and counseling and forward thinking research

**Transplantation and Nephrology Centers** - Treating 70% of Israel's organ transplant recipients and candidates

**Jusidman Emergency and Trauma Center** - RMC's new emergency facility, one of only six Level 1 Trauma Centers in Israel

**Surgical Tower** - RMC's major development project for fully sheltered operating rooms and intensive care and inpatient facilities

**Schneider Children's Medical Center of Israel** - Comprehensive medical care for children

**Geha Mental Health Center** - Inpatient and outpatient psychiatric evaluation and care

**Felsenstein Medical Research Center** - Laboratory facilities for basic research with direct clinical applications

**Dina Academic Nursing School** - Higher education towards a highly demanded profession



## ORGAN TRANSPLANTATION - A NATIONAL LEADER

Rabin Medical Center's Organ Transplantation Department is the number one transplantation facility in the country, performing some 70% of Israel's organ transplants annually.

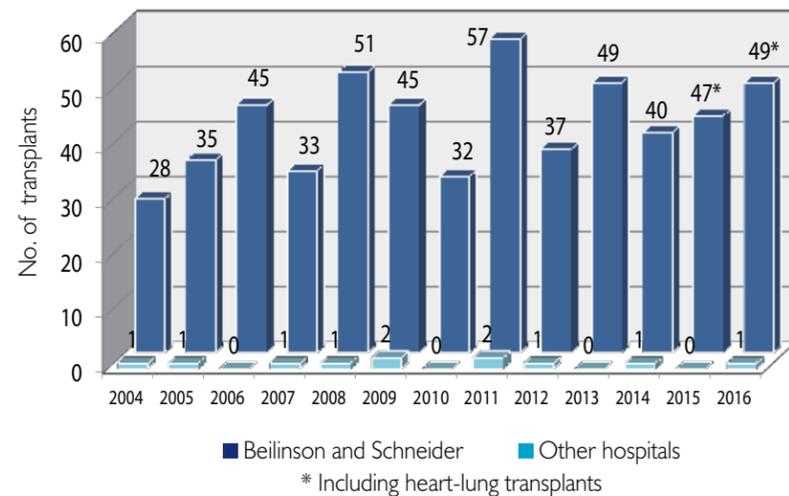
A leader in kidney, lung, heart, liver and pancreas transplants, RMC boasts an active multiple organ and living-related donor program. Our hospital remains a pioneer in transplant procedures in the country, from the performance of Israel's first kidney transplant in 1964 and first heart transplant in 1968, the fifth institute in the world to do so, to the first small intestine transplant in 2014.

### RMC'S ANNUAL TRANSPLANT ACTIVITIES

- Virtually 100% of the **lung** transplants in Israel are performed at RMC
- 70% of the **organ** transplants in Israel, including kidney, pancreas and liver
- 85% of the kidney transplants from a **live donor**, including altruistic donors
- 95% of the abdominal organ transplantations in **children** in Israel
- 200 kidney transplants a year
- 40 liver transplants a year
- 50 lung transplants a year

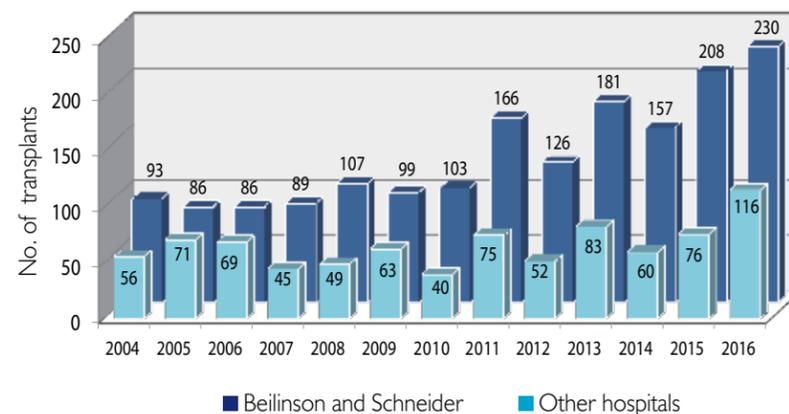
#### Lung Transplants 2004-2016

Distribution per hospital:  
Beilinson and Schneider  
as opposed to all other  
hospitals in Israel



#### Kidney Transplants 2004-2016

Distribution per hospital:  
Beilinson and Schneider  
as opposed to all other  
hospitals in Israel



# FIRST CLASS CARDIAC CARE

## CARDIAC FACILITIES - A NATIONWIDE REPUTATION

RMC's Heart Team offers cardiac patients the most advanced life-saving diagnostic and treatment modalities in two specialized divisions, both leaders in their fields.

**The Division of Cardiothoracic Surgery**, by far the largest of its kind in Israel, performs over 1,100 advanced surgical procedures every year on the heart, lungs, chest and major blood vessels, and over 30% of open heart surgeries in Israel. The Division is the leader in innovative life-saving procedures such as implantation of mobile artificial heart (TAVI), and of ECMO, as a bridge until recovery of heart and/or lungs for critically ill patients. Its Department of Thoracic Surgery is the only facility in Israel that performs lung transplants.

**The Division of Cardiology**, renowned for its expertise in evaluation and treatment of cardiovascular diseases through both invasive and non-invasive modalities, treats all non-surgical inpatient and outpatient cardiac patients, striving to save lives and enhance quality of life. Its Interventional Cardiology, Electrophysiology and Arrhythmias and Nuclear Cardiology Units are based on the use of the most advanced technologies.

The Division is renowned for its specialty services, some of them innovative and unique in the country, including the Women's Heart Clinic, the Cardio-Oncology Clinic, and the Adult Congenital Heart Disease Unit.



# STATE OF THE ART CANCER CENTER

## THE DAVIDOFF CENTER: COMMITTED TO SAVING LIVES

RMC's Davidoff Center is a national focus of excellence in cancer care, treating over 20% of all oncology and hemato-oncology patients in the country.

Based on a multidisciplinary approach, teams of healthcare professionals collaborate closely in the best interests of the patients. Committed to saving lives, the dedicated staff provides patients optimal and innovative treatment options, with the help of cutting-edge technologies and state of the art protocols, and is making major inroads in patient care, alongside cancer research.

## COLLABORATIVE CARE

From the primary evaluation phase, through staging, surgery, treatment and follow-up, Davidoff professionals work together with specialists from RMC's various centers of excellence, to provide the best possible consolidated care, striving to increase both lifespan and quality of life. These centers of excellence include, among others, the Departments of Pulmonary Medicine, Urology, Neurosurgery, Dermatology, Gastroenterology, Head and Neck Surgery, Genetics, Personalized Medicine, Cardio-oncology and more.

## WELLNESS SERVICES

Striving to enhance quality of life, the Davidoff Center also offers wellness services provided in collaboration with medical care, including the Integrative Medicine Unit, the Palliative Care Unit, and the Cancer Information Center.





# THE MEDICINE OF TOMORROW

In recent years, there has been an impressive advancement in the insight into genetics and molecular diagnostics. Furthermore, the capabilities for biological and immunotherapy treatment protocols targeted towards the patient's individual DNA make-up, is currently revolutionizing treatment of cancer patients.

## ULTRA-MODERN GENETIC INSTITUTE

The Raphael Recanati Genetic Institute, the largest and most advanced institute for genetics in Israel, has a forward looking vision, applying the continuous discoveries from disease gene identification and the Human Genome Project for the welfare of patients. Operating at the most advanced international standards, it provides the highest quality diagnosis and genetic counseling, together with the scientific basis for new-generation treatments.

The Genetic Institute is also immensely involved in forward-thinking clinical and basic research, improving our understanding of human disorders, for the benefit of our patients and society as a whole.

## THE PERSONALIZED CANCER THERAPY CENTER

Innovative Center - the first in Israel, aiming for the availability of targeted medicine analysis and therapy, for all of Israel's cancer patients.

In patients with cancer, patient-specific treatment tailored to the exact genetic profile of the tumor dramatically improves the success of treatment, together with a lessening of toxicity and preservation of quality of life. This approach has recently become available thanks to rapid development of leading-edge molecular diagnostic technologies.

The Center for Personalized Cancer Therapy, under establishment at RMC's Davidoff Center, aims for the availability of personalized medicine for all cancer patients in Israel. **The first such service in the country**, the Center introduces next generation molecular diagnostic technologies, not available until now in Israel, and provides personalized biological and immunotherapy treatment protocols, targeted towards the individual's DNA make-up.

# SAVING LIVES

## EMERGENCY AND TRAUMA - WHERE EVERY SECOND COUNTS

Each year, Rabin Medical Center's emergency rooms admit and treat about 170,000 emergency patients.

The Jusidman Center for Emergency and Trauma Care at Beilinson Hospital is Israel's largest emergency complex. Planned according to Israel's Home Front Command's strict emergency readiness requirements and adopting the most novel models of hospital planning, this emergency center houses the necessary facilities to respond efficiently to all types of emergencies and provide high-quality and well-coordinated life-saving care.

Designated as a Level 1 Trauma Center, one of only six in Israel, it provides superior emergency care for major trauma victims, saving the lives of civilians, adults and children, together with IDF soldiers injured while serving their country. RMC's heliport and other vital services stand ready for all types of emergencies, while the hospital is continually preparing itself against conventional, chemical, biological and all-out warfare.



Soldiers flown to RMC, Operation Protective Edge

## LEVEL 1 TRAUMA CENTER

Standing ready  
for all types of emergencies  
24/7





# GENDER MEDICINE

## COMPREHENSIVE WOMEN'S HOSPITAL

The Helen Schneider Hospital for Women at RMC provides interdisciplinary, high quality, preventive and integrative healthcare for women - all under one roof. It offers an impressive range of inpatient and outpatient medical services to cater to women's special needs, and is proud of its role in delivering almost 10,000 babies each year.

The Hospital is a leader in fertility treatments and diagnostic ultrasound, and has dedicated services for high-risk pregnancies, gynecologic oncology and gynecological surgery.

## ISRAELI CENTER FOR GENDER MEDICINE

Israel's unique Center for Gender Medicine was inaugurated at Rabin Medical Center, based on the insight that women may exhibit other medical symptoms than men, react differently to medical therapy, and cope differently with diseases. The Center aims to promote gender aspects in science, research and public health.





Multi-cultural staff

# MEDICINE AS A BRIDGE TO PEACE

## MICRO-COSMOS OF ISRAELI SOCIETY

Rabin Medical Center is a micro-cosmos of Israeli society, bringing together staff, patients and visitors from all of the country's varied cultural groups, including Jews and Arabs, orthodox and secular, focusing together on a mutual cause in a multicultural environment.

## HUMANITARIAN ACTIVITIES

An active participant in efforts to advance medicine worldwide, RMC treats seriously ill patients from the Palestinian Authority (West Bank and Gaza Strip) in its various medical departments.

Many staff members have taken part in medical challenges abroad, including trauma care of hurricane victims in Haiti, surgical treatments in Africa, and more.

Delegations of physicians and nurses from developing nations come to RMC for special study sessions and return to their homelands with enhanced professional tools, besides becoming ambassadors of good will for the State of Israel.



RMC ophthalmologists in Asia



Surgeon from Africa training at RMC

# GLOBAL EFFORTS TO ADVANCE MEDICINE



International collaborators

## INTERNATIONAL COLLABORATION

RMC has important academic and scientific collaborative agreements with internationally recognized academic medical centers, including **UT-Southwestern Medical Center** in Texas, **Montefiore Medical Center** in New York, **Stanford University Medical Center** in California, **McMaster University** and the **Jewish General Hospital of Montreal** in Canada, **Keio University** in Japan, **Medicina JSC** in Russia and more.

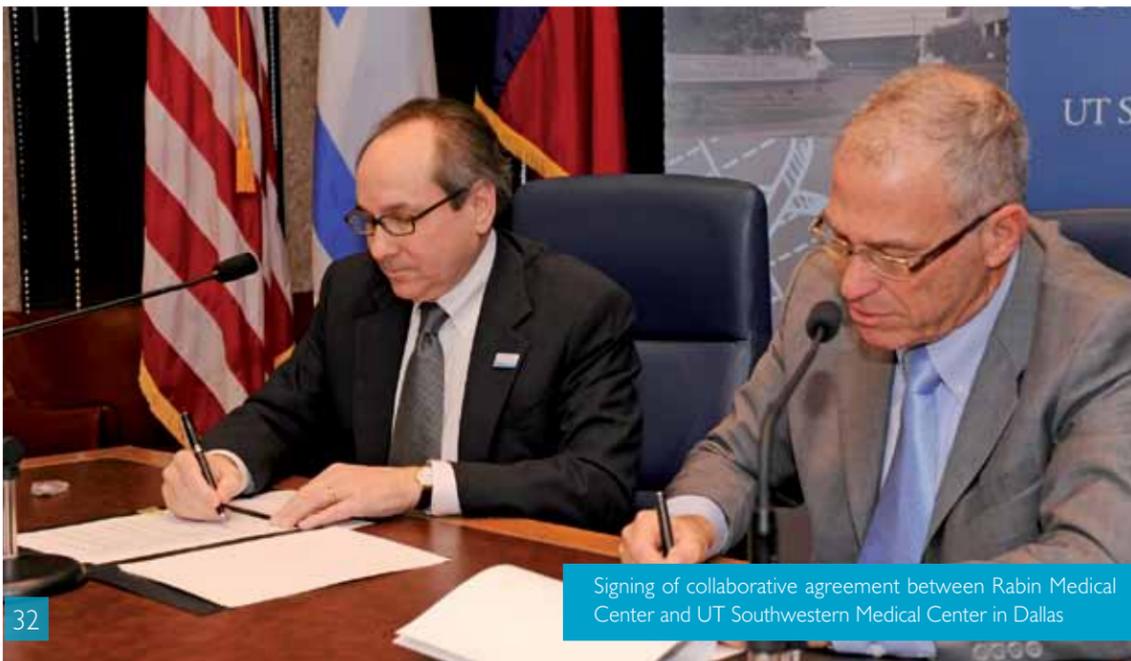
These collaborations focus on partnership in a number of facets, including faculty and student exchange programs, the development of joint research and training activities and performance of medical procedures transmitted on-line.

## FOSTERING EXCELLENCE IN HUMAN RESOURCES

In a world with constant medical advances, it is essential that medical staff further develop skills, learning the use of new-generation procedures and methods from the vast experience of others. Many RMC professionals, including promising young specialists, residents and nurses participate in study sessions and fellowships in leading medical centers abroad. Upon their return, they assimilate their newly gained expertise into work practices, for the great benefit of the patients.

## SHARING KNOWLEDGE

As part of the mutual responsibility and global efforts to advance medicine worldwide, RMC absorbs specialists and residents from around the world, and provides study sessions for medical trainees and delegations from developing countries from Africa, Asia and Eastern Europe. It also organizes international medical and scientific conferences with the participation of prominent international professionals.



Signing of collaborative agreement between Rabin Medical Center and UT Southwestern Medical Center in Dallas



Live transmission of on-line medical consultations, RMC to Washington, D.C.

# CHALLENGES FOR THE FUTURE

As Rabin Medical Center progresses into the 21st century, its primary challenge is to find innovative ways of responding to changing demographics and the technological advances in the world of medicine.

**Population growth in the Petah Tikva region is significantly higher than the national average, with a projected 40% increase in the demand for hospital beds and number of patient visits to clinics by the year 2035.**

RMC management prepared a multi-year strategic plan for functional division between its two hospitals, Beilinson and Hasharon, striving for excellence, efficiency and cost effectiveness in patient care. Beilinson Hospital will house all of the emergency, complex surgery, intensive care and inpatient departments together with women's and cancer centers. Hasharon Hospital will be an elective facility for planned activities and outpatient specialty clinics.

Beilinson Hospital's masterplan includes the development of building infrastructure with sheltered facilities protecting against missiles and warfare, a priority that became eminent during Operation Protective Edge, when the region was under frequent missile fire.



# INNOVATION

## NEW SURGERY AND MEDICINE TOWER

As part of Rabin Medical Center's masterplan, a new 15,000 sq.m. tower is being built at the forefront of Beilinson Hospital, above the Department of Emergency Medicine and Trauma.

The new tower will house Beilinson's **operating rooms** and will provide the full range of surgery services for complex surgery in the various specialties and sub-specialties. The operating rooms are being planned in accordance to contemporary guidelines, taking into consideration multiple staffs and the use of modern technologies.

It will also include **intensive care units and hospitalization departments**, designed according to modern hospital-planning standards, emphasizing a supportive medical environment together with patient safety and comfort.

**Due to security needs and the continuous threat of missile attacks, these facilities will be fully sheltered.**

This new tower is RMC's major development project over the next few years. These facilities will allow continuous and safe surgical activities and recovery at all times, and will enable us to conclude the merger of our two hospitals, providing all our patients with first class hospitalization facilities.



# ELECTIVE MEDICAL SERVICES

## HASHARON HOSPITAL

Hasharon Hospital was founded in 1942 as Beilinson II. Over the years the hospital expanded with new departments and specialized units added one by one, ultimately becoming a leading medical complex in the region and a pioneer in many fields of medical treatment and diagnosis.

Hasharon Hospital is characterized by its high professional standard, its familial atmosphere, personal approach and community orientation. This mutual relationship has benefited the community by raising regional healthcare standards. The Hospital ranks among the highest in Patient Satisfaction Surveys and in quality and service measures.

## 40% PROJECTED POPULATION INCREASE FOR THE YEAR 2035

As part of RMC's multi-year strategic plan for effective provision of medical services to the growing population and functional division between its two hospitals, Hasharon Hospital will become an elective facility for planned activities and elective surgery, with short-term hospitalization and outpatient specialty clinics. This major transformation is characterized by construction of first-class surgical facilities and boutique-style clinics. This project places Hasharon as a leader in Israel in the elective surgical field, strengthening its tradition of providing outstanding medical care and service to the public of Israel.





# EXPANSION OF THE DAVIDOFF CENTER

The **Davidoff Center** at RMC is Israel's first and foremost facility for cancer care. Designed by leading Israeli and American architects, who succeeded in creating a unique patient-friendly environment, it integrates all of RMC's oncology and hemato-oncology inpatient and outpatient services.

Due to its high standard of expertise and nationwide reputation, as well as its success in saving lives and enhancing quality of life, the number of its patients has risen dramatically. **Six floors will be added to the center**, allowing for the increased patient load as well as introducing of novel services. The expansion of the Davidoff Center will build on its existing strengths and values, fostering continued excellence in patient care for cancer patients.



# THANKS TO LOYAL PARTNERS

## YOUR IMPACT

Over the last few years, the generous support of good friends has enabled us to realize a number of exciting new projects aiming for the provision of optimum care, with the use of the latest skills and technologies in patient-friendly facilities. These areas of innovation help us to meet the challenges of modern medicine.

By working together, we are able to achieve our common goal of better health and enhanced healthcare for the people of Israel, now and in the future.

## THE FRIENDS OF RABIN MEDICAL CENTER

The Rabin Medical Center Friends Association is dedicated to fulfilling RMC's vision: **The advancement of innovative and excellent healthcare for patients in Israel.** The Friends Associations in Israel and worldwide raise awareness and resources for the advancement of Rabin Medical Center. In doing so, they partner with inspired members of the community, whose dedication and support empower them to turn vision into reality.

## WORLDWIDE SUPPORT

The support for RMC is wide-reaching, with good friends from various corners of the globe showing their dedication by providing generous support of the hospital, visiting RMC or participating in activities for the benefit of the hospital. The hospital receives international support from the USA, Canada, Belgium, Australia, England, Germany and France, among others.

## THANK YOU

We thank our friends and donors whose generosity and goodwill enable the continued development of Rabin Medical Center.

Together we will continue to strive towards excellence in healthcare, for the good of the people of Israel.





# RABIN MEDICAL CENTER

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## Rabin Medical Center

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## Friends of Rabin Medical Center

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Rabin Medical Center holds the Joint Commission International Accreditation for high standards in patient safety and quality of care