



**EZER  
MIZION**

**2021  
ANNUAL REPORT**

Bone Marrow  
Donor Registry  
and Cancer  
Support Services

# Changing Lives

Throughout the COVID pandemic and its fallout, we have remained steadfast to our commitment. We have stayed mission-focused, adopting pioneering strategies that allowed us to deliver high-quality service and save more lives, despite seemingly insurmountable challenges.

We kept our staff, our clients and our communities safe by implementing comprehensive new measures to protect health and safety.

We forged ahead with innovation, as our stem cell collection center grew and our stem cell processing lab developed to the threshold of its inauguration, as we attracted great talent and hired highly qualified, experienced professionals whose passion for our work could move us forward.

We furthered our impact by fortifying relationships with the communities and partners that we work with, and made impactful contributions on the local, national and international levels.

Having crossed the threshold of one million members in our registry, we are gratified by our stem cell donors who are ready at any given time to donate their stem cells and who have enabled us to save the lives of over 4,200 men, women, and children all over the world. We salute you!

And to you, our noble operating and generous funding partners, we say a profound thank you. You give the patients and their families the blessing of life as an option, infusing us all with hope and strength.

As we look back at the past achievements in the face of huge challenges, we face the future with optimism, faith, and the prayer that, with God's help, we will successfully carry on fulfilling our sacred vision.

**Chananya Chollak**  
International Chairman



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

# When everything is collapsing...

When a family learns someone they love has cancer, the world slips out from under their feet. At this overwhelming time, they need massive medical, emotional, financial and practical support.

# ...It's good to know someone's there to help.

Ezer Mizion's Bone Marrow Donor Registry was established to save the lives of cancer patients across the globe.

25% of patients in need of a stem cell transplant will find a match among their relatives. But,

75% of patients will need a bone marrow donation from an unrelated donor.



Of the 40+ million stem cell donors listed in Bone Marrow Donors Worldwide, only a minute percentage are of Jewish ethnicity. Ezer Mizion serves patients from all cultures and minority groups around the world, regardless of race, religion, nationality, creed, etc. Our aim is to get every patient the stem cells they need to survive. However, we are an especially essential resource for ethnically Jewish patients, for whom - as with every other minority - the likelihood of finding a match is from within their own ethnic group.

# Aiming at recovery



Creating solutions to make sure that every patient gets the stem cells they need to survive



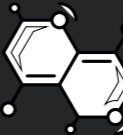
Pioneering innovations in the stem cell transplantation and donation process



Enriching the registry with broad representation of ethnicities and genetic combinations



Bringing donors to collection faster, upgrading their donation experience



Collaborations, passion and an entrepreneurial approach to current challenges



Tapping in to years of expertise and professionalism



Pursuing research and collaborations that increase efficiency and effectiveness



Assisting cancer patients and their families with their emotional and functional needs

# Stem Cell Therapy for All

In spite of the quantitative and qualitative expansion of registries over the years, there are still ethnic minorities and genetic combinations that are underrepresented in registries worldwide. This means that for patients from these communities, there is still no light at the end of the tunnel. At Ezer Mizion we are exploring new potential donor populations and diversifying the registry membership in our effort to ensure that every patient has an equal opportunity to receive lifesaving treatment.



# David and Sara Farajun Collection Center



Ezer Mizion's David and Sara Farajun Stem Cell Collection Center is where an average of close to 40 donors come each month to donate their lifesaving stem cells and blood parts. Led by Dr. Bracha Zisser, Ezer Mizion Bone Marrow Registry Director; and Professor Isaac Yaniv, Ezer Mizion Registry Medical Director, the collection center operates on the highest international standards so that the collection process is done in the most medically safe and comfortable conditions for the benefit of the stem cell and blood parts donors and transplant recipient



Following complete accreditation and regulatory approval by Israel's Ministry of Health, Ezer Mizion's on-site Salomon & Sandra Aizenman Stem Cell Processing Laboratory is scheduled to begin operation in 2022. The lab will further enhance registry operations and Ezer Mizion's lifesaving services at the highest international standards

# Salomon & Sandra Aizenman Stem Cell Laboratory



# Cancer Support Services: Home Away from Home

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

Cancer therapy treatments generally take place in hospitals on an outpatient basis. Several major children's oncology units are located in central Israel. Young cancer patients who live in other parts of the country have to travel every day for difficult outpatient treatments. Hours on the road to and from the treatments are ravaging.

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

Located in Petach Tikvah, Oranit spares families from exhausting trips for outpatient treatment sessions. These families are referred to Ezer Mizion by social workers at the hospitals where they are undergoing cancer therapy.

In addition to the 26 spacious and comfortable suites of the Andrew and Margaret Rosinger Residential Wing and the Falk Residential Floor, Oranit has a dining hall, an auditorium, a synagogue, the Rinat Bakshi Wildlife Pavilion, the Wasserstein Art Center 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 experiencing. Ezer Mizion hosting and cancer support services are provided free of charge to cancer patient and all immediate family members (for pediatric cancer patients: parents and siblings; for adult cancer patients: spouses and children.)





Ezer Mizion's Oranit cancer patient guest home is a haven of comfort, caring and cheer, an escape from the world of chemotherapy and aggressive treatments.



# 2021 Cancer Support Population Profile

**13,784**  
Total people assisted



**1,447**  
Children with cancer

**3,122** Cancer patient  
siblings  
**2,324** Parents of  
children with  
cancer

**1,741**  
Parents with cancer

**3,749** Children of  
sick parents  
**1,401** Cancer patient  
spouses



**3,188**  
Total number of families with cancer assisted



## 2021 Milestones

**394** patients saved  
by stem cell  
transplants

**1,104,870**  
**active**  
**members**

- 6th largest registry worldwide
- World's highest per-capita membership

Landmark:  
**4,227**  
lives saved

In the course of the twenty three years of the Registry's existence, 4,227 lifesaving stem cell transplants took place. These transplants represent men, women, and children, who, in their most difficult moments, received a second chance for life, thanks to a stem cell transplant. This milestone boosts us to move ahead with renewed commitment.



# Giving a Second Chance

## Lital

Yardeni and her family celebrated her third birthday by meeting Lital, the stem cell donor who saved her life. Lital's message at the birthday party: "Not many people can say that they've saved a life. I still can't believe that I really did it!"



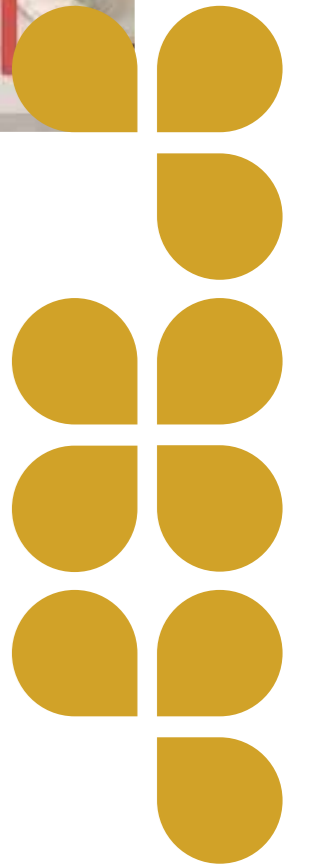
## Gal

Gal is 23 and he's already managed to save a life twice! In 2020, he saved the life of a leukemia patient. In 2021 he was asked to donate stem cells a second time, and again saved a life.



## Linor and Eyal

Linor donated stem cells and saved the life of a one-year-old child. A year ago, her father Eyal, received a lifesaving stem cell donation via the Registry. Shown: Linor (far right) with her father, Eyal, meeting his stem cell donor for the first time.



## Yifat and Uri

Yifat and Uri are a mother and son, both members of Ezer Mizion's registry. 20-year-old Uri donated stem cells this year, and his mother, Dr. Yifat Quint, donated stem cells in 2008. A lifesaving family!



## Tal and Dana

Tal was stricken with leukemia and he received a stem cell donation twelve years ago from Ezer Mizion. This year, he enlisted in the IDF and visited Ezer Mizion registry's donor recruitment station on the army base, where his mother, Dana, has been volunteering for many years.



## Noam

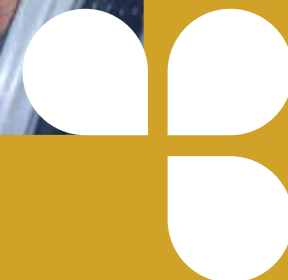
When Noam's cousin Sharon had cancer as a child, her family stayed at Ezer Mizion's Oranit cancer patient guest home during outpatient treatments. Sadly, Sharon passed away. As an expression of appreciation, her family dedicated a library in her memory at Ezer Mizion's cancer guest home. This year, Noam donated stem cells and saved a patient. When he came for the stem cell collection, he brought a photo of Sharon with him, symbolically closing the circle for his extended family.





## Raz and Shai

Raz and Shai, two sisters, both matched patients and donated stem cells in 2021. "We feel so special to have both been found as a match for patients... We are so lucky!"



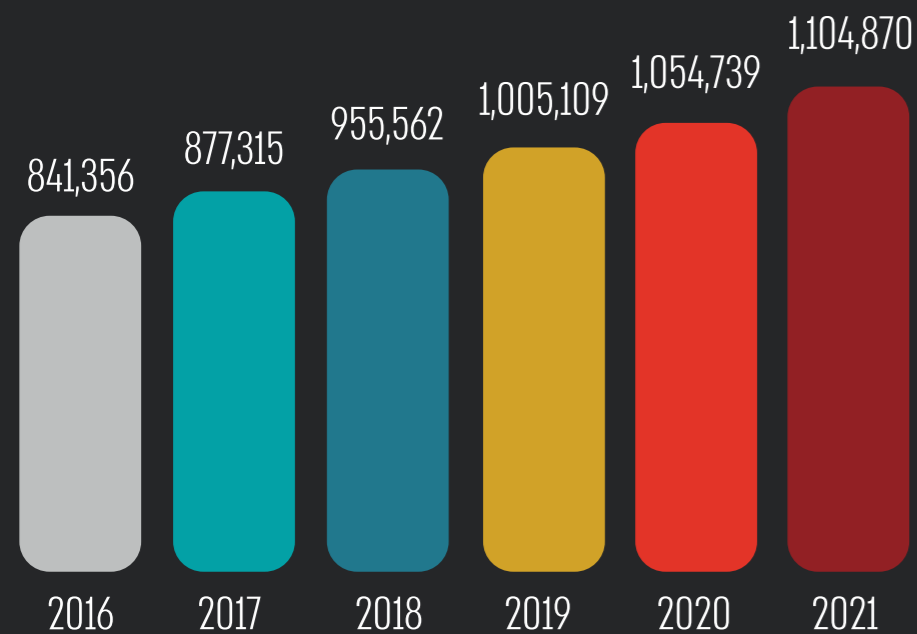
## Avichai's Bar Mitzvah

When baby Avichai was diagnosed with a serious illness 12 years ago, the only hope for a cure was a stem cell transplant. Even his great uncle, the head of the stem cell transplant unit at Schneider Children's Hospital, knew that if a matching stem cell donor would not be found quickly, Avichai's diagnosis was a death sentence. Fortunately, Ziv, a matching stem cell donor, was found at Ezer Mizion's registry and little Avichai recovered. In 2021, Avichai celebrated his bar mitzvah, where he pledged his bar mitzvah gifts to Ezer Mizion as an expression of gratitude for saving his life.



## Total Active Donors

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



# The Big Numbers



## Transplants Facilitated Cumulative per Year

394 lifesaving transplants were facilitated in 2021 by Ezer Mizion's registry

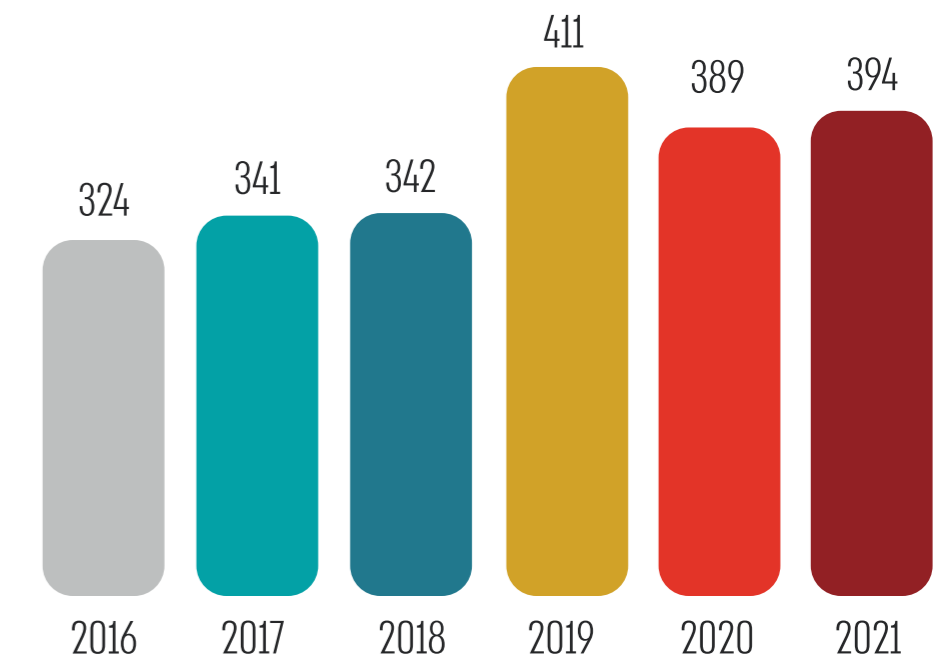
**32%**

of them in Israel

**68%**

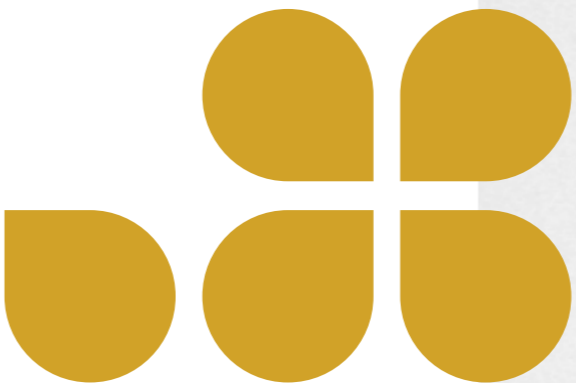
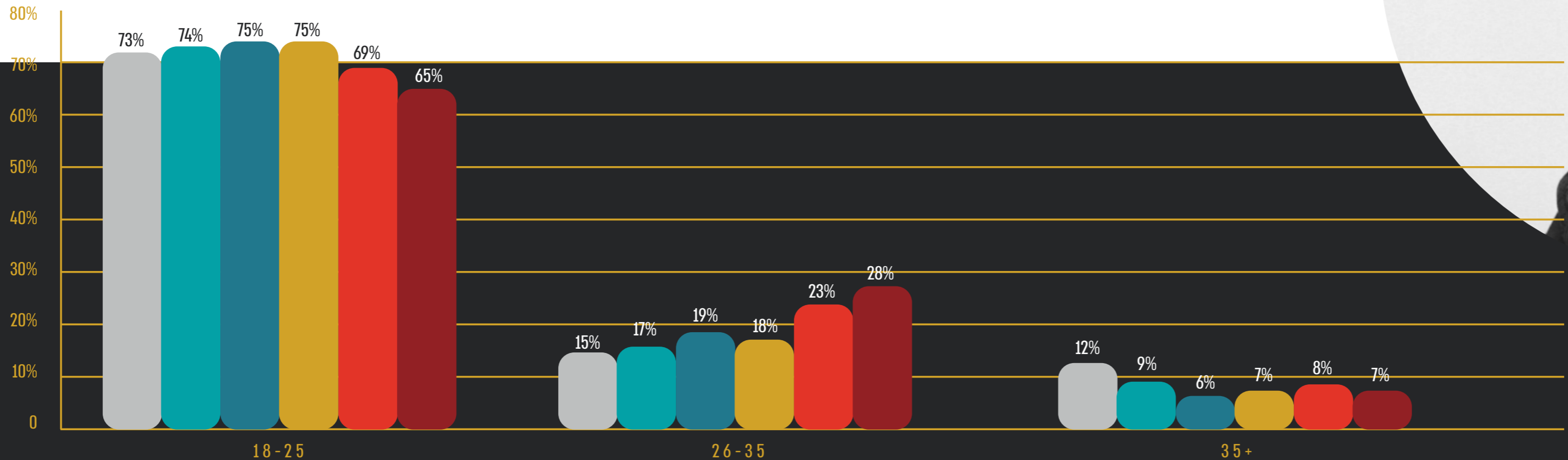
of them in countries throughout the world.

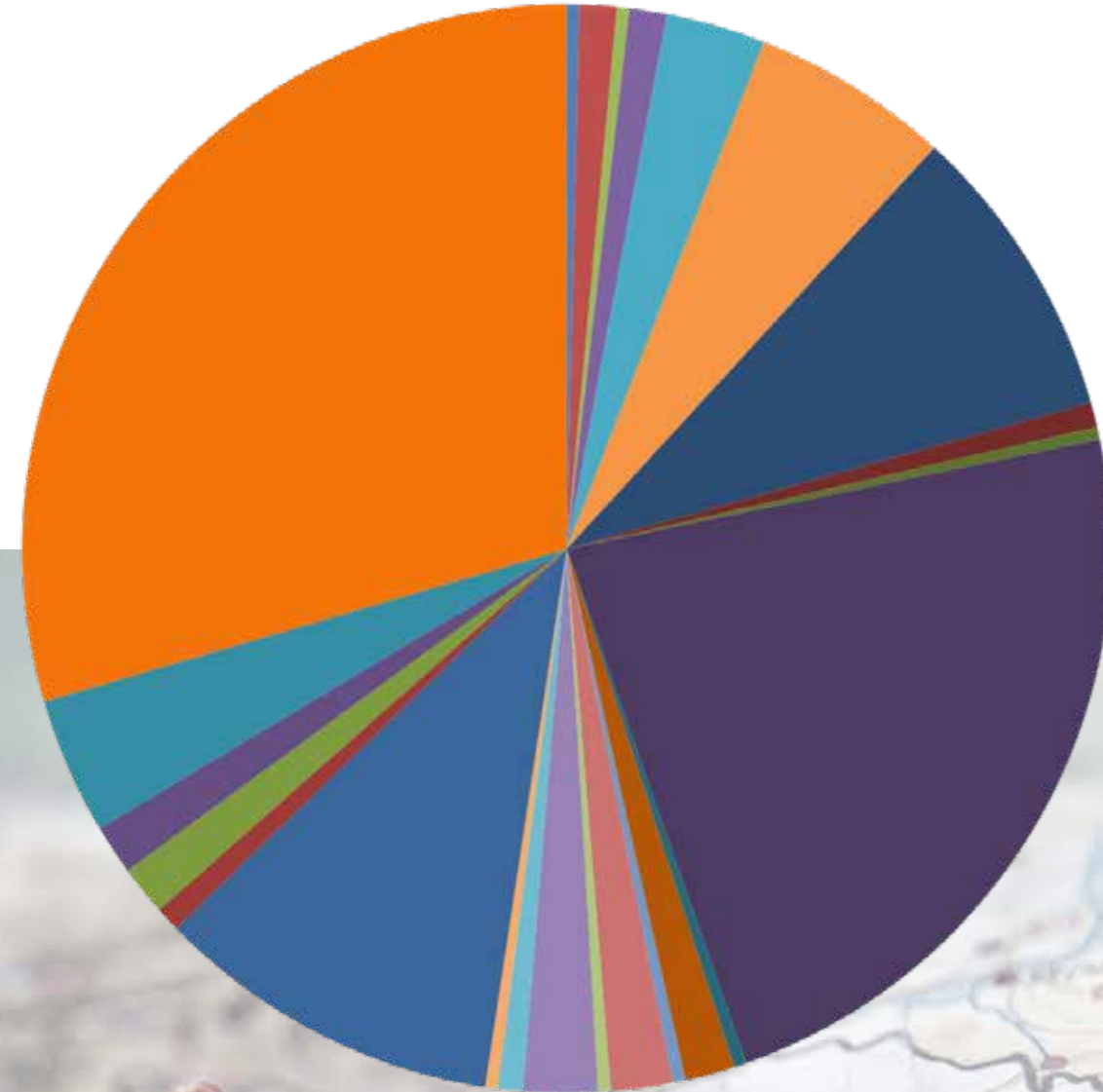
The impact of COVID on transplants is clearly viewed with a dip in transplants since the beginning of the pandemic.



# 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.



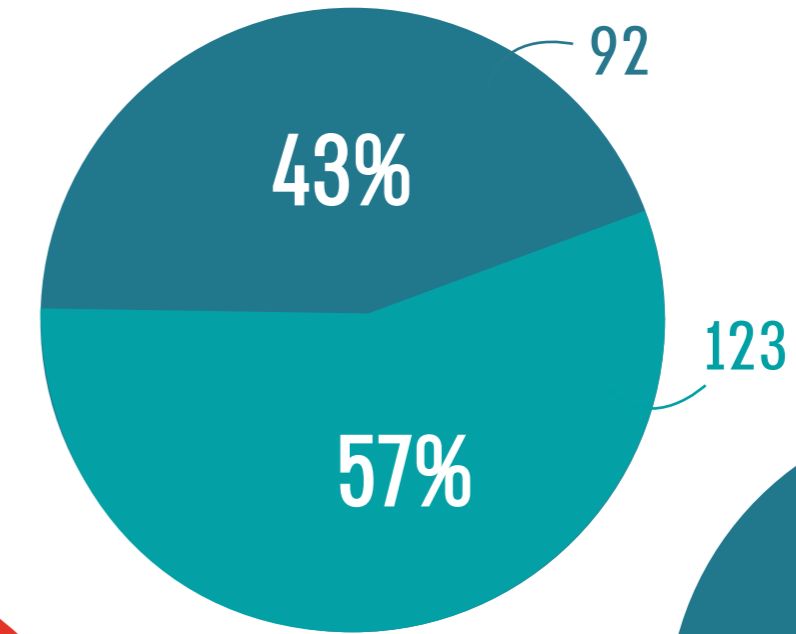


## International Transplants facilitated in 2021

## Growing International Need

This chart illustrates the growth in transplants facilitated internationally by Ezer Mizion's registry. In 2021, 68% of the stem cells collected were for transplants that were done around the world, outside of Israel.

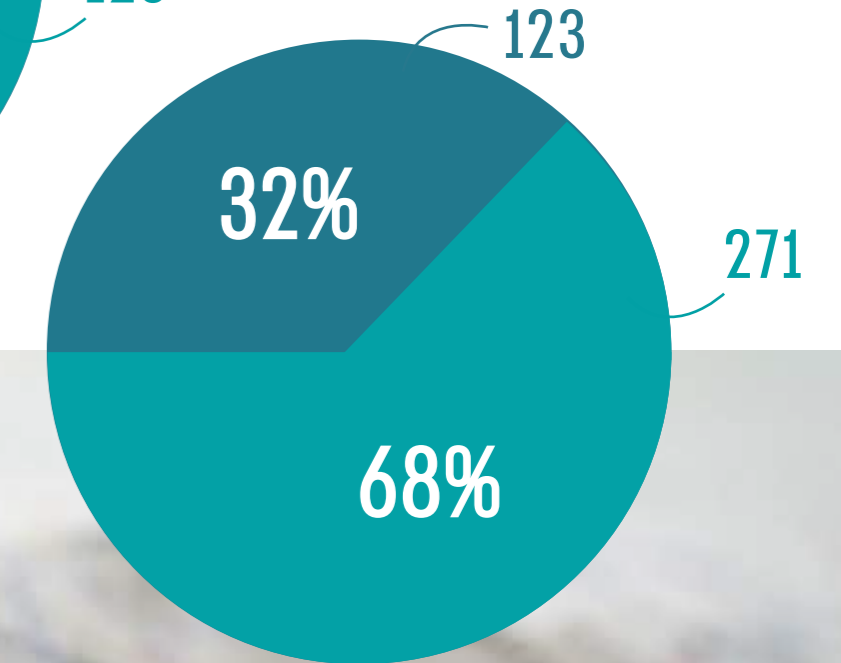
2012



International Transplants

Israeli Transplants

2021



# Personalized Donor Pools

When a patient needs a stem cell transplant, the blood samples at Ezer Mizion's Registry are checked to find a match between the patient and a stem cell donor. When the match is found, Ezer Mizion collects the stem cells, ships them to the transplant center and facilitates thousands of lifesaving transplants.

Stem cell testing sponsors can create a personalized donor pool in Ezer Mizion's main Registry, bearing the name of their choice. This personalized pool includes all the people whose initial lab testing was funded by the sponsor, which enabled new registry members to join as potential stem cell donors.

Personalized donor pool sponsors are notified when a stem cell transplant happens from their pool, letting them know that they have saved a patient's life.

Supporting Ezer Mizion's Registry is an "insurance policy" for everyone. A completely compatible donor is not something that can be bought with money. The Registry is vital for each of us. For more information on setting up a personalized donor pool in honor or in memory of someone dear to you, contact [hadsom@ezermizion.org](mailto:hadsom@ezermizion.org)

# Welcome

to the following new donor pools that were launched in 2021

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Eitan & Jessica Barak Family Donor Pool

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Tzipi Braun Donor Pool

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Daily Giving Donor Pool

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Efi Properties Donor Pool

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Arlene & Arthur Eis Donor Pool

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Prosper ben Zohara Elul Donor Pool

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Chaim Kalman Golovenchitz Donor Pool

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Gornitzky & Co. Donor Pool

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Jewish Patient Recovery Donor Pool

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Shmuel & Naomi Linzer Donor Pool

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Elchanan & Ahuva Loewenthal Donor Pool

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Itzhak & Zipora Reich Donor Pool

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Shkedi Fluk - Efi Capital Fluk Holdings Donor Pool

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Rav Chaim & Itzik Tobolsky Donor Pool

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Leonard M. Eliezer Melech White Donor Pool

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Naor & Reut Zimmerman Donor Pool



# SALUTING OUR PERSONALIZED DONOR POOL SPONSORS

We recognize and thank the sponsors of Personalized Donor Pools whose generosity has covered the cost of lab testing for new registry members and enabled the growth of our Registry. Your caring has significantly increased the chances of survival for cancer patients everywhere. The people in your pool are there and ready for any patient who will need them in the future, and for whom time is of essence. Matching transplant donors were found in 2021 from the following donor pools:



DONOR POOL	Lives saved in 2021
Above & Beyond	1
ABS Settlement	1
S. Adelsberg & Co.	2
Adiram	2
Ahavat Chesed Foundation	1
Shari & Robert Alter & family	2
Yehuda & Shirir Amar	2
Anonymous CF	1
Anonymous NF	1
Daniel & Marlene Arbess	2
Bank Discount Employees	1
Eitan & Jessica Barak Family	1
Bavli Community	1
Ari & Ilana Berenson & Family	1
BeZiv Oro	1
Loraine & Bernard Black Family	1
Susan Black	2
Rabbi Benjamin & Elaine Blech	1
Blood Brothers	5
Bluston Charitable Trust	1
Boeing Company	4
Brand & Reshef Families	2
Brazil Community	26
Morris Broder	1
Central Europe Jewish Legacy	3
Circle of Life	4
Alan Cohen	3

DONOR POOL	Lives saved in 2021
Daily Giving	1
Damaghi Family	23
Ronit Danziger	2
Alex & Rosa Dembitzer	1
Gil & Eti Deutsch	1
Dorot Illit	2
Solly & Orly Dreman	2
El-Ad Modiin Community	3
Izzy Englander	9
Avinoam Erlich	1
Michael David Falk Foundation	3
Judi & Maurice Falk	2
David & Sara Farajun	14
Tommy & Yehudit Farkas	1
Yosef Fishler	1
Florida	7
Mosheh & Aliza Fried	1
Yitzhak & Rivka Friedman	1
Gabi Friedman	1
Peter Friedmann	1
Fund Family	2
Ady Gil	1
Kermit Gitenstein	1
David & Susie Gitler	1
Givat Shmuel Community	3
Itzhak & Rina Goldberg	1
Gornitzky & Co.	1

DONOR POOL	Lives saved in 2021
David & Judy Hager	1
Hall Family	2
Harris Family - John J. Flemm Fndn	1
George & Linda Hofstedter	3
Hole In One	22
Hope4Adam	2
Iranian American Jewish Federation	2
Jewish Bone Marrow Testing Fund	3
Howard & Debby Jonas	1
Debra Kalimian	2
Karnei Shomron Rabati Community	2
Don Marcos & Sra. Adina Katz	4
Harvey & Gloria Kaylie	2
Kedumim Community	3
Adam Kimmel	1
Marilyn Kinches	2
Ephraim & Sara Kriel	2
Emanuel & Ellen Kronitz	2
Avinoam Laufer	1
Lawrence - Far Rockaway Community	1
Rubin & Mollie Lazarus	1
Lechu Neranena Raanana Community	1
Leshem Community	1
Michael & Evelyn Levy	3
Los Angeles Community	3
Isser Lubetzky	4
George & Audrey Manning	1

DONOR POOL	Lives saved in 2021
Moshe M. Marmorstein	1
Moriel & Anat Matalon	6
Rebecca Matoff	1
Irving & Cherna Moskowitz	8
Alfredo Munk & Toni Simon	1
Neeman & Shech Families	1
Nof Ayalon Community	1
Idan Ofer	1
Alex & Alyce Orzy Family	1
Mendel & Molly Pasternak	1
Andrew & Shannon Penson	1
Ronald O. Perelman	5
Abraham & Noemi Podhorzer	1
Sheli Primak	1
Gabrielle R. Propp	1
Protea Retirement Village	1
Rolf & Ruth Redlauer	1
Ira & Ingeborg Rennert	15
George & Pamela Rohr	11
Moise & Chella Safra	1
Sakhaie Family	2
Isaac Samuel	2
Schapira Family	1
Y. David & Cheryl Scharf	1
Reuven & Tzipora Schlussel & Family	2
Dan & Gloria Schusterman	3
Philip & Hedyeh Shaoul	2

DONOR POOL	Lives saved in 2021
Moshe & Zissel Shapiro	1
Shkedi Fluk - Effi Capital Fluk Holdings	1
Moshe Mordechai & Rivka Dalia Shoob	1
Mark & Barbara Silber	3
Benjamin & Friedl Sommer	1
Mona & David Sterling	1
Steven E. & Bonnie B. Stern	1
Stu's	3
Nicole Sussholtz	1
Moshe & Lillian Tabacinic	1
Rav Chaim & Itzik Tobolsky	2
Toronto Celebration of Life	1
Gabor Vardi	3
Bracha Vermus	1
Wiener, Widawsky, Rebenwurz	2
Winnipeg Community	2
Mina Wizner	1
Maurice & Vivienne Wohl	2
Arie & Chaney Wolfson	1
Daniel & Alicia Yacoby	1
Young Leadership	1
Marjorie & Arnold Ziff	1



# Revenues and Gains

Search and procurement fees	\$ 11,259,841
Government Ministry allocation	\$ 1,262,531
Public sector, service fees, etc.	\$ 398,261
Donations	\$ 6,619,835
<b>TOTAL INCOME</b>	<b>\$ 19,540,467</b>

# Expenses

Registry program services	\$ 7,743,914
Cancer support program services	\$ 10,418,854
Fundraising and management	\$ 1,193,923
<b>TOTAL INCOME</b>	<b>\$ 19,356,690</b>

6.1% expenses for administration

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



# Bone Marrow Registry and Cancer Support Services

## Statement of Activities as of December 31, 2021

Unaudited. NIS to dollar rate of exchange: 3.2221



# Uniting for the Future

Ezer Mizion's lifesaving efforts are possible only with the moral and financial support of our partners. Enable us to intensify our efforts. Support our mission to register more potential stem cell donors in our Registry. Help us provide cancer patients with the essential resources they need to survive, recover and thrive. Together, we can do more and save more lives.





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