



I am living a
#sharedlife

Cover photo: Guy Dayan, four years old,
completed cancer therapy two months ago



2017

ANNUAL REPORT

Bone Marrow Donor Registry
and Cancer Support Services

CIRCLES OF DEDICATION

“After my recovery, I promised myself that I wouldn’t leave the Ezer Mizion family. It gives me tremendous satisfaction to do this kind of work. I’ll always be there for cancer patients.”

As a teenager, Yisrael Chazan was stricken with cancer and found himself on Ezer Mizion’s receiving end. When he recovered, Chazan chose to devote his life to supporting cancer patients through Ezer Mizion. He kept his promise for two decades with supreme dedication. In 2017, following a relapse, Yisrael passed away at age 38, leaving behind his wife, three children, parents and siblings, and many friends in the community and at Ezer Mizion. Yisrael’s remarkable commitment to give of himself, his smile and his warm heart are engraved in our hearts forever. ת.נ.צ.ב.ה.



Yisrael
Chazan ז”ל,
keeping his
promise with
supreme
dedication.



Li'el Chaim Boris, 5 years old. Recovering from Lymphoma and glad to be back home with his siblings.

CIRCLES OF OUR LIVES



Chananya Chollak
International Chairman

Each one of us is an entire world, enclosed in circles of family, friends, career and hobbies. For some that circle shatters in a blink, with joy giving way to anxiety, fear overshadowing hope, security clouded by uncertainty, all precipitated by a health crisis or diagnosis.

Ezer Mizion is here for patients and their families, surrounding them with circles of empowerment, providing support and relief.

Ezer Mizion's circle of giving goes so far, all the way to truly making the difference between life and death. Ezer Mizion's bone marrow registry is a circle of life, ensuring the continuity of the entire Jewish people.

The world is a circle constantly revolving and rotating. This is a metaphor for life itself: that what goes around, comes around; that our lives are intertwined and connected in so many different ways. We all actually live "shared lives".

Here at Ezer Mizion we constantly see that when we give to others, we are ultimately the biggest receivers. When we give to others we are really giving to ourselves! It's that added dimension of "shared life" that patients, stem cell donors, registry members, and sponsors who are connected to Ezer Mizion experience. Shared life enriches and gives profound meaning to all facets of our existence.

May you be privileged and blessed to be part of this amazing giving circle as you too live a shared life!



Dr. Bracha Zisser
Director, Bone Marrow Registry and Cancer Support Services



Sarel Barel, 17 years old, completed treatment for Sarcoma at the end of 2017 with an Ezer Mizion volunteer.

2017

ACHIEVEMENTS

850,000

REGISTRY MEMBERS MILESTONE CROSSED

56,091

NEW MEMBERS JOINED THE REGISTRY

51,244

OF THEM IDF RECRUITS

2,500

TRANSPLANTS MILESTONE CROSSED

1,608

COMPLETE DONOR-PATIENT MATCHES MADE

341

LIFESAVING TRANSPLANTS

6.8

TRANSPLANTS PER WEEK



Nineteen year old cancer patient, Or Attia from Petach Tikvah. "My life suddenly stopped."



Jonathan Rosenblatt, twelve and a half years old from Kibbutz Shamir

REGISTRY SNAPSHOT

World's largest Jewish bone marrow registry serving all patients everywhere

6th largest registry globally

Collaborating with transplant centers in 47 countries

32.2 donor-patient matches made each week

28.4 average transplants per month

470,038 registry members are IDF recruits

885,264 members in our registry

TOTAL
TRANSPLANTS
SINCE INCEPTION

ARGENTINA	12	LITHUANIA	4
AUSTRALIA	13	NETHERLANDS	13
AUSTRIA	15	NEW ZEALAND	4
BELGIUM	16	NORWAY	2
BRAZIL	9	POLAND	34
BULGARIA	1	PORTUGAL	3
CANADA	43	ROMANIA	4
CROATIA	1	RUSSIA	15
CZECH REPUBLIC	26	SERBIA	2
DENMARK	6	SINGAPORE	2
FINLAND	3	SLOVAKIA	3
FRANCE	110	SLOVENIA	2
GERMANY	199	SOUTH AFRICA	6
GREECE	17	SPAIN	89
HONG KONG	1	SWEDEN	20
HUNGARY	16	SWITZERLAND	27
INDIA	1	TURKEY	40
IRELAND	2	UK	71
ISRAEL	1,183	URUGUAY	1
ITALY	283	USA	392
TOTAL:		2,691	

341 lifesaving
transplants

were performed in 2017,
35% of them in Israel and
65% of them in countries
throughout the world.

Canada 7
USA 56
Argentina.....3
Europe.....149
Turkey5
Israel121

OVERVIEW

Every year, thousands of patients all over the world are diagnosed with cancer and other life-threatening diseases. For many, a stem cell transplant is their only hope. Will they find a matching donor? Will they be well enough until then to receive the life-saving transplant?

About 70 percent of patients in need of a transplant do not have a matching donor in their family. They depend on bone marrow registries such as Ezer Mizion to match them with an unrelated donor and facilitate a transplant.

These patients' transplant teams will seek a donor in Bone Marrow Donors Worldwide (BMDW), where there are over 32 million unrelated donors listed from registries around the world.

As an underrepresented ethnicity, Jewish patients have very slim chances of finding a match in global registries. That is why Ezer Mizion established its registry.

Ezer Mizion serves any and every patient that comes our way, with a primary focus of providing for the needs of Jewish patients everywhere.

With the top international accreditation standards of WMDA (World Marrow Donor Association) and affiliation with NMDP (National Marrow Donor Pool, USA), Ezer Mizion operates on the highest international standards. Today Ezer Mizion collaborates with transplant centers in close to 50 countries. By the end of 2017 we matched over 12,000 patients with stem cell donors and facilitated more than 2,700 lifesaving transplants.



IDF & EZER MIZION LIFESAVING PARTNERSHIP

In 2005 the Israel Defense Forces aligned itself with Ezer Mizion, signing a landmark agreement which enables every recruit to join the registry as part of their army induction. This collaboration constantly infuses the registry with young, healthy recruits of varied ethnic groups, greatly expediting DNA matches for many cancer patients around the world.

In 2017,
Ezer Mizion facilitated

341
Bone Marrow Transplants,

291
from IDF recruits.

Of the 56,091 new registrants in 2017,

4,847
were from civilians

51,244
were IDF recruits

15%
of the transplants in 2017 were
from registry members who had
joined as civilians.

85%
of the transplants were from registry
members who joined the registry upon
their induction into the IDF.



First time meeting between IDF soldier Oded Zand and 5 year old Ivan Woloktyok, whose life Zand saved with a stem cell donation. When he joined the registry, Zand's lab testing was sponsored by Boeing Corporation. Ivan is one of the eight patients that the Boeing Donor Pool has saved so far.

we are living a
**SHARED
LIFE**

Introducing #SharedLife by Ezer Mizion,
launching at Aipac 2018

About every 3 minutes, someone in the world is diagnosed with a form of blood cancer. Join our movement in helping people live a #SharedLife.

REACHING OUR GOALS

- Growing the registry with new members
- Enriching the registry with broader representation of all underrepresented ethnic minorities and genetic combinations
- Upgrading strategies and performance while adhering to strict international standards
- Pursuing research and collaborations that increase efficiency and effectiveness
- Assisting cancer patients and their families with their emotional and functional needs as they struggle with life threatening illness

Ezer Mizion is committed to the continued growth of the Registry by recruiting more IDF soldiers who are a young, healthy and preferred stem cell population. We also make efforts to provide for the lack of stem cell donors among populations that are underrepresented in registries around the globe by focusing on selective recruitment of donors for patients from these communities. We therefore constantly hone our skills and techniques in order to raise public awareness, foster commitment, and thus better reach and encourage people to join the registry effort.

Sahar, two and half years old and already a cancer patient, giving his father a kiss in the Pediatric Oncology Unit at Schneider Children's Medical Center.



CIRCLES OF RECOGNITION

IN March 2017, Ezer Mizion was certified as meeting the International ISO 271001/27799 standard which is required by Israel's Ministry of Health from all certified medical establishments (hospitals, clinics, medical centers, etc.) as well as providers who have access to medical information throughout Israel. This certification includes standards for information security, as well as special requirements for medical data.

Meeting the standards meant setting and enforcing policy and work procedures in many areas, including the field of digital data security (computer systems, databases, etc.) as well as physical data storage (safeguarding documents containing sensitive or private information, etc.), with particular attention to the accessibility, accuracy, and confidentiality of data. The standard also requires periodic review of work procedures and systems in all sites and aspects of the organization's various branches and divisions.

Ezer Mizion is Israel's first non-profit organization (that is not a medical establishment) to meet these standards and receive this certification.



Moti Zisser z"l

CIRCLES OF COMMEMORATION

2017 marked Moti Zisser's z"l first yahrzeit.

Moti was a man of chessed and a true, precious partner in Ezer Mizion's journey. He had a broad and loving heart and was totally dedicated to giving, both to the individual and the community. Moti's life work – together with his devoted wife Dr. Bracha – was the establishment of Ezer Mizion's International Bone Marrow Donor Registry and its Oranit cancer patient guest home. Dr. Zisser carries on his vision, growing the registry and giving help and support to anyone needing the services of Oranit.



Uriah Avrahami z"l

URIAH Avrahami, the star of Ezer Mizion's last 2017 fundraising campaign, passed away. Uriah z"l, with his irresistible smile, managed to get all the people at the campaign photography set rolling with laughter. Together with his mother, Ana'el, he radiated so much charm, joy and love of life that it was contagious.

The day after the campaign photo shoot, Uriah's family got the difficult news that the cancer had returned, and so much more aggressively this time. With exceptional altruism, Uriah's parents chose to continue as planned and enable Uriah to participate in the campaign, for the sake of other patients that could still be saved. In his short life, through his central part in the campaign, Uriah was and will yet be instrumental in saving the lives of many patients. This rare merit will remain his forever.



CIRCLES OF COMMUNITY

Nora Stamker, a member of the Indian community, was diagnosed with a serious blood disease and needed a bone marrow donation in order to survive.

Due to the dearth of people of Indian extraction in the registry, a matching donor was not found for her there or anywhere else in the world. Ezer Mizion ran a campaign, calling on people of Indian background to give a saliva sample that could be used for tissue typing. The campaign was intended to expand the pool of donors from the Indian community for Nora and for other patients, as well.

Former soccer star, Ofer Talkar, rallied to the cause. "I couldn't ignore a plea for help in finding a bone marrow donor for a member of my own community. I am proud to be of Indian origin. This is our opportunity to show our solidarity and join this lifesaving project."



הודי או קוצ'יני? אתה יכול להציל אותה!

נורה סטמקר, בת 66 ממחצית הודי, חולה ב-MDS, וזקוקה בדחיפות לתרומת מח עצם שתציל את חייה. אחנו יוצאי הודו בקרב התורמים במאגר הלאומי אפסי. בואו להצטרף ולהציל חיים!

מבצע התרמת מח עצם ליוצאי העדה הודית

אם אתם יוצאי הודו, בני 18-45, בריאים ומתקנים ושלום לארגונים חסרי מח עצם אתם יכולים להציל את פיה עוד חולים רבים ואחיינים סמוכם

יום שלישי, 25.7.2017, בין השעות: 17:00-21:00 מסעדת "מהרג'ה", שד' הרצל 87, רמלה

מגיעים ונותנים דגימת רוק פשוטה!

עזר מציון
המאגר הלאומי לתורמי מח עצם
2017/2 ימים



Attorney Morial Matalon at his first time meeting with Avi Cohen, the stem cell donor who saved his life.

CIRCLES OF GIVING

Attorney Morial Matalon first learned about Ezer Mizion about eight years ago, when his friends hosted a fundraising dinner for the organization. He never dreamed that - not long afterwards - he would go from being on the giving side to the receiving end.

Two and a half years ago, Matalon was diagnosed with acute lymphoma and was told that he urgently needed a stem cell transplant. "We turned to Ezer Mizion, wavering between optimism and despair, in the hope that a stem cell donor would be found for me," he recalls.

As the search was on, Matalon and his wife Anat decided to open a personalized donor pool on their name, firm in their faith that "Charity saves from death." Less than two weeks after doing this, a matching stem cell donor was found for him. The transplant was a success and Attorney Matalon recovered.

But that's not the end of the story.

Some time later, Matalon returned to the hospital, this time to accompany his nephew, Matan Tzur, who was found to be a match, to donate stem cells to a different patient. Tzur had joined the Registry upon his induction to the IDF.

Matalon sees this event as no less than the closing of a personal circle. "It's a feeling of mutual responsibility. One time you're on the receiving end, and the next time, you're on the giving end. Supporting Ezer Mizion's registry was, for me, redeeming a moral debt."



Dudu Saada,
executive director
of the Besheva
Media Group



Anpi father and
son: father, after
receiving a kidney
transplant, and
son, after donating
his stem cells.

CIRCLES OF GIVING

Ten years ago, Dudu Saada, a media personality in Israel, was stricken with brain cancer. With Ezer Mizion's help, he underwent surgery in France. His life was saved thanks to the quick and dedicated care.

Saada and his wife Chagit later opened a personalized donor pool in their name at the registry. "It was a very large sum, but I felt that what Ezer Mizion had given me through the years was much more than that," says Saada. Only three months after their personalized donor pool was opened, they were informed that a complete match and a lifesaving transplant had been done from their donor pool.

"I really admire the Ezer Mizion staff and volunteers," says Saada. "They are constantly brushing with death, but in spite of this, they have the strength to envelop every patient with love. It's a huge chessed. I also like the fact that the organization is for the entire Jewish people and has engraved on its banner the value of mutual responsibility. They don't examine who you are, what you look like, what sector you come from. They just ask what you need and are at your service."

What are the chances that while a father receives a donation, his son will donate to someone else? For years, Shai Anpi suffered from a number of medical issues. He was confined to a wheelchair with "100% disabled" legal status. When his medical condition deteriorated, the doctors told him that he needed a kidney transplant. "A few days later, I got a call to come urgently to Rabin Medical Center, because a kidney donor had been found for me. I got the chills all over," he relates.

A few days after Anpi's release from the hospital, the phone rang again. On the line was an Ezer Mizion representative, who informed Anpi's son that he was found to be a match to donate stem cells to someone he didn't know and to thereby save his life. "I can't remember the last time I cried – but when my son announced that he was willing to save a life, my tears just didn't stop," the proud father declared.



Elyashiv Themans z"l, in whose memory his parents, Avi and Orna Themans have established the Elyashiv Themans Donor Pool at Ezer Mizion's registry.

FAMILY CIRCLES

For years, Rivka Friedman has served as the Ezer Mizion social services liaison at Rabin Medical Center. She escorts oncology patients at their most difficult hours and gives them support and hope. Her son, Ohad, was found to be a match for a stem cell transplant and he gave life to a patient who needed it. When her husband, Attorney Itzik Friedman, heard about the suffering of cancer patients and the need to expand the registry, he could not stand idly by. Itzik and Rivka made a sizable donation and opened a personalized donor pool in the registry. Now the entire family is involved with Ezer Mizion benefitting people in their time of need.

For years, Ziv Zimmerman had volunteered for Ezer Mizion. After his passing, his daughter, Nirit Tourjeman, planned to memorialize him with the donation of a sefer Torah to a bet kneset. After participating in a "Communities on behalf of Ezer Mizion" event, she - together with her husband Roniel - decided to donate a personalized donor pool in his memory. But the circle of giving did not end with that.

The Tourjeman - Zimmerman story appeared in Ezer Mizion's Annual Summary bulletin. Avi and Orna Themans, from Dolev, read the story, were excited by it, and decided to sponsor a donor pool on the name of their son, Elyashiv, who had been killed in an ATV accident at the young age of 19. "Elyashiv didn't leave children after him," say his parents. "A donor pool in his name is an opportunity to give others life in his memory. The people saved from his pool will be his posterity."



Prof. Gideon Katz and his son Itamar both donating stem cells to two different patients. Ezer Mizion registry's first father-son pair.



Natalie Gantz and her family of givers.

FAMILY CIRCLES

At first for Ezer Mizion's registry: A father and his son both donated stem cells to save lives. Itamar Katz joined the Ezer Mizion Registry when he enlisted in the army and was found to be a match to save a patient's life. "At first, I was a little nervous about the procedure itself, but in the end, I decided that I'm doing it," he says. "Saving a life is the most important thing there is. The donation process itself is a bit draining, but when compared to the significance of the donation - it's really nothing."

Four months later, Itamar's father, Prof. Gideon Katz (56), head of the State of Israel Studies department at Ben Gurion University in Beersheba, also donated stem cells, after he was found to be a good match to donate and save the life of a sick woman. This is the first time in the history of our registry that a father and son were found to be suitable to donate. The Katz father and son are proud of this fact. Itamar: "It's beautiful. Whoever can donate, should donate." Gideon: "Thank G-d that we were privileged to save lives. That's the most important thing."

Once a week, for more than a decade, Natalie Gantz sets aside all of her duties and reports to the IDF Induction Base, where she mans the Ezer Mizion station as a volunteer. Once a week, Natalie comes to take cheek swabs from IDF recruits, to be used for lab testing. Four years ago, when her son Noam enlisted, Natalie naturally signed him up too to Ezer Mizion's registry.

This year, a circle was closed, when Noam was found to be a match to donate stem cells and save the life of a leukemia patient. Noam: "When they told me that I was a match for a patient, I was thrilled. I counted the minutes until I could donate. There is nothing more exciting than saving a life. In the army, you're busy protecting lives of citizens, and here, you're actively saving a life. It's a dream to save someone else's life!"

In addition to Natalie and Noam, Bat-Zion – the younger sister in the family – is also connected to Ezer Mizion: volunteering at Oranit, Ezer Mizion guest home for cancer patients.



Gavriel Liebel
meeting Aharon
Kassin, the IDF
soldier who saved his
life, for the first time.

CIRCLES OF SHARING

Aharon Kassin, from New York, came on Aliyah in order to contribute to the Jewish People. He didn't know that he would have the privilege of doing a double donation. Kassin enlisted in the IDF's elite Golani Brigade, and in the middle of his basic training, he got a phone call: "They called me from Ezer Mizion and said that I'd been found to be a match for donating stem cells and that the patient was in very serious condition," he recalls. "I didn't hesitate for a moment, because my goal was to help the Jewish nation."

Although Kassin did not know at the time, the recipient of the donation was Gavriel Liebel, a former high-ranking IDF staff member who had been involved in strategic projects. Liebel had been diagnosed with leukemia and his doctors made it clear that only a stem cell transplant could save him. A year after the transplant, the two met and Liebel thanked the soldier who had saved his life. "At the meeting, all the feelings bottled up inside of me burst forth. There were so many ups and downs and there were moments of crisis. But today, we are all one family."



Major Lior meeting Aryeh Eisenman.
“Thanks to you my two little children have a father!”



CIRCLES OF SHARING

Right in the middle of life, squadron office Major Lior was diagnosed with leukemia. The tall, strapping officer with the commanding tone turned into a broken man, as he went through grueling treatments. Then he was told that he must undergo a stem cell transplant. A year after the transplant, he met the man who'd saved his life – Aryeh Eisenman. “Until today, you were a bag of blood to me. Now you have a face and a body and a voice,” Lior told him. Rotem, Lior’s wife, couldn’t hold back the tears. “You are the one responsible for my two little children, having a father. It’s thanks to you!”



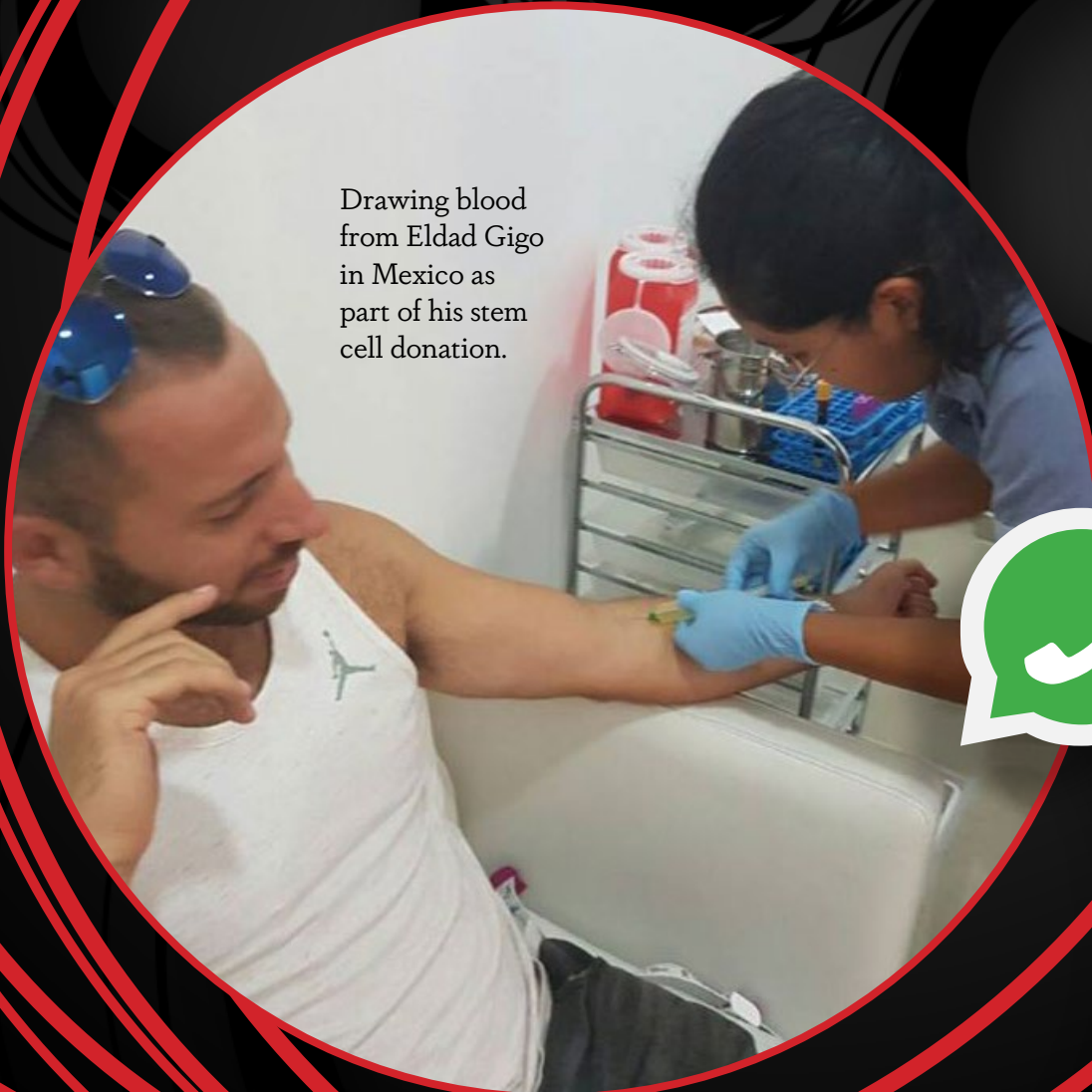
Dagan and Avital:
“I didn’t have a moment’s doubt!”

At age 29, Eran Dagan was enjoying life. He was a DJ and owned a club in his city, and enjoyed every minute. The day after he returned to Israel from the Rial Madrid game, Eran felt sick. He started sweating at night and even lost consciousness. At the hospital, they discovered that he had leukemia and only a stem cell transplant could save his life. Thanks to Orel Avital, who had joined Ezer Mizion’s registry, his life was saved. “I didn’t have a moment’s doubt,” Avital says. “The main thing was to help someone and save his life.” Dagan: “He saved my life and was in my thoughts all the time. He saved me, and I’ll never forget it. Now he’s like my brother. He had a great privilege.”

Emma Mizrachi, Denmark.
Saving lives around the world.



Drawing blood
from Eldad Gigo
in Mexico as
part of his stem
cell donation.



LINKED TO LIFE CIRCLES

“We will help out anyone who needs our services, even if that means going to the other end of the world,” declared Dr. Bracha Zisser, Director of Ezer Mizion’s registry. “I want to thank the Linked to Life volunteers, whose wonderful dedication and caring models the supreme value of mutual responsibility, Ezer Mizion’s guiding value.”

DESTINATION DENMARK

Emma Mizrachi, was born in Israel, but lived most of her life in Copenhagen. At age 18, she came to Israel to serve in the IDF. Like most new recruits, as part of her induction, Mizrachi joined Ezer Mizion’s registry. After Emma had returned to Denmark and begun her studies in university, she was found to be a match to donate stem cells to an Israeli with cancer. In order to continue the procedure, Mizrachi had to undergo a vital blood test to confirm the degree of her compatibility with the patient. That’s where Ezer Mizion’s Linked to Life team stepped in. Linked to Life is Ezer Mizion’s volunteer channel comprised of hundreds of Whatsapp groups and thousands of volunteers. A local Linked to Life volunteer in Denmark accompanied Mizrachi to the local clinic, where a blood sample was taken from her. He then delivered the samples to a passenger who was flying to Israel. There, a Linked to Life volunteer was waiting to deliver the samples to the lab. “I really hope that the tests will come out all right and I’ll be able to donate. I want to help out,” Mizrachi said.

DESTINATION MEXICO

Eldad Gigo joined Ezer Mizion’s registry when he enlisted in the IDF. After he’d done his stint in the army, he traveled to Mexico, like many other young people, and stayed on the island of Kozumel near the Cancún vacation mecca, a popular destination for Israeli tourists. While he was in Mexico, he was found to be a good match to save the life of a cancer patient.

In order to continue the procedure, he had to undergo a vital blood test to confirm the degree of the donor-patient compatibility. That’s when Ezer Mizion Linked to Life volunteers got into the picture.

Meir Quinn, head of the volunteer network, linked up to a local volunteer and a sample was taken at a nearby clinic. Now the sample had to be delivered to Israel ASAP. With the help of Linked to Life, a local passenger who was flying to New York was found. El Al representatives in the US pitched in to get the samples from there to Israel, where they were delivered to Ezer Mizion.

Ezer Mizion's impressive Haifa branch, serving the entire Northern Israel region.



At the Haifa branch dedication (R. to L.): Rabbi Chanaya Chollak, Ezer Mizion International Chairman; MK Rabbi Yakov Litzman, Israel's Minister of Health; caring, loyal patrons David, Sara and Eran Farajun.

CIRCLES OF EXPANSION

A major milestone in 2017 was the opening of an Ezer Mizion regional branch in Haifa. The branch was dedicated and sponsored by David and Sara Farajun and their family, in loving memory of their late parents. Haifa is Ezer Mizion's youngest national branch and the only one opened in 2017.

The Farajun family also generously sponsored Ezer Mizion ambulances that provide free transport for people who are bed or wheelchair bound and need to get to doctor appointments, medical care, etc.

In the short period since its establishment, Haifa branch has become the Northern Israel hub of support activities and services for people facing health challenges and especially for cancer patients and their family members that are being treated at Rambam Medical Center in Haifa.



SHUK MACHANEH YEHUDAH VISITS TORONTO

Jelly candies in an array of colors, spices, schwarma, fried donuts, halvah in different flavors – a festival of tastes and aromas welcomed visitors to “Shuk Machaneh Yehudah” in Toronto.

Yes, it’s no mistake. The beloved marketplace came to Toronto, at an Ezer Mizion publicity event to raise awareness about bone marrow donations. Children and adults who came to the “shuk” enjoyed the refreshments, music, and aromas, heard about Ezer Mizion and the registry, and learned about how easy it is to save lives.



Dinner Guest of Honor,
Mr. George Rohr



CELEBRATION OF LIFE

The Celebration of Life Dinner took place at the magnificent Pierre Hotel in NYC with George and Pamela Rohr as Guests of Honor and Ira and Inga Rennert as Honorary Dinner Chairmen.

As an investor, Mr. Rohr's sincere plea and simple logic carried the evening. He implored guests to seize the opportunity that was presented to them by partnering with Ezer Mizion's registry.

"As business people, we search for investment prospects. We analyze balance sheets for investment returns. It is the return on investment that motivates us to invest. And what better ROI is there than a human life? A human life has infinite value. Saving a life means saving a family and saving future generations. In my book, that's a mighty good investment."

The dinner guests responded warmly and generously, joining the circles of sponsors who fund lab testing for IDF recruits when they join the registry, with the clear goal of saving more lives.



HOLE IN ONE GOLF TOURNAMENT

2017 was marked by four golf tournaments in support of Ezer Mizion's registry: one in Canada, two in New York and one in Caesarea. The tournaments, which have already become a tradition, generate funding in support of the registry and cancer support services. Six years ago, tournament participants established the "Hole in One" registry, thanks to which 30 lifesaving stem cell transplants have already taken place.

This year, for the first time, a group of beginner golfers with cancer joined other novices and took part in the Caesarea tournament. The walls of the hospital oncology ward were exchanged for green expanses and fresh air, and the IV poles and monitor beeps were replaced by golf clubs and whistling balls. Among the foursomes, Nimrod Avraham's group won first place in the beginner competition. Nimrod himself had to part with the golfers as soon as the tournament was over and rush to the hospital for a planned treatment appointment, even before the trophy winners were announced. His award ceremony took place the next day at Sheba Hospital where Chananya Chollak, Ezer Mizion International Chairman, presented Nimrod with the trophy and wished him many healthy, happy years.



CIRCLE OF LIFE

Leo and Bea Kryss of Miami, Florida graciously opened their lovely home for the 'event of the season'. Guests were introduced to the vital need to expand the Registry so that Jews the world over may benefit.

Jacob Adashek, a young, former cancer patient had been told the ominous words: A bone marrow transplant is your only hope to survive. It is essential that a genetic match be found to save your life. Roi, one of the close to a million Ezer Mizion registrants, was that match. Blood brothers now, the two met at the event and the attendees watched as they embraced as only two brothers can.

Ezer Mizion welcomes the Miami Donor Pool into the Ezer Mizion family and hopes to share good news with them soon.



Eight year old cancer patient, Eyal Barel, with an Ezer Mizion volunteer.

ORANIT *is a haven of comfort, caring and cheer, an escape from the world of chemotherapy and aggressive treatments*

Cancer therapy treatments take place in hospitals on an outpatient basis, whenever possible. In Israel, several major children's oncology units are located around the Tel Aviv area. Young cancer patients who live in other parts of the country have to travel hours every day for their outpatient treatments. Children who have to endure the ravages of chemotherapy and radiation are exhausted. They are further debilitated by the hours they spend every day on the road to and from the difficult treatments.

This all changed in 1996, when Ezer Mizion - with the generous assistance of the Bracha & Moti Zisser Foundation, Andrew & Margaret Rosinger, and Israel's National Insurance Institute - opened Oranit, a guest home away from home for cancer patients and their families.

Located in Petach Tikvah, near Israel's major oncology centers, Oranit spares families from exhausting daily trips for brief treatment sessions. These families are referred to Ezer Mizion by doctors, nurses or social workers at hospitals where they are undergoing cancer therapy.

In addition to the 18 spacious and comfortable suites of the Andrew and Margaret Rosinger Residential Wing, Oranit has a dining hall, an auditorium, a synagogue, the Rinat Bakshi Wildlife Pavilion and an extensive program of recreational and emotional therapy activities at its Donald Berman Rehabilitation Center.

In contrast to hospitals and treatment, Oranit is a beautiful, happy place where families can relax and spend quality time together in spite of the health crisis they are undergoing. Ezer Mizion hosting and cancer support services are provided free of charge to the cancer patient and all immediate family members (for pediatric cancer patients: parents and siblings; for adult cancer patients: spouses and children.)



Avraham Jacobovitz, nine years old cancer patient from Zefat, with his mother.

2017 CANCER SUPPORT POPULATION PROFILE

916

Children with cancer

3,248

Children of sick parents

2,309

Cancer patient siblings

2,304

Total number of families with cancer assisted

1,388

Parents with cancer

3,957

Total adults assisted (including cancer patients)

1,486

Parents of children with cancer

6,473

Total children assisted (including cancer patients)

10,430

Number of people assisted in 2017



Cancer aside.
Italy here we come!



CIRCLES OF JOY

After extensive preparations, two groups of cancer patients went on trips to Italy. The trips, one for teenagers and the other for women, enabled the patients to take a break from the difficult treatment routine, enjoy a change of atmosphere, and charge their batteries for their continued battle with the illness.

The staff at Oranit planned the trips meticulously, down to the last detail. The destination chosen was Northern Italy. The groups were escorted by doctors and the extended Oranit therapy staff, providing the participants with everything they needed, from both the medical and therapeutic aspect. Of course, the “provisions” also included medications, mobile medical equipment, and wheelchairs, in case of need. Between Venice and Lake Garda, with blue water and clear skies around them, the patients managed to break away from their hospital routine.

When the trips were over, the excited tourists thanked the staff for “bringing them the moon” with such a perfect dream trip. “Now we can continue our own journeys to a life of health with a lot more energy!” one of the patients summed up emotionally.



Five and a half year of Shir Hallel from Beit Sheán and her family, enjoying Ezer Mizion summer camp with one of the energetic summer camp volunteers.

SUMMER CAMP CIRCLES

Noga Klinger, cancer mom: “We didn’t think Ezer Mizion’s camp would be our family summer vacation, but this year cancer had other plans. And, despite everything, this experience was one of the greatest weeks we ever shared together as a family. The best wrap-up was Maya’s, when she said: “Mommy, it’s like summer camp just even better!” We’ve been together all week, enjoying constant fun and entertainment, and most important of all: this week being a sick kid’s mother was the most normal thing in the world. I don’t have enough words to thank the amazing, caring staff and dozens of dedicated volunteers who ran this operation seamlessly. Special thanks to the jeep ride volunteers who devoted an entire day with their personal cars to give our families a day we will never forget! And on behalf of the hundreds of participants, special thanks to the donors who fund Ezer Mizion’s summer camp that gives us all so much strength to go on!”



Naama Chalaf and her visual arts creation at the Ezer Mizion visual arts exhibit.

CIRCLES OF CREATIVITY

Art is a form of expression that enables the artist to deal with emotion and pain. At Ezer Mizion Oranit-Donald Berman Rehabilitation Center Art Studio, cancer patients and their families utilize this important tool to ease their struggle with cancer. Led by Lidia Rozanski, artistic consultant, adult cancer patients participated and enjoyed a visual arts workshop where they created amazing pieces. The process that the workshop participants underwent, alone and together, is unique and has significant impact on their battle with cancer. Their creations were displayed at Ezer Mizion's third cancer patient visual arts exhibit. this year's topic was "Place". The exhibit dealt with the place that each participant would want to be. In spite of the fact that the presenters were not professional artists, they managed to achieve a high artistic level.

One of the presenters in the exhibit is Naamah Chalaf, who was born with a difficult illness that causes problems in the digestive system. After undergoing an emergency operation to save her life, when it appeared that her condition was finally improving, she was diagnosed with thyroid cancer and, again, had to have surgery. "When I woke up from surgery, I was optimistic that I had returned to life," she says. "I'm suffering, but I want to live. My entire world revolves around Ezer Mizion. My work expresses my desire for balance in life."

Dr. Bracha Zisser, Director of Oranit: "Ezer Mizion provides a range of services and activities for cancer patients and their families through Oranit – all so as to make this difficult period and the treatments they are undergoing a bit easier. We are constantly expanding the activities that we run here, to enable every person, patient or family, to connect to the activities that speak to them, and our special art workshop is one of them. Art calms the patients, enables them to forget the treatments for the moment and is an outlet for their emotions via their creative work. I am proud of every one of the workshop participants, who have found the strength within them to create, even while going through this most difficult time."



CIRCLES AROUND THE WORLD

In compliance with international standards, Ezer Mizion's Registry welcomes donor search requests and facilitates transplants for patients throughout the world. The Registry is a vital resource for thousands and serves as a safety net for Jewish patients who are an underrepresented minority in registries internationally.

Ezer Mizion's registry is affiliated with the National Marrow Donor Program (NMDP, USA) and is a member of Bone Marrow Donors Worldwide (BMDW, Netherlands). Ezer Mizion is among the elite few accredited member of World Marrow Donors Association (WMDA), the international association that sets global standards for registries worldwide.

Ezer Mizion is certified by and operates at International ISO 271001/27799 standard as required by the Ministry of Health from all certified medical establishments and health service providers throughout Israel who have access to medical information .



RESEARCH UPDATE

Part II of our research project was published in the journal of *Biology of Blood and Marrow Transplantation* (East Meets West - Impact of Ethnicity on Donor Match Rates in the Ezer Mizion Bone Marrow Donor Registry. Halagan M, Manor S, Shriki N, Yaniv I, Zisser B, Maier M, Madbouly A, Stein J. *BBMT*. 2017; 23:1381–1386). During the last few years, the registry established collaborative project with the Bioinformatics Research Group of the National Marrow Donor Program (NMDP) in order to develop registry specific models for recruitment and expansion.

In this study, we evaluated the likelihood of finding suitable donors for hypothetical patients drawn from defined sub-ethnicities in the Ezer Mizion Registry now and during the coming decade. Contemporary trends of an increasingly multiethnic admixture in Israel may impact the effect of ethnic profiling in assessing future match rates for our registry ethnicities in an effort to guide future analyses.

Our data-driven approach will help plan the expansion and recruitment policies of the registry and aid patients worldwide in their search for a stem cell donor. We plan to further extend our research and collaborate with additional research groups for further study.



Biology of Blood and Marrow Transplantation

journal homepage: www.bbmt.org



East Meets West—Impact of Ethnicity on Donor Match Rates in the Ezer Mizion Bone Marrow Donor Registry



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ABSTRACT
HLA haplotype frequencies in a volunteer bone marrow donor registry should reflect the frequencies of potential transplant recipients served by that registry, a challenge in a country with diverse subethnicities of immigrants from Eastern and Western cultures, such as Israel. We evaluated the likelihood of finding suitable donors for hypothetical patients drawn from defined subethnicities in the Ezer Mizion Bone Marrow Donor Registry (EM BMDR) from donors both within and outside the registry now and during the coming decade. On average, bioinformatics modeling predicts that, given current donor recruitment trends, 6/6 high-resolution HLA match rates for Israelis, which currently stand at 40% to 55% for most subethnicities, will rise by up to 1% per year over the next decade. Subethnicities with historically lower rates of interethnic admixture are less likely to find matches outside of their designated group but will benefit from expansion of the registry, whereas ethnically directed drives will enhance matching rates for currently underrepresented subethnicities. Donor searches for the same cohort using a large external registry was of only slight benefit.

Key Words:
HLA
Haplotype and allele frequencies
Jewish population
Bone marrow donor registry
Match rates
Registry modeling



David & Sara Farajun
Donor Pool

PERSONALIZED DONOR POOLS

With deep appreciation,
we acknowledge
the patrons of the
following Donor Pools whose generosity has
covered the cost of lab testing for new potential
stem cell donors, funded deeper level lab testing
and enabled the growth of our registry.

Your caring has significantly increased
the chances of survival for cancer patients
everywhere.

The potential donors in your pool are there and
ready for any patient who will need them in the
future and for whom time is of essence.

We look forward to sharing with you the
wonderful news that more lives have been saved
from your donor pool.

Bradley Abkin & Ian Carno Donor Pool
 ABS & BCS Donor Pool
 ABS Settlement Donor Pool
 Moises & Sandra Achar Donor Pool
 S. Adelsberg & Co. Donor Pool *in memory of Samuel Adelsberg*
 Adelson Family Foundation Donor Pool
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 Salomón & Sandra Aizenman Donor Pool *in memory of Julio & Eda Rubinstein*
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 Andre & Naomi Altholtz Donor Pool
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 Anonymous CF Donor Pool
 Anonymous NF Donor Pool
 Anonymous YH Donor Pool
 Ramin & Betty Arasheben Donor Pool *in memory of Fedna Barzideh and in honor of Mr. & Mrs. Nasser Arasheban*
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 Cynthia Attie Donor Pool
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 Beaverbrooks Donor Pool
 Belle Harbor Community Donor Pool
 Ben Josef Family Donor Pool
 A. Berkeley Family Donor Pool

Tzvi Menachem Bernstein Donor Pool
 Susan Black Donor Pool
 Blood Brothers Donor Pool
 Tuvia Theo Bloom Donor Pool
 Bluston Charitable Trust Donor Pool
 Bnei Oz Donor Pool
 Boeing Company Donor Pool



Damaghi Family Donor Pool

Stanley Bookatz Donor Pool
 Bornblum Foundation Donor Pool
 Boxenbaum Netta Donor Pool
 René & Susanne Braginsky Donor Pool
 Brand & Reshef Families Donor Pool
 Braufman - Nir Donor Pool *in memory of Sid Braufman*
 Brazil Community Donor Pool
 Brazil Next Generation Donor Pool
 Michael Brecker Donor Pool
 Eliezer & Tzipora Broide Donor Pool
 Edgar & Jan Bronfman Donor Pool
 Rachel Bronfman Donor Pool
 David & Celia Cababie & Sons Donor Pool

Rosa Cababie Donor Pool
 Caesarea Community Donor Pool
 Canada Invitational Golf Donor Pool
 Canada Israel Ltd. Donor Pool
 Geoff & Gill Caplan Donor Pool
 Abraham Cassab Donor Pool
 Cellcom Group Donor Pool
 Central Europe Legacy Donor Pool
 Reverend & Mrs Henry Chait Donor Pool
 Moises & Nelly Charua Donor Pool
 Chayei Sarah Donor Pool
 Jacobo Cheja Donor Pool
 Chen & Ohel Dina Donor Pool *in memory of Nachum & Chana Noga & Dina Rivka Genuth*
 Jose Cherem Dichi Donor Pool
 Alicia Cherem Donor Pool
 Circle of Life Donor Pool
 Clal Insurance Donor Pool
 Alan Cohen Donor Pool
 Jose Cojab Donor Pool
 Damaghi Family Donor Pool
 Ronit Danziger Donor Pool
 Davis Family Donor Pool
 Alex & Rosa Dembitzer Donor Pool
 Abraham & Vivian Dichi Donor Pool
 Antonio & Jenny Dichi Donor Pool
 Y. H. Dimri Donor Pool
 Kitty Doerfler Donor Pool
 Elliott & Lynn Dolin Donor Pool
 El-Ad Modiin Community Donor Pool
 Yehudah Elbaz Donor Pool
 Elie & Yifat Elezra Donor Pool
 Shoshana Eliaz Donor Pool

Elkana Community Donor Pool
 Izzy & Caryl Englander Donor Pool
 Evan Erlick Donor Pool
 Abraham Esquenazi Donor Pool
 Anne & Isidore Falk Foundation Donor Pool
 Michael David Falk Foundation Donor Pool *in loving memory of Michael David Falk*
 Family of Anne & Isidore Falk Donor Pool
 Judi & Maurice Falk Donor Pool
 David & Sara Farajun Donor Pool
 Tommy & Yehudit Farkas Donor Pool
 Elias & Monica Fasja Donor Pool
 Adolfo Fastlicht Donor Pool
 Jeffrey & Carol Fastlicht Donor Pool
 Hershel Fink Donor Pool
 Fluk Family Donor Pool
 Freescale Israel Donor Pool
 Olya Frenklah Donor Pool
 Chana Perl Freund Donor Pool
 Lawrence Friedland Donor Pool
 Chava Friedman Donor Pool
 Yitzchak & Rivka Friedman Donor Pool
 Lazar & Chamie Fruchter Donor Pool
 Fund Family Donor Pool
 Simon Galante & Family Donor Pool
 Lloyd Gerard Donor Pool
 Lloyd Gerard Rayne Foundation Donor Pool
 Moises & Michelle Gertner Donor Pool
 Ady Gil Donor Pool
 Gimzu Community Donor Pool
 Kermit Gitenstein Donor Pool

Givat Shmuel Community Donor Pool
 Globus Center Donor Pool
 Philip & Susi Goldberg Donor Pool
 Jane Goldman Donor Pool
 Sara Gorenstein Donor Pool
 Guardians of Life Donor Pool
 Akiva & Pirhia Gur Donor Pool
 Meir & Henny Gurvitz Donor Pool
 Gutwirth Fndn, Meir Mizrahi, Adv. Donor Pool
 David & Judy Hager Donor Pool
 Moises & Fanny Haiat Donor Pool
 Hall Family Donor Pool
 Yair & Ilana Hamberger Donor Pool



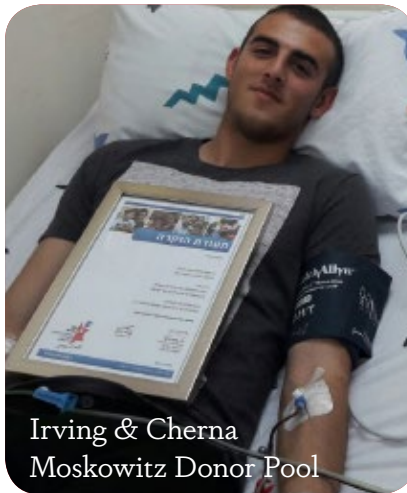
Ira and Inga Rennert Donor Pool

Salomon & Daniel Hamui Donor Pool
 Harbour Charitable Trust Donor Pool
 Robert & Gita Hartman Donor Pool
 Maurice Hatter Foundation Donor Pool
 Aryeh & Ida Haylveil Donor Pool
 Gabriel Heffes Donor Pool
 Heichal Moshe & N. Tel Aviv Donor Pool

Lily Helfon Donor Pool
 Ralph & Judy Herzka Donor Pool
 Hole In One Donor Pool
 Hollywood Community Donor Pool
 Hope4Adam Donor Pool *in memory of Adam Krief*
 Murray & Laura Huberfeld Donor Pool
 Iranian American Jewish Federation Donor Pool
 J. Isaacs Charitable Trust Donor Pool
 Jewish Bone Marrow Testing Fund Donor Pool
 Howard & Debby Jonas Donor Pool
 Elias & Sarah Kalach Donor Pool
 Gabriel Kalach Donor Pool
 Kalmar Family Fndn. Donor Pool
 Shchunat Karnei Shomron Community Donor Pool
 Karnei Shomron Rabati Community Donor Pool
 Charles & Sonia Kastner Donor Pool
 Don Marcos & Sra. Adina Katz Donor Pool
 Harvey & Gloria Kaylie Donor Pool
 Kedumim Community Donor Pool
 Adam Kimmel Donor Pool
 Marilyn Kinches Donor Pool
 Kiryat Krinitzi Community Donor Pool
 Kiryat Krinitzi Community Donor Pool
 Joe & Carmella Klein Donor Pool
 Harold Chaim Klug Donor Pool
 Knobil Family & Friends Donor Pool
 Manuel Konstam Donor Pool
 Walter & Ruth Kramer Donor Pool

Boaz & Vered Kraus Donor Pool
 Emanuel & Ellen Kronitz Donor Pool
 Leora Kuhillow Donor Pool
 Charles Kushner Foundation Donor Pool
 Lawrence - Far Rockaway Community Donor Pool
 Rubin & Mollie Lazarus Donor Pool
 Lechu Neranena Raanana Community Donor Pool
 Leeds Jewry Donor Pool
 UHC Leeds Donor Pool
 Lev & Olga Leviev Donor Pool
 Levy Family Donor Pool
 Michael & Evelyn Levy Donor Pool *in memory of the Horiner Family*
 Lewis Family Donor Pool
 Nissan & Judith Lewy Donor Pool
 Stanley Loman Donor Pool
 Howard & Thea Lorber Donor Pool
 Andy & Bassy Lowinger Donor Pool
 Isser Lubetzky Donor Pool
 Lud Community Donor Pool
 Lyons Family Donor Pool
 M & C Trust Donor Pool
 Manny & Mojdeh Malekan Donor Pool
 Shlomo & Meirav Mandelbaum Donor Pool
 George & Audrey Manning Donor Pool
 Gil Marks Donor Pool
 Mark & Feigi Marmurstein Donor Pool
 Yacob & Rita Marmurstein Donor Pool
 Maslavi Family Donor Pool in memory of Jacob Maslavi

Oren & Shoshana Masory Donor Pool
 Moriel & Anat Matalon Donor Pool
 Rebecca Matoff Donor Pool
 Ari Maurer Donor Pool
 Neal & Nicci Menashe Family Donor Pool
 Carlos & Tere Metta & Sons Donor Pool
 Jose & Maria Metta Donor Pool
 Mexican Community Donor Pool
 Adam & Gila Milstein Donor Pool



Irving & Cherna Moskowitz Donor Pool

Henrietta Milstein & Elazar Kahanow Donor Pool
 Modiin Youth Donor Pool
 Drs. Pourrat & Mojgan Monahemi Donor Pool
 David Monderer Donor Pool
 Moriah Community Donor Pool
 Jonathan Morris Donor Pool
 Martin & Ilana Moshal Donor Pool
 Moshe & Ayala Donor Pool
 Irving & Cherna Moskowitz Donor Pool
 Alfredo Munk & Toni Simon Donor Pool
 Amir Nachum Donor Pool

David & Collette Nahmad Donor Pool
 Ezri & Ilana Namvar Donor Pool
 Neeman & Shech Families Donor Pool
 Nehalim Community Donor Pool
 New Rochelle Community Donor Pool
 Nitzan Community Donor Pool
 Dr. Fariborz Nobandegani Donor Pool
 Leo & Sue Noé Donor Pool
 Idan Ofer Donor Pool
 Congregation Ohel David & Shlomo Donor Pool
 Oranit Community Donor Pool
 Orenstein Families Donor Pool
 Alex & Alyce Orzy Family Donor Pool
 Mendel & Milly Pasternak Donor Pool
 Pears Family Donor Pool
 Peduel Community Donor Pool
 Jacobo & Vicky Penhos Donor Pool
 Andrew & Shannon Penson Donor Pool
 Ronald O. Perelman Donor Pool
 Morris & Rickie Platt Donor Pool *in memory of Israel & Leah Frieman and Pincus & Leah Platt*
 Abraham & Noemi Podhorzer Donor Pool
 Moshe & Bilha Podhorzer Donor Pool
 Israel & Edith Pollak Donor Pool
 Arie & Dalia Prashkovsky Donor Pool
 Alexander Primak Donor Pool
 Prince Family Donor Pool
 Gabrielle R. Propp Donor Pool in memory of Seymour Propp
 Protea Retirement Village Donor Pool

Protea Retirement Village Donor Pool
 Levi Yitzchok & Yehudit Rachmani Donor Pool
 Erez & Osnat Ram Donor Pool
 Rolf & Ruth Redlauer Donor Pool
 Ira & Ingeborg Rennert Donor Pool
 Roden Family Donor Pool
 George & Pamela Rohr Donor Pool *in memory of Charlotte Rohr*
 Marcos & Jacqueline Romano Donor Pool
 Patrick & Fabian Rosenbaum Donor Pool
 Andrew & Margaret Rosinger Donor Pool
 Joshua & Michelle Rowe Donor Pool
 Russian American Professionals Donor Pool
 Dudu & Chagit Saada Donor Pool
 Safdie - Friedmann Donor Pool
 Edmond Safra Donor Pool
 Edmond J. Safra Synagogue Donor Pool
 Jacob & Shari Safra Donor Pool
 Lily Safra Donor Pool
 Moise & Chella Safra Donor Pool
 Sakhaie Family Donor Pool
 Marcos & Debbie Salame Donor Pool
 Menachem & Gilat and Shlomi & Tali Saltzer Donor Pool
 Alan & Nicole Samson Donor Pool
 Zohar Sapir Donor Pool
 Nicholas & Terry Sasson Donor Pool
 Schapira Family Donor Pool
 Y. David & Cheryl Scharf Donor Pool
 Schimmel Family Donor Pool



David & Judy Hager Donor Pool

Reuven & Tzipora Schluskel & Family Donor Pool
 Avi & Meira Schnur Donor Pool
 Ephriam & Devora Schreiber Donor Pool
 Dan & Gloria Schusterman Donor Pool
 Shaarei Tikva Community Donor Pool
 Farzad & Sheila Shahery Donor Pool
 Shaul & Esther Shammay Donor Pool
 Philip & Hedyeh Shaoul Donor Pool
 Moshe Mordechai & Rivka Dalia Shooob Donor Pool
 Shooter Family Donor Pool
 Mary M. Shore Donor Pool
 Oded & Zoharit Shriki Donor Pool
 Mark & Barbara Silber Donor Pool *in memory of Sara Silber*
 Yehudah Simantov Donor Pool
 David & Lara Slager Donor Pool
 Carlos Smeke Donor Pool
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 Steven E. & Bonnie B. Stern Donor Pool

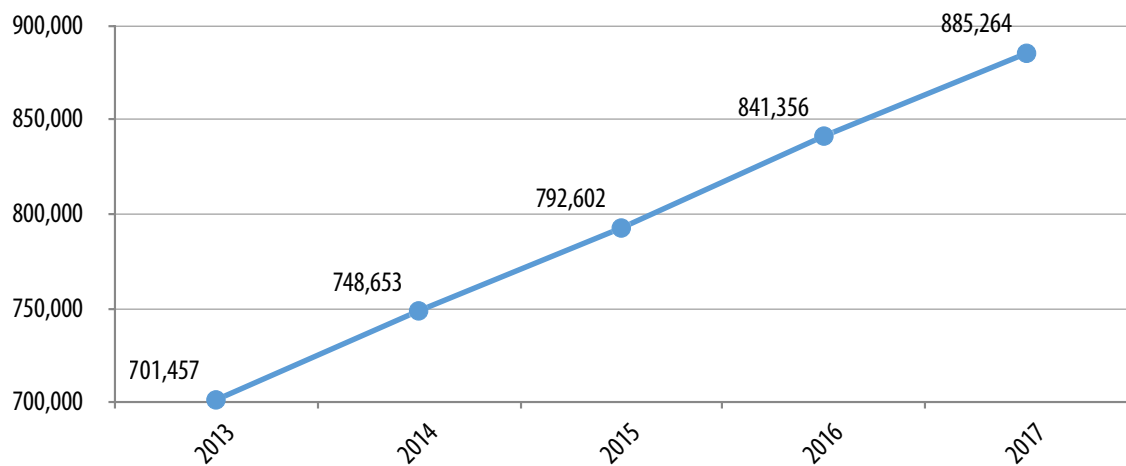
Suburban Torah Synagogue, Livingston NJ Donor Pool
 Nicole Sussholtz Donor Pool
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 Moshe & Lillian Tabacinic Donor Pool *in memory of Sami Rohr*
 Ezriel & Mildred Taub Donor Pool
 Raoul Tawil Donor Pool
 Tobetta Donor Pool
 Toronto Celebration of Life Donor Pool
 Rami & Yael Unger Donor Pool
 Avrom R. & Shirley E. Vann Donor Pool
 Gabor Vardi Donor Pool
 Menachem Weil Donor Pool
 Avi & Shoshi Weinroth Donor Pool
 Patricia Weinstock Donor Pool
 Weiss Family Donor Pool
 Roni Wertheimer Donor Pool
 West Hempstead Community Donor Pool
 Wiener, Widawsky, Rebenwurz Donor Pool in memory of Shmuel & Yaffa Herman
 Wilson Family Donor Pool
 Mina Wizner Donor Pool
 Maurice & Vivienne Wohl Philanthropic Foundation Donor Pool
 Wolfson Family Donor Pool
 Arie & Chaney Wolfson Donor Pool
 Yaakov David ben Simcha Mordechai Donor Pool
 Daniel & Alicia Yacoby Donor Pool
 Young Leadership Donor Pool
 Mayer & Moises Zaga Donor Pool
 Marjorie & Arnold Ziff Donor Pool
 Moti Zisser Donor Pool

DATA DASHBOARD

Medical Condition			%	Medical Condition			%
HIS	Histiocytic Disorders		1%	SAA	Severe Aplastic Anemia		3%
OM	Other Malignancy		1%	PCD	Plasma Cell Disorder		3%
IEA	Inherited Erythrocyte Abnormality		1%	OL	Other Leukemia		4%
OND	Other non-malignant Disease		2%	NHL	Non-Hodgkin's Lymphoma		11%
IIS	Inherited Immune Disorder		2%	ALL	Acute Lymphoblastic Leukemia		14%
HL	Hodgkin's Lymphoma		2%	MDS	Myelodysplastic Disorders		17%
CML	Chronic Myelogenous Leukemia		3%	AML	Acute Myeloid Leukemia		37%

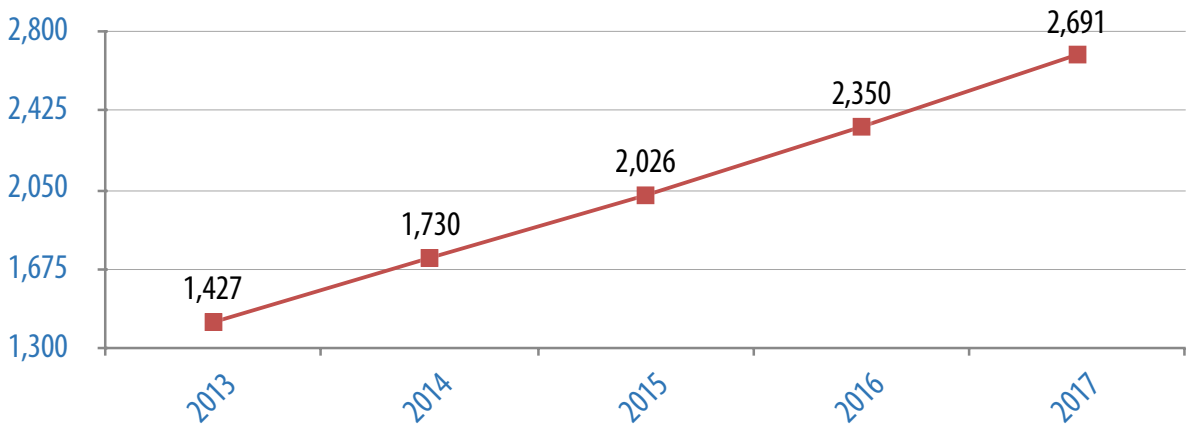
TOTAL ACTIVE DONORS

This figure shows the number of active stem donors in the registry by year which directly impacts on donor-patient matches and lifesaving transplants.



TRANSPLANTS FACILITATED – CUMULATIVE PER YEAR

341 lifesaving transplants were facilitated in 2017 by Ezer Mizion's registry, 35% of them in Israel and 65% of them in countries throughout the world.



YOUNGER IS BETTER!

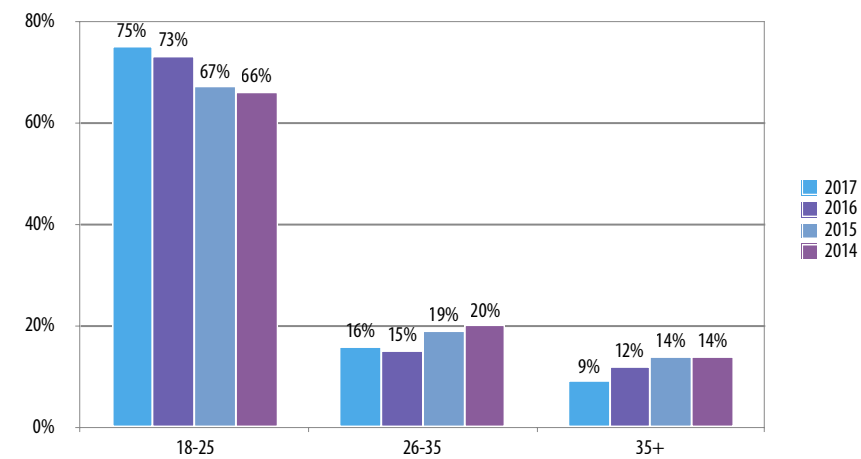
The following charts illustrate one of the registry's major pluses: the relatively young average age of our donor population, which is also reflected in the average age of those preferred and chosen as stem cell donors by transplant centers around the world.

Note the chart comparing Ezer Mizion's relatively young donor population vs. average membership age in registries internationally. Maintaining a young donor population is possible through continued, sustained membership growth through Ezer Mizion's lifesaving partnership with the IDF, which draws in thousands of new, young registry members each year.

The following statements are extracted from a report by CIBMTR (Center for International Blood & Marrow Transplant Research): Studies show that younger stem cell donors result in better patient survival rates. Overall survival decreases with increasing donor age, making age – after tissue type matching – the most important factor in choosing an unrelated stem cell donor.

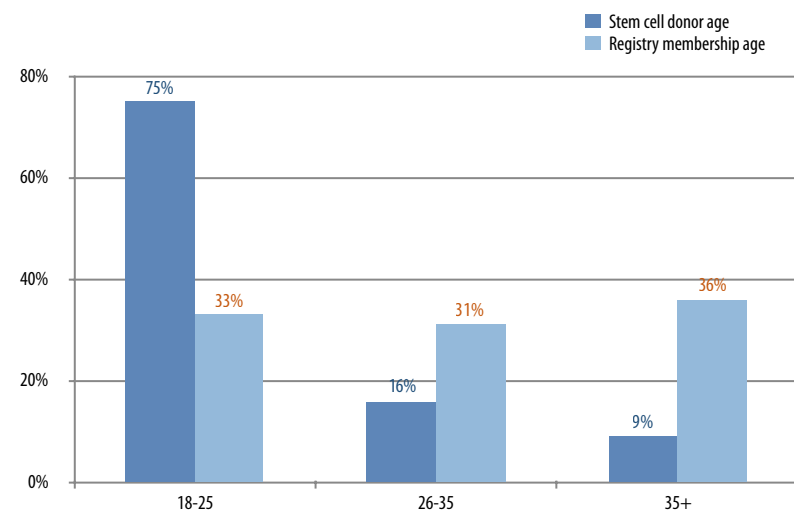
STEM CELL DONOR AGE PER YEAR

This chart reports on average stem cell donor age in Ezer Mizion’s registry, according to the year of transplant. It shows how younger donors are consistently preferred and chosen by transplant centers due to the importance of age as a factor in transplant success outcomes.



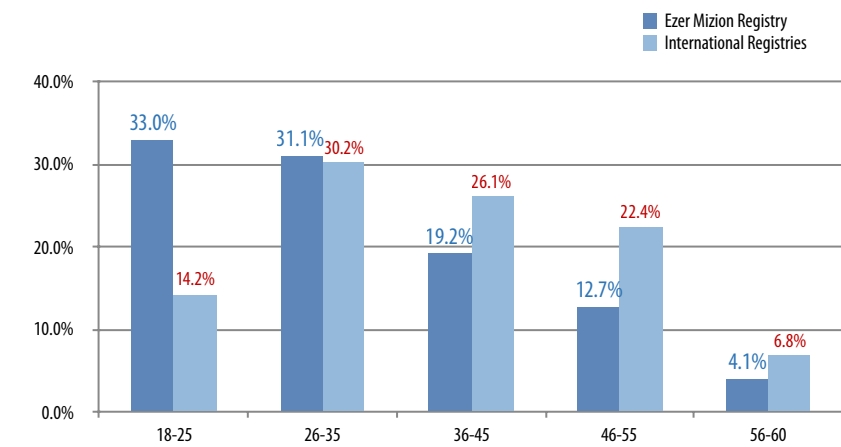
COMPARING TRANSPLANT DONOR AGE VS. REGISTRY MEMBERSHIP AGE

Note again how younger stem cell donors are preferred as an ideal stem cell donor population because of the age factor in contributing to transplant patient survival.



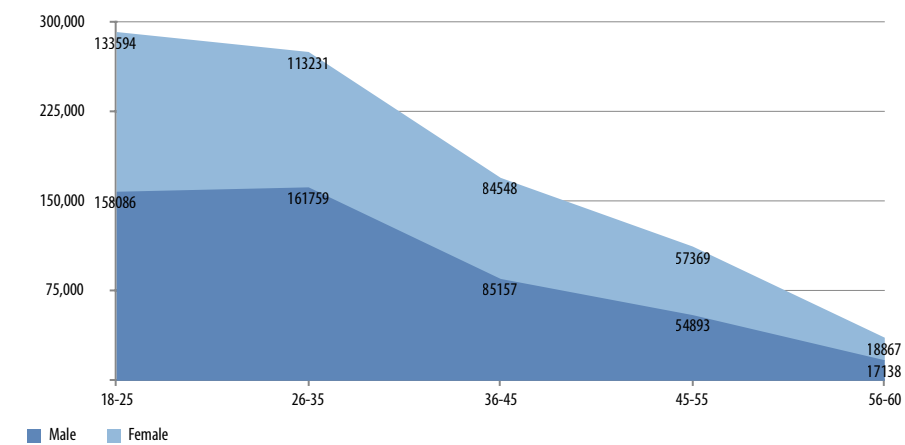
COMPARING REGISTRY MEMBERSHIP BY AGE VS. INTERNATIONAL REGISTRIES

In comparison to registries around the world Ezer Mizion’s membership is considerably younger which is a clear plus.



DONOR AGE AND GENDER

Young stem cell donors are considered an ideal population and are preferred by transplant centers. Thanks to the IDF collaboration, one third of Ezer Mizion’s registry is between the ages of 18 and 25, characterizing our registry as first rate.



REGISTRY AND CANCER SUPPORT SERVICES
STATEMENT OF ACTIVITIES
AS OF DECEMBER 31, 2017 (NOT AUDITED)

**HOW WE
SPEND EACH
DOLLAR**

94.39%
for program services

5.61%
for administration

In recognition of our commitment to transparency and accountability, Ezer Mizion has received excellent ratings by non-profit overseer entities that assist funders in making informed giving choices.

REVENUES AND GAINS

Search and procurement fees	\$10,502,004
Government Ministry allocation	\$1,074,416
Public sector, service fees, etc.	\$235,994
Donations	\$4,751,104
TOTAL INCOME	\$16,563,517

EXPENSES

Registry program services	\$6,714,257
Cancer support program services	\$8,825,179
Fundraising and management	\$1,076,629
TOTAL EXPENSES	\$16,616,06
DEFICIT	\$52,548



CLOSING CIRCLES

Together we can close the circle, and bring support, hope, recovery and life to more patients around the world in 2018.

Join the Ezer Mizion circle and share life!





**SHARED
LIFE**

Ezer Mizion Israel International Headquarters

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5225 New Utrecht Ave. 3rd Floor · Brooklyn, NY 11219 · 718-853-8400

Ezer Mizion Canada

701-1110 Finch Avenue West · Toronto, ON M3J 2T2 · 1-877-544-3866

www.ezermizion.org

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