Grapes: A Cancer Cell Inhibitor?

BRCA Gene Screening & Innovation
Cutting Edge Research & Fellowships
New Oncology & Cardiology Projects
Emergency Center on the Frontline
Securing Rabin Medical Center's Future

2018 Annual Report
ISRAEL’S RABIN MEDICAL CENTER IN PETACH TIKVAH, NAMED AFTER FORMER PRIME MINISTER YITZHAK RABIN, IS THE PRIDE OF ISRAEL WITH 1,000,000 PATIENTS ANNUALLY.

We have always viewed the sanctity of life as a supreme value.
Prime Minister Yitzhak Rabin (1922-1995)

GRAPES: A CANCER CELL INHIBITOR?

Israel’s Rabin Medical Center conducted a study at its immunologic-hematologic research lab to examine resveratrol and its effect on the prevention and delay of cancer. Their research proved that consumption of a chemical compound naturally occurring in grapes, resveratrol, has an impact on the prevention of cancerous tumors.

Rabin’s doctors added varying concentrations of resveratrol to cells of large-intestine cancer, along with white blood cells responsible for immunological reaction. Several findings were recorded, including a delay in the reproduction of the tumor cells and a decrease in the secretion of cytokines, proteins responsible for immunological reaction in the body. Lowering these substances reduces inflammation and may slow tumor development. Another observation was the increased production of TNF (Tumor Necrotizing Factor), which, among other functions, fights tumor cells.

The researchers found that the scope of effect by resveratrol depended on dosage: the more highly concentrated the compound, the stronger its effect. While the research today is not yet an unequivocal medical indication for consuming a certain amount of grapes a day, it does pave the way for further studies that could lead to practical recommendations regarding grapes as a cancer preventative.
Rabin Medical Center’s Breast Cancer Unit at its Davidoff Cancer Center accounts for one-third of the Oncology Institute’s clinical load. Serving patients from all over Israel, the Breast Cancer Unit provides comprehensive care from the diagnostic stage through systemic treatment and radiation therapy. In 2016, the Unit had 10,000 visits and 500 new patients. Approximately 2% of Israeli women carry the mutated BRCA gene, which leads to an 80% chance of developing breast or ovarian cancer.

Created to serve this population, the Breast Cancer Unit’s new BRCA Clinic recommends biannual visits including follow-up breast examinations, gynecological examinations and a CA-125 blood test. With a team of three oncologists, two surgeons, a gynecologist and a radiologist, the clinic serves hundreds of BRCA carriers annually. AFRMC is funding the BRCA Clinic in the expanded Davidoff Cancer Center and welcomes donations of any amount to support this vital project, with a total cost of $202,357.

**BRCA GENETIC RESEARCH**

**DR. RINAT YERUSHALMI, CO-DIRECTOR OF RABIN’S BRCA CLINIC**

“Women who carry the BRCA gene mutation have an 80% chance of developing cancer, primarily of breast and ovarian origin. Many women describe confirmation of carrier status as an overwhelming, life-changing event. Healthy individuals harboring a BRCA mutation constitute a high-risk population with unique needs, often overlooked by health authorities. As such, we felt the need to create a specialized service dedicated to this high-risk population. The clinic staff comprises an experienced team of health professionals who can support the medical and emotional needs of this population. A multidisciplinary clinic for BRCA mutation carriers provides a ‘home’ for this unique population with unmet needs.”

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**BREAST AND OVARIAN CANCER FACTS**

FACT: The Davidoff Cancer Center at Rabin includes six units and clinics, seven departments, and will be expanded to twice its present size by 2020.

FACT: 10% of breast cancer patients carry the mutated BRCA gene, and carriers face an 80% chance of developing breast or ovarian cancer.

FACT: 10% of Israeli women with breast cancer receive treatment at Rabin’s Cancer Center.
The Seventh Annual Cheryl Diamond NYC 5K Schlep Run / Walk for Breast and Ovarian Cancer, held in Battery Park on June 4, 2017, highlighted Rabin Medical Center’s BRCA Clinic, which serves women at high risk for developing breast and ovarian cancers. It also funds general research at Rabin’s Davidoff Cancer Center, a world-class facility for the treatment and prevention of the disease. The event was co-sponsored by American Self Storage, Altman Lighting, JCRC-NY, Israeli-American Council, the Celebrate Israel Day Parade, Central Synagogue, Congregation Emanu-El NYC, El Al Airlines, Congregation Ohab Zedek, Consulate General of Israel in NY, 14th Street Y, IDB Bank, Shiboleth LLP, Shleppers Moving & Storage, and StorageBlue. AFRMC thanks all participating teams, runners, walkers, sponsors, and donors.

WE HOPE TO SEE YOU AT THE 2018 NYC 5K SCHLEP ON SUNDAY JUNE 3, 2018!

WE SCHLEP IN HONOR OF MY MOTHER VICTORIA ALTMAN By Russell Altman

In 2008, at age 53, my mother Victoria Altman passed away due to complications in her battle with ovarian cancer, but that is not the story I tell. Instead, I tell the story of a strong woman who was a loving mother, a dedicated wife, and one of the hardest-working people I have ever met.

My mother met my father at age 15 and together their lives would never be the same. In their 31 years of marriage, my parents spent countless hours learning the family business under the guidance of my grandparents. Even during her final days, my mother continued with her dedication to the employees and clients of Altman Lighting with an unmatched determination.

A neighbor once told my father, “A family is like a pile of stones. When you remove one stone, one of two things can happen. The pile can fall apart, or the pile can nestle together.” With the loss of my mother, our family has nestled together and now we come together to walk in her honor. My mother was a shining light of strength and grace, and this is why we were proud to participate as Team Victoria in the NYC 5K Schlep. Ovarian cancer did not beat my mother nor define her.

Share your courageous stories of breast, ovarian, and prostate cancer. Email us at afrmc@afrmc.org or call 212-279-2522.
90 MEDICAL EXCHANGE FELLOWS IN 8 YEARS

Rabin Medical Exchange Fellows Program selects top doctors, researchers and medical practitioners from hospitals and research centers in the United States and Israel to conduct research and share expertise at their respective institutions. During their observerships in the USA, the Rabin Fellows engage in educational projects to benefit healthcare, treatment, and research at Israel’s premier medical center.

RABIN MEDICAL EXCHANGE FELLOWS

**DR. YARON BARAC, CARDIOTHORACIC SURGERY**
**DUKE UNIVERSITY, NORTH CAROLINA**

Dr. Yaron Barac is a cardiothoracic surgery specialist currently in a two-year AFRMC Rabin Medical Exchange Fellowship at the Heart and Lung Transplant and LVAD Program at Duke University Medical Center. He focuses on heart surgery, aorta surgery, and lung and cardiac assistance device transplantation.

**DR. YAEEL FEFERMAN, SURGICAL ONCOLOGY**
**MOUNT SINAI HOSPITAL, NEW YORK**

Dr. Yael Feferman was a Jonathan and Wendy Mechanic Fried Frank Rabin Research Fellow at the Department of Surgery at Mount Sinai Hospital. Dr. Feferman’s clinical research studies were chosen for podium and poster presentations for the 12th International Symposium on Regional Cancer Therapies.

**DR. FELIX BENNINGER, NEUROLOGY**
**UNIVERSITY OF CALIFORNIA, LOS ANGELES**

Dr. Felix Benninger, a two-time AFRMC fellow, recently spent two months at the Epilepsy Center at UCLA, where he completed rounds and learned new treatment options that are not yet available in Israel. Upon his return, Dr. Benninger is working on creating an Epilepsy Monitoring Unit at Rabin Medical Center.

**DR. LEOR PERL, INTERVENTIONAL CARDIOLOGY**
**STANFORD UNIVERSITY MEDICAL CENTER**

Dr. Leor Perl is in a two-year AFRMC Rabin Medical Exchange Fellowship in Interventional Cardiology / Biodesign Innovation at Stanford University Medical Center. Dr. Perl’s second year of the fellowship is a highly competitive innovation program at the Stanford Byers Center for Biodesign.

**DR. YARON BARAC, CARDIOTHORACIC SURGERY**
**DUKE UNIVERSITY, NORTH CAROLINA**

To support Rabin Medical Exchange Fellows, please call 212-279-2522
**CUTTING EDGE MEDICAL RESEARCH**

**WHAT’S NEW WITH RABIN MEDICAL CENTER DOCTORS?**

| Professor Eran Sharon at Rabin Medical Center is developing a stress-reducing drug that limits metastasis of cancer cells. | Professor Ran Kornowski, chairman of the Department of Cardiology, was elected president of the Israel Heart Society. |
| Dr. Zohar Levi is currently researching the link between adult colorectal cancer and weight as a teen. | Dr. Amit Akirov in the Institute of Endocrinology conducted research showing that hypoglycemia doubles mortality rates. |
| Dr. Dania Hirsch is studying differentiated thyroid cancer with distant metastases. | Dr. Leonid Edelman was re-elected president of the World Medical Association. |
| Dr. Asaf Olshinkan, an AFRMC Rabin Fellow, is pursuing his fellowship at Baylor College of Medicine focusing on craniofacial surgery. | Dr. Aviram Mizrachi discovered this year that nanoparticles help drugs target head and neck cancers. |
| Professor Yichayaou Beloosesky and Professor Abraham Weiss of Rabin’s Geriatric Department are running clinical trials on polypharmacy in nursing homes. | Dr. Salomon M. Stemmer recently published a report on the intracranial response to nivolumab in NSCLC patients at the Charles E. Trobman Oncology Data Management Center. |

Support innovative research at Rabin Medical Center. Call 212-279-2522

**RABIN ORTHOPEDIC DOCTORS HOSTED ANNUALLY IN LAS VEGAS**

In 2011 American Friends of Rabin Medical Center launched a Medical Exchange Fellows program to sponsor doctors, researchers, and nurses from Israel’s Rabin Medical Center to train at major hospitals and medical centers across the United States. AFRMC began this prestigious program by partnering with the Jewish Nevada Federation to bring one orthopedic surgeon annually to Las Vegas for training as a Rabin Fellow. Dr. Hugh Bassewitz of Desert Orthopaedic Center (left) hosts the fellows in this annual training program, now entering its seventh year. The fellows learn new surgical techniques and also participate in Jewish community events and conferences.

**2017-18 HOSPITALS AND CLINICS HOSTING RABIN MEDICAL EXCHANGE FELLOWS**

- Chicago University Medical Center (Gastroenterology)
- Columbia Presbyterian of New York (Cardiology)
- Stanford University Medical Center (Internal Medicine)
- Texas University Medical Center (Facial Reconstruction)
LINEAR ACCELERATORS
To administer radiation at Rabin’s Davidoff Cancer Center, the linear accelerators are undergoing hardware and software upgrades to enable better accuracy in existing treatments as well as new treatment capabilities. AFRMC is funding this upgrade for $800,000, along with further technology enhancements for these instruments.

TROBMAN ONCOLOGY DATA MANAGEMENT CENTER
The Charles E. Trobman Oncology Data Management Center was established in 1996 in memory of Charles E. Trobman by his parents Phyllis and Malcolm Trobman and his brother Leslie Trobman. Data registered at the center is used to support epidemiology studies and make predictions for annual clinical research.

UROLOGY UNIT PROSTATE ULTRASOUND SCANNER
Doctors in Rabin Medical Center’s Urology Unit (such as Dr. Marc Lubin, at left) focus on the diagnosis, treatment and management of cancers of the urinary tract and male reproductive organs. AFRMC raises money to help support this unit, including the purchase of a new prostate ultrasound scanner for $180,000.

NEW ACUTE MYELOID LEUKEMIA CENTER
The new AML Outpatient Clinic at Rabin Medical Center, slated to open in 2020, will provide comprehensive care for patients with acute myeloid leukemia. Procedures include chemotherapy, targeted drug therapy, bone marrow biopsies and stem cell transplants. AFRMC is funding this clinic for $293,055.

BRCA CARRIERS CLINIC FOR BREAST CANCER
The new BRCA Clinic within Rabin’s Breast Cancer Unit serves hundreds of BRCA carriers annually. The clinic provides active medical surveillance as well as up-to-date information on treatment and research into the illness. Expansion of the clinic, to be completed in 2020, costs $202,357.

EMERGENCY MEDICINE AND TRAUMA ULTRASOUNDS
The Jusidman Center for Emergency Medicine and Trauma, the largest and newest such facility in Israel, treats all patients regardless of their background, including patients from the West Bank and Gaza. AFRMC seeks $120,000 to fund two new ultrasound devices and a simulation mannequin and monitor for training.

To donate please call 212-279-2522 or email afrmc@afrmc.org
PACEMAKER & SPORTS CARDIOLOGY CLINICS
Located in Rabin’s Cardiology Division, the Pacemaker Examination Clinic and Sports Cardiology Clinic treat thousands of patients annually. The Pacemaker Examination Clinic provides follow-up care for patients with implanted devices, while the Sports Cardiology Clinic focuses on cardiac problems that arise during physical exercise. AFRMC is funding these clinics for $50,000 each.

PLASTIC SURGERY & BURNS DEPARTMENT EQUIPMENT
AFRMC is funding the acquisition of $115,000 of equipment for the Department of Plastic Surgery and Burns, including: a device to treat burn wounds, a tool for microsurgery, and a tool to harvest fat for grafting procedures. Additionally, AFRMC funds Rabin Medical Exchange Fellow Dr. Asaf Olshinka who focuses on facial reconstruction at the Texas Center for Facial Plastic Surgery at Texas Medical Center.

VISUAL ARTS IN THE INTENSIVE CARE UNIT
With funding from the Annenberg Foundation, Rabin Medical Center launched a new program, “Nature and Harmony in the Treatment Setting,” to provide sensory stimulation for patients in the Intensive Care Unit. This program provides critically ill patients in eight ICU rooms with video projections of landscapes, complete with sound, to decrease stress and prevent post-trauma syndrome disorders.

GASTROENTEROLOGY CLINIC VIDEO IMAGING
AFRMC is funding the acquisition of equipment for the Gastroenterology Clinic at Rabin Medical Center, at a total cost of $107,850: an imaging system video processor and light source, a video system cable, a videocolonoscope, a videoduodenoscope, and medical monitors. Further, AFRMC also supports Rabin Medical Exchange Fellow Dr. Jacob Olech (at left), who specializes in gastroenterology at Chicago University Medical Center.

CARDIOLOGY VITAL STATISTICS & TREATMENT AT RABIN MEDICAL CENTER
• 10% of all cardiac patients in Israel
• 35,000 annual visits to the outpatient Cardiology Clinic
• 5,000 cardiac catheterization procedures performed annually
• 4,000 patients hospitalized per year in ICCU and cardiac ward
CELEBRATING 23 YEARS OF AFRMC ACHIEVEMENTS

AFRMC’S 2016 GALA honored the American Friends of Rabin Medical Center Board of Directors and Founders at Cipriani 42nd Street NYC. The Gala celebrated the culmination of the twentieth anniversary of American Friends of Rabin Medical Center.

SEVENTH ANNUAL AFRMC CHERYL DIAMOND NYC 5K SCHLEP RUN / WALK on June 4, 2017 attracted runners, walkers, and donors to publicize genetic BRCA screening for breast and ovarian cancer treatment and research. Save the date for next year’s NYC 5K Schlep on Sunday June 3, 2018!

GOLF OUTING FOR PROSTATE CANCER AWARENESS was chaired by Steve Siegel, Bobby Scheinman, and Gadi Peleg on May 15, 2017 at The Old Westbury Club on Long Island, where over thirty foursomes participated. Save the date for next year’s outing on May 14, 2018!

ANNUAL CELEBRATION OF NY REAL ESTATE AND FINANCE in June was hosted by the Durst Organization and co-chaired by Mitchell Moinian and Spencer Pariser for 275 guests at One World Trade Center. Honoree Joanne Podell received the Deal of the Year award for the Nike Lease at 650 Fifth Avenue, NYC.

AFRMC TIMELINE

1936 Beilinson Hospital is founded by Kupat Holim HMO
1995 Beilinson & Hasharon Hospitals merge into Rabin Medical Center
1996 Charles E. Trobman Oncology Data Management Center established
1998 Gour Shasha Hospitalization Tower opens at Rabin
2001 AFRMC headquarters moves from Washington DC to NYC
2002 President Bill Clinton at NYC Gala; Larry King, Master of Ceremonies
2003 Senator Hillary Clinton and Prime Minister John Major at NYC Gala
2005 Davidoff Comprehensive Cancer Center opens
2006 First New Circle Young Professionals NYC real estate event
2007 Raphael Recanati Genetics Institute opens
2008 NY Quaker Ridge Golf Outing launches for prostate cancer care
2009 Charlie Rose, NYC Gala Master of Ceremonies
2011 Rabin Fellows Program launches in Las Vegas
2014 Jusidman ER & Trauma Center opens at Rabin Medical Center
2015 Helmsley Trust funds Rabin Transplantation Center
2018 New Transplantation Center to open at Rabin Medical Center
2020 Davidoff Comprehensive Cancer Center expansion to be completed
A 32-year-old Israeli-Arab man was wounded July 24, 2017 in Israel from a stabbing attack near Petach Tikva’s Central Bus Station. The man was rushed to Rabin Medical Center. The attacker was a 21-year-old Palestinian man who was caught and taken into custody. On July 20 a 19-year-old Palestinian terrorist fatally stabbed an Israeli father and two of his adult children in a West Bank community. The terrorist burst into the family’s home as they gathered for a Shabbat dinner. He stabbed four members of the family before a neighbor, who heard the screaming, shot him. The terrorist was treated at Rabin Medical Center.

Rabin Medical Center’s Jusidman Emergency and Trauma Center cares for both victims and perpetrators of terrorist attacks and other emergencies. Designated as one of only six Level 1 Trauma Centers in Israel, this unit of Rabin Medical Center treats adults and children who find themselves in life-threatening circumstances.

The Jusidman Emergency and Trauma Center includes: a Level 1 Trauma Unit Fast-Track Clinic, Triage and Admittance, Imaging Facilities, and an Emergency Care Wing for Acute Care. AFRMC is funding two new ultrasound devices, one simulation mannequin for training, and one simulation monitor for training, totaling $120,000. Donate now to the Jusidman Emergency and Trauma Center.

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<tr>
<th>RABIN MEDICAL CENTER VITAL STATISTICS</th>
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<tr>
<td>1,000,000 ANNUAL PATIENT VISITS</td>
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<td>170,000 ER ADMISSIONS</td>
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<td>35,000 SURGICAL PROCEDURES</td>
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<td>22,350 GENETICS CONSULTATIONS</td>
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<td>10,000 BIRTHS</td>
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<td>1,100 HEART OPERATIONS</td>
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<td>290 ORGAN TRANSPLANTS</td>
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<td>120 BONE MARROW TRANSPLANTS</td>
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<td>50 RESEARCH LABORATORIES</td>
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**EMERGENCY MEDICINE DIRECTOR**

Professor Michael Drescher has been at Rabin since 2016. Prior to this position, he was a senior physician and deputy manager at the Emergency Department of Hartford Hospital in Connecticut. A specialist in emergency medicine, he has more than 50 publications in leading scientific magazines as well as prestigious international media coverage. Dr. Drescher focuses on pain, imaging, and emergency medicine manpower.
SUPPORT RABIN MEDICAL CENTER’S ONE MILLION PATIENTS

PRIME MINISTER SHIMON PERES (1923-2016)
“In Israel, a land lacking in natural resources, we learned to appreciate our greatest national advantage: our minds. Through creativity and innovation, we transformed barren deserts into flourishing fields and pioneered new frontiers in science and technology.”

PRESIDENT WILLIAM JEFFERSON CLINTON
“For two decades you’ve been an important partner in the Rabin Medical Center’s mission to offer excellent care to all who need it. You should all be proud that the funds you raise support not just the expansion of critical facilities but a vision for compassionate care that transcends borders and beliefs.”

RABBI JOSHUA ELI PLAUT, PH.D., AFRMC EXECUTIVE DIRECTOR
“Because of our critical help, Israel’s Rabin Medical Center stands as a pillar of strength with its recently opened Emergency and Trauma Center, which handles war casualties and everyday emergencies, serving 200,000 patients annually. We must fund new emergency and burn unit medical equipment for soldiers. Thank you to all our friends.”

GIVING OPPORTUNITIES

CAPITAL GIFTS & NAMING OPPORTUNITIES
Provide funding for construction, renovation, or purchase of medical equipment that enables patients to receive the most advanced and comprehensive care. Naming opportunities are available for research programs, scholarships, buildings, wings, rooms, laboratories, and equipment.

FOUNDATIONS & FAMILY TRUSTS
Private and corporate foundations and family trusts support the hospital’s efforts to foster the most brilliant researchers and innovative medical care in the Middle East and beyond.

JEWISH FEDERATIONS
Annual funding is awarded from Jewish Federations across the United States for specific projects at Israel’s Rabin Medical Center.

CORPORATE SPONSORSHIPS AND MATCHING GIFT PROGRAMS
Your corporation can join the list of corporations that make annual commitments of $5000 or more to fund the hospital. Our organization also participates in matching gift programs.

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

CHARITABLE GIFT ANNUITIES
Transfer assets in any form and in return we will pay you a fixed amount for a lifetime!

BEQUESTS
Create a lasting legacy by naming American Friends of Rabin Medical Center in your will. Bequests are made primarily through gifts of cash, securities, personal property, and real estate.

Give the following sample bequest text to your lawyer and estate planner: I give and bequeath the sum of $____. (or ____% of my residuary estate) to American Friends of Rabin Medical Center, a 501(c)3 not-for-profit tax-exempt organization, whose primary offices are currently at 636 Broadway, Suite 618, New York, NY 10012 (Federal ID# 52-1903777), to be used in support of its general charitable commitments.

DONATE URGENT MEDICAL EQUIPMENT
OXYGEN MASK: $250 • CHEMOTHERAPY WIG: $500 • BURN UNIT EQUIPMENT FOR SOLDIERS: $3,500
ONLINE: WWW.AFRMC.ORG OR CONTACT US: 212-279-2522 OR AFRMC@AFRMC.ORG
RABIN MEDICAL CENTER RANKS #1
IN PATIENT SATISFACTION IN ISRAELI
HEALTH MINISTRY SURVEY

2017 Annual Gala
Tuesday, November 28, 2017 • 6PM
Cipriani 42nd Street, NYC

MASTER OF CEREMONIES
MAGALIE LAGUERRE-WILKINSON
60 Minutes - CBS News

2017 GALA HONOREES

HIS EMINENCE
TIMOTHY CARDINAL DOLAN
ARCHBISHOP OF NEW YORK
for Outstanding Religious Leadership

SCOTT RECHLER
CHAIRMAN AND CEO, RXR REALTY
for Exemplary Civic &
Corporate Responsibility

INTRODUCTION OF HONOREES
MARY ANN TIGHE, CEO, New York Tri-State Region, CBRE

BROADWAY ENTERTAINMENT
HAMILTON’S ORIGINAL CAST MEMBERS
SYDNEY JAMES HARCOURT
CARLEIGH BETTIOL

RESERVE NOW: 212-279-2522 AFRMC.ORG

American Friends of Rabin Medical Center sponsored Dr. Moran Hellerman and Dr. Shai Shimony, both studying palliative care, to visit Calvary Hospital in the Bronx, New York, which is operated in connection with the Catholic Archdiocese of New York. Palliative care focuses on easing a patient’s symptoms and improving quality of life, whether for a terminal disease or severe illness.

Dr. Moran Hellerman took part in a month-long fellowship for both palliative care and internal medicine and was sponsored by Ariel Property Advisors. Her experience allowed her to improve the quality of life for palliative care patients at Israel’s Rabin Medical Center.

Dr. Shai Shimony, also an AFRMC Rabin fellow in palliative medicine at Calvary, remarked: “My medical, mental, and social tool-box, the one I use to help my patients, is loaded with new knowledge and equipment. I am proud to say it is much heavier now.”