





The digital healthcare market is projected to exceed \$50 billion by the year 2020 and to catalyze an economic and quality revolution on the global medicine map.

Rambam MedTech, along with medical technology leaders IBM Watson Health, Medtronic, and Pitango Venture Capital, was selected to establish a new digital medicine incubator in Haifa.

MindUP is expected to cultivate over 40 new companies over the next decade, having a rippling impact on the future of digital medicine locally, nationally, and worldwide.













### Esteemed friends and benefactors.

Almost ten years have passed since the Second Lebanon War delivered its resounding wake-up call, reminding us of our responsibility to provide a secure environment during wartime for the population of Northern Israel, and for our staff who are charged with their care.

Our response to the barrage of missiles on Haifa in the summer of 2006 was an ambitious and far-reaching plan. Not only did it take into account the safety of our patients and staff-but it also envisioned new facilities that would allow us to deliver medical care and conduct clinical research at the highest international levels for years to come.

A decade later, we are proud to see how an initiative sparked by the trauma of the missile attack is having a profoundly positive impact on our patients, staff, surrounding communities, and the international medical research world. In the face of violence and destruction, we have chosen life!

The pages of this Annual Report bring to you a small sampling of the numerous and diverse activities that make Rambam a renowned center

for professional excellence and innovation, placing patients at the center of every endeavor. Professor Itay Shavit, Director of the Pediatric Emergency Unit at the Ruth Rappaport Children's Hospital, observed, "when you offer excellent services in an attractive facility, people will come." This has been borne out by the rise in number of patients, surgical procedures performed, and outpatient visits to Rambam over the past year—in large part facilitated by our West Campus expansion.

The Ruth Rappaport Children's Hospital operated at almost full capacity in 2015, and the remaining two floors opened in the spring of 2016. It is hard to measure who is more satisfied with our bright, new pediatric facilities—our young patients, their families or our medical team.

In parallel, significant progress was made towards opening the Joseph Fishman Oncology Center in 2016. This spacious new facility will offer comfort and privacy to our patients from Haifa, Galilee and the north of Israel, as they receive the best possible treatments. With support from the Israeli government, we can complete the purchase of modern radiation accelerators, build the facility to house them, and finish the last two floors of the Joseph



Fishman Oncology Center, which is our highest priority. Nevertheless major funds are still needed to complete supplementary radiation therapy and other major equipment acquisitions.

The coming decade will see a plethora of new therapeutic approaches for various types of cancer. Rambam will be at the forefront of this trend, both as the initiator of, and participant in, multi-center clinical studies. We see a huge advantage in the collaborations established between Rambam and the Technion's new Oncology Research Center in the Ruth and Bruce Rappaport Faculty of Medicine. They will present us with a unique opportunity to combine clinical care with the frontiers of research, spearheaded by Nobel Laureate Professor Aaron Ciechanover.

Establishing the new Cardiovascular Hospital is a top priority for the coming year. Rambam has a long and impressive record in cardiovascular medicine, having produced transformative innovations in stents, imaging technologies, and stem cell therapies, among others. The new hospital will enable us to leverage our professional expertise, to continue providing superb care for our patients, and develop new therapeutic approaches for the heart diseases that continue to be the primary cause of mortality in the Western world.

On the medical research front, we can point to a number of pivotal achievements during 2015. A new hemato-oncology research wing opened in Rambam's Clinical Research Institute, equipped with the special facilities needed to produce cellular treatments for patients with leukemia and other malignant blood diseases. In parallel, plans for the new Biomedical Discovery Tower on the West Campus are underway. The tower will provide facilities for research into diabetes, oncology, medical device development, personalized medicine, and genetics, among



other fields of medical relevance. There will be dedicated spaces for biomedical start-ups and incubator initiatives that will benefit from proximity to the academic research facilities of the Technion's Faculty of Medicine and Rambam's clinical environment.

During the past year, Rambam MedTech, our technology transfer arm, has continued to help Rambam clinician-scientists develop their intellectual properties. In 2015, some 20 initiatives were at various stages of feasibility assessment, patent registration, and commercial development.

Perhaps the most important development this past year was the selection of Rambam MedTech, along with the venture capital firm Pitango, the medical device developer Medtronic, and IBM Watson Health, in a nationwide tender to establish an incubator for digital health and medical device development in Haifa. The

incubator, MindUP, was established in early 2016 and carries a huge potential for the future of medicine worldwide.

Maintaining our cutting edge requires a constant influx of new professionals. During 2015 we recruited a number of leading physicians to serve as department heads, and have invited the most promising residents to come build their careers at Rambam. Their vision, talents, and energies will help navigate Rambam's future.

The momentum of Rambam's achievements and the partnership of our devoted friends is the wind in our sails. Twenty-fifteen was a good year, and we foresee many more positive developments in the year to come!

Rafi Beyar, MD, DSc, MPH

Director & CEO

Rambam Health Care Campus



Professor Marcia Javitt, a senior clinician and researcher specializing in women's and genitourinary imaging, and a recipient of the American Board of Radiology's Lifetime Achievement Award, recently joined Rambam as Director of the Department of Medical Imaging.

### WHAT MILESTONES POINTED THE WAY TO RAMBAM?

The prospect of making Aliya was always something that we considered. In 2013, when a friend told me about the position opening at Rambam, I was curious enough to come and learn more, once I was invited. We had one meeting and then another, and I realized this could be a great fit.

### AND WHAT ULTIMATELY TIPPED THE SCALES?

The people I met at Rambam were extraordinary. The Rambam team of managers and clinicians are remarkable, dedicated people who lead by example. Professor Rafi Beyar has an amazing ability to see and bring out the best in people. I was also deeply impressed by the diversity at Rambam—seeing

ACONEW IMMIGRANTS
HAVE JOINED
RAMBAM'S STAFF
OVER THE LAST
DECADE

**OVER** 

### — FROM —

**ARMENIA BELORUSSIA CHILE ETHIOPIA FRANCE GERMANY ITALY KYRGYZSTAN LATVIA MEXICO ROMANIA RUSSIA SOUTH AFRICA SPAIN TAJIKISTAN UKRAINE UNITED STATES**  people from so many different backgrounds working together with such deep commitment. I was instantly attracted to the enterprise and began to imagine myself making a contribution.

### HOW HAS YOUR EXPERIENCE AT RAMBAM DIFFERED FROM THAT IN THE UNITED STATES?

Because it is a government hospital, Rambam has relatively limited resources. And yet, we are able to do more with less than any hospital that I know in the United States. Unlike American hospitals, there is really no middle management. If I have something to discuss, I can go directly to the top and find a willing listener. There is a general "can do" attitude, and it is infectious.

### HOW DID YOUR RESEARCH PROGRAM WEATHER THE MOVE?

In a very short time, I was able to see the possibilities that could come from the raw talent here at Rambam. Through collaboration between the

Department of Radiology, our clinical colleagues, the basic scientists at the Technion, and our industrial partners, we are breaking new ground in clinical research. We are working on several new projects, including multimodality imaging with focal therapy for prostate cancer. A plan to design and build a wireless digital ultrasound probe with the capacity to transmit three dimensional volume datasets through the internet or the cloud is also on the drawing board. These and other projects are clinically relevant and innovative

### AND NOW, AFTER A YEAR AND A HALF AT RAMBAM?

Although it took a lot of 'chutzpah' to start out in a new and unknown place, I was ready for the next great challenge. So far it's been even more exciting and rewarding than I imagined.

### NOSEE SEEL STOUCH HEAL

In the recently opened Snoozy Sensory Therapy Room in the Ruth Rappaport Children's Hospital, children are encouraged to explore a wide range of sensory experiences under the guidance of specially trained occupational therapists.

The Snoozy (Snoezelen) Sensory Therapy Room was established through the generous gift of Zui Wizner, on behalf of the Wizner Family, in memory of his wife, Mina Wizner, mother of Yaron, Eyal and Gili.



### A CHILD'S UNIQUE IMAGE

Before the construction of the new Ruth Rappaport Children's Hospital, young patients had to undergo imaging procedures in the daunting main hospital.

The opening of the new Pediatric Imaging Unit has changed all that.



"Almost all imaging tests are performed here, using our excellent, child-oriented facilities for ultrasound, X-rays, and fluoroscopy. We are also in charge of pediatric CT scans and MRI studies.

We offer personalized service, devising treatment plans that focus on the health and unique needs of the child. This means we will always try to choose imaging modalities with no ionizing radiation; if that is not possible, we use the lowest possible doses.



Dr. Anat Ilivitzki

We give priority to our young oncology patients, performing all ultrasound-guided tissue biopsies within a day and under sedation.

It's not just about the equipment. It's also the spirit of the place. Everything from the colorful surroundings to the

sensitivity of our staff, to the special needs of children, come together to put our young patients at ease, and help them heal faster."

- Dr. Anat Ilivitzki, Director, Pediatric Imaging Unit, Ruth Rappaport Children's Hospital THE RUTH RAPPAPORT CHILDREN'S HOSPITAL IS ISRAEL'S FIRST HEALTH CARE INSTITUTION BUILT AND CERTIFIED ACCORDING TO ISRAELI GREEN BUILDING COUNCIL STANDARDS.

Caring for the environment is a natural extension of caring for the health of our citizens. With this guiding principle in mind, Rambam's administration and supporters made the decision to design, build, and operate the new Ruth Rappaport Children's Hospital according to internationally recognized standards of environmental sustainability.

Every design decision, from initial conception through construction and furnishing, was aimed at minimizing the building's impact on the environment, while promoting the health and wellbeing of patients and staff. Choices regarding the exterior and interior building materials took into account factors such as environmentally sustainable manufacturing processes, recyclability, and local sourcing.

Wherever possible, natural light, and passive heating and cooling were utilized to keep energy consumption to a minimum. Assisted by smart insulation design and materials, the hospital's soaring three-story high atrium stays pleasantly lit and temperate year-round with significant energy savings.





Water management systems ensure that this most precious resource is not wasted; when possible, water is recycled for use in the building's cooling towers. Facilities and procedures for waste handling and recycling are integrated into the hospital's operational scheme.

Taking into account the special needs of a health care setting, the hospital's interior was designed to be aesthetic, bright, comfortable, and well-ventilated. The combined result is a nurturing environment where patients and staff can focus on the important work of healing.

Now, over a year since its opening, the energy efficiency of this green building initiative has been a quantifiably sweeping success. With the new Ruth Rappaport Children's Hospital in full operation, Rambam has achieved a decrease in overall energy expenditure per square meter across the entire health care campus!



(l-r) **Professor Adi Rachmiel**Maxillofacial Surgery

**Dr. Liron Eldor** *Plastic and Reconstructive Surgery* 

**Professor Gil Ziv**Head and Neck Surgery

**Dr. Sagit Zolotov** *Endocrinology* 

**Professor Gill Sviri** *Neurosurgery* 

Limor Chen, MA, RN Head and Neck Center

**Dr. Jacob Cohen** *Laryngology* 

**Dr. Dima Ostrovsky** *Rhynology* 

**Dr. Zvi Gutmacher**Oral and Maxillofacial
Rehabilitation

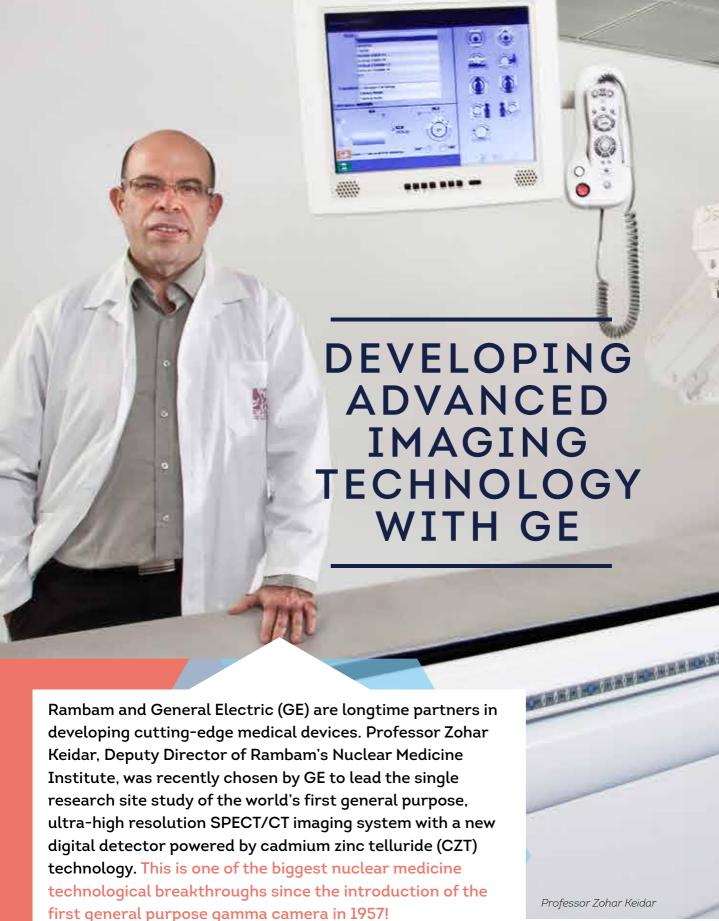
Professor Ziv Gil had an ambitious plan when he took over as Director of Rambam's Department of Otolaryngology-Head and Neck Surgery two years ago. His vision was to establish an interdisciplinary team comprised of Rambam's top experts to deliver the highest level of treatment for patients with cancer involving the head and neck. Not only would they be evaluated and treated by the most skilled physicians, but the waiting time for appointments would be significantly reduced, even to the same day. Two years later, Professor Gil has achieved his ambitious goal.

### HEAD FIRST

WELCOME
TO ONE OF
ISRAEL'S
PREMIER
CENTERS OF
EXCELLENCE
FOR HEAD
& NECK
CANCER
TREATMENT

Rambam's Head and Neck Center is the only service of its kind in Israel with such a diverse team of experts, performing over 3,000 procedures and receiving 18,000 patient visits in its outpatient clinics annuallydouble that of any other equivalent department in Israel. And with a new branch opened in Tel Aviv. the Head and Neck Center has positioned Rambam as a true referral center for patients throughout the country.

A new, state-of-the-art operating room, the first of its kind in the world, was built for Rambam's Department of Otolaryngology-Head and Neck Surgery and Head and Neck Center, thanks to gifts from Sagi Ben Moshe, Oded Turgeman, Moti Sonnenfeld, Caspi Aviation Ltd., Electric Company Worker's Union-North, Salmon Isak Gimple, Shlomo Shmeltzer z"l, and Jacky Bibliowicz.







Rambam is a pioneer in introducing robotics into the operating room in Israel, with clear advantages for our patients. The advent of robotic surgery has enabled surgeons to perform operations that are dramatically less invasive, with more rapid recovery times and minimal scarring.

"For women who once would have undergone major surgery, the quality of life and cosmetic benefits of this minimally invasive approach are extremely significant."

- Professor Lior Lowenstein, Director, Gynecology Division



Rambam is the only medical center in Israel, and one of few in the world, where gynecological surgeons combine robotics with laparoscopic surgery to perform pelvic floor and other procedures through a single, small incision site.

Rambam's Department of Cardiac Surgery was the first in Israel to introduce robotic-assisted single coronary bypass surgery. "The robotic extension of the surgeon's hands enables us to access the mammary artery in a way that is intuitive, fast, and significantly less painful and physically traumatic to the patient."

- Professor Gil Bolotin, Director, Department of Cardiovascular Surgery

## SOLUTIONS FOR TOMORROW

Rambam clinicians with ideas for medical innovations don't need to negotiate the challenging road to commercial development on their own. The Rambam Innovation Fund and Nitzoz (Spark) program provide funding and practical support to help physician-innovators launch early-stage medical initiatives.

A new prototype lab where promising ideas can make the transition from concept to the physical realm is now under construction—the first of its kind in Israel. Rambam's partnerships with medical device developers, startups, and incubators are paving the way for promising and feasible initiatives to reach the marketplace.



Rambam innovators look to the future

Back row (l-r,

and R&D Unit

**Dr. Nadav Ben-Haim**Rambam Med-Tech

**Dr. Yaniv Keren**Orthopaedic Surgery Section

Dr. Yaron Berkovich

Middle row (l-r)

**Dr. Amir Hadash** *Pediatric Intensive Care Unit* 

**Dr. Josef Ben-Ari** *Pediatric Intensive Care Unit* 

Ms. Ronya Rubinstein, Esq. R&D Unit

**Professor Ilan Gruenwald** *Neuro-Urology Unit* 

**Professor Naim Shehadeh**Department of Pediatrics A

Front row (l-r)

**Professor Ehud Klein**Division of Psychiatry and
Division of Research

**Dr. Hadar Zigdon**Department of
Periodontology

**Dr. Iyad Khamaysi**Department of
Gastroenterology and
the Hepatology Unit

**Dr. Yaron Bar-Lavie**Division of Critical Care

**Dr. Zahava Gallimidi**Department of Medical
Imaging and the
Mammography Unit



# TAKING THE GUESSWORK OUT OF TREATING INFLAMMATORY BOWEL DISEASES

Biological treatments for inflammatory bowel diseases are effective for some, but not all. In several of his many research projects, Professor Yehuda Chowers, Director of the Gastroenterology Department, is collaborating with Dr. Shai Shen Orr of the Technion to identify markers that can predict how a person with the disease will respond to a particular treatment.

immunophenotyping techniques, we hope to understand why some patients' immune systems cooperate with a specific treatment, while others perceive it as an intrusive threat. Sometimes there is a fine line between the two, and the ability to prescribe the proper dosage is critical."

- Professor Yehuda Chowers

# THE PLURIPOTENTIAL OF STEM CELLS FOR UNDERSTANDING HEART DISEASE

Professor Lior Gepstein, Director of Cardiology at Rambam and a Technion researcher, made medical history when he differentiated embryonic stem cells into functioning heart cells in uitro. Now Dr. Oren Caspi, an intern in Rambam's Department of Cardiology, is using his mentor's system to transform induced pluripotent stem

cells into heart cells that encapsulate the factors causing Sudden Cardiac Death Syndrome—a leading cause of death in young athletes. Dr. Caspi's research could potentially lead to new diagnostic and treatment approaches for this cataclysmic condition.





(l-r) Lina Basharat and Lab Manager, Dr. Tami Katz

THE PERSONALIZED VACCINES ARE PRODUCED IN A NEW SPECIALLY DESIGNED CLEAN ROOM FACILITY ESTABLISHED IN RAMBAM'S HEMATOLOGY RESEARCH CENTER. THIS FACILITY PROVIDES THE HIGHLY STERILE CONDITIONS NEEDED FOR MANUFACTURING BIOLOGICAL PRODUCTS FOR USE IN HUMANS. THE AVAILABILITY OF THE CLEAN ROOM OPENS NEW OPPORTUNITIES FOR CUTTING-EDGE CLINICAL TRIALS, CONDUCTED BY INVESTIGATORS AT RAMBAM IN COLLABORATION WITH THE BIOMEDICAL INDUSTRY.



A group of Rambam patients diagnosed with acute myeloid leukemia is now participating in an important clinical study evaluating the efficacy of individually generated cancer vaccines. This new form of personalized therapy involves merging leukemic cells of a particular patient with specialized cells that stimulate their immune system.

This clinical trial is part of a collaborative program between Rambam's Hematology and Bone Marrow Transplantation Section in Haifa and the Beth Israel Deaconess Medical Center - Harvard Medical School in Boston.



"Much of my work involves introducing physicians to the resources the lab offers, and the importance of counseling and monitoring couples at risk. I travel the country spreading this life-saving message."

- Dr. Lilach Bonstein

OVER 150
FAMILY REFERRALS
ANNUALLY FROM
ALL OF ISRAEL

OVER 350

NEUTROPHIL

ANTIBODY TESTS

PERFORMED IN LESS

THAN TWO YEARS

Half of them on babies under two years old.

When certain diseases or conditions cause the immune system to turn against its own white blood cells or platelets, or against the fetal cells in the case of some expectant mothers, the results can be fatal.

### The Platelet and Neutrophil Immunology Laboratory at

Rambam serves children, expectant women, and families throughout Israel, diagnosing specific immune disorders of blood cells and counseling patients with genetic affinity to these diseases in their family planning.

Established and headed by Dr. Lilach Bonstein, Director of Rambam's Blood Bank.

the Platelet and Neutrophil Immunology Laboratory is the only one of its kind in Israel, and one of few in the world, dedicated to platelet and neutrophil antibody detection and identification.



Professor Tzui Dwolatzky (aboue left)

"Not only do the patients benefit, but hospital staff and family members are seeing the positive impact of constructive interaction with the elderly."

- Professor Tzvi Dwolatzky

As part of the Hospital Elder Life Program (HELP), recently launched at Rambam, volunteers are reading to, walking with, and otherwise engaging with elderly patients to prevent them from losing coherence and functionality during hospitalization.

Developed at Yale University, HELP was adopted by Professor Tzvi Dwolatzky, Director of Rambam's Geriatric Services, and the program has already reached over 1,000 patients.

Rambam is the first hospital in Israel to offer such a service, and will serve as a catalyst for developing similar programs throughout the country.



Rambam's Pain Medicine Institute is the clinical research partner with SYOE Medical for development of a new, metered-dose, pharmaceutical grade, medical cannabis inhaler. Dr. Simon Vulfsons and Professor Elon Eisenberg of the Pain Medicine Institute are studying the pharmacokinetics, efficacy, safety, and ease of use of the new medical device, which may provide a welcome, controlled delivery platform for cannabis therapy.

"Cannabis has strong biological effects for improving appetite and reducing nausea, and for treating epilepsy. While its effects for pain reduction are moderate, it does increase a sensation of wellbeing. With the new device, we are able to measure exact increases of THC in the blood with a 100 microgram resolution, which can help physicians achieve the balance between symptom relief and psychoactivity."

- Dr. Simon Vulfsons, Director, Pain Medicine Institute



# RECOVERY ISJUST ASTEPAWAY



#### An Exercise Club for Bone Marrow Transplant Patients

"I can't take ten steps and you expect me to walk for an hour?" This is a typical response when volunteer Doron Bloch invites a patient to join Rambam's Bone Marrow Transplantation Unit exercise club. Several months later, when that same patient has not only walked the entire hour, but is enjoying coffee with friends and staff from the unit, it is clear they have taken giant strides towards recovery.

Started by Professor Tsila Zuckerman, Director of the Bone Marrow Transplantation Unit, and social worker Naama Lapid, this physical fitness initiative builds trust between patients and their health care providers in an informal setting that shifts their focus from illness to health. Bloch, an information technology specialist at Rambam and a professional athlete, is thrilled to volunteer as the physical trainer for the club.

"I deeply believe in the healing power of a sporting life."





"Master Technion" Swim Team at Haifa's Technion-Israel Institute of Technology swimming pool

# SWIMATHON

SWIM FOR CHILDREN 2015

RAISING MONEY TO TREAT CHILDREN

# MAKING WAVES FOR RAMBAM'S PEDIATRIC PATIENTS

**Swim for Children 2015** was the community service brainchild of the "Master Technion" Swim Team at Haifa's Technion-Israel Institute of Technology: a unique, 50 km swimathon to benefit the Ruth Rappaport Children's Hospital.

Over a period of 24 consecutive hours last May, team members traversed the Technion pool, earning donations from their sponsors for each lap they swam towards the purchase of a set of pediatric defibrillators.

One of the swimmers, Arik Even, had undergone complex surgery at Rambam in the past to treat severe spinal damage. After a lengthy rehabilitation process whose outcome was not assured, Arik was eventually able to resume a sporting life and return to the pool.

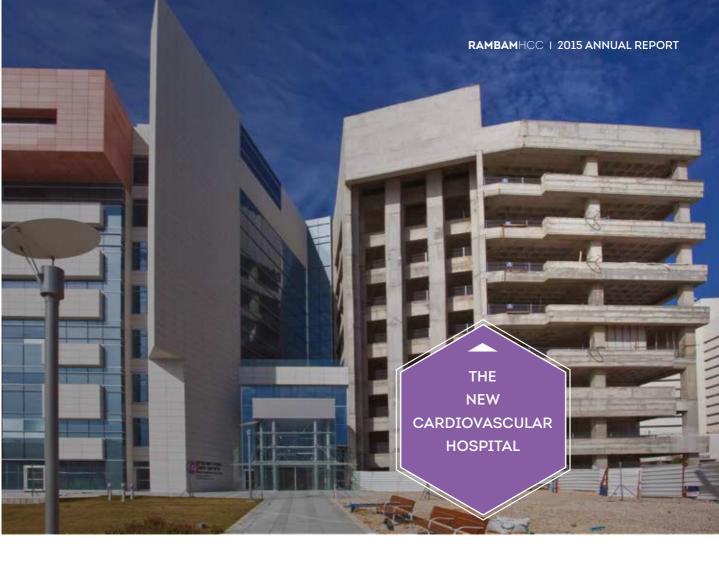
"Swimming is one of my greatest pleasures, and without the medical care I received at Rambam, I wouldn't have been able to make my contribution to this important cause."



Rambam has an exceptionally distinguished record of innovation in cardiovascular medicine, from new developments in cardiac stents to groundbreaking insights into cell therapy and regenerative medicine. The new, state-of-theart, eight-story Cardiovascular Hospital will provide a fitting home to build upon this legacy.

The Cardiovascular Hospital was conceived as a broad, integrative center, combining excellent

clinical care, advanced research, and community services under a single roof. To meet our commitment to preparedness in any eventuality, at least two departments will be fully fortified against conventional and unconventional warfare. In the new hospital, patients will benefit from the latest clinical approaches and treatment facilities, in a safe, secure, modern, and comfortable environment.



The new facility will include fully equipped laboratories, where Rambam physician-researchers will apply their clinical knowledge to develop new ways to prevent and treat cardiovascular diseases, which remain the number one cause of mortality in the Western world.

The Cardiovascular Hospital will also house a Healthy Living Center, a Women's Heart Clinic, and a Cardiovascular Genetics Unit, all of which will contribute to the cardiovascular health and well-being of the citizens of Northern Israel.

As we accelerate our efforts to establish the Cardiovascular Hospital, Rambam is seeking visionary partners who will join us in shaping the future of prevention and treatment of heart disease.



Sol J. and Meri Barer with their grandchildren

# SOLJ. AND MERI BARER A LOVE OF HUMANITY A PASSION FOR ISRAEL

Dr. Sol J. and Meri Barer are unique among donors in their desire to improve the human condition at both the broadest and most personal scales.

Dr. Sol J. Barer is an internationally recognized leader in the global biopharmaceutical industry, who has been instrumental in bringing pivotal medical

innovations to market. Meri Barer is devoted to promoting the wellbeing of children in various professional and volunteer capacities, and is active in a number of educational and other causes.

Together, the Barers have chosen a broad and generous philanthropic path that has impacted countless

beneficiaries and inspired an outpouring of accolades and awards. In Rambam Health Care Campus, the couple's commitment to medical research and compassionate healthcare has found a worthy partner.

Reflecting their appreciation of cutting edge technologies for improving health care,

the Barers were supporters of Rambam's acquisition of equipment including the robotic da Vinci® Surgical System, which has transformed the way surgery is performed at Rambam. And as devoted humanitarians, the couple's compassionate approach to hospitalized children and their families is especially evident throughout the Ruth Rappaport Children's Hospital.

The Meri & Sol J. Barer
Neonatology and NICU Family
Room provides a comfortable
haven where parents of
hospitalized infants can
rest and find relief from the
emotional and physical stress
of round-the-clock care. The
Barer-Zairi Pediatric Neurology
Unit, another major gift from
the Barer Family, treats
children with a wide range of
neurological disorders in a
child-friendly ambiance.

The Meri & Sol J. Barer Play Atrium is the vital heart of the hospital, where thousands of children find respite from tension, pain, and uncertainty providing proof in living color that a hospital does not have to be a scary and threatening place. Most recently, the Barers extended a major gift that enabled Rambam to establish the Meri & Sol J. Barer Department of Pediatrics B, where children will receive optimal medical care in a welcoming and comfortable environment.

As a Board Member of the American Friends of Rambam (AFORAM), Meri Barer has been active in many of the organization's fundraising events. Most recently, she joined AFORAM's Board of Director's Executive Committee, which will be well-served by her energy and spirit.

Recipients of the 2013
Rambam Award, Meri and Sol
J. Barer find in our hospital
the humanity, compassion, and
excellence that resonate with
their own deepest values. We
are honored to work in tandem
with the Barers to promote
Rambam as an oasis of peace
and good will among its staff,
patients, and friends in Israel
and abroad.





Top: Sol J. and Meri Barer
Bottom: Meri and Sol J. Barer with
Prof. Rafi Beyar (center) and AFORAM
President Adam Emmerich (right)



#### Dear Friends,

# This past year I saw many miracles come to pass at Rambam:

Our Ruth Rappaport Children's Hospital dramatically expanded its life-saving services for the children of Northern Israel; the Joseph Fishman Oncology Center was largely completed and will open its doors to patients this summer; and the Sammy Ofer Fortified Underground Emergency Hospital and Parking Lot became fully mission-capable. Many units within the existing hospital departments have been updated, and critical medical equipment has been purchased.

None of this could have happened without the extraordinary generosity of all of you-our longtime friends and supporters. In the coming year, with your help, we will continue to build Rambam's landmark Cardiovascular Hospital and we will strive to realize the vision of our Biomedical Discovery Tower.

We are so grateful for your contribution to Rambam's mission: to heal, to understand.

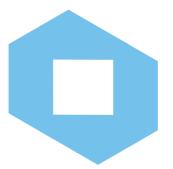
and to care for every human being. Together, we are creating the future of medicine in Israel.

We want everyone to witness the transformational care and innovation that make Rambam one of Israel's preeminent medical institutions. To this end, in 2015 we hosted thousands of supporters, visitors and delegations, including ambassadors and dignitaries from 58 countries.

The pages of this Annual
Report illustrate many
of Rambam's remarkable
achievements. Yet there is
nothing like seeing them with
your own eyes. So I would
like to take this opportunity
to extend to you our warmest
invitation to visit us in Haifa.
Come to Rambam and see for
yourself one of the national
treasures of the State of Israel.

#### Esty Golan, PhD

Managing Director of International Relations and Chief of Strategic Development



# 2015 IN NAMES AND NUMBERS



We are indebted to the vision and generosity of our friends from around the globe who have consistently helped us raise the bar.

With your help, Rambam has grown into one of Israel's most important centers for medicine and research. Each gift, from the major and transformational, to the symbolic and personal, has given us the means to make Rambam Health Care Campus a point of reference worldwide.

# Friends of **RAMBAM**

Around the world

American Friends
of Rambam

Maimonides GOLDEN CIRCLE

Canadian Friends of Rambam

British Friends of Rambam

French Friends of Rambam

Spanish Friends of Rambam

Friends of Rambam in India

Israeli Friends of Rambam Maimonides FRIENDSHIP CIRCLE

Maimonides **LEADERSHIP CIRCLE** 

BENEFACTOR

FOUNDER

**PATRON** 

Maimonides GIFT CIRCLE



#### Maimonides GOLDEN CIRCLE

Amir, Herta and Paul

Barer, Meri and Sol J.

Beutler. Ernest and Bonnie

**Buffett**, Warren

Dankner, Nochi and Orly / D.I.C Loans/ IDB GROUP

Fishman, Joseph and Family

**ISCAR** 

Israel Cancer Association (R.A.)

Jewish Agency for Israel (JAFI)

Legacy Heritage Fund
Ofer, Sammy, Aviva and Family

Rappaport, Ruth, Bruce and Family

The Conference on Jewish Material Claims Against Germany

The Leona M. and Harry B. Helmsley Charitable Trust

The Wolfson Family Charitable
Trust / The Wolfson
Foundation

Weill, Joan and Sanford I. /
The Weill Family Foundation

Wertheimer, Ariela and Eitan



### Maimonides FRIENDSHIP CIRCLE

Adelson, Miriam and Sheldon

Arieli-Goldschmidt, May,

Paul and Louis

Barazani, Ovadia and Greenberg,

Marguerite

Berg, Marsha and James

Crown Family Foundation

De Gutt, Tila

Dibner, Relly and Brent

Dotan. Varda and Boaz

Engel, Hedda

Forchheimer, Leo and Julia

Goldhar. Eli and Effi

Gorman, Harry and Sara

Hayim Association

International Fellowship of

Christians and Jews

Jampolsky, Marcel

Judah, Ivy

Kahn, Guinter

Kusnetz, Samuel and Rose

Laughton, Martin

Levitt, Harry and Herman

Marienberg Family

Maurice Wohl Charitable Foundation

Metraso, Yona

Meyer, Sally and Menashe Itzaak

Moscona, Nissim Alberto/

The A.M.N. Foundation

Nerken, Jean and Albert

Rostova, Mira

Schreiber, Shoshana and Jacob

Shore, Hy and Bertha/Shore,

Neil and Fred

Sim Lev Lalev

Slutsky, Edward and Rebecca

Smolokowski, Slava, Isa and Family

Spencer, Irma and Aaron

Stern. Leon

Stichting, Clara Mendes

Stichting, Levi Lassen

Strelitz, Arlene and Joseph

The Caroline and Joseph S. Gruss

Life Monument Funds

The D. Dan and Betty Kahn Foundation

The David and Jacqueline

Simon Family

The Jewish Medical Colleagues

of Johannesburg

The Leir Charitable Foundations

The Yaakov Meridor and Mila

Brener Foundation

United Jewish Communities

Weil, Emile and Marthe Marquerite

Women's League for Israel

Yad Avi Hayeshuv

Yael Rambam

#### Maimonides **LEADERSHIP CIRCLE**

#### **BENEFACTOR**

American Friends of Rambam

Canadian Friends of Rambam

British Friends of Rambam

French Friends of Rambam

Spanish Friends of Rambam

Friends of Rambam in India

Israeli Friends of Rambam Angel, Udi and Anat Bechor, David and Sofia Benard, Maurice and Alice Lili Black, Scott Myles and Isabelle Brecher, Susan Combined Jewish Philanthropies of Greater Boston Dansac Judith Renee Die Deutsche Ärztegemeinschaft für medizinische Zusammenarbeit **Dream Doctors** Electric Company Worker's Union - North Elsbach, Hugo and Hertzdahl, Carla Levina Fretz Siamak Cultural Center Fedan, Vladimir Feist-Elzas, Ester Miriam (Erna) Feldenkreis, George A. and Mariita Feldman, Goldie Forman, Tatyana and Alan J. Frank, Albert and Patricia Gettenberg, Lynn W. and Gary S. Goldstein, Anna and Victor Green, David and Wagner,

Daphne

Greidinger, Moshe

Hershkovitz, Baruch

Iranian American Jewish

Israel Children's Cancer

Foundation - ICCF

Israel Corporation Ltd. Kahn, Michelle

Federation of New York

Greidinger, Israel and Naomi

Katz, Kalman and Sali Keren Hayesod - United Israel Appeal Kornach, Michael Landsburg, Morris and Elizabeth Levine, Joe and Karen Levitus. Mav Lewin, Clement and Susan Lief Family Charitable Fund Lulki. Mila Emilie Mayer, Mirel Ohebshalom, Fred Ohebshalom, Nader Palley, Rose Pariser, Paul S. and Lynn H. Planet, Hagai Rashi Foundation Roche Israel Rosenfeld, Ernesto and Ildiko Schwartz. Aura and Moshe Staff of Rafael Ltd. Stier. Noam Strasberger, Joseph Temple Shaaray Tefila of Lawrence The American Jewish Committee The Dr. Yaffa and Arie Shapiro Research Fund Thirteen Synagogues of the Shore Area Walk for Israel UJA-Federation of New York Wertheimer. Stef White, Shelby and Levy, Leon Wolf, Rusinek

#### FOUNDER

Aharon Gutwirth Foundation

American Technion Society Amir, Elka Arison Group Arnowitz, William and Janece Ashkenazi, Grazia Atkind, Leo and Belle Babush, Harry and Evelyn Baron, Elza Barzilai, Nir and Laura Bennett, Saidie and Maurice **Best Products Foundation** Blank, Edward and Sharon Brachman, Malcolm Broder, Rose Cedar. Zahava and Yoram Chais Family Foundation Cohen, Arnold L. and Barbara Cohen. Ethel Dalia and Eli Hurvitz Foundation Ltd Danon, Joseph Dansker, Norman and Gloria De Hart, Elvira Denburg, Howard and Dorothy Deutsch, Alex Diamond, Jesse Diller, Dorothy Dozoretz, Ron Dragul, Paul H. Drucker, Zacharia Ebin. Leonard and Eva Emmerich, Adam O. and Pamela **Endtime Ministries** Faraji, Ita Feldman, Eliezer and Shulamit Fondation Adelis

Freeman, Brian and Harriet

Furman, Dave
Gadenski, Yaakov
Geller, Bruno and Sofia
Ginsberg, Albert
Gottesman, Arthur Marceli
Gould, Fredric and Helene

Great Neck Synagogue Green, Barry and Laurie Green, Herbert and Joyce

Grossman, Alan R. and Marjorie

Haifa Foundation
Haisman Glucker, Edna
Hermetic Trust (1975) Ltd.
Herschdoerfer, Aurelia
and Sigmund M.
Hochfeld, Henry
Ilan, Eran Zvi

Jablow, Robert and Carol James Leon Dubrow Foundation

Jesselson Foundation
Jewish Community Center
of San Francisco
Jewish Federations of

Jarndyce Foundation

Canada - UIA

JMF - Jeffrey Modell Foundation

Joseph Cohen, Abby Kemp, Rose and Daniel

Klakstein, Arye and Zipora

Klein, David

Korn, Henry H. and Ellen Krueger, Harvey M. and Connie

Larger Than Life

Lasher, Moe and Charlotte Lavenstein, Lance

Lawson, Erica

Lazar, Rachel Leibel, Adela

Leon and Zipporah

Goldstein Foundation

LeRoith, Derek

Liebeskind, Arie L. and Doreen

Lipschik, Rochelle

Mahoney Cohen and Company Meizles, Yosef and Berta

Mendel, Pierre

Mendelson, Alan C. and Agnes MIS Implants Technologies Ltd.

Neufeld, N.

Neumann, Adam and Rebekah Operation Embrace Foundation

Operation Wheelchair Committee

Osama Engineering Ltd. Oster, Abe and Ann

Overseas Finance and Trading (Geneva) Ltd.

Panamanian Jewish Community Papavassiliou, Christakis P.

Paris, Stuart A. and Elaine

Picciotto, Renato Polo Ralph Lauren Portalo Holdings Inc. Prostek, Sylvia

Raviv, David

Reichmann, Susanne Rosenberg, Malcolm Ross Slater, Sabina

Rousso, Eli Schreiber, John J.

Schreiber, Paul S. and Joan Shulman, Neville and Emma Shulsky, Marvin R. and Linda

Silber, Rachel

Simon Wiesenthal Center Sislin, Leno and Paul Smargon, Andrea

Sohnis, Jonathan and Edna

Stock, Abe

Strauss, Andres Tomas

and Carolina

Temple Israel of Great Neck
The Colburn Family Foundation
The Jacob and Gitla Zukier

Medical Fund

The Jewish Federation of Greater Los Angeles The Locker Foundation Vincent, Christian

Waldman, Ella Waldman, Eyal Weichsel, Arturo Werner

and Veronica F. de Westoff, Alexander and Clara

Yakubovich, Moshe

Youdim, Moussa and Fruma

Zilberblum, Feibel

#### Maimonides LEADERSHIP CIRCLE

#### **PATRON**

American Friends of Rambam

Canadian Friends of Rambam

British Friends of Rambam

French Friends of Rambam

Spanish Friends of Rambam

Friends of Rambam in India

Israeli Friends of Rambam Abraham and Sonia Rochlin Foundation Abutbul, Michal and Daniel Agam, Jacob Anbarchi, Stella and Aliza Association les amis de l'hopital Rambam de Haifa Bank Hapoalim Bank Leumi Ben Moshe, Sagi Beracha Foundation Berger, Nancy Braunstein, Harry P. and Joann Broder, Abraham Carr, Daniel Chet. Meir and Rina Cohen, Menachem and Dvora Dabakarov. Michael and Janna Deutsche Gesellschaft für Parodontologie Doron, Yaffa and Arye Dri, Yaacov and Miriam Einziger, Moritz and Anita Eizenshtadt, Izabela Emed. Alexander and Yona Emrani, Daniel Ernzweig, Netta and Herman Feig, Hadas and Ryan (Ze'ev) Feigenbaum, Marvin Feigenbaum, Zev Zvi Friedman, Cecilia (Chippy) Friedman, Roy Gabrel, Dora and Sidney Gerzberg Foundation

Goldstein, Henry (Heinach)

Gonda, Tibor and Margot

and Magda

Hadassah, The Women's Zionist Organization of America Hanna, Nabil and Gayda Heyman, Ronnie F. and Sam Ilin Industries Ltd. Iranian Jewish Community of Los Angeles Jewish Center of Pelham Bay Kitamura, Zeni and Ryuji Klakstein, Nir Kohen, Hanna Kopel, Hani Lazaroff, Sophie Levy, Margite Lewin, Ben and Elizabeth Lewin, Daniel LIBI Fund. France Liebes. Alicia Mizrahi, Margalit Necht. Marius Newman, Erna and Bernard Oreg, Hanna P.E.F Israel Endowment Fund Pictet and Cie Rose, David Rothberg, Heidi Rudman, Duke M.B Sandler, Sam and Reba Schwartsman, Vladimir Schwartz, Ruth Seitchik, Murray W. Serz-Weinreb, Olga Shena. Rena Shillman, Robert Shine, Barnett and Sylvia Shinold, Zeev and Bruria

Shipley, David and Dianna

Sonnenfeld, Moti

Sporn, Victor and Noemi Stark, Helen Sterling, David A. and Mona Stoler, Michael Strelitz, Robert Striar, Daniel and Marlene Tagar, Sarah Tauber, (Nachemsohn) Carla The A. Alfred Taubman Foundation The Carter Family of London The Nephrosis Research Foundation The Phileona Foundation The Sobell Foundation Union of Orthodox Jewish Congregations Victorian B'nai Brith Vilmush-Nirenberg, Ze'ev Wald, Roza and Koptce Wohl, Ruth and Harry Yechiely, Menachem Noah Yekutiel Federman Fund Young Israel of Long Beach Zionism 2000 Zuckerman, Boris

#### Maimonides GIFT CIRCLE

A.B.B. Technologies Ltd. A.C.S. Motion Control Ltd. AbbVie Biopharmaceuticals Ltd. Abekasis, Avraham and Dorit Abrahams, Gerald Adams, Jean Adler. Leah Aharon, Zvi Eran Aide Medicale Pour Israel ΔIG Akiba, Ruth Aktionskomitee zur Betreuung israelischer Kriegsbeschädigter Allen, Harvey Alon, Ruth Alper, Barry Alpha Omega Foundation Amar, Samuel and Raymonde American Physicians Fellowship Amgen Amster, Irene Anna and Rachel Halperin Foundation for Medical Research Anti Tuberculosis and Pulmonary Diseases League Aptowitzer Foundation for Haifa Argo Coral Maritime (Israel) Ltd. Ariel, Liora Aroma Espresso Bar Asher, Gilad Askin, Paula Assis, Abraham and Saul Associated Hebrew Schools Association des Français Amis d'Israel Auriat, Kerry Avital, Albert Avon Finance Ltd. Ayer, Ariela Azaz, Yaffa Azrak, Victor Faradj B.S.T. Development and Construction Ltd. Bagdadi, Nissim Bahá'í World Centre Bakshtansky, Esther Ballon, Milton Bar. Assaf and Nava Bar David, Aharon and Sarah

Bar Yehuda, Moshe

Baran, Shlomo

Barer, Josh and Sara Barnett, Gary (Gershon) and Avala Bashari, Haim and Rachamim Bauer, Helene Ben Chaim, Shlomo and Simona Ben Chamo, Itzchak Ben Shoshan, Jacob Ben Shushan, Rahamim (Ramo) and Miri Benhorin, Nir Ben-Simon Aluminum Industries Ltd. Bercowitz, Sharon Berg, Yonatan and Sharon Berkley, Fred and Sybil Berkowitz, Roger and Lynne Berman, Nathan and Liza Berry, Richard and Beverly Beth Sholom Congregation, Lawrence, NY Bibliowicz, Jacky Bild hilft e.V Billet, Harry and Rookie Birenbaum, Moshe and Malka Bitan Wines Ltd. Blachman, Arye Black Goldfarb, Barbara Blaichman, Frank and Cesia Bloch, Sam and Lilly Blond, Neville and Elaine Bloom, Beatrice Bloome, Mark and Sharon Blum, Roberto Blumenthal, Lionel and Eva B'nai Brit Lishkat Zvulun B'nai B'rith Haifa Municipality Bodak, Joseph Bohrer, Abraham and Judith Born, Robert and Esther Boston - Haifa Connection Bouaziz, Guy and Renee Braunshtein and Abudi Law Firm Brenner, Benjamin Brenner, Tamar Bretler, Mariana and Max Briman, Mira Brosh, Ya'acov (Cobie) Brown, Solvejg and William

Buhari, Muhammed Amin

Burstein, Adrian and Jacklin

Burstin, Jack and Erna Butnick, Milton and Dora Cahn Debre. Marianne and Sylvain Cardozo, Irma Carr, Cynthia Carroll, John Caspi Aviation Ltd. Cass, Frank Chais, Pamela and Stanley Clark-Dibner, Victoria Cleanetica Ltd Cohen. Bruria and Yehuda Cohen, Amar Cohen, Annelise Cohen, Elisha and Ayala Cohen, Omer and Shaked Adi Commercial del Panama Community Synagogue of Monsey Sisterhood Community Synagogue of Rye, NY Congregation B'nai Yeshurun, Teaneck, NJ Congregation Shaaray Tefila, NY Congregation Shaarei Tsedek, Curaco Contour Conventions and Tours Ltd Cutler, Natalie Dagmi, Ezra and Hagar Daily Rauch, Shulamit Daneshgar, Joseph and Shiva Dankner, David and Aviva David, Joseph and Miriam David, Sonny and Stella Davidovitch, Abraham Dayan, Daryoush Delman, Michael and Dafna Derfeld Maria Deutsch-Israelische Hilfe für krebskranke Kinder Devidas. Moshe and Rivka Dexcel Pharma Diab. Adnan and Iman Diamond, Marc J. and Elizabeth Dibner, David and Frances Divident Ltd Dochi, Muhamad Dor Udi, Oded Dover, Bertie and Barbara Dr. Jakov Isler Foundation

#### Maimonides GIFT CIRCLE

#### **American Friends** of Rambam

#### **Canadian Friends** of Rambam

#### **British Friends** of Rambam

#### French Friends of Rambam

#### **Spanish Friends** of Rambam

#### Friends of Rambam in India

#### Israeli Friends of Rambam

Drake, Jack and Linda Drazner, Michael and Carmela Driancourt and Cie (D&Cie) Edrei. Fannie Edry, Raffie and Marina Eigar Dreyfus, Leora Elmalech, Rina Tali and David **Emerald Worldwide Corporation** Eortc Brain Tumor Group Eskenazi. Alberto and Efraim Ester and Abbe Kurlands Mindefond Eugen Jenoe Foundation Eurcom Marketing (1986) Ltd. Falach, Maher

Falic Family Foundation

Farahi, Jila

Fattal, William

Feinstein, Leonard and Susan

Feldman Tzur

Feldman, Ziel and Chaiki Fhima, Joel and Leah

Fields, Kenneth and Susan

Fight Together Finkelstein, Paul D.

Fishman, Joshua and Sima

Flash Lighting Blue and White Ltd.

Flora F. Morrell Charitable Trust

Fogel, Baruch

Foley, Michael and Theresa

Forsmlingen Judiska Fox, Irving and Gloria

Frankel, B. Harrison

Frankel, Sidney

Franklin, Jonathan Freemasons Israel

Friedman, Bradley

Friedman, Chaim

Friends of Israel Cancer

Association Munich

Friler, Liliane

Gabai, Eran Galil, Uzia and Ella

Gavrieli, Edna

Gertman, Tova and Tomy

Gildor, Adi Sivan

Gindi, Rachel Ginzburg, Ella

GlaxoSmithCline's (Israel) Ltd.

Gluck, Izabella Gokovski, Hava Golan, Edna

Goldman, Norman and Diana Goldman, Richard and Rhoda

Goldstein, Israel and Froma Goldstein, Ramy and Smadar

Goldstein, Dror and Dovrat Goren, Inbal Lilach

Goren, Yossi

Gorman, Earl

Gottlieb, Arie

Gottlieb Fischer, Leo and Eva

Grant, Warren and Randi Green, Adam and Dido

Green, Cary and Ronda

Green, Donna and Mike

Green, Karen

Greenberg, Alan and Family

Gregory, Julia Gregory, Vera Gross, Sarita K.

Grossman, George

Gunn, Chan Gut, Mary

Gutmann, Rachel

Guttman, David and Rita Haifa Rotary Club

Halperin, Yosefa Halpern, Sam

Hamdan, Yoosuf Turki

Hansje Sillevis Foundation Harvest, Michaela

Hauseman, Omri and Sivan

Hayek, Rabea Heckart, Shalom Heinsohn, Patricia Hekmat, Farshid and Farah

Heller, Roma

Henka and Moshe (Mahala Masari) Rave Foundation

Herczeg, Agnes and George

Herzel Grinshpon -Investments I td

Hirsch, Shmuel and Geula

Hitter. Yoli Noe

Hochstein, Michael and Suzanne Hod, HaCarmel Rotary Club

Hod. Ofir

Hoffman, Ron and Heather

Hood, Rodney E. Hubert, Emmi

Ilex Medical Ltd. Immanuel College

In His Image Foundation

Iranian American Jewish

Cultural Organization (IAJCO) Ironi A School, Haifa

Isak Gimple, Salmon

Isracard

Israel Discount Bank Ltd. Isselbacher, Rachel

Itzkovitzi, Shalom J.C. Health Care Ltd.

Jacobson, Mitchell and Kathy

Jaglom, Elchanan Amiel

Jennings, John

Jerichower, Gertrude Debora

Jewish Child's Day Jewish Community of

Greater Stowe

Jewish Federation of Greater

Los Angeles

Jewish Federation of Palm Springs and Desert Area

Jewish Federation of

Ventura County

Joles, Harold

Jourdan, Michael M. and Iris

Jura, Eugene Kahn, Nelly M.

Kalisman, Amir and Ra'aya Kalisman. Michael and Gavle

Kamhi, Sami and Aiva

Kamor Ltd. Kanis, Yana

Karlin, Baruch and Amira

Kasner, Joseph Katan, Sylvia Katz, Frances R.

Katz, Miriam Kavodi. Rutie and Admon

Kazaz, Haim Pinchas

Keen, Mark Keesing, Aleida Keshet Teamin Ltd. Kessler, Howard

Kessler, Randall and Jan Khodosh, Roman and

Popovic, Sophia Kibbutz Dalia

Kibbutz Maabarot Kibbutz Yagur

Klatskin, Charles and Lynne Klein, John and Miriam

Kogan, Israel Kohav, Itzhak Kolinsky, Martin Kotowitz, Harry Krasnoslesky, Alexey and Galina Kropveld, Erna Elsina Jacqueline Kross, Marc Krupp, George Kuperwaser, Mark and Judith Kutner Showel, Dora and Morris Lamroth Hakol Laufer, Gerta Laufer, Shlomo and Miriam Lavi, Eliaz and Osnat Lavon, Benjamin and Dalia Le Comite de Souiten Amit Abramson Leeds Jewish Ex Servicemen and Women Association Lehman Brothers Investment Bank Leibovitz, Yosef Leo Baeck School, Haifa Leon Judah Blackmore Foundation Lepsker, Joshua Leuberski, Nilli Lev. Rami and Nira Levin, Liran Levinger, Dedi Levitan, Oded Levy, Guy Levy, Yosef and Pnina Lewis, Jeffrey Lewis, Stanley A. Libovner Voliner Benevolent Society Lichtenstein, Steve Lichtman, Marshall and Alice Jo Linial, Shimon and Rivka Litany, Sara Livnat, Moshe Loden, Elliot H. Lorya, David and Sheli Louis, Sandzer Louna, Joseph and Matilde Luchins, David Lustman, Felix LycoRed Natural Products Industries Ltd. Magen LaCholeh Magid, Abe and Sally Magid, Harold and Rhonda

Magid, Larry and Millie

Mandles. Martin and Connie

Nimri, Ari

Korenvaes, Harlan and Amy

Maramoresher Society Marateck, Samuel Marchant, Debra Marcus, Paza and Dror Margules, Herman and Ruth Marina Galilee Mushrooms Ltd. Mark and Anna Ruth Hasten Family Foundation Marmelzat, Williard L. Marram Edward Marvel Semiconductor Israel Ltd. Mashash, David and Dolly Mashav Initiation and Development Ltd. Mason, Peter and Mary Matan - Investing in the Community Mayer, Etti and Leon Mayer, Itzack and Tzofiya Melamed, Jacob and Dorice Melamed, Robert and Dalia Mendel, Yoseph and Rachel Mendelbaum, Salo and Meray Mesznik, Eugenie Geula Mesznik, Eytan and Shelly Mesznik, Joel and Lynne Mesznik, Roger and Summers, Lynn Milbert, Simon Miller, Alan B. and Jill Miller, Antonia Minden Management Ltd. Mintz, Rivka and David Moghavem, Abdullah Alex and Mahroo Moradi, Isaac and Jacqueline Morsel, Charles Morsel, Issy Mory Rauch, Leah Moshkovitz. Pnina and Yossi Mutai, Eli Nash Family Foundation Nazareth United Bus Services Ltd. Neibart. Steven Neman, Yoel and Sherry Neopharm (Israel) 1996 Ltd. New West End Synagogue Newman, Wendy Niego, Sammy and Malka Nilit I td

Nirenberg, Wilmesh Normand, Relly Novack. Kenneth J. Novartis Pharma Services AG Novo Nordisk Ltd. Nuspor Investments Ofer Aviation Ltd. Olemberg, Isaac Oren, Yehudit Osada (1998) Ltd. Oscar Gruss and Son Ovadia, Mordechai PanoCenter Pasadena Community Foundation Peletz. Pesia and Abraham Perl, Berndt and Gail Perry, Lily and Morris Pharmaexcel Ltd. Phillips, Rachel Piso, Amram Pizan, Alf Pizan, Sidney Platnick, Geoffrey and **Toby Printz** Polakoff, Dale Pomeranc, Jack and Sally Porat, Yigal and Zehava Port, Irving and Sally Portsmouth Jewish Ladies Benevolent Society Providental Finance Inc. Putsman, Maurice Quitman Lecturship Rabin, Yuval Raff, Eitan Rauch, Uzi Ravon Electronics Ltd. Raz. Amir Reali Hebrew School Redlor, Ruth Rekah Foundation Richman, Rick and Judy Rikover, Oded Rodaler SA Rommer, Hanka and Simon Ronal, Shalom and Shoshana Ronne and Donald Hess Foundation Rose Agriculture Ltd. Rose, Jeremy Rosengard, Bruce R. and Ariella

Rosetree Trust

#### Maimonides GIFT CIRCLE

American Friends of Rambam

Canadian Friends of Rambam

British Friends of Rambam

French Friends of Rambam

Spanish Friends of Rambam

Friends of Rambam in India

Israeli Friends of Rambam Rositzky, Doron Rotenier, Richard Rothenberg, Robert P. and Helene Rowe, Jacob Ruben, Dennis and Joyce Rubin, Jami and Reiff, Eric Rubinstein, Yoav Ruksan Investments Ltd. Sachs, Benjamin P. Samuel and Ethel Lefrak Trust Samuels, John Sarbani, Erna and Naftali Sarfati, Shimon Sarshar, Masud Sasson, Joseph Savacool, Cecil Savion Industries (1987) Ltd. Sayage, Michael Schechter, Robert Schipper, Lionel and Carol Schon, Lew Charles Schusterman Foundation-Israel Schwartz, Jesse and Carol Seginer, Ido Sela. Ilan Sela, Tuvia Seymour J. Abrams Family Foundation Shahery, Shahrokh and Shirin Shalmiev, Grisha Shapira, Rachel and Robbie Sheingut H.M. Ltd. Sherball and Denman Charitable Fund Sherman, Archie and Marjorie Shilkrut, Mark Shitrit, Meir and Ruth Shmeltzer, Shlomo and Atalia Shmuelvitz, Yifat Shochat Hannah Shochat, Liora Shomer, Paula Shoval - Engineering and Construction

Shreiber, Rivka and Naftali

Shuarma Hazan (Ford) Ltd.

Sidney Frank Foundation

Silverman, Joel and Nira

Sinai Temple Los Angeles

Shtokman, Israel

Shulman, Gerald

Simon, Harold

Singer, Daphne Sizemore, Marlene E. Skolnick, Alex and Hannah Skolnick. Howard Sloane, Marshall Sminski, Michael Snir. Edward and Ronit Soffer, Shaul and Yehudit Solomon, David and Mary Solomon Schechter Day School of Greater Boston Southend and Westcliff Hebrew Congregation Staransky, Alexander and Klara Stefan Adelipor For Life Foundation Stein. Yonah and Yehuda Storage Leaseholds Inc. Stowe, Marilyn Sultoon, Babette Summers-Kurzer, Beverlie and David Vincent Super-Pharm Ltd. Suppree, Isidore D.L. Swartz, Sosan Tadmor, Ze'ev and Zipora Tal-Mir Electronics Ltd. Talmon, Yehuda Tanner, Harold and Nicki TD Ameritrade Clearing Technion - Israel Institute of Technology Temple Beth Sholom, Roslyn Heights Tenenbaum, Marty and Bonnie Teva Pharmaceutical Industries Ltd. The Azrieli Foundation Canada The Bank Leumi Trust Company Ltd. The David Berg Foundation, Inc. The Doctors' Committee at the Rambam Health Care Campus The Harry and Jeanette Weinberg Foundation, Inc. The Lewis Family Charitable Trust

The Nussia and Andre

Association

Times of Israel

Truct

Aisenstadt Foundation

The Parodontologist Jewish

The Samson Israel Charitable

Toledano, Jacques Torel, Albert Tramiel, Sam and Tzipora Trau, Solomon and Beryl Troy, Gil Truman, Carole Tsitvat. Dalva Tzuckerman, Dina and Meir United Synagogue Youth Variety Israel Verboy, Hazel and Julian Vigdor, Eliyahu Edgar Villar International Ltd. Vineyards Charity by the Organization Association of Winograd Visner, Tova Wasser, Walter Wax, Robert and Sara Weinberger, Barry Weisman, Harlan F. Wiesler, Mordechai and Michal Wilsker, Mark Wizner, Eyal and Shira Wizner Family Wolf. Dora Wolff, Habar Woodside Park Synagogue Yad Hanadiv Yahel Foundation in Memory of Yehuda Leon Recanati Yakov. Davidah Yediot Tikshoret Yonah, Sasson and Dorit Yosephberg, Mina Youssef Mir, Paul and Karmela Zafran, Anna Zarco. Robert Zeleznick, Ina and Lowell Zigdon, Hadar Zilberman, Yakov and Dina Zimberg, Morton Zimmerman, Martha Zionist House Inc.

Our apologies if we have omitted your name or erred in the listing. Please let us know so we can be sure to correct any oversight: contactus@rambam. health.qov.il

#### **BOARDS**

#### Rambam Health Care Campus **Board of Trustees**

#### Eitan Wertheimer

Chairman

Udi Angel Joseph Ciechanover Zvi Eisikovits Moti Fishman Levy Gerzberg Dani Goldman Sari Gredinger

Peretz Lavie Eval Ofer Idan Ofer Ruth Rappaport Irit Rappaport Moshe Revach Ariela Wertheimer

Yona Yahav

#### Scientific **Advisory Board**

#### Professor Howard (Chaim) Cedar

Chair, Israel

Professor Eugene Braunwald, USA Professor Irun Cohen, Israel Professor Scott Friedman, USA Professor Hedvig Hricak, USA Professor Jacob Sznajder, USA

#### **Professor Aaron Ciechanover**

Chair Emeritus, Israel

of Rambam **Board of Directors** 

of Rambam

**French Friends** of Rambam **Board of Directors**  Friends of Rambam in India **Board of Directors**  Israeli Friends of Rambam **Board of Directors** 

Professor Yehuda

Moshe Gan Zvi

Vice Chairman

Judith Asnin

Uri Yanovski

Legal Advisor

Samuel Frei

Treasurer

Coordinator

Hayuth

Chairman

Adam O. Emmerich

Harvey M. Krueger

David A. Sterling

Michele Segelnick Executive Director

Yair Kagan

**Emeritus** 

Meri Barer

Relly Dibner

Alan Forman

Levy Gerzberg

Frances R. Katz

Jami Rubin

Alan C. Mendelson

Jesse M. Schwartz Jonathan Sohnis

Aaron D. Spencer Irma Spencer

Secretary and Treasurer

Executive Vice President

George A. Feldenkreis

Vice President

President

President

Kerry Auriat

Earl Gorman

Ron Kalifer

Diane Wilson

**British Friends** 

**Board of Directors** 

Anita Alexander-Passe

of Rambam

Director

Patron

Chief Rabbi

**Ephraim Mirvis** 

Marilyn Gotfrid

David Green

Kelly Wright Administrative Assistant

Treasurer

Dr. Yvan Coscas

**Spanish Friends** 

**Board of Directors** 

Robert Stern

President

Vice President

Mercedes Navares

Secretary

Sánchez

Viorica Stern

Treasurer

Isabel Sánchez Martín

Rajen Pravinchandra

Shah

President

Narendra

Prakashchand Bansal

Vice President

Ralphy Ezekiel Jhirad

Co-Chair &

Secretary General

Yael Jhirad

Co-Chair and Treasurer

Shilpa Shah

Professor Lael-Anson Best

Gila Tzlik

Rachel Shapira Vered Avitan

# **American Friends**

Yehuda Hayuth

# **Canadian Friends**

# **Board of Directors**

#### Joelle Abitbol President

#### Yaelle Gamon Taieb

#### Annie Bourgeat Wax

# of Rambam

#### Manuel Jambrina Hernández

### Calvo

Samuel Jambrina

León Bendayan

#### **LEADERSHIP**







Shimon Reisner, MD
Deputy Director

**Karl Skorecki, MD**Director, Medical and Research Development

Esther Golan, PhD
 until 31.5.15 - Chief Operating Officer
 from 1.6.15 - Managing Director of International
 Relations and Chief of Strategic Development







Nissim Haim, LLM until 31.5.15 - Director, Division of Human Resources and Division of Logistics and Operations from 1.6.15 - Chief Operating Officer

Michael Halberthal, MD
Deputy Director

Hanna Admi, RN, PhD until 31.7.15 - Director of Nursing

**Gila Hyams RN, MA** 8.15 - Director of Nursing

Amos Etzioni, MD
Deputy Director Pediatric Medicine

Michael Aviram, DSc
Director, Clinical Research
Institute at Pambam (CDIP)

**Ehud Klein, MD**Director, Division of Research

**Ora Israel, MD**Director, Nuclear Medicine





Ronit Segal Hirshberg, PhD





Ariye Berkoviz, MA



Leon Levi, MD



**Nora Libes Shnaid** BSc, MBA





**Ziv Sharon MA** 



Avi Weissman, MD

Michal Mekel, MD



**Oded Mayer BA** 





Lior Lowenstein, MD



Fuad Basis, MD



Zahava Talmor, MA

**David Ratner MA** 



Talia Berman-Kishony, Adv



#### **NEW APPOINTMENTS 2015**



Rambam HCC Director, Prof. Rafi Beyar greets newly appointed directors:

l-r: Nissim Haim, LLM, Chief Operating Officer Ran Kremer, MD, Director, Department of Chest Surgery Gila Hyams, RN, MA, Director of Nursing Lior Gepstein, MD, PhD, Director, Department of Cardiology Rafi Beyar, MD, DSc, Director, Rambam HCC Gilad Amiel, MD, Director, Department of Urology Aziz Darawsha, MD, Director, Department of Emergency Medicine

#### The Atidim (Futures) Research

**Award Program** provides funds to cover research-related time and expenses of the most promising medical residents for their research proposals.

The Ofakim (Horizons) Research Award Program supports promising young clinicians at the beginning of their medical and research careers by covering the expenses related to meritorious research activities.

These and other related programs rely on the philanthropy of individuals and foundations who want to leave their mark on future generations through medical advancements facilitated by biomedical and clinical research.



#### 2015 Atidim / Ofakim Research Awardees

#### The Edna & Jonathan Sohnis Clinical Scientific Atidim Research Award

Michael Mimouni, MD

Department of Ophthalmology

# The Rambam Atidim (Futures) Award

Yael Morgenstern, MD, PhD

Department of Internal Medicine B

# The Rambam Ofakim (Horizons) Award

Miry Blich, MD

Department of Cardiology

Amit Lehavi, MD

Department of Anesthesiology

Tova Hershkovitz, MD

Genetics Institute

# 2015 Rambam Award

Mr. Shimon Peres

Rabbi Lord Jonathan Sacks

Mr. Eyal Ofer

Ms. Mariita and Mr. George Feldenkreis

Professor Mary-Claire King

The Rambam Award honors individuals of extraordinary vision whose major contributions to medicine, technology and humanity are improving the wellbeing of countless individuals in Israel and around the world

#### **PREVIOUS RECIPIENTS**

#### 2014

Mrs. Herta and Mr. Paul Amir Ms. Relly and Mr. Brent Dibner Professor Howard (Chaim) Cedar Mr. Yona Yahav

#### 2013

Mr. David Green
Dr. Sol J. Barer and Mrs. Meri Barer

#### 2012

Professor Richard L. Popp Rabbi Yechiel Eckstein Ms. Joan H. and Mr. Sanford I. Weill

#### 2011

Mr. Harvey Krueger

Mrs. Gila Almagor Agmon
Mr. Nochi Dankner
Dr. Donna E. Shalala
The Hon. Mrs. Laura Wolfson Townsley
Mr. Joseph Fishman of blessed
memory / The Fishman Family

#### 2010

Mrs. Ruth Rappaport
Mr. Sammy Ofer of blessed memory
Rabbi Elimelech Firer
Professor Moshe Revach

#### COMMITTEE

#### Professor Rafi Beyar

Director and CEO, Rambam HCC

#### Professor Karl Skorecki

Director of Medical and Research Development, Rambam HCC

#### **Professor Yehuda Hayuth**

Chairman, Israeli Friends
of Rambam









#### **AWARDS FOR SCIENTIFIC ACHIEVEMENT**

For the third consecutive year, Rambam has administered two newly established, prestigious nationwide medical research programs providing generous competitive research grants.

#### The Youdim Family Prize for Excellence in Cancer Research

The Youdim Family Prize for Excellence in Cancer Research has been established by Technion Professor Emeritus Moussa Youdim, to support cancer research exemplified by excellence, novelty, and/or scientific breakthroughs.

#### 2015 Awardee

#### Benjamin Dekel, MD, PhD

Director of Pediatric Nephrology and Head of the Pediatric Stem Cell Research Institute, Edmond and Lily Children's Hospital, Chaim Sheba Medical Center and Associate Professor of Pediatrics, Human Genetics and Cellular Biochemistry at the Sackler School of Medicine, Tel Aviv University

#### The Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine

The Ernest and Bonnie
Beutler Research
Program of Excellence
in Genomic Medicine
was established by
Bonnie Beutler to honor
the memory and work of her late husband,
Dr. Ernest Beutler. This program supports
high level genomic research projects of
Israeli investigators.



#### Ido Amit, PhD

Principal Investigator, Amit Lab for
Immunogenomics, Department of Immunology,
Weizmann Institute of Science
Research title: Uncovering Principles and
Mechanisms of Blood Development using
Massively Parallel Single Cell RNA-seq

#### Yair Reisner, PhD

Head, Department of Immunology, Weizmann Institute of Science
Research title: Transplantation as a Novel
Source for Lung Regeneration: The Analogy
between Bone Marrow and Lung Progenitors
and Their Respective Niches

#### **FUNDING AGENCY**

# Effective Health Care Research Consortium (EHCRC)

Professor Michal Paul Infectious Diseases Unit

#### **European Commission**

Professor Michal Paul Infectious Diseases Unit

#### European Society of Clinical Microbiology and Infectious Diseases (ESCMID)

Professor Michal Paul Infectious Diseases Unit

#### Israel Cancer Association (ICA)

Professor Tsila Zuckerman Hematology and Bone Marrow Transplantation Section

#### Professor Daniel Kurnik Clinical Pharmacology Unit

Dr. Ruth Perets
Division of Oncology

Dr. Dov Hershkovitz Pathology Institute

#### Israel Cancer Research Fund (ICRF)

Professor Tsila Zuckerman Hematology and Bone Marrow Transplantation Section

Dr. Ruth Perets
Division of Oncology

# **Israel Pain Association**Professor Elon Eisenberg Pain Relief Unit

#### Israel Science Foundation (ISF)

Professor Ziv Gil

Department of Otolaryngology Head and Neck Surgery

#### Professor Yona Nadir

Hematology and Bone Marrow Transplantation Section

Dr. Sara Selig Nephrology Institute

# **Dr. Igal Louria-Hayon**Hematology and Bone Marrow Transplantation Section

Dr. Oren Caspi Division of Cardiology

#### **Ministry of Economy**

Professor Dorit Ben-Shachar Division of Psychiatry

#### Dr. Jacob Cohen

Department of Otolaryngology Head and Neck Surgery

#### Professor Yedidia Bentur Clinical Pharmacology Unit & Dr. Edna Efrati

#### Ministry of Science, Technology & Space (MOST)

Professor Michal Paul Infectious Diseases Unit

#### The Fifth Israely multi-diciplinary Conference on Lung Cancer

Dr. Dov Hershkovitz Pathology Institute

# The Israel National Institute for Health Policy Research (NIHP)

Professor Michal Paul Infectious Diseases Unit

# The Israeli Association for Hematology and Blood Transfusion

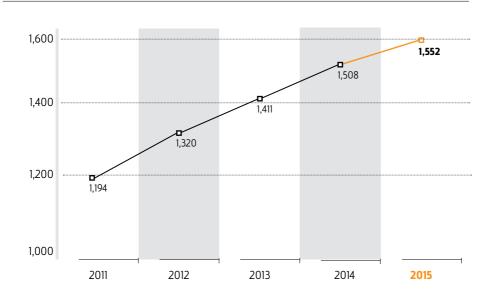
Dr. Noa Lavi Hematology and Bone Marrow Transplantation Section

# **Yad Hanadiv Foundation**Professor Gil Barsela Division of Oncology

#### **STATEMENT OF ACTIVITIES** (in millions of shekels)

	2015	2014
INCOME:		
Medical services rendered	1,459	1,441
Donations	39	19
Research projects	39	33
Other	15	15
	1,552	1,508
ALLOCATIONS:		
Building, construction and renovation	52	94
Medical equipment	22	32
Computerized equipment	3	5
Other equipment and supplies	7	4
	84	135
EXPENSES:		
Salaries	1,042	999
Medical and technical equipment	220	192
Maintenance	73	77
Operating expenses	180	161
General administrative expenses	77	86
	1,592	1,515
Full reports are available upon request.		

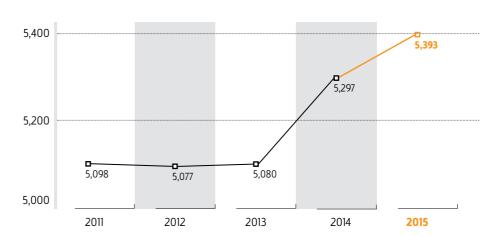
#### **INCOME 2011-2015** (in millions of shekels)



#### **PATIENT CARE**

	2015	2014
Annual admissions	91,025	86,178
Total patient days	352,627	350,526
Emergency department visits	135,005	127,404
Outpatient visits	687,750	662,451
Total patients treated	252,236	245, 319
Imaging procedures	267,974	264,961
Laboratory exams	12,458,158	12,549,878
Surgical procedures	55,359	52,762
Deliveries	5,393	5,297
Average occupancy	96%	95%

# NUMBER OF DELIVERIES 2011-2015

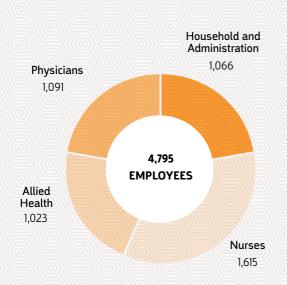


#### **RESEARCH**

	2015	2014
New research	442	367
Active research	1,473	1,373

#### **EMPLOYEES AND CAPACITY**

#### **EMPLOYEES BY SECTOR**



#### **OVERALL CAPACITY**

Hospital beds	960	
<ul> <li>Medical institutes</li> </ul>	39	
<ul><li>Inpatient wards</li></ul>	61	
Specialization units	76	
Outpatient clinics	113	



www.rambam.org.il

#### © 2016 Rambam Health Care Campus

Published by the Department of International Relations & Resource Development

#### Rambam Health Care Campus

P.O.B. 9602 Haifa 3109601, Israel Tel. +972 (4) 777-2919 contactus@rambam.health.gov.il www.rambam.org.il

#### **Editorial Board**

#### Professor Tzvi Dwolatzky Chief Medical Consultant

#### Oded Mayer

Director of Marketing

#### Abbie Rosner Writer & Editor

Meray Ganot

Coordinator

Tamar Alfassi Larisa Halif Deborah Hemstreet Dganit Kenig Ellen Pomerantz David Ratner Inbar Shahaf Shifra Steindler

#### Design

CastroNawy

#### **Photography**

Miki and Gal Koren

Netanel Ayzik Morag Betan Pioter Fliter Ofer Golan Shalev Man Yossi Masa Oren Shahar Eran Yardeni

Ben Yuster

Nitzan Zohar

#### American Friends of Rambam

www.aforam.org info@aforam.org (212) 292-4499

#### Canadian Friends of Rambam

www.cfram.ca info@cfram.ca (416) 481-5552

#### **British Friends** of Rambam (Rambam UK)

www.rambamuk.co.uk support@rambamuk.co.uk (208) 343-8749

#### French Friends of Rambam

joelleabitbol16@gmail.com (33) 7 82 53 71 10

#### Spanish Friends of Rambam

www.amigosderambam.org info@amigosderambam.org (609) 580-268

#### Friends of Rambam in India

ralphy44@gmail.com (98) 191-113-40

#### Israeli Friends of Rambam

www.rambam.org.il y\_aquda@rambam.health.gov.il (04) 852-0670

#### **Israel Main Office** & All Other Countries

www.rambam.org.il ContactUs@rambam.health.gov.il +972 (4) 777-2919

Printed in Israel on environmentallyfriendly, recycled paper.





