



Montefiore Einstein Center for Cancer Care

DELIVERING
THE BEST CARE,
ONE PATIENT
AT A TIME

Montefiore
DOING MORESM



“IF IT WASN’T FOR THE DOCTORS AT THE WHITE PLAINS HOSPITAL CANCER PROGRAM AND MONTEFIORE EINSTEIN CENTER FOR CANCER CARE, I WOULDN’T BE HERE. I OWE THOSE DOCTORS MY LIFE.”

— Louanne Mitchell, treated for metastatic malignant melanoma

Visit www.montefiore.org/cancer
to watch Louanne’s full story.

DELIVERING THE BEST CARE, ONE PATIENT AT A TIME

Montefiore Einstein Center for Cancer Care delivers advanced patient-centered, multidisciplinary care designed to maximize treatment outcomes while optimizing the quality of life for each patient. The Center for Cancer Care represents the strong partnership between Montefiore and Albert Einstein College of Medicine, which allows for the translation of research and knowledge into improved prevention, diagnosis and treatment of all cancers.

Our internationally recognized multidisciplinary care teams offer our patients access to advanced and customized treatments, the latest and most relevant cancer clinical trials, as well as a complete array of support systems for patients and caregivers.

Montefiore Einstein Center for Cancer Care is proud to be named a high-performing center in adult and pediatric cancer by *U.S. News & World Report*. The Center for Cancer Care works in tandem with the Albert Einstein Cancer Center, which is one of only 68 National Cancer Institute (NCI)-designated cancer centers, and the only one in the Bronx and Westchester County. This designation means that patients receive state-of-the-art care, with access to potentially lifesaving clinical trials.

The Center for Cancer Care eradicates traditional boundaries between specialists, by delivering care through disease-based, multispecialty healthcare professional teams. These teams hold regular clinical sessions and meetings to examine and discuss each case to develop a holistic, individualized treatment plan designed to maximize outcomes while using the least invasive, least toxic approaches. Patients, families and caregivers leave every visit with an updated treatment plan, as well as the support necessary to make informed decisions and take the next steps toward recovery.

All patients are also paired with a patient navigator who seamlessly guides them through every step of the treatment process. These professionals identify each patient's needs and facilitate treatment with other members of the medical team, serving as a liaison during the journey through cancer diagnosis and treatment. Patient navigators also connect patients with additional resources, including nutritional counseling, financial planning and support groups.

We make every effort to consolidate patient appointments, to ease the process for our patients. Our doctors never rush; they spend as much time as needed with patients and family members to explain recommended approaches, identify risks and benefits, and listen to any and all concerns as treatment progresses.



OUR INTERNATIONALLY
RECOGNIZED MULTIDISCIPLINARY
CARE TEAMS OFFER OUR PATIENTS
ACCESS TO ADVANCED AND
CUSTOMIZED TREATMENTS, THE
LATEST AND MOST RELEVANT
CANCER CLINICAL TRIALS, AS
WELL AS A COMPLETE ARRAY
OF SUPPORT SYSTEMS FOR
PATIENTS AND CAREGIVERS.

**MONTEFIORE EINSTEIN
CENTER FOR CANCER CARE
BY THE NUMBERS: 2015**

140,028

THE NUMBER OF OUTPATIENT
RADIATION, MEDICAL AND COMMUNITY
ONCOLOGY TREATMENTS AND VISITS

235

THE NUMBER
OF ACTIVE
CLINICAL TRIALS

HIGHLIGHTS

National Cancer Institute (NCI) funding to explore carbon ion therapy for pancreatic cancer. Clinical protocols for this Phase III trial will be performed at the Shanghai Proton and Heavy Ion Center (SPHIC). Montefiore is the only U.S. institution to hold an agreement with SPHIC.

NCI funding for the Paul Calabresi Career Development Award for Clinical Oncology (PCACO). With only 15 of its kind throughout the country, the nationally-renowned PCACO is a resource geared toward bench-to-bedside cancer therapeutic research through a coordinated mentoring program, formal courses and interdisciplinary research projects.

For two consecutive reviews, the American College of Surgeons Commission on Cancer's Outstanding Achievement Award in recognition of our exemplary cancer care.

A three-year, full accreditation designation by the National Accreditation Program for Breast Centers (NAPBC) for our Breast Cancer Program. This confirms our commitment to exceeding national guidelines for the complete treatment of breast diseases.

Accredited by the Foundation for the Accreditation of Cellular Therapy (FACT) for our Bone Marrow Transplant Program, which offers the full spectrum of stem cell transplants.

Fully accredited by the American College of Radiology Practice Accreditation Program for our Department of Radiation Oncology.

SUPPORT SERVICES AT MONTEFIORE EINSTEIN CENTER FOR CANCER CARE

We offer a multitude of free support services to help patients and their families cope with the psychological and emotional effects of cancer and its treatment. These include:

INDIVIDUAL AND BEREAVEMENT COUNSELING

THE BRONX ONCOLOGY LIVING DAILY (B.O.L.D. LIVING) PROGRAM

Provides a variety of free mind-body, creative arts and educational wellness workshops designed to empower and enhance the physical and emotional well-being of cancer patients and their loved ones. Sample workshops include: Reiki healing, drum circle, crochet, meditation, fitness/nutrition and scrapbooking.

THE B.O.L.D. BUDDIES PROGRAM

Offers compassionate treatment companions and phone support "buddies" for those coping with cancer alone.

THE B.O.L.D. BROTHERS/SISTERS PROGRAM

Offers assessment, research opportunities and referral to counseling, support and educational services and resources for teens and young adults who have a parent or caregiver living with cancer.

THE QUALITY-OF-LIFE SCREENING PROGRAM

Identifies the physical, emotional and spiritual needs of cancer patients and their families and connects them with free support services.

YOGA-BASED CANCER REHABILITATION

Launched in 2001 with funding from the National Cancer Institute, the Langeloth Foundation and other private sources, this program provides breast, lung and colorectal cancer patients with 12 weeks of free yoga as part of a research study to examine the beneficial effects of yoga on physical and emotional well-being after cancer.

MIND-BODY-SPIRIT SUPPORT GROUP

Developed through a grant from the American Cancer Society, this group explores the physical, emotional and spiritual challenges of living with cancer while helping to empower patients through connection, faith, education and shared support.

EAT HEALTHY, SHOP SMART

Our oncology nutritionists teach patients how to choose fresh and healthy foods to help fight their disease and minimize the side effects of treatment. Patients and families also tour Montefiore's Farmers Market at the Moses Campus during the spring and summer.

BE BOLD—QUIT SMOKING PROGRAM

Developed by a health psychologist, this program includes well-tested tips and tools for breaking the habit and conquering urges and temptations to smoke, including free nicotine replacement therapy, pharmacotherapy education, relaxation training and stress management strategies.

STRENGTH THROUGH LAUGHTER

Patients gather for laughs, friendship and support. It is a place where hope is kept alive, sadness is shared and laughter provides a constant escape.

YOU ARE NOT ALONE

YOUR SUPPORT CONNECTION:
CALL 718-430-2380 OR VISIT
[MONTEFIORE.ORG/
CANCER-SUPPORT-SERVICES](http://MONTEFIORE.ORG/CANCER-SUPPORT-SERVICES)



LEADING THE WAY

Since 1972, the Albert Einstein Cancer Center has been an NCI-designated cancer center, one of only 69 nationwide and the only one in the Bronx and Westchester County. These prestigious centers are devoted to developing and translating scientific knowledge from promising research into new clinical treatments. As a result, the Center provides some of the region's most advanced care.

More than 200 researchers at Einstein focus their efforts on the development and clinical evaluation of cutting-edge therapies and investigational approaches designed to improve outcomes and reduce toxicity. The Albert Einstein Cancer Center also enables us to quickly bring research findings into the clinical setting to benefit our patients.

The partnership between Montefiore and Einstein has already led to many important contributions in cancer prevention and treatment, including:

MOLECULAR-BASED ANALYSES of breast tumors that enable targeted, individualized treatment

DEVELOPMENT OF TAXOL® as a cancer treatment

IDENTIFICATION OF HUMAN PAPILLOMAVIRUSES (HPV) as targets for cervical screening and vaccines designed to prevent cervical cancer

RADIOFREQUENCY TECHNIQUES to destroy radiation-resistant prostate cancer

GENETIC TESTS to identify patients most likely to respond to molecular-based therapies



OUR AREAS OF EXPERTISE

BREAST CANCER

Our Breast Cancer Program, accredited by the National Accreditation Program for Breast Centers, houses expert multidisciplinary teams, including surgical, radiation and medical oncologists, plastic surgeons and nurses. The teams focus on screening and prevention, early and minimally-invasive diagnosis, innovative therapies, clinical trials and breast cancer survivorship.

WE ARE ONE OF THE REGION'S FEW CENTERS TO USE THE GENETIC MAKEUP OF TUMORS TO PREDICT RECURRENCE.

HIGHLIGHTS OF THE PROGRAM

- Our surgeons perform sentinel lymph node biopsies, breast-conserving lumpectomies, and nipple- and skin-sparing mastectomies. We also offer breast reconstruction using autologous tissue or tissue expanders and implants. Should whole-breast radiotherapy be required, hypo-fractionated, prone-breast intensity-modulated radiation therapy (IMRT) delivers conformal radiation that spares heart, lungs and skin.
- We are one of the region's few centers to use the genetic makeup of tumors to predict recurrence. This personalized approach to medicine helps guide treatment in women with early-stage breast cancer.
- We are a leading national and international clinical trial center for breast cancer. Our investigational history has created seminal data in breast conservation therapy, hormonal therapy and chemotherapy for early-stage, high-risk patients. In addition, we are a clinical trial center for PARP inhibitors, a new class of drugs that shows great promise for treating patients with triple-negative cancers.

For more information about Montefiore Einstein Center for Cancer Care Breast Cancer Program, visit www.montefiore.org/breast-cancer or call 718-862-8840.



THE ALBERT EINSTEIN
CANCER CENTER IS ONE OF ONLY **69**
NATIONAL CANCER INSTITUTE (NCI)-DESIGNATED
CANCER CENTERS NATIONWIDE.

OUR SURGICAL PROCEDURES ARE DESIGNED TO REDUCE SIDE EFFECTS AND OPTIMIZE OUTCOMES. TRANSANAL MINIMALLY-INVASIVE SURGERY (TAMIS), FOR EXAMPLE, ALLOWS SURGEONS TO REMOVE LARGE TUMORS WITH LESS PAIN AND SCARRING—AND A REDUCED RISK OF FECAL INCONTINENCE.



CHILDHOOD CANCERS AND BLOOD DISORDERS

At Children's Hospital at Montefiore (CHAM), a dedicated inpatient unit and pediatric infusion suite reflect our focus not only on the medical needs of children with cancer and blood disorders, but also on the emotional and physical needs of their families. Within this child-centered facility, we provide age-appropriate care, state-of-the-art technology and a passionate, skilled team of physicians and support staff. This focus has gained CHAM recognition from *U.S. News & World Report* as one of the nation's best children's pediatric cancer hospitals.

HIGHLIGHTS OF THE PROGRAM

- The Pediatric Hematology, Oncology, and Marrow and Blood Cell Transplantation Program offers more than 50 clinical trials, making us a destination site for families seeking novel therapies. In addition to leadership roles in the Children's Oncology Group, our team members help lead the Pediatric Preclinical Testing Program, the Dana-Farber Cancer Institute's Leukemia Consortium, the Sarcoma Alliance for Research through Collaboration, the Moffitt-led Sunshine Project consortiums, and Pediatric Blood and Marrow Transplant Consortium. We also sponsor a variety of institution-led studies and industry-sponsored studies.
- At CHAM, our specialists practice with a cancer center's focus within a children's hospital that can provide the vast resources needed for the comprehensive care

of the patient and the whole family. Our ambulatory chemotherapy suite allows complex chemotherapy regimens to be delivered safely without requiring hospitalization to help reduce stress for children and their loved ones. Hospitalized patients share an entire hospital unit with the personnel and infrastructure needed for the best cancer and transplantation care. Our FACT-accredited transplantation program is offering treatment options for even the most at-risk children. Pediatric subspecialty surgeons from all disciplines help ensure that whatever the cancer, our patients benefit from premier medical and surgical care. And our supportive care teams, including palliative and integrative medicine, social workers, teachers, nutritional therapists, child life professionals and many others, ensure that our patients live to the fullest while under our care.

For more information about the Pediatric Cancer Program at Montefiore Einstein Center for Cancer Care, visit www.cham.org/hemonc.

COLORECTAL CANCER

For best outcomes in colorectal cancer, treatment should be optimized according to tumor site, presentation, genetics and other risk factors. Our multidisciplinary team, which includes surgeons, radiation and medical oncologists, radiologists, pathologists, nutritionists, clinical researchers and other support staff, takes these factors into consideration when devising a treatment plan.

HIGHLIGHTS OF THE PROGRAM

- Our surgical procedures are designed to reduce side effects and optimize outcomes. Transanal minimally-invasive surgery (TAMIS), for example, allows surgeons to remove large tumors with less pain and scarring—and a reduced risk of fecal incontinence. Transanal endoscopic microsurgery (TEMS) is a minimally-invasive approach that removes tumors that cannot be removed during a colonoscopy.
- For patients with advanced colon cancers that have spread to the lining of the peritoneal cavity, we are one of a handful of centers offering a highly-specialized treatment called HIPEC (hyperthermic intraperitoneal chemotherapy). This procedure uses tourniquets to isolate the circulatory system in the abdomen, and then delivers high doses of slightly-heated chemotherapy into the peritoneal cavity for up to 90 minutes. After the highly-toxic drugs kill the peritoneal cancer, they are washed out of the cavity.

- We use IMRT to target the tumor or tumor bed while protecting the bowel and pelvic bone marrow. In addition, our radiologists partner with the Center for Cancer Care's diagnostic imaging professionals, who use specialized imaging techniques to plan treatment.
- Our award-winning Colorectal Cancer Clinical Trials Unit gives patients access to the newest research advances. A recent trial utilizing findings from the Albert Einstein Cancer Center combines Reolysin, a live virus, and FOLFIRI chemotherapy. It shows promise for patients whose tumors have the Kras genetic mutation. Another study focuses on minimizing the side effects of FOLFOX chemotherapy in Stage 3 colorectal cancer. And yet another investigates the benefits of combining FOLFOX with bevacizumab to shut off a tumor's ability to grow blood vessels in patients with metastatic disease.



To learn more about the Colorectal Cancer Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/cancer/colorectal-cancers or call 718-862-8840.

COMMUNITY ONCOLOGY PROGRAM

The Community Oncology Program was established to help address the barriers that prevent medically underserved residents of the community from accessing quality healthcare. The Program's mission is to provide access to preventative and cutting-edge cancer care and research to Bronx and Westchester patients and families through education, outreach and community engagement.

HIGHLIGHTS OF THE PROGRAM

- Providing community education programs in English and Spanish, and up-to-date information about issues related to cancer, including prevention, wellness, community resources, research, treatment options and cutting-edge oncology care, to residents of the Bronx and Westchester.
- Delivering more patients from traditionally underserved communities with high-quality cancer care and research.
- Serving as a hub for local cancer patients and physicians.
- Enhancing awareness and visibility of Montefiore's Department of Oncology and Montefiore Einstein Center for Cancer Care.



- Creating a network of partnerships with local and regional community organizations and healthcare facilities to improve care coordination and treatment access for medically underserved cancer patients.

For more information or to arrange a community education program (in English or Spanish) about a cancer-related topic, contact Fernando Camacho, MD, Director, at 718-405-1700, or fcamacho@montefiore.org, or Laura Ortiz, Physician Liaison and Coordinator, at 718-405-1700 or laortiz@montefiore.org.

ENDOCRINE/NEUROENDOCRINE CANCERS

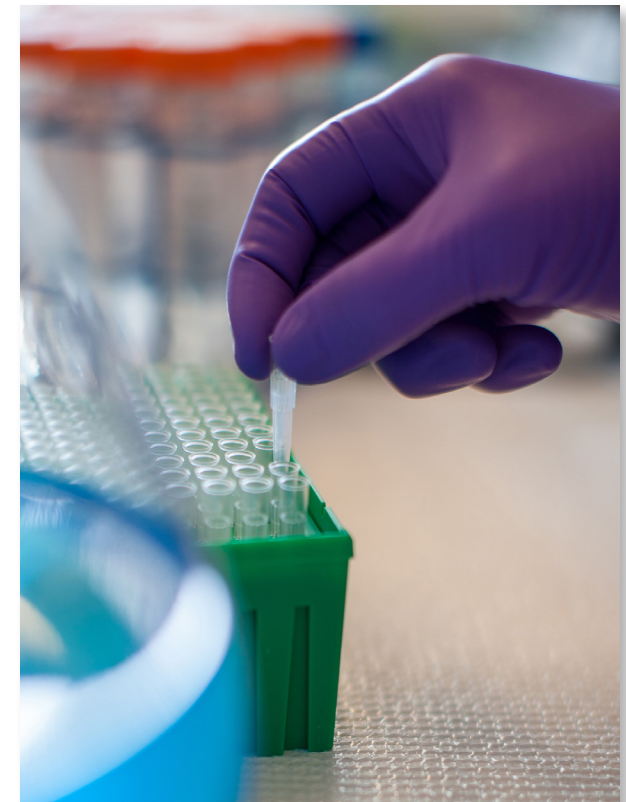
The Endocrine and Neuroendocrine Tumor Program at Montefiore Einstein Center for Cancer Care is the first of its kind in the New York metropolitan area and one of only a few in the country. Utilizing the most advanced treatments and technologies, Montefiore is at the forefront in research and multidisciplinary care. Working collaboratively, a highly-skilled multispecialty team of physicians evaluates and treats all types and stages of endocrine and neuroendocrine (NET) tumors, ranging from tumors of the small intestine (carcinoid), pancreas, lung and colon to NET of the rectum, appendix, stomach and other sites. We treat patients with hormone-producing NET such as carcinoid (serotonin), gastrinoma (gastrin), insulinoma (insulin), glucagonoma (glucagon), VIPoma (VIP), liver metastasis and carcinoid syndrome. We also treat tumors of the thyroid, parathyroid, adrenal and pituitary.

HIGHLIGHTS OF THE PROGRAM

- Montefiore offers a wide array of minimally-invasive treatment options, including laparoscopic approaches and the directed parathyroidectomy technique, which utilizes precision imaging to identify the exact location of the parathyroid to allow removal through a very small incision.
- Systemically administered agents, such as somatostatin analogues, octreotide, sunitinib and everolimus, provide state-of-the-art treatment options. For patients with more advanced or aggressive tumors, Montefiore Einstein Center for Cancer Care also offers a variety of combination cytotoxic chemotherapies. Directed radiation therapy is another option to reduce toxicity.
- Research efforts focus on finding the most effective and least toxic treatments, such as pasireotide, lanreotide, everolimus, other m-TOR inhibitors, anti-angiogenic drugs, new directions in immunotherapy, novel targeted biologic anti-cancer treatments, as well as targeted treatment of liver metastases, and targeted radiation.
- A genomics trial is in place as a means of gaining a better understanding of genetic pathways involved in controlling tumors. We have active trials treating lung carcinoid tumors with lanreotide, treatment of neuroendocrine (carcinoid) tumors with Lu-177-DOTATATE, imaging neuroendocrine tumors with Ga-68-DOTATATE PET/CT, and other neuroendocrine tumor trials currently under way or in development.

For more information on the Endocrine/Neuroendocrine Tumor Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/endocrine-neuroendocrine-tumors, or call 718-862-8840.

THE ENDOCRINE AND
NEUROENDOCRINE TUMOR
PROGRAM AT MONTEFIORE
EINSTEIN CENTER FOR
CANCER CARE IS THE FIRST
OF ITS KIND IN THE NEW
YORK METROPOLITAN AREA
AND ONE OF ONLY A FEW IN
THE COUNTRY.





GYNECOLOGIC CANCERS

Early detection and treatment are the best defenses against endometrial (uterine), cervical, ovarian, vulva and vaginal cancers. Our team of gynecologic oncologists, specially-trained clinicians, nurses and support staff specializes in the prevention, diagnosis and treatment of these hormone-dependent cancers. We are also the site of one of the few gynecologic oncology fellowship programs in the United States.

HIGHLIGHTS OF THE PROGRAM

- Most surgeries are performed robotically using laparoscopic devices that minimize incision size, lessen pain and allow patients to leave the hospital sooner. Our state-of-the-art therapies also include outpatient

surgical techniques for precancerous lesions (infrared coagulation, LEEP, laser or cryotherapy).

- New treatment approaches such as coordinated chemotherapy and radiation are used. High-dose brachytherapy, for example, involves placing special containers with high doses of radiation directly in the cervix to better target tumor cells. We also provide precision radiation to protect healthy tissue.
- We offer a full genetic and clinical screening program for ovarian cancer. Those at risk may be candidates for preventive surgery or other interventions.
- Always spearheading new approaches, we have a robust clinical trial program that includes studies of novel drugs and immunotherapies that can protect or treat women with infection from the HPV virus.

- Our doctors are members of NRG Oncology, a nonprofit, national organization that performs more gynecological cancer research than any other organization in the nation. The group currently has more than 25 ongoing clinical trials.

For more information about the Gynecologic Oncology Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/gynecologic-cancers or call 718-862-8840.

HEAD AND NECK CANCER

Head and neck cancer is one of the most psychologically devastating cancers. For this reason, we surround our patients with a comprehensive team of experts who work closely together to treat the cancer, repair the damage and provide the emotional support needed. Our team includes surgical, medical and radiation oncologists; nuclear medicine experts; nutritionists; speech and swallow specialists; and psychologists. Together, they develop a unified and individualized treatment plan for each patient and continually assess progress.

HIGHLIGHTS OF THE PROGRAM

- We are pioneers in transoral robotic surgery, which Montefiore began performing in 2006, and one of the first two institutions in New York City to offer this unique approach. Rather than cutting open the neck or jaw, we enter through the mouth, hastening healing, reducing the risk of major complications, and often eliminating the need for a feeding tube and tracheotomy.





- We treat patients from other institutions whose previous treatments, especially radiation therapy, have failed. We are one of the very few institutions that use high-dose brachytherapy, in addition to image-guided radiation therapy (IGRT) and nuclear magnetic

relaxation dispersion (NMRD). We work to prevent dry mouth by utilizing IMRT close to the salivary glands. And we use IGRP to deliver precise radiation with fewer side effects.

- We have a robust research effort into the implications of HPV in head and neck cancer. We are also participating in a national trial that evaluates the role of transoral surgery in reducing the intensity of chemotherapy and radiotherapy in HPV-positive cancer patients.
- Our large clinical trial portfolio gives our head and neck cancer patients access to the newest treatments, challenging the current standards of care, including novel immunotherapeutic agents. Montefiore has participated in clinical trials of several anticancer agents leading to FDA approval, including cetuximab (for patients with squamous cancers) and lenvatinib (for patients with thyroid cancer).

For more information about the Head and Neck Cancer Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/head-and-neck-cancer or call 718-862-8840.

HEMATOLOGIC ONCOLOGY

Most patients with blood cancers such as leukemia will eventually require a stem cell transplant. Montefiore Einstein Center for Cancer Care is accredited by the Foundation for the Accreditation of Cellular Therapy (FACT), and we offer the full spectrum of stem cell transplants. This includes transplants with your own tissue, tissue from family members and tissue from unrelated donor transplants.

HIGHLIGHTS OF THE PROGRAM

- We offer the highest levels of cellular therapy, including autologous (own tissue), allogeneic (tissue from family) and unrelated donor transplants.

Our new haploidentical transplant program offers potentially lifesaving transplant therapies to the more than 50 percent of patients who cannot find a fully matched donor.

- We are the only center evaluating the potential benefits of a triple regimen of the chemotherapy drugs busulfan, melphalan and bortezomib prior to an autologous stem cell transplant in patients with multiple myeloma.
- Montefiore Einstein Center for Cancer Care is the only center on the east coast involved in a Phase I study of the deglycosylated ricin A, in combination with high-dose cytarabine in adult relapsed or refractory B-lineage acute lymphoblastic leukemia.
- Other research involves developing a personalized treatment program for myeloma patients, based on how the body metabolizes drugs. The goal is to improve efficacy while minimizing toxicities. Additionally, we are investigating an agent that may enhance the safety and outcomes of stem cell transplants by helping blood counts return to normal faster after transplant.

For more information about the Hematologic Oncology Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/hematologic-malignancies or call 718-862-8840.

INTEGRATIVE ONCOLOGY

Our Integrative Oncology Program provides outpatient services to anyone, including Montefiore patients, family caregivers, those receiving cancer care elsewhere, and members of the community. Our multidisciplinary experts work cooperatively with the primary oncology team, along with palliative care, social work, nutrition and other subspecialties as needed, to build comprehensive and integrative care plans that are culturally sensitive, personalized, evidence-based and safe to improve health, quality-of-life and clinical outcomes.

The Program's mission is to educate clinicians, researchers, patients and the Bronx community at large about the uses, evidence base and critical importance of integrative oncology in cancer care. In partnership with the BOLD Program, we provide access to a needs-based and culturally-aligned integrative oncology service for patients at every stage of cancer treatment and level of clinical status, regardless of one's ability to pay or insurance status. Ongoing needs assessments are conducted to identify and inform services, and provide an infrastructure for research initiation and collaboration in Integrative Oncology.

We strive toward the development of a Cancer Wellness Center in which to house a multidisciplinary program of integrative oncology and cancer survivorship services. Certified therapists and experienced volunteers who are highly sensitive to patient and family needs provide a range of culturally-informed integrative oncology therapies, in English and Spanish, which include:

CREATIVE ARTS



*Crochet/Scrapbooking/Expressive Writing
Drum Circle
Board/Card Games*

MIND-BODY MODALITIES



*Yoga
Mindfulness Meditation
Dance Movement Therapy
Reiki*

NUTRITION/PHYSICAL ACTIVITY



*Cooking Classes
Walking Group*

PSYCHOSOCIAL SUPPORT



*Counseling
Support Groups
Peer Support*

For more information about the Integrative Oncology Program at Montefiore Einstein Center for Cancer Care, call 718-430-2380 or email cancersupport@einstein.yu.edu.



THE UNRIVALED CLINICIANS
AND SCIENTISTS OF THE
HEPATOBIILIARY CANCER
PROGRAM CAN RAPIDLY
ASSESS NEW PATIENTS IN A
MULTIDISCIPLINARY CENTER,
AND TYPICALLY DEVELOP
INDIVIDUALIZED TREATMENT
PLANS ON THE SAME DAY.

LIVER CANCER

The unrivaled clinicians and scientists of the Hepatobiliary Cancer Program can rapidly assess new patients in a multidisciplinary center, and typically develop individualized treatment plans. The team includes liver cancer surgeons, hepatologists, medical and radiation oncologists and interventional oncologists who collaboratively evaluate all types of cancers, including cholangiocarcinoma (biliary cancer), hepatocellular cancer and secondary cancer that has metastasized to the liver. This broad expertise and range of in-house treatment options are available at only a handful of medical centers nationwide.

HIGHLIGHTS OF THE PROGRAM

- Montefiore offers a full range of options, from complex liver surgery and transplantation to minimally-invasive procedures, including procedures that many institutions cannot perform due to a lack of infrastructure and expertise. Our cardiac and liver

surgeons are able to create controlled temporary cardiac arrest (hypothermic arrest) during surgery to permit resection of tumors in locations previously considered unapproachable. These advanced treatments may allow patients to avoid the need for transplantation.

- Patients who may not be candidates for surgery can benefit from other options, such as transcatheter embolization, which delivers chemotherapy through the arteries to the liver. Stereotactic radiosurgery precisely targets and destroys liver tumors. Percutaneous tumor ablation offers precision treatment as well, often in an outpatient setting. Transarterial embolization can help block the blood supply to the tumor, causing it to die.
- An emphasis on innovation and translational research allows patients to participate in clinical trials. Montefiore is at the forefront in cancer proteomics, the study of proteins in malignancy. Our researchers are currently attempting to create a protein signature test for the early detection of liver cancers in at-risk patients, such as those with hepatitis C or B.
- We are one of only four locations in the United States offering isolated hepatic perfusion (IHP) to patients with advanced metastatic liver disease. IHP is a surgical procedure in which the liver is perfused with high doses of hyperthermic chemotherapy to achieve reduction in the size of metastatic lesions, potentially prolonging survival.

For more information about the Hepatobiliary Cancer Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/gastroenterology-liver-center-cancer or call 718-862-8840.

LUNG AND THORACIC CANCER

To maximize effective, long-term treatment, lung cancer must be diagnosed in its earliest stages. This requires the use of advanced techniques, performed by experienced specialists. The lung cancer team encompasses a multitude of disciplines, including interventional pulmonologists, thoracic surgeons, radiation oncologists and others. The team discusses each patient's needs collaboratively and devises treatments that will provide the highest success rate with the fewest complications. The physicians combine clinical expertise with the latest advances in medical, surgical and radiation oncology research. Each member of the program is able to focus exclusively on lung cancer, devoting all of his or her time to diagnosing and treating patients.

HIGHLIGHTS OF THE PROGRAM

- The Center for Cancer Care offers a high-risk lung cancer screening program that uses low-dose computed tomography (CT) scans to help detect the disease at its earliest, most treatable stage. The use of low-dose CT scans for early detection of lung cancer is the first screening method proven to reduce mortality due to lung cancer, compared with the standard chest X-ray. Montefiore's program is the first of its kind in the Bronx, where the smoking rate is the second highest among New York City's five boroughs, at 16.2 percent, according to the New York City Department of Health and Mental Hygiene.
- After an abnormal finding on a chest X-ray or CT scan, our specialists use autofluorescence bronchoscopy, which allows even the smallest abnormalities to be revealed with no associated risk factors. Navigational bronchoscopies allow physicians to view and obtain

precise biopsies of abnormalities located in the periphery of the lung. By using this procedure, diagnostic accuracy has increased by approximately 70 percent.

- Through the recent development of a state-of-the-art interventional pulmonary service, Montefiore now provides the most advanced diagnostic and therapeutic procedures. Peripheral airway bronchoscopy using radial array endobronchial ultrasound (EBUS) in combination with navigational bronchoscopy provides a minimally-invasive procedure to localize and obtain precise biopsies of suspected peripheral lung lesions with the highest yield and the lowest risk of complications. Other diagnostic techniques include linear-array EBUS, with real-time imaging of surrounding structures such as the heart, big vessels and lymph nodes, allowing diagnostic biopsy as well as staging of thoracic malignancies in a single procedure, with less risk to the patient. We offer therapeutic procedures such as therapeutic bronchoscopy (rigid and flexible) for debulking of the tumors causing major airway obstructions, airway stents, and indwelling tunneled pleural catheters for malignant pleural effusion.
- Surgical and other treatment options feature precision targeting and excision. Nonsurgical approaches include highly-advanced brachytherapy, cryotherapy and stereotactic radiotherapy.
- Our dedicated medical oncologists oversee the ongoing care of a large number of patients at several treatment delivery sites with different thoracic malignancies receiving a variety of conventional and innovative chemo-, targeted and immunotherapies. Care is enhanced through the ready availability

of nutritional and psychological support as well as dedicated early palliative care management to maximize quality of life throughout the treatment continuum.

- A busy clinical research program forms the core of the thoracic malignancies team conducting a spectrum of clinical studies developed both internally as well as in collaboration with industry and other academic partners. Some highlights of the current research portfolio include studies focused on unique inhalational lung cancer therapies, new-generation targeted therapies for patients with molecularly defined subsets of lung cancers, as well as a variety of immunotherapy studies for patients with early as well as late stages of lung cancer.
- Our clinical program is complemented by a translational research program that recently led to several pivotal discoveries such as the recognition of novel genetic targets, RICTOR and MET in different types of lung cancers as well as breakthrough research on novel targets for immunotherapy; as well as the discovery of novel ways to enhance the efficacy of chemo- and radiotherapy.

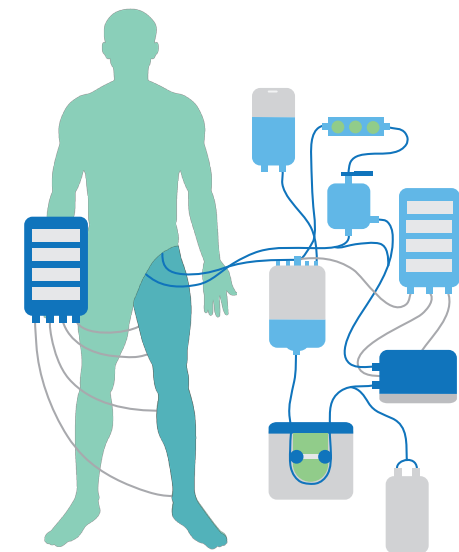
For more information about the Lung and Thoracic Cancer Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/lung-cancer or call 718-862-8840.

MELANOMA

Melanoma is the number-one cancer in people ages 25 to 29, and the fastest-growing cancer in men and the second fastest in women in the nation. Our

team of medical, surgical and radiation oncologists and orthopaedic surgeons consults with experts in Dermatology, Plastic Surgery, Pathology, Nutrition, Palliative Care and Nuclear Medicine at Montefiore to address all aspects of care for people with melanoma, from research and prevention to diagnosis, treatment and reconstruction.

ISOLATED LIMB PERFUSION



HIGHLIGHTS OF THE PROGRAM

- For patients whose recurrent melanoma is confined to a limb and cannot be cured by surgery, a procedure called isolated limb perfusion (ILP) can offer an alternative to amputation. This method allows for large doses of chemotherapy to be delivered to the affected limb, leaving the rest of the body untouched. The chance that the tumors will completely disappear is about 50 percent after ILP.



MONTEFIORE EINSTEIN CENTER FOR
CANCER CARE IS ONE OF ONLY A
FEW CENTERS IN THE REGION TO OFFER
HIGH-DOSE INTERLEUKIN-2 (IL-2) THERAPY.



- Montefiore Einstein Center for Cancer Care is one of only a few centers in the region to offer high-dose interleukin-2 (IL-2) therapy, as well as other immunotherapies including checkpoint inhibitors ipilimumab (Yervoy), pembrolizumab (Keytruda), nivolumab (Opdivo) and targeted therapies such as zelnoraf (Vemurafenib), tafenlar (Dabrafenib) and mekinist (Trametinib). Our patients are given opportunities to participate in early-stage studies, including the use of new biologic drugs, to determine if a new therapy effectively works for them.

To learn more about the Melanoma Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/melanoma or call 718-862-8840.

NEUROLOGIC ONCOLOGY

Montefiore Einstein Center for Cancer Care offers significant advantages in the area of neurologic oncology. Coordinated care through a collaborative approach lays the groundwork for the best possible patient outcomes. From treatment planning through implementation and beyond, we utilize regular interaction among specialists and medical students in the classroom, the laboratory and the operating room. In addition, our close connection with Einstein allows us to bring viable aspects of academic medicine to our strong clinical focus.

HIGHLIGHTS OF THE PROGRAM

- Traditional surgery is complemented by highly-advanced techniques, such as single-dose linear accelerator (LINAC) stereotactic radiosurgery, which delivers high-dose focal radiation in a single setting.

- Minimally-invasive techniques allow us to gain precise access to tumors, utilizing frameless stereotaxy technology. A three-dimensional model of the patient's brain gives surgeons real-time precision guidance for surgeries of the skull base.
- Our CereTom portable computed tomography scanner, proven in other disciplines, allows us to perform intraoperative confirmation of various neurosurgical procedures. The scanner is of immense value for intensive care unit patients who are deemed too unstable to transport for imaging.
- Multidisciplinary tumor board meetings unite specialists in surgical, radiation and medical oncology. This comprehensive approach offers a wide spectrum of treatments for patients with common and rare cancers and creates a framework for predicting, preventing, diagnosing and treating cancers.

As a result of our partnership with the NCI-designated Albert Einstein Cancer Center and our participation in a variety of nationwide clinical trials through the Radiation Therapy Oncology Group (RTOG) and the Eastern Cooperative Oncology Group (ECOG), we can offer patients access to the latest surgical, radiation and chemotherapy treatment options for brain tumors.

For more about the Neurological Oncology Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/cancer-brain-tumors or call 718-862-8840.

MONTEFIORE EINSTEIN
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PANCREATIC AND GASTROINTESTINAL CANCERS

Pancreatic and gastrointestinal cancers are among the most challenging to treat, primarily because they are often diagnosed at a late stage and there are only a few approved and effective treatments. However, thanks to our participation in more than a dozen clinical trials in this area, our patients have access to potentially lifesaving or life-extending treatments and treatment protocols. With a skilled team of providers experienced in surgical, medical and radiation oncology treatment of pancreatic cancer, Montefiore Einstein Center for Cancer Care is advancing innovative best practices for patients who are facing the seemingly insurmountable odds posed by this complex disease.

HIGHLIGHTS OF THE PROGRAM

- Most noncancerous tumors of the pancreas can be removed laparoscopically. This involves a smaller incision and less pain than traditional approaches, and allows patients to recover faster. For complex pancreatic tumors, our skilled surgeons can resect and reconstruct blood vessels around the pancreas, enabling them to remove tumors that otherwise would not have been accessible.
- Chemotherapy and radiation with a unique and aggressive treatment that has demonstrated success, even in advanced tumors, may also be used. Our researchers are leading the way in this practice. Our radiation oncologists use guided radiation techniques, such as stereotactic body radiotherapy, which delivers high doses of radiation to a tumor with pinpoint accuracy, even during breathing movement. Patients can complete a full course of treatment in just three to five sessions.
- The Center has an active research program in pancreatic and other gastrointestinal cancers. We're one of five centers nationwide to receive a five-year NCI grant to investigate the potential of nanotechnology to carry extremely toxic medications directly to pancreatic tumor cells using a microscopic "smart bomb" approach.

OTHER STUDIES

- Hyperthermic peritoneal perfusion using heated chemotherapeutics after surgery to eradicate rogue cells.
- The combination of gemcitabine, with Reolysin, a form of a common, harmless virus to determine

any improved response in patients with advanced pancreatic cancer.

- The combination of the oral drug Afinitor® with another chemotherapy drug to treat patients with advanced gastrointestinal tumors.

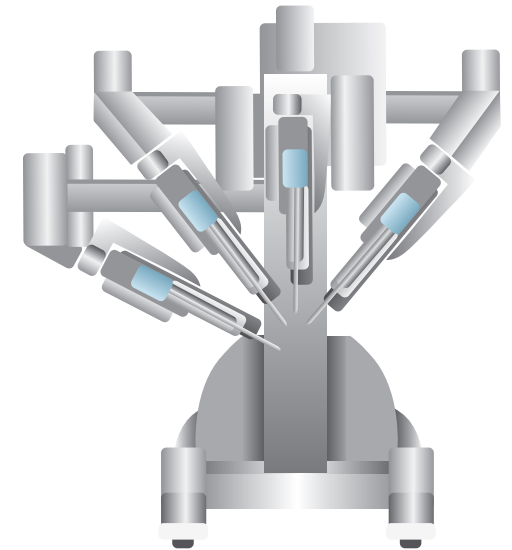
For more about the Pancreatic and Gastrointestinal Oncology Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/stomach-and-gastrointestinal-cancers or call 718-862-8840.

PROSTATE AND UROLOGIC CANCER

Our urologic cancer team is composed of experts in urologic oncology (surgery), radiation oncologists, medical oncologists and dedicated genitourinary pathologists and radiologists. The full range of urologic malignancies is treated, including prostate, bladder, ureteral, kidney, testicular, urethral and penile cancers at every stage. Our prostate cancer program is delivered in true multidisciplinary fashion and is tailored to deliver expert care to the high-risk population that we serve. We also offer a robust sexual rehabilitation program to foster our patients' optimal recovery.

HIGHLIGHTS OF THE PROGRAM

- We are pioneers of minimally-invasive urologic oncologic surgery. The Center has used laparoscopic and robotic technology for more than a decade to treat most urologic malignancies. We are a high-volume robotic center, utilizing the latest Da Vinci SI robotic system for most urologic oncologic cases that are suited to minimally-invasive surgery.



MORE THAN **95%**
OF ALL PROSTATE CANCER
OPERATIONS ARE PERFORMED
ROBOTICALLY AT OUR
INSTITUTION, ALLOWING
FOR EXCELLENT NERVE
PRESERVATION AND FASTER
RETURN OF CONTINENCE
AND POTENCY AFTER
SURGERY.

- Montefiore's state-of-the-art robotic surgical suite at the Moses Campus is equipped with the latest equipment and imaging capabilities to facilitate the most challenging cases. More than 95 percent of all prostate cancer operations are performed robotically at our institution, allowing for excellent nerve preservation and faster return of continence and potency after surgery.
- We utilize IMRT and the latest techniques of brachytherapy to treat our prostate cancer patients. Targeted radiotherapy Calypso® GPS for the Body technology tracks changes in the prostate's position, even if patients move during the procedure, enabling more precise targeting of the tissue and reducing the risk that healthy tissue receives radiation.
- Our medical oncologists utilize all therapeutic options in the treatment of advanced hormone-sensitive and castrate-resistant prostate cancer. These include standard androgen deprivation therapy, chemotherapeutic options for castrate-resistant prostate cancers, and secondary hormonal manipulations that include the latest pharmaceutical agents available.
- For kidney cancer, we offer expert robotic surgery with virtual reality image reconstruction to adequately plan and resect the most complex tumors while preserving the remaining normal kidney. We are the only center in New York to offer this state-of-the-art imaging reconstruction. For advanced kidney cancers, we offer surgical options for cytoreduction and tumor thrombus resection. For these complex patients, our medical oncologists offer the most up-to-date targeted therapeutic strategies, brachytherapy techniques and a dedicated interleukin-2 program.

- Our multidisciplinary team members are experts in the treatment of superficial and invasive bladder cancer. Intravesical therapy and advanced surgical techniques, as well as neoadjuvant chemotherapy and adjuvant chemotherapy in select patients, are utilized to optimize treatment. Finally, both open and robotic surgical methods are used, and all forms of urinary diversions, including neobladders and catheterizable pouches, are employed.
- We are one of the first centers to establish a dedicated ablative oncology program, where different energy sources and imaging modalities are utilized to precisely target important cancer foci in the prostate and appropriate renal tumors for image-guided ablation.
- Our expanding clinical trials program is highlighted by trials open for localized and advanced prostate cancer and trials for advanced renal cell carcinoma.

To learn more about the Urologic Oncology Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/urologicalcancers or call 718-862-8840.

SARCOMA

Our team of medical, surgical and radiation oncologists and orthopaedic surgeons consults with experts in Dermatology, Plastic Surgery, Pathology, Nutrition, Palliative Care and Nuclear Medicine at Montefiore to address all aspects of care for people with melanoma, from research and prevention to diagnosis, treatment and reconstruction.

Sarcomas are uncommon cancers that make up just 1 percent of all cancers diagnosed each year. Our dedicated team of pediatric and adult specialists treats patients with sarcomas, including:

- angiosarcomas
- fibrosarcomas
- liposarcomas
- leiomyosarcomas
- rhabdomyosarcomas
- synovial sarcomas
- osteosarcomas
- Ewing's sarcomas
- malignant peripheral nerve sheath tumors
- alveolar soft part sarcomas
- epithelioid sarcomas
- chondrosarcomas

HIGHLIGHTS OF THE PROGRAM

- Our oncologists utilize innovative methods to eradicate cancer and protect limbs. In many cases, we can treat sarcoma using a patient's own tissue to preserve and reconstruct limbs.
- Montefiore offers inhaled chemotherapies, which can target the cancerous cells while sparing other healthy organs.
- The Center is continuously involved in research, seeking new ways to diagnose and treat sarcoma, in both adults and children. Currently, we are investigating inhaled chemotherapy, novel agent TH-302.

To learn more about the Sarcoma Program at Montefiore Einstein Center for Cancer Care, visit www.montefiore.org/sarcoma-and-connective-tissue-oncology or call 718-862-8840.



AT MONTEFIORE EINSTEIN CENTER FOR CANCER CARE, OUR ULTIMATE GOAL IS TO IMPROVE AND EXTEND THE LIFE OF EVERY PATIENT, WITH EVERY THERAPY WE INVESTIGATE AND EVERY SERVICE WE PROVIDE.

OUR LOCATIONS

The Center for Cancer Care provides medical, radiation and surgical oncology care, as well as supportive services for cancer patients and survivors, at the following locations:

MAIN LOCATIONS

MONTEFIORE MEDICAL PARK

1521 Jarrett Place
Bronx, New York 10461
Phone: 718-862-8840

THE TOWER AT MONTEFIORE MEDICAL PARK

1695 Eastchester Road, 2nd Floor
Bronx, New York 10461
Phone: 718-405-8300

CENTER FOR RADIATION THERAPY

1625 Poplar Street
Bronx, New York 10461
Phone: 718-405-8550

WEILER HOSPITAL

1825 Eastchester Road
Bronx, New York 10461
Phone: 718-920-7100

MONTEFIORE HOSPITAL

111 East 210th Street
Bronx, New York 10467
Phone: 718-920-7100

GREENE MEDICAL ARTS PAVILION

3400 Bainbridge Avenue
Bronx, New York 10467
Phone: 718-862-8840

WAKEFIELD CAMPUS

600 East 233rd Street
Bronx, New York 10466
Phone: 718-862-8840

SATELLITE LOCATIONS

BRONX RIVER MEDICAL ASSOCIATES ONCOLOGY/HEMATOLOGY AT MONTEFIORE

60 East 208th Street
Bronx, New York 10467
Phone: 718-405-1700

1915 Central Park Avenue
Yonkers, New York 10710
Phone: 914-793-2100

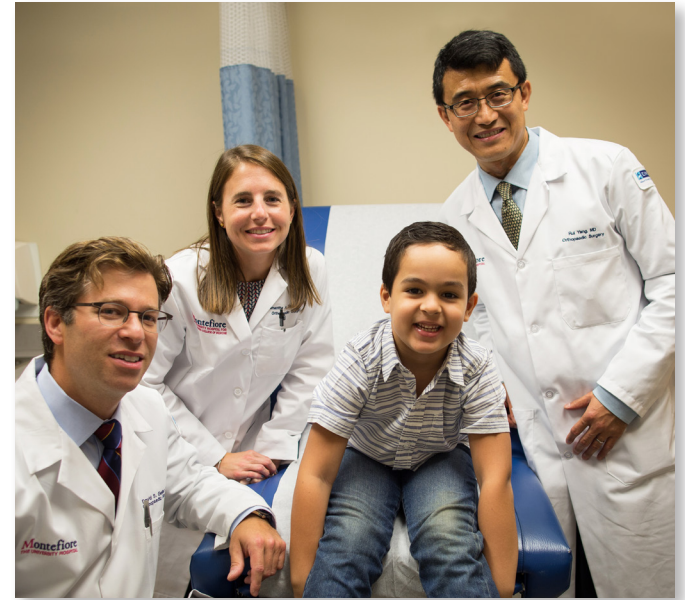
ADVANCED ONCOLOGY ASSOCIATES AT MONTEFIORE

84 Business Park Drive
Armonk, New York 10504
Phone: 914-273-2977

50 Guion Place
New Rochelle, New York 10801
Phone: 914-632-5397

18 Ashford Avenue
Dobbs Ferry, New York 10522
Phone: 914-693-1322

984 North Broadway
Yonkers, New York 10701
Phone: 914-965-2060



LEARN MORE

VISIT [MONTEFIORE.ORG/CANCER](https://www.montefiore.org/cancer)
OR CALL 718-862-8840 TO DISCOVER
MORE ABOUT THE MONTEFIORE
EINSTEIN CENTER FOR CANCER CARE.





Albert Einstein College of Medicine

Montefiore

Montefiore Einstein Center for Cancer Care

1521 Jarrett Place
Bronx, New York 10461



HOW TO REACH US

TO REFER A PATIENT OR
SPEAK WITH ONE OF OUR
PHYSICIANS, PLEASE CALL US AT 718-862-8840.
VISIT WWW.MONTEFIORE.ORG/CANCER
TO DISCOVER MORE.