

1936 • 1937 • 1938 • 1939 • 1940 • 1941 • 1942 • 1943 • 1944 • 1945 • 1946 • 1947 • 1948 • 1949 • 1950 • 1951 • 1952 • 1953 • 1954 • 1955 • 1956 • 1957 • 1958 • 1959 • 1960 • 1961 • 1962 • 1963 • 1964 • 1965 • 1966 • 1967 • 1968 • 1969 • 1970 • 1971 • 1972 • 1973 • 1974 • 1975 • 1976 • 1977 • 1978 • 1979 • 1980 • 1981 • 1982 • 1983 • 1984 • 1985 • 1986 • 1987 • 1988 • 1989 • 1990 • 1991 • 1992 • 1993 • 1994 • 1995 • 1996 • 1997 • 1998 • 1999 • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • • •



# RABIN MEDICAL CENTER OF ISRAEL

## *Pioneering Healthcare in the 21st Century*



### AMERICAN FRIENDS OF RABIN MEDICAL CENTER

IS PLEASED TO SHARE WITH YOU ITS REPORT ON THE CENTER'S ACHIEVEMENTS.  
ITS ACCOMPLISHMENTS, PAST AND PRESENT, ARE VITAL TO ISRAEL'S  
ONGOING SUCCESS AND FUTURE DEVELOPMENT.

*“I believe that donors who support our hospital are investing in the future of medicine in the Middle East and contributing to a strong and optimistic Israeli citizenry.”*

DR. DAN OPPENHEIM, CEO RABIN MEDICAL CENTER



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# YEARS OF ACHIEVEMENT

We are proud to present this record of Rabin Medical Center’s accomplishments. Everyone associated with the American Friends knows the important role Rabin Medical Center plays throughout Israel’s history. Through its many research enterprises, Rabin Medical Center makes significant discoveries—both therapeutic and diagnostic—that will ensure its continued importance to the State of Israel. Rabin Medical Center’s successes adds to the already truly important contributions Israel makes to the world at large. Rabin Medical Center is becoming a temple of science and medicine for Israel and the entire Middle East. We, the American Friends of Rabin Medical Center, firmly support this hospital’s goal of maintaining its esteemed position as Israel’s premier medical institution.

**Abraham “Barry” E. Cohen**, CHAIRMAN OF THE BOARD, AMERICAN FRIENDS OF RABIN MEDICAL CENTER

**Dr. Joshua Eli Plaut**, EXECUTIVE DIRECTOR, AMERICAN FRIENDS OF RABIN MEDICAL CENTER



## Rabin Medical Center’s Commitment to Excellence

- *To provide superior medical services to the citizens of Israel*
- *To conduct critical research that will lead to effective cures*
- *To attract the best and brightest physicians and clinicians*
- *To create an environment that places patients’ needs and concerns above all else*
- *To be the hospital of choice for people of all ages, genders, and nationalities, from birth to old age*



*Dr. Moshe Beilinson*

Beilinson Hospital founded by Kupat Holim (120 beds, 57 staff)

The first blood bank is established at Beilinson

A third floor is added to Beilinson that now expands to 170 beds

1936

1938

1939

World Jewish Congress convened in Geneva

British White Paper prohibits immigration of Jews to Palestine





# FULFILLING THE ZIONIST DREAM—A HOSPITAL IS BORN

Rabin Medical Center was founded with that same pioneering spirit that made Israel a great country. It was named in 1996 for Yitzhak Rabin who dreamt of a country that would live in peace. That legacy is reflected in Rabin Medical Center's commitment to healing the sick and offering hope to the infirm and the injured.

The hospital and the late Prime Minister are true pioneers. While Yitzhak Rabin fought in the Palmach, the commando unit of the Jewish underground army, an Israeli community in Petah Tikvah that dates



back to 1878 broke ground for its first hospital. Just as the Palmach was a cornerstone of Israel's defense, the original hospital, now named Rabin Medical Center, was and remains a cornerstone of medical care in Israel.

## Pioneering Spirit

*Under the auspices of Kupat Holim, the General Sick Fund, each pioneer was asked to donate two days' pay so that this new facility could become a reality. First to be erected in 1936 was the Beilinson Hospital, named after one of its founders, Dr. Moshe Beilinson, a physician and head of the supervisory committee of Kupat Holim. As more European refugees came, a second campus, initially named Beilinson II, was established in 1942 and renamed Golda Hasharon.*



Above: Hospital ambulance during the British mandate.

Top, center: A historic moment in 1936—opening ceremony for Beilinson Hospital.

First group of nurses graduate

1940

British refuse illegal immigrant ship, the *Patria*, permission to dock in Palestine

Hasharon Hospital is founded (28 beds)

1942

Final Solution formulated by the Nazis

Beilinson opens first Institute of Pathology in Israel

1943



Rabin Medical Center grew considerably, but never lost its pioneering spirit. Immigrants to Israel keep arriving. About one million new immigrants arrived in Israel in the 1990s from Russia and Ethiopia. Many were in need of medical care, not having received adequate medical attention in their countries of origin. For many, Rabin Medical Center was their first stop after coming to Israel.

To keep pace with Israel's growing medical needs and to serve the 600,000 patients it treats annually,

Rabin Medical Center continually expands the medical frontiers of research, treatment, and care so as to be prepared for any eventuality.

**Fact** *Israel leads the world in the number of scientists and technicians in the workforce, with 145 per 10,000, as compared with 85 in the U.S., over 70 in Japan, and less than 60 in Germany.*

## Israel Grows to Become a Great Nation

Israel, the 100th smallest country in the world, with less than 1/100th of the world's population, has come together out of a diversity of religious, ethnic, and secular Jews to establish one of the greatest countries in the world.

It has a thriving democracy and is the only democracy in the Middle East. In 1984 and again in 1991, Israel airlifted a total of 22,000 Ethiopian Jews in Operation Solomon to safety in Israel. Relative to its population, Israel is the largest immigrant-absorbing nation on earth.

Its educational programs and research orientation makes it a leader in high-tech industries. Israel has the highest percentage in the world of home computers per capita. She also has the highest ratio of university degrees to the population in the world. Twenty-four percent of Israel's workforce holds university degrees, ranging third in the industrialized world, after the United States and Holland, and 12 percent hold advanced degrees.

*Israel achieved all of the above accomplishments despite being continually at war with neighboring countries that seek her destruction and spending more per capita on security than any other country on earth.*



Nurses in training during the hospital's early years.



Hasharon Hospital expands to 72 beds

Both hospitals establish a special department to treat wounded from the War of Independence

1944

Menachem Begin announces Irgun resuming its fight against British

1947

UN partition of Palestine State of Israel declared & War of Independence

1948



# OUR CAMPUS

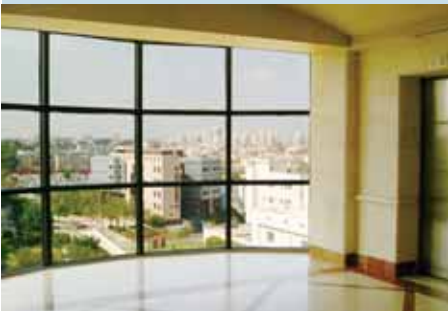
Rabin Medical Center's campus is testimony to its grandeur, expanding as the need arises to stay at the forefront of medical advances. Its architecture is impressive, its environs aesthetic and inviting.



The Gour Shasha Tower, the heart of the hospital, is a nine-story building that blends modern and traditional architecture, equipped with 23 operating suites, a geriatric

Outside, a **sculpture garden** serves as a peaceful retreat and place for solitary reflection. It has eight permanent sculptures and a circular garden pathway that provides a seamless flow of visual continuity across a mélange of plants and flowers. It suffuses all who visit with hope, recovery and well-being. The sculpture garden is also visible

through the windows of the neighboring **Davidoff Center**, a new nine-story building that offers comprehensive cancer treatment to 20 percent of Israel's cancer patients. A multi-disciplinary staff tailors treatment to each patient, maximizing patients' privacy while allowing family members to stay close by.



wing, 14 laboratories, and 600 patient rooms that are either private or semi-private, and an active synagogue.



A fourth floor is added to Beilinson (now 270 beds)

Beilinson opens Department of Anesthesiology

A third floor is added to Beilinson that now expands to 170 beds

1949 . . . . . 1950 . . . . . 1951 . . . . .

Jerusalem proclaimed capital of Israel

Departments of Neurosurgery, Maternity, Internal Medicine, constructed

Jordan's King Abdullah assassinated by Arab extremists on Temple Mount





Flanking the sculpture garden is the **Helen Schneider Women's and Maternity Hospital**, providing comprehensive and integrated preventive, diagnostic, medical, and surgical care for every stage of a woman's life. The staff includes specialists in In-Vitro Fertilization, osteoporosis, breast health, and genetic counseling. Through the Women's Health Information Center, Israel's first comprehensive health resource center, women—especially from underprivileged, ethnic, and religious families, can obtain vital information that may save their lives.



Beilinson expands to 340 beds

1952

President Chaim Weizmann dies



At the far end of the campus sits the **Felsenstein Medical Research Center**, an advanced institute for biomedical research in Israel for which Rabin Medical Center is renowned. The Sackler School of Medicine selected this location because Rabin Medical Center's vast complex offers unique opportunities for conducting research with direct clinical applications in immunology, neuroscience, cardiology and endocrinology.



First Heart Institute in Israel opens at Beilinson

1953



Adjacent to the Felsenstein Medical Research Center stands the future for genetic research and treatment, the **Recanati Genetics Institute**, now under construction. This center will enable treatment of difficult and complicated cases by offering cutting-edge genetic treatment for cancer and other diseases specific to the Israeli population.



A short taxi-ride away is Rabin Medical Center's second facility, the 400-bed **Golda-Hasharon Hospital**, which serves as a regional medical center with a strong community focus, as evidenced by its absorption of new immigrant doctors who cater to Israel's diverse population.

New Beilinson Hospital building opens with 6 floors and major departments

1955





# ANNUAL ACTIVITIES + CHARTS

The scale of Rabin Medical Center's physical facilities is matched by its accomplishments, which are illustrated in the following charts below. Impressive are the number of staff, patients, and services at the hospital, their relationship to each other, and the priorities—in personnel and expenditures—established to support this thriving medical institution.

Today, Rabin Medical Center includes both the Beilinson and Golda-Hasharon campuses, and is the largest medical institution in Israel. This care facility, with its dedicated team of health specialists, is committed to excellence in patient care, medical research and education. Affiliated with the Tel Aviv University Sackler School of Medicine, patients throughout Israel are referred to Rabin Medical Center.

### AT RABIN MEDICAL CENTER:

- 1,300 Beds
- 4,500 Staff Members
- 47 Hospitalization Wards
- 4 Departments of General Surgery
- 37 Operating Rooms
- 50 Research Laboratories

### ANNUAL ACTIVITIES IN 2004:

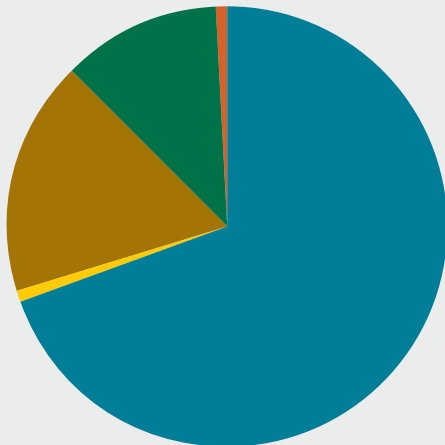
- 9,000 Births
- 150,000 Emergency Room Admissions
- 602,000 Outpatient Visits
- 35,400 Surgical Procedures

### AT RABIN MEDICAL CENTER:

- Performs 24.4% (1600) Cardiothoracic Operations, the largest department in Israel
- The largest number (20%) of patients treated for cancer in Israel
- Performs 60% of organ transplantations in Israel

### HOSPITAL EXPENDITURES IN 2005

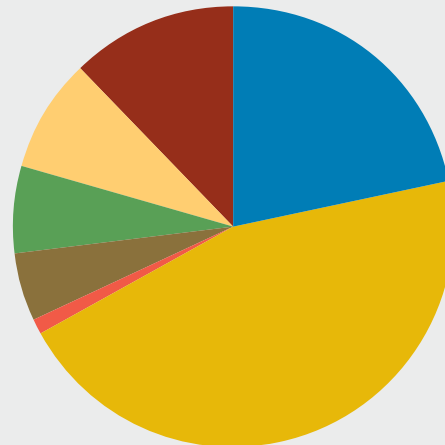
Annual Budget: \$250 million



- 69.5% MANPOWER
- 17.2% MEDICATIONS & MEDICAL SUPPLIES
- 11.8% MAINTENANCE & ADMINISTRATION
- 0.9% MEDICAL SERVICES
- 0.6% SPECIAL EXPENSES & DEVELOPMENT

### HOSPITAL STAFF DISTRIBUTION IN 2005

Total Employees: 4,038



- 45.1% NURSING
- 21.9% PHYSICIANS
- 12.0% ADMINISTRATION
- 8.5% PHARMACISTS & PARAMEDICAL
- 6.2% LABORATORY
- 5.1% MAINTENANCE
- 1.2% TECHNICIANS & ENGINEERS

Beilinson opens Department of Physiotherapy, provides medical assistance during the Sinai Campaign

1956

Sinai Campaign—Egypt, Syria and Jordan unified military command for "war of destruction" against Israel

Beilinson opens the first Department of Dermatology in Israel and a new unit for Endocrinology and Hematology. Hasharon opens a Maternity Unit

1957

Arab boycott of all firms selling goods to Israel

Beilinson opens a Plastic Surgery Department and a special burn unit. The Oncology Institute is founded

1958



**Americans have benefited from Rabin Medical Center's leading role in developing strategies to prepare for catastrophic events.**

While the military, law enforcement, and other agencies prepare to meet the threat of a terrorist attack, all victims eventually will seek care from a hospital. Before the world knew of the terrible toll terrorism inflicts on societies, the government of Israel, along with Rabin Medical Center's emergency services, developed strategies to respond to disaster.

The major challenges of medical preparedness for emergencies include:

- Assimilation of knowledge among and in coordination with medical personnel and civic government
- Assuring staff protection while saving lives of contaminated casualties
- Stockpiling vital equipment for emergency use
- Maintaining emergency capabilities over time

Rabin Medical Center is a global leader in developing the capacity to safely assess, decontaminate, and treat victims of terrorist attacks or victims of natural or man-made disasters.

Rabin Medical Center has been designated as **one of only six Level I Trauma Centers in Israel**. Approximately 1,800 trauma victims are hospitalized annually, 400 of whom receive emergency treatment within the trauma resuscitation room. This

unit provides care for major trauma victims, both adult and children, who often find themselves in life-threatening circumstances.

Due to Rabin Medical Center's reputation for emergency preparedness, Israel Defense Forces (IDF) jointly conducts large scale drills on an ongoing basis evaluating IDF's readiness to evacuate and treat casualties in the event of chemical warfare. This program involves participation of medical, fire, and police departments, as well as the Ministry of Health and Magen David Adom. The hospital also has a plan to operate in the event of attack on its own facilities.



**ISRAELI CASUALTIES 2000—2005**

	INJURED	KILLED
<i>Civilians:</i>	5002	732
<i>Security Personnel:</i>	2132	315
<i>Total:</i>	7134	1047



**Responding to Terror**

Rachel Raz and her team of social workers at Rabin Medical Center step into action immediately following a terrorist attack. Unfortunately, they are all too familiar with the routine. For the past two years, their mobile phones are never switched off. This conscientious team rushes to scenes of terror without even waiting to receive calls. Their immediate concentration is on the victims' needs and later their focus includes the victims' families.

While the physicians labor relentlessly to try to save limbs, organs, and lives, the social workers mediate between the doctors and families. They support patients and loved ones in their hour of crisis, clarifying procedures and explaining the hardships that lie ahead.

Rabin Medical Center bade a fond farewell to combat soldier Hani Abramov.

During the El-Aksa Intifada, a sniper's bullet penetrated Hani's mouth. The doctors at the hospital successfully performed a complex operation to reconstruct her jaw.

Hani has attracted much media attention, being a female combat soldier and proving her bravery at a time when there was much controversy about women fighters serving alongside their male counterparts.

During her stay at Rabin Medical Center, the hospital supplied Hani with a computer and fax machine, enabling her to respond to the numerous well-wishers throughout the country and communicate with her surroundings because she speaks with difficulty.

Hani is always optimistic about her future. She has since completed her army service and is now studying in the university.

She is one of the lucky ones!

Hasharon opens its first Department of Internal Medicine

Beilinson opens Department of Urology

1959

The Navy's first submarine, the Tanin, arrives in Israel

1960

Adolf Eichmann is captured in Argentina by Israeli agents of the Mossad

1961

The *Egoz*, a ship bringing Moroccan Jews to Israel, sinks





# CENTERS OF EXCELLENCE

ORGAN TRANSPLANTATION • CARDIOLOGY • ONCOLOGY • WOMEN'S HEALTH

In its quest for excellence in healthcare, Rabin Medical Center developed areas of medical specialization that contribute to its global reputation as Israel's premier hospital. These centers are regarded as state-of-the-art because they successfully integrate research, technology, and care in applying a multi-disciplinary approach to treating patients.



## NEW ORGANS PROLONG A PATIENT'S LIFE

CENTERS OF EXCELLENCE

Rabin Medical Center is the leading hospital in organ transplantation in Israel. Organ transplantation is a life-saving procedure that often serves as the last line of treatment in a long list of therapies that have failed. Often times, patients tolerate alternatives, such as undergoing dialysis or receiving an artificial heart. But these techniques are not meant to be cures and are often fraught with uncertainty and inconvenience. Only the absorption of a new organ can give long-lasting hope for recovery.

**The dedicated Department of Organ Transplantation, under the direction of Prof. Eytan Mor, conducts 60 percent of all transplants in the country, and 100 percent of**

**lung transplants.** The Heart and Lung Transplantation Unit, headed by Dr. Gideon Sahar, conducts a significant number of chest organ transplantations. To date it has performed 92 heart transplant operations, 120 lung transplants, and 10 heart and lung transplantations. This center is approaching 40 transplantations per year and is capable of simultaneously performing three transplantations at the same time as well as domino operations.

Organ transplantation is complicated and requires precise coordination between staff, departments, patients, and donor families. Many a weekend is transformed into an organ transplantation marathon. During one weekend alone, 11 organ

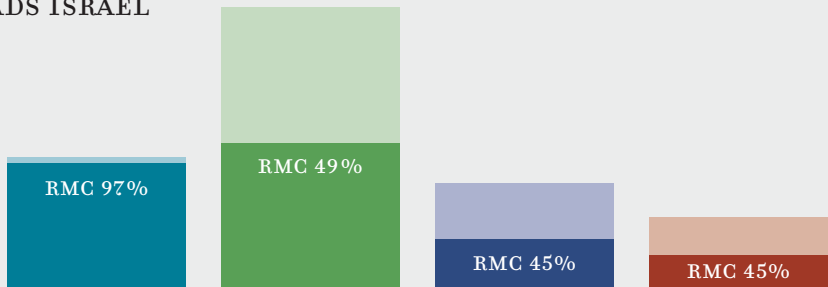


## ADVANCES IN RESEARCH

A transplant carries the risk that the patient's own immune system will attack the new foreign organ. Through intense study, researchers have succeeded in refining their immuno-suppression strategy to achieve maximal efficacy with minimum toxicity.

### RABIN MEDICAL CENTER (RMC) LEADS ISRAEL IN ORGAN TRANSPLANTS IN 2004

- LUNG (28 TOTAL, 97%)
- KIDNEY/PANCREAS (72 TOTAL, 49%)
- LIVER (23 TOTAL, 45%)
- HEART (11 TOTAL, 45%)



Beilinson opens an Institute for hypertension and kidney diseases and the first Dialysis Institute in Israel

1963

Beilinson performs the first living related donor kidney transplant in Israel. Hasharon opens a research Institute of Imaging.

1964

Palestine Liberation Organization founded

Beilinson opens the Gastroenterology Institute

1965





Organ transplant at Rabin Medical Center.

transplants were performed within a 36-hour period, including two hearts, three lungs, two livers, and four kidneys. Over 100 staff were involved in this major transplantation operation.

The department is the only one in Israel that performs multi-organ transplants and live donor liver transplantations, putting it on level

with a select number of hospitals worldwide. And, of course, support groups are in place to comfort patients and their families.

*Right photo: From the left: Prof. G. Sahar—Head of Heart Transplant Unit, Israel (lung transplant patient), Nancy (lung transplant patient), Efi (heart transplant patient), Prof. M. Kramer (Dir. of the Institute of Pulmonary Medicine) and on floor—Zeev (lung transplant patient), Benny (heart transplant patient)*

## Heart of a Champion

If seventeen years ago, anyone told Benny that he would win a gold medal in swimming at the age of 60, he would not have believed it. If someone had told him that the medal would be won at the European Olympics for heart and lung transplant patients, Benny really would have had a good laugh.

That is because eight years ago, Benny had a life-saving heart transplant at Rabin Medical Center. As a truck driver working eighteen hours a day, Benny did not lead a healthy lifestyle. The result was a heart attack that left him in critical condition.

A new heart gave Benny a new lease on life. Recently, he was well enough to participate in a highly successful bike-a-thon to help raise money for heart treatment at Rabin Medical Center. Elated, Benny commented, “In my wildest dreams I never thought I would ride bicycles alongside the physician who gave me a new heart and the opportunity to live again.”



Rabin Medical Center Medalists from 2002 Heart and Lung Transplant Olympics in Austria.

Beilinson opens outpatient clinics

1967

Six Day War—Israel takes West Bank and East Jerusalem from Jordan, the Golan Heights from Syria, and the Gaza Strip and Sinai from Egypt

Beilinson, first heart transplant in Israel

1968



Beilinson opens Heart Intensive Care Unit; Hasharon opens new building with additional departments, expanding its activities

1970

Black September—Jordan’s King Hussein declares war on the PLO; PLO moves from Jordan to Lebanon





## COMBATING HEART DISEASE, ISRAEL'S MAJOR MEDICAL ENEMY

Heart failure and disease is the world and Israel's leading cause of illness and death. Heart disease also remains the main factor in hospitalization.

### Rabin Medical Center conducts 25 percent of cardiothoracic operations in Israel.

Rabin Medical Center's coronary departments work in consultation to perform:

- 1,500 heart operations
- 2,000 diagnostic cardiac catheterizations
- 2,000 angioplasty procedures annually
- 600 electrical catheterizations of the heart annually, including pacemaker implantation
- Over 4,000 catheterization-based procedures that enjoy a very high success rate within Israel and world-wide recognition

The first significant achievement in the field of interventional cardiology was balloon angioplasty, a technique introduced in 1977. The last decade has witnessed dramatic transformation, according to Prof. Ran Kornowski, director of Cardiac

Catheterization Laboratories and Interventional Cardiology program. Numerous devices for coronary revascularization and improved hardware for cardiac imaging and treatment have been introduced, including flexible stents and drug eluting stent implants.

At Rabin Medical Center, the relationship with the patient extends beyond the individual's hospital stay. The cardiac rehabilitation program was established to provide assistance for the patient's continued recovery at home.



## ADVANCES IN RESEARCH

### Ultrasound Detection:

Rabin Medical Center boasts new, sophisticated technology to detect dangerous plaques within coronary arteries for patients at high-risk for heart attacks. The essence of this technique is the ability to analyze, using computer-based software, the radiofrequency characteristics of various components within the blood vessel walls so as to detect potential blockages.

### Stem Cells:

Rabin Medical Center is the first hospital to receive an international patent to inject stem cells from the patient's own bone marrow into the diseased heart to stimulate myocardial regeneration and the growth of tiny blood vessels in the heart to bypass damaged muscles.

### Mobile Mechanical Heart:

At Rabin Medical Center, a patient was the first in Israel to receive a mobile mechanical heart implant that provided him a completely functional heart outside his body. He waited for a human heart donor, which allowed him to be mobile and gave him a sense of normality in his life.

## Miracle Cure

Amos Ben Yosef was a 68-year-old male who suffered from angina pectoris, a heart disease that severely limited his lifestyle. He had already undergone two bypass operations and surgery was out of the question. In April 2005, he underwent gene therapy and was released from the hospital the next day without complications. When asked why he had agreed to this procedural trial, he said, "I was willing to take any chance in the hope that I would be able to lead a more normal life and I had absolute faith in the cardiologists at Rabin Medical Center."



Gene therapy by Prof. Kornowski (far right).

Hasharon opens a Dialysis Unit

Both hospitals treat the wounded from Yom Kippur war

Beilinson opens the first Pediatric Intensive Care Unit and the Premature Infants Nursery

1972

1973

1975

Yom Kippur War—Egypt and Syria launched a surprise attack on Israel

United Nations adopts resolution equating Zionism with racism





## ONCOLOGY: CURING THE SCOURGE OF CANCER

During a century in which medical knowledge has progressed more quickly than at any time in human history, cancer continues to claim one in four victims and is the second leading cause of death in Israel and worldwide.

Today in Israel, some 22,000 cancer patients are newly diagnosed each year. One in every seven seeks help at Rabin Medical Center, and more breast cancer patients use its facilities than any other hospital in Israel. They now come to Rabin Medical Center because this hospital, thanks to the generosity of the Davidoff family, has opened a new state-of-the-art cancer center that is the first and only comprehensive cancer center in the Middle East.

The nine-story Davidoff Center, opened in May 2005, is unique. Combining its four oncology and hematology departments, the Center brings a multi-disciplinary approach to each case, employing

the expertise of a clinical oncologist, hematologist, radiologist, pathologist, psychologist, social worker, and a nutrition consultant.

Rabin Medical Center takes pride not only in fighting the disease but also in offering palliative care for patients and their families. Emphasis is placed on maximum privacy and respect for the patient in a warm and aesthetically-pleasing environment. The rooms have large windows, bringing in natural light, with views of the sculpture garden outside.

The Center stresses prevention and early detection by establishing aggressive screening programs and using sophisticated diagnostic testing equipment. Rabin Medical Center also has the most powerful linear accelerators in Israel used for pinpoint radiation treatment, treating 200 patients—both adults and children—daily and a total of 110,000 radiotherapy fields delivered annually.

### Many Thanks and Appreciation

Dear Sir,

I have completed five out of six chemotherapy sessions. I would be most grateful if you could convey to the Davidoff brothers, from a patient's point of view, the incredible difference their generous deed has had on the well being of patients.

My first three chemotherapy sessions were in the old oncology outpatient department at the hospital. Each time I returned home, I came back "as sick as a dog." It was not only the actual chemotherapy, but also what I felt while there—no privacy, crowded conditions, and a general feeling of misery.

Not so anymore. Thanks to the Davidoff brothers, I am now surrounded by a carpeted reception area, proper air-conditioning, private cubicles, curtains and overhead televisions, while lying or sitting during treatment. Words cannot describe the mitzvah of the Davidoff brothers.

Thank you.



Linear accelerator.

### ADVANCES IN RESEARCH

#### Closing in on the Cause of Colon Cancer:

Rabin Medical Center identified a virus that may be the trigger in the development of at least 20–40 percent of the cases of colorectal cancer. Prof. Yaron Niv, Director of the Institute of Gastroenterology at Rabin Medical Center, along with his colleague and friend, Dr. C. Richard Boland, Chief of Gastroenterology at Baylor University, collaborated on this groundbreaking research discovery.

*"I myself have had cancer and so have other members of my family. However, this hospital is not meant to be a sentimental way of saying thank you for our survival. It is not easy to find effective and tangible ways of helping. Money is a good beginning, but we felt it was not enough. We want to help the greatest number of people for many years. And this Center is meant to do just that."*

LEON DAVIDOFF

Beilinson opens a Gynecology Department

1976

Beilinson opens a children-centered building

1978

Peace treaty signed between Israel and Egypt at Camp David

Beilinson opens a general intensive care unit

1979





# WOMEN'S HEALTH IS A TOP PRIORITY AT RABIN MEDICAL CENTER

CENTERS OF EXCELLENCE

The medical sciences are increasingly focusing on women's health issues.

Rabin Medical Center—through The Helen Schneider Women's and Maternity Hospital, that includes the Department of Gynecology and Obstetrics, Neonatal, and the Maternal-Fetal Medical Division—is the first in Israel to devote considerable space and services to the treatment of women's special needs, from the cradle to senior status. It is a comprehensive women's health facility, dedicated to providing integrated care for health problems women face, throughout every stage of their lives—all under one roof.

The hospital's highly-skilled staff includes prominent physicians in such complex areas as high risk pregnancies, In Vitro Fertilization, gynecological oncology and diagnostic ultrasound, and osteoporosis diagnosis and treatment, to name only a few. It also plays an important role in insuring the survival of Israel by assisting in delivering close to 9,000 children each year, a very impressive number even by international standards. And it works closely with the World Health Organization (WHO) to control the effects of diabetes during pregnancy. **This is the only center in Europe and the Middle East designated as a WHO center for perinatal care, placing Rabin Medical Center among the world's leading centers**

## in feto-maternal medicine.

The hospital's record of service to women's health is impressive:

- 5,300 women treated annually for high risk pregnancy
- 1,500 receive IVF treatments (10 percent of Israel's total)
- 20,000 ultrasound examinations—most for pregnancies, the rest for other gynecological or fertility diagnoses
- 1,000 amniocentesis examinations performed annually
- 1,600 treated annually for laparoscopic surgery to remove malignant tumors

**Education is the key to empowering women to take care of their health.** Rabin Medical Center is the first and only hospital in Israel to offer support to women planning to be single mothers through In Vitro Fertilization.

## Against All Odds

*A 25-year old Ariel resident was overjoyed when she became pregnant because doctors told her she should not think of having a child. She had been ill of health since four years of age. Following Lupus, the removal of a spleen, and then chemotherapy, the miracle happened.*

*At Rabin Medical Center, she was kept under the watchful eye of two doctors who knew she had less than a 50 percent chance of keeping the pregnancy. At 31 weeks, the fetus stopped developing and she was rushed to the operating room to have a cesarean section in a race to save her and the baby.*

*Against all medical odds, she gave birth to a son, now a healthy 5-month-old baby. She attributes her bundle-of-joy to the determination of the doctors at Rabin Medical Center.*



## ADVANCES IN RESEARCH

### Monitoring Fetuses:

*Rabin Medical Center developed a monitoring system for high-risk pregnancy*

*to monitor the heart beat of her fetus. Information is transmitted to a physician at the high risk pregnancy unit at Rabin Medical Center who analyzes the data on the computer screen and*

*determines follow-up treatment. Prof. Hod, Director of the Maternal Fetal Medicine Division, and the Israeli company CardGuard collaborated on this project.*

Beilinson opens a Transplantation Unit and a High Risk Pregnancy Unit

1980

1982

Massive Israeli invasion of Lebanon to fight PLO

Ethiopians arrive and are brought to Beilinson for treatment

1984

Operation Moses—immigration of Jews from Ethiopia

Hospitals open an In Vitro Fertilization Unit



# MAJOR MEDICAL ACHIEVEMENTS

*Rabin Medical Center ranks as one of Israel's and the Middle East's top hospitals because it is devoted to conducting cutting-edge research and then establishing protocols to test relevant feasibility and efficacy on humans. Most of the departments are intensely involved in research activities, and over 250 research papers are published yearly. A sampling of these medical breakthroughs demonstrates the leading role played by Rabin Medical Center physicians and researchers in advancing medical treatments and in the development of novel technologies.*

## ADVANCES IN RESEARCH AT RABIN MEDICAL CENTER

**Genetics/Diseases:** A project to map and characterize genes that cause genetic diseases in Israel in both Ashkenazi and non-Ashkenazi populations is underway by staff at the Department of Genetics, under the direction of Prof. Motti Shohat. Breakthroughs have been achieved in identifying genes responsible for maternally transmitted deafness, mental retardation, learning disabilities, renal failure, and dysplasia (skeleton deformity), providing the possibility for preventing such conditions in the future.

**Liver/Hepatitis C:** Researchers have discovered an important viral protein, the Hepatitis C serine protease, which transforms normal cells into malignant ones. They analyze the protease activity and screen various natural compounds and synthetic agents for their ability to inhibit the virus. Research is being conducted under the direction of Prof. Ran Tur-Caspa, Director of the Liver Institute and the Department of Medicine D and Deputy Dean of the Tel Aviv University Sackler School of Medicine.

**Neurology/Parkinson's:** A novel drug (AD4) has been discovered that crosses the blood-brain barrier and could offer new hope for treatment in Parkinson's, Multiple Sclerosis, and Alzheimer's. Prof. Eldad Melamed, Chief of the Department of Neurology at Rabin Medical Center and Tel Aviv University together with Dr. Daniel Offen, Director of the Neurology Laboratory at the Tel Aviv University School of Medicine, collaborated on this important discovery.

**Orthopedics/Hip Therapy:** A new technique is being used for treating degenerative diseases of the hip. Rather than replacing the hip—which requires amputation, the outer layer of cartilage is “peeled” and “covered” with a thin metal covering to reconstruct the natural joint.

technology, which consists of a slim optic fiber that illuminates the inside of the eye.

This technique, used by the Department of Ophthalmology, is less invasive, cuts surgery time, and uses local instead of general anesthesia, thereby hastening the recovery process.

**Camera in a Pill:** A miniature camera, weighing only 1/7th of an ounce, has been developed by Rabin Medical Center to view the digestive track. This new imaging system, used by the Gastroenterology Institute under the directorship of Prof. Yaron Niv, has enough battery power to take 50,000 color images, enabling doctors to see areas that a conventional endoscopic examination cannot reach.

**Pinpointing the Exact Location of a Brain Tumor:** Rabin Medical Center now uses a navigation system—called the “Navigator”—to create 3D images of tumors to assist during brain surgery. This improved technology significantly lowers the risk of difficult and extensive brain surgery, especially for tumors located deep in the brain.

## DEVELOPMENT OF MEDICAL TECHNOLOGIES TO IMPROVE HEALTH OF PATIENTS

**Eye Surgery Microscopic Incisions:** Rabin Medical Center is one of ten medical institutions worldwide chosen to perform eye surgery using a mini incision microscopic

The Transplantation Unit at Beilinson becomes a department

Schneider Children's Hospital opens

Beilinson Hospital opens new operating wing, including 12 operating and recovery rooms

Beilinson opens a Heart and Lung Transplantation Unit in the Cardiothoracic Department

1989

1991

1992

Israel withdraws from the Sinai Peninsula

Israel attacked by eight Iraqi Scud missiles during the Persian Gulf War

Israel wins first Olympic medals, silver and bronze in Judo





**Rabin Medical Center builds bridges with people and agencies around the world in order to ensure Rabin Medical Center's preeminence in the field of medical science and patient care.**

**In the field of research:** From its inception, Rabin Medical Center has been at the forefront in academic activity and research, and its physicians were counted among the founders of the Tel Aviv University Sackler School of Medicine, which is located near the Rabin Medical Center campus. As an affiliate of the university, Rabin Medical Center researchers work in close cooperation with the medical school, as well as with other medical and research institutes in Israel and abroad.

**In Conjunction with Prestigious Research Foundations:** Prof. Eldad Melamed, Director of Rabin Medical Center's Department of Neurology, drew the attention of the Michael J. Fox Foundation for Parkinson's Research and was selected to be part of its Scientific Advisory Board. Michael J. Fox, the well-known American actor suffering from Parkinson's disease, established a 100 million-dollar foundation dedicated to finding a cure for this dreadful disease.

**With Arab neighbors:** Rabin Medical Center builds bridges of hope with Palestinian hospital administrators and physicians, teaching them to build a more viable and competent Palestinian health system. Israeli Arab doctors serve on the medical staff and the hospital treats Arabs and Jews alike.

**Taking Medical Expertise around the Globe:** Rabin Medical Center consults with hospitals locally and abroad to share physicians and engage in joint research projects, as is currently taking place with the Saint Giovanni Hospital in Rome, the Montefiore Hospital in New York, and the George Pompidou Hospitiaux de Paris and Hospital Necker Enfanst Malades of France.

**Fact** *The Larry King Cardiac Foundation joins Rabin Medical Center to raise funds to support cardiac care in the Middle East. The Larry King Cardiac Foundation was established in 1988 to provide funding for individuals who require life-saving cardiac surgical procedures and post-surgical care.*

## Defying All Borders

*Rabin Medical Center is the first medical institution in Israel to offer consultation to hospitals thousands of miles away. Using the SOCRATES Robotic Tellectollaboration System, Dr. Moshe Rubin of Rabin Medical Center and Professor Cristiano Huscher of S. Giovanni Hospital in Rome, Italy, were able to conduct "joint" surgery. Dr. Rubin shared control of the AESOP Robotic Endoscope Positioner to visually annotate the surgical image during the procedure and to consult in live time.*

*"Although I was physically thousands of miles distant from the patient, I felt truly as if I were present in the operating room."*

DR. RUBIN



Israel's first robotic surgery.

The Felsenstein Medical Research Center opens on Beilinson campus

1993

Oslo Accord signed.  
Rabin, Peres and Arafat win  
Nobel Peace Prize

First implantation of an artificial heart in Israel

1995

Israeli PM Yitzhak Rabin  
assassinated by right-wing  
Israeli fanatic Yigal Amir

Beilinson and Hasharon merge to become Rabin Medical Center

1996

Yasser Arafat sworn in  
as first elected President  
of Palestine

First live liver  
transplant performed  
in Israel



**As a prestigious non-profit organization in the United States, American Friends of Rabin Medical Center raises funds for Rabin Medical Center. Its Board of Directors include prominent business people, civic leaders, doctors, and noted philanthropists. Its annual dinners garner support from diplomats, city, state and federal government officials, entertainment celebrities, media moguls, pharmaceutical companies, and bio-medical professionals.**

Government officials—from the President of the United States to the Mayor of New York City to U.S. Senators and members of Congress—continue to lend their names in support of Rabin Medical Center. American Friends of Rabin Medical Center staff works closely with American supporters and Israeli representatives to bring Israel’s message of hope and healing to the American public.

American Friends of Rabin Medical Center hosts an impressive array of programs, events, and services throughout the year in the tri-state area as well as Florida and

California. In these states and others, you will find the presence of viable chapters of *New Circle* supporters whose ranks are growing daily. A charity golf event is held in New York to raise funds for special medical treatments at Rabin Medical Center, while the monthly series *Café Israel* discussion group invites debate about the central issues facing Israel.

These active programs serve to connect their participants to the everyday healthcare needs of Israelis.

American Friends of Rabin Medical Center organizes missions

to Israel to afford the opportunity to see how the hospital cares for each patient. The American Friends recently initiated an annual bike-a-thon to raise resources for various hospital departments. American Friends of Rabin Medical Center is privileged to be a fertile ground for the emergence of entrepreneurial leaders who lend their expertise and support to Israel’s premier hospital.

Through mass media outreach and targeted events, the American public is being made aware of the importance of Rabin Medical Center to Israel’s success as a leader in Middle East healthcare.

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AMERICAN FRIENDS OF RABIN MEDICAL CENTER

### American Jews’ Historic Commitment to Israel

Many American Jews can be counted among Israel’s pioneering families, and we are proud that the historical roots of Rabin Medical Center were present before Israel became a state. We are overjoyed to have the good fortune to witness how the pioneers made Israel bloom and to see how Rabin Medical Center has grown to become the premier hospital in Israel. Our association today with American Friends of Rabin Medical Center allows us to continue our historic relationship to help Israel fulfill her dream of being a homeland for Jews the world over. For when they finally arrive, they will receive the best medical attention available anywhere in the world.

JOSHUA ELI PLAUT, PH.D., EXECUTIVE DIRECTOR  
AMERICAN FRIENDS OF RABIN MEDICAL CENTER



President William J. Clinton at New York gala dinner.

<p>The largest health facility for women in Israel opens at Rabin Medical Center</p>	<p>A kidney cross-transplantation between two couples, Arab and Israeli, performed at Rabin Medical Center for first time in Israel</p>	<p>Department of Trauma opens at Rabin Medical Center</p> <p>A sister agreement is signed between Rabin Medical Center and Montefiore Medical Center in New York</p>
<p>1997</p> <p>Israeli wins silver medal at European Swimming Championship</p>	<p>1998</p> <p>Israeli wins silver medal at European Swimming Championship</p>	<p>1999</p> <p>Death of King Hussein of Jordan</p>





# SUPPORT FOR ISRAEL'S PREMIER MEDICAL FACILITY

Rabin Medical Center's leadership in cancer treatment and care, cardiology, organ transplantation and women's health is made possible by donors, like you, who support the thousands of dedicated health professionals who provide the highest standards of medical care while preserving a patient's dignity.

• **General Support:** You can provide funding that is flexible, supporting the most pressing needs to the most exciting new initiatives.

• **Program Support:** You can direct your gift to an area of treatment, research or specialization that reflects the donor's interest.

Contribute over \$20,000 can have a wall plaque placed at Rabin Medical Center in their name or in those whom they choose to honor.

• **Capital Gifts:** You can provide funding for construction, renovation or purchase of medical equipment that enables patients to receive the most advanced and comprehensive care. Diverse opportunities are available for naming of buildings, wings, rooms, laboratories or equipment.

• **Gift Contributions:** You can give a meaningful gift for any occasion: a holiday, a birthday, an anniversary, or in memory or honor of a friend or loved one. A personalized card is then sent to the designee and the donor receives an acknowledgment letter.

• **Corporate Vision Sponsorships:** Your Corporation can join the list of corporations that make annual commitments of over \$5,000 or more to provide funding for Rabin Medical Center. Receive subscriptions to



Israel Olympic gold medalist, Gal Friedman, leads American Friends first Israeli bike-a-thon.

American Friends of Rabin Medical Center's English and Hebrew newsletters, as well as invitations to exclusive special events and discussions with visiting doctors or researchers, and a certificate honoring the company as a Corporate Vision Sponsor.

• **Planned Giving:** Planned giving encompasses a variety of philanthropic strategies that help you provide for charity while also advancing your own financial and personal objectives.

• **Charitable Gift Annuities:** You can transfer cash, marketable securities or other assets and in return American Friends of Rabin Medical Center agrees to pay you a fixed amount for a lifetime.

• **Bequests:** You can create a lasting legacy by naming American Friends of Rabin Medical Center in your will. Bequests are made primarily through gifts of cash, securities, real estate, and tangible personal property.

Your generosity and thoughtfulness will benefit future generations of Jews and Israelis, and reach well beyond the walls of Rabin Medical Center. Please contact us at (212) 279-2522 to discuss gift giving opportunities or email us at [afrmc@afrmc.org](mailto:afrmc@afrmc.org)



Dr. Dan Oppenheim and Senator Hillary Clinton.

Rabin Medical Center opens the Jeanne Leven Department of Intensive Care

Construction begins on the Davidoff Center

Inauguration of new synagogue at Rabin Medical Center, named after the late Farcha and Moshe Shasha

2000

2001

2002

Israeli troops withdraw from southern Lebanon after 18 years

Palestinians initiated intifada after Ariel Sharon visits Temple Mount

Sharon declares war on terror

For the first time in Israel a heart operation is performed with robotic aid

Sharon declares Arafat an "enemy" of Israel





Leah Rabin with Nava Barak.



Daniel Ayalon, Israel's ambassador to the USA



Prime Minister Sharon with Davidoff brothers



Dr. Oppenheim and Prime Minister Rabin.



Alfred and Claude Mann with Abraham Barry Cohen.

A partnership agreement is signed with the Larry King Cardiac Foundation, the first in the Middle East

2003

Israel approves construction of a security fence to improve defenses and prevent terrorism

Rabin Medical Center performs first artificial heart implantation

2004

Sharon outlines plans to dismantle the Israeli settlements in the Gaza Strip. Yasser Arafat dies

The Davidoff Center opens, the Middle East's most comprehensive cancer center

2005

Israel withdrawal from Gaza and the West Bank

100th lung transplant is performed; cardiac gene transfer trials begin



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