



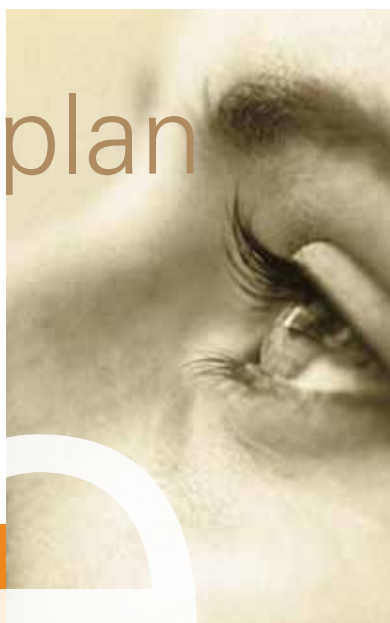
THE CANCER INSTITUTE



one team.



one plan



one

place

† CATHOLIC HEALTH INITIATIVES®

St. Joseph
Medical Center
THE CANCER INSTITUTE



3 MILLION

Dollars awarded through NCI to increase participation in clinical trials, enhance community outreach initiatives to decrease cancer healthcare disparities and expand the Cancer Institute's nurse navigator staff.



THE CANCER INSTITUTE

One Superior Approach to treating cancer.

“This groundbreaking NCI program is helping to increase cancer survival for patients who previously may not have had access to this type of care without going to a university cancer center.”

*Dr. Mark Krasna, medical director
of the Cancer Institute*

In a state-of-the-art facility, the Cancer Institute brings new hope to patients through the application of the most advanced diagnostic and treatment services. Multidisciplinary teams of highly skilled professionals combine cutting-edge technologies with compassionate care — setting new standards in cancer treatment.

Chosen by the National Cancer Institute (NCI) as the only Maryland hospital to belong to the National Community Cancer Centers Program (NCCCP), the Cancer Institute delivers multidisciplinary care and collaborates with NCI to provide access to sophisticated NCI clinical trials.



NCI COMMUNITY
CANCER CENTERS
PROGRAM

St. Joseph is one of the 16 original pilot sites in the NCCCP network, which has grown to 30 hospitals nationwide. Additionally,

St. Joseph's Cancer Institute was awarded a \$2.9 million stimulus grant through NCI to increase participation in clinical trials,

increase minority outreach concerning clinical trials, and to expand the institute's nurse navigator staff.

The Cancer Institute is more than multiple centers of medical excellence. It's a world that revolves around each patient, guiding them through the challenges of cancer.





Successful treatment begins with accurate diagnosis and staging.

Diagnosing the exact type and stage of cancer is critical for determining the patient's prognosis and treatment. Our team of experts offers the specialized skills and cutting-edge diagnostic technology, including the following imaging tools:

- Digital Mammography
- Ultrasound
- PET/CT
- Spiral CT
- MRI
- Interventional Radiology
- 64-slice CT scanner

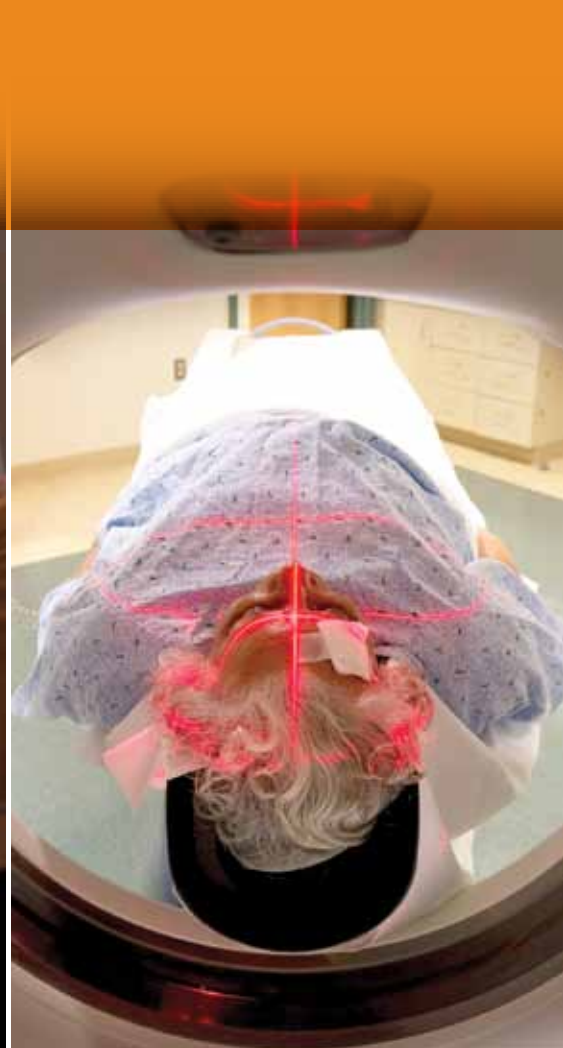
An advanced, personalized treatment plan for each patient.

We believe in treating the whole person — not just the disease — through an individualized plan focused on mind, body and spirit. Medical treatment can include radiation therapy, surgery, chemotherapy or a combination of these.

Radiation Therapy

Unlike chemotherapy, which is a systemic treatment, radiation therapy is targeted at cells in specific areas of the body. It can be given before, during or after surgery, and is sometimes combined with chemotherapy or hormonal therapy. The Radiation Oncology Center provides numerous modalities, including:

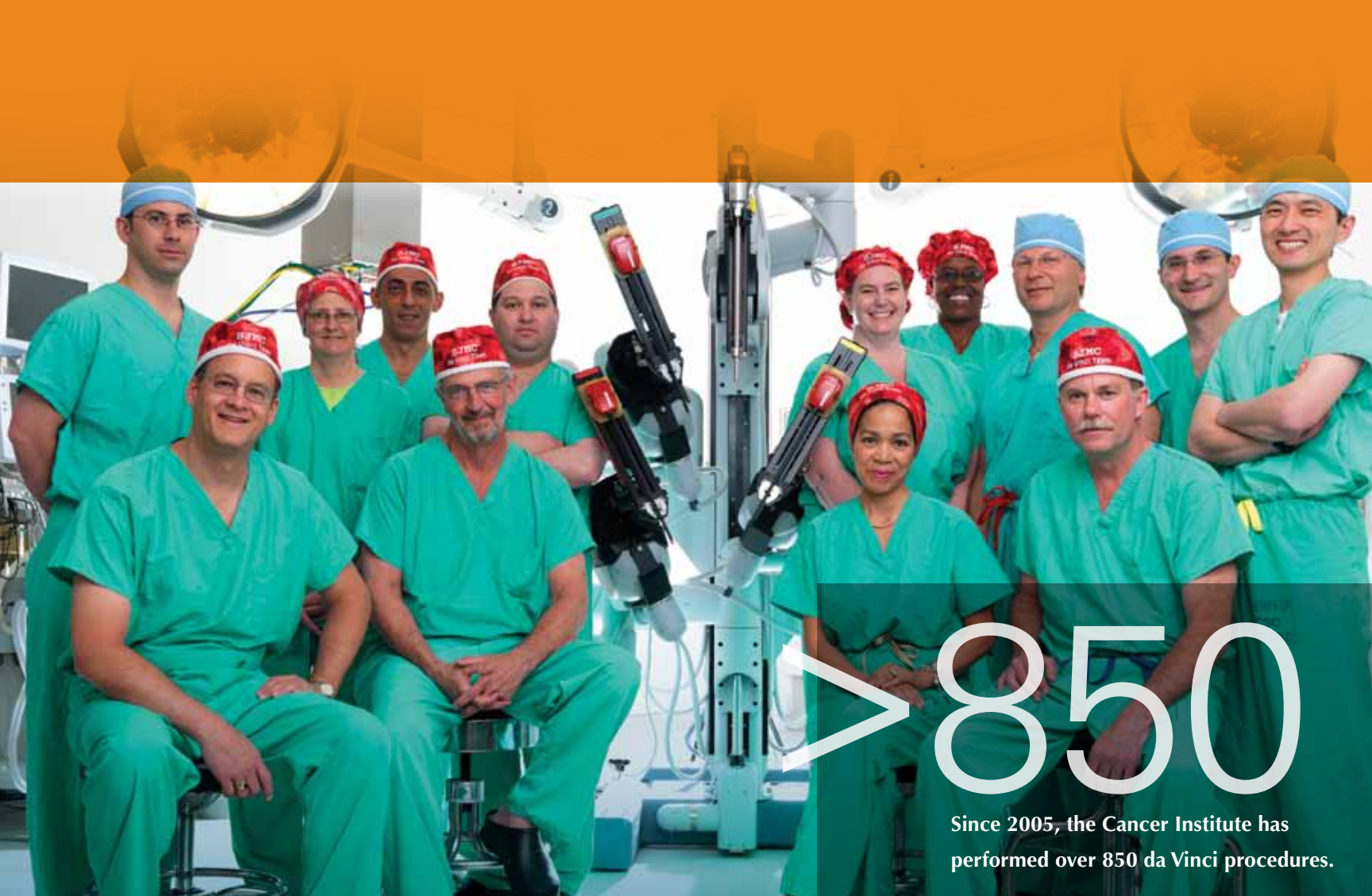
- External radiation therapy
- Internal radiation therapy (brachytherapy, interstitial radiation, intracavitary radiation, intraluminal radiation and surface brachytherapy)
- Hyperfractionated external radiation therapy
- Varian Trilogy™ System for Image-Guided Radiation Therapy
- Intensity Modulated Radiation Therapy (IMRT)/Image Guided Radiation Therapy (IGRT)
- Stereotactic Radiosurgery Applications



Radiation therapy is used to treat many cancers, including:

- | | |
|--------------------|------------------------------|
| Bladder cancer | Melanoma |
| Brain tumors | Multiple myeloma |
| Breast cancer | Non-Hodgkin's lymphoma |
| Cervical cancer | Ovarian cancer |
| Colon cancer | Pancreatic cancer |
| Esophageal cancer | Prostate cancer |
| Gastric cancer | Rectal cancer |
| Hodgkin's lymphoma | Testicular cancer |
| Kidney cancer | Thyroid cancer |
| Leukemia | Uterine (endometrial) cancer |
| Lung cancer | |





Since 2005, the Cancer Institute has performed over 850 da Vinci procedures.

Highly trained surgeons, cutting edge techniques.

Surgery

Surgery is an option for many stages and types of tumors. Our renowned cancer surgeons have trained and worked at some of the most prestigious medical institutions in the country including Johns Hopkins, Harvard, University of Maryland and the Cleveland Clinic. They are widely published in medical literature and nationally recognized by their peers. With a level of proficiency in advanced surgical treatments typically found at larger university medical centers, they are making the following breakthrough procedures available in the convenience and comfort of a community hospital:

- Robotic surgery: Our da Vinci surgical team is the most experienced at a community hospital in Maryland, performing robotic surgery for prostate and gynecologic cancers.
- Laparoscopic and minimally invasive surgical options:
 - Pancreatectomies
 - Hepatic resection
 - Radiofrequency
 - VATS lobectomy for lung cancer
 - Thoracoscopic sympathectomy
 - Minimally invasive/thoracoscopic (VATS) resection of mediastinal tumors
- Single Incision Laparoscopic Surgery
- LASER ablation
- Airway stents
- Esophageal stents
- Pleural drainage catheters
- Advanced surgical options:
 - Esophagectomy post chemotherapy and radiation
 - Whipple surgery
 - Lobectomy post chemotherapy/radiation
 - Pleuropneumonectomy for mesothelioma
 - Neurosurgery



Over 600 infusion visits per month

Chemotherapy Infusion Center

Our highly experienced, board-certified medical oncologists along with oncology certified nurses (OCN) deliver care in our spacious Serpick Infusion Center. Designed for optimal comfort, the sunlight-filled Center features 18 treatment stations with visitor seating and serene garden views. In relaxing infusion recliners, patients can watch DVDs/TV, listen to their iPod, or work on their laptop with the convenience of WiFi access.

Clinical expertise and compassionate care are the hallmarks of St. Joseph's Oncology professional and support staff. Prioritizing patient comfort, they provide infusion of chemotherapy, blood products, intravenous fluids, antibiotics, targeted therapies and growth factors. An introductory chemotherapy class for patients and families contributes to peace-of-mind. Nurses are available by phone to address any questions and concerns patients or their families may have after each treatment.





One team of leading experts.

World-renowned thoracic surgeon, physician and medical director, Dr. Mark Krasna, heads the Cancer Institute team. Guided by his pioneering vision, he has led the Institute into the forefront of medical technology. Each of the Institute's physicians has expertise in a specific disease site, yet all share a commitment to multidisciplinary cancer care. By participating in NCI clinical research studies, they can offer patients the latest, most advanced cancer treatment therapies.

The Institute is equally dedicated to providing patient-centered care. Our nurses combine exceptional clinical care with gentle nurturing as they guide patients and families through one of the most difficult journeys of their lives. Many of the Institute's registered nurses are also oncology-certified nurses (OCN).

Working closely with the medical and nursing staff, our cancer navigators guide each patient through each step of their cancer journey. After meeting with newly diagnosed patients, the navigators provide personalized education, support and referrals to community services and support groups.

Recognizing the integral role that referring physicians play in the treatment process, we keep them informed every step of the way. Referring physicians are invited to participate in multidisciplinary cancer conferences and are routinely updated on their patients.



Howard Berg, MD
The Colorectal Oncology Center



Jason Citron, MD
The Radiation Oncology Center



**Mark Fraiman, MD,
MBA, FACS**
Hepatobiliary Oncology Center



Ziv Gamliel, MD
The Thoracic Oncology Center



**Neil Rosenshein,*
MD, FACS**
The Gynecologic Oncology Center



**Michael Schultz,
MD, FACS**
The Breast Center



**Marc Siegelbaum,
MD, FACS**
The Urologic Oncology Center



Rima Couzi, MD
The Medical Oncology Center



Richard Schraeder, MD
The Medical Oncology Center



Neil Goldberg, MD
Inflammatory Bowel
Disease Center

*Through a collaborative partnership between Mercy and St. Joseph Medical Center, Dr. Rosenshein, medical director of the Weinberg Center for Women's Health & Medicine at Mercy and director of The Gynecologic Oncology Center at Mercy, also serves as medical director of The Gynecologic Oncology Center at St. Joseph Medical Center.



Neal Naff, MD
The Neuro-Oncology Center



Scott Tarantino, MD
The Orthopaedic
Oncology Center



John Seftor, DO
The Orthopaedic
Oncology Center



THE CANCER INSTITUTE

One Center of Excellence for all types of cancer.

The Women's Center

■ The Breast Center

Accredited by the National Accreditation Program for Breast Cancer and designed with sensitivity to patients' unique needs, the Breast Center combines advanced imaging diagnostics with breast and reconstructive surgery, medical and radiation oncology, and other key disciplines such as pathology, nutritional services, social work and genetic counseling.

Breast surgeon **Dr. Michael Schultz** leads the Breast Center with a compassionate philosophy and has more than 30 years of experience. A multidisciplinary team evaluates all aspects of each patient's diagnosis, including the specific cell type and extent of the disease. The dedicated nurse navigator supports patients and their families throughout the entire process. "No More Sleepless NightsSM" and a High-Risk Management Program enhance the comprehensive care.

■ The Gynecologic Oncology Center

The Gynecologic Oncology Center was created through a collaborative partnership between Mercy Medical Center and St. Joseph Medical Center. The result is an expert team of specialists dedicated to the prevention, diagnosis and treatment of gynecologic cancers such as uterine (endometrial) cancer, cervical cancer, ovarian cancer, vaginal and vulvar cancer.

Headed by renowned gynecologic oncology surgeon **Dr. Neil Rosenshein**, the center's specialists include **Dr. Hyung Suk Ryu** and medical and radiation oncologists. The Center embraces a holistic philosophy attentive to mind, body and spirit.





■ The Colorectal Oncology Center

The highly skilled staff of the Colorectal Oncology Center treats conditions from the most common to the most complex. Surgical director **Dr. Howard Berg**, guides an expert multidisciplinary team, which includes colorectal surgeon **Dr. Robert Akbari**, other colorectal surgeons, gastroenterologists, medical and radiation oncologists and ostomy nurses.

While treatment depends on tumor size and location, disease stage and the patient's overall health, laparoscopic or open surgery is often an option. When possible, colostomy is avoided. Patients may also receive chemotherapy or radiation therapy.

■ The Hepatobiliary Oncology Center

The Hepatobiliary Oncology Center is Maryland's only multidisciplinary program treating pancreatic cancer, primary liver cancer, metastatic colorectal cancer and bile duct cancer in a community setting.

Surgical director **Dr. Mark Fraiman** and hepatobiliary surgeon **Dr. Richard Mackey** are leaders supported by a team of specialists in gastroenterology, hepatology, oncology, radiation oncology, interventional radiology, pathology, and liver and pancreas surgery.

This unique facility also performs highly complex Whipple surgery and advanced laparoscopic hepatobiliary procedures such as laparoscopic pancreatectomies, hepatic resection and radiofrequency ablation.





■ The Thoracic Oncology Center

The Thoracic Oncology Center has attracted nationally renowned experts, whose multidisciplinary approach is critical to successful outcomes. They treat diseases of the chest, including cancers of the lung, esophagus and chest wall.

Led by thoracic surgeons **Dr. Ziv Gamliel** and **Dr. Mark Krasna**, the team includes specially trained surgeons, medical oncologists, radiation oncologists, thoracic oncologists, gastroenterologists, pulmonologists, oncology nurses and social workers. In addition to bringing patients the latest diagnostic procedures and treatment options, the team provides each patient with comprehensive, compassionate and personalized care.

■ The Urologic Oncology Center

The Urologic Oncology Center pioneered the use of the da Vinci™ Robotic Surgical System for prostatectomies in a community-based Maryland hospital and has performed hundreds of prostatectomies, making it the most experienced team at a community hospital in Maryland.

Led by **Dr. Marc Siegelbaum**, a team of urologic oncology experts provides experienced, coordinated care for kidney, prostate and bladder cancer, among others. The center performs advanced laparoscopic procedures.

■ The Medical Oncology Center

Led by **Dr. Rima Couzi**, **Dr. Richard Schraeder** and **Dr. Yousuf Gaffar**, the Medical Oncology Center provides patient-centered care supervised by medical oncologists, who work closely with surgeons, radiation oncologists, nurse navigators and specialized infusion nurses. The entire spectrum of cancers is treated and numerous clinical trials are available.

The Serpick Infusion Center features garden views and comfortable, custom-designed infusion chairs, chemotherapy education and expert pain management. When patients no longer respond to curative treatment, hospice or palliative care is available, and spiritual resources are emphasized.

■ The Neuro-Oncology Center

In 2009, the Neuro-Oncology Center surpassed the projected volume of brain lesions treated with stereotactic radiosurgery. Headed by **Dr. Neal Naff**, the most experienced neurosurgeon in Baltimore in stereotactic radiosurgery, the team also includes **Dr. Jason Citron** and **Dr. Stephen Ronson**. Adhering to a multidisciplinary approach, they meet regularly to discuss each patient's case from diagnosis to treatment. The result is faster, safer, more exact treatment for our patients.



■ The Radiation Oncology Center

The Radiation Oncology Center is one of just a few high-tech centers in the region with gating capability, which manipulates radiation according to each patient's breathing cycle.

Led by **Dr. Jason Citron**, a team of experienced radiation oncologists offers comprehensive radiotherapy technology, minimizing its adverse side effects on normal cells. Stereotactic Radiosurgery (SRS), directed by **Dr. Stephen Ronson**, is a new standard of care used for inoperable tumors, including lung, liver, brain and bone. Other highly advanced equipment includes:

- MammoSite® Targeted Radiation Therapy
- Intensity Modulated Radiotherapy (IMRT)
- Image-Guided Radiotherapy (IGRT)
- Varian Clinac iXTM Linear Accelerator
- High-Dose Rate (HDR) Remote Afterloader
- 3-D Cone-Beam CT

■ The Orthopaedic Oncology Center

The Cancer Institute and the Orthopaedic Institute at St. Joseph Medical Center are now partnering to enhance treatment of tumors of the spine with the implementation of stereotactic radiosurgery, which can bend around the spinal cord and other critical organs. This collaboration, under the direction of orthopaedic surgeon and Orthopaedic Institute Medical Director, **Dr. Scott Tarantino** and spine surgeons, **Dr. John Seftor** and **Dr. Ira Fedder**, brings new perspective to our advanced multidisciplinary approach, combining SRS with orthopaedic surgery as needed.

■ The Inflammatory Bowel Disease Center

Under the direction of **Dr. Neil Goldberg** and **Dr. Joshua Forman**, the Inflammatory Bowel Disease (IBD) Center offers a holistic, multidisciplinary approach to treatment of IBD. Every patient receives expert care from a specialized team of gastroenterologists, nutritionists, nurse navigators, colorectal surgeons, social workers and ostomy care specialists.

Patients who require infusion treatments can relax in the comfort of reclining infusion chairs in the Serpick Infusion Center.



One holistic approach to living with cancer.

Cancer requires a team effort. Patients may need diagnostic services, surgery, medical oncology, pain management, education, home healthcare, rehabilitation services and more. The Cancer Institute is dedicated to meeting all of these needs in a seamless and compassionate continuum of care.

■ Nurse Navigators

For newly diagnosed cancer patients and their families, the biggest fear is that of the unknown. Our cancer navigators help ease these concerns by serving as a critical link between each patient, their care team and our wide array of support services and resources. The navigator also provides psychological support, patient/family education and referrals to social workers, psychologists and palliative care.

■ Spiritual Care

As a faith-based institution, St. Joseph Medical Center holds all religious traditions sacred. Our Spiritual Care department features an ecumenical staff of chaplains to meet the diverse needs of our patients and their families. Spiritual care may use meditation, prayer, music or other means to inspire hope.

■ Support Services and Counseling

Our licensed clinical social workers provide individual counseling and connect patients to a wide array of hospital and community resources. Our support groups and activities include an Ostomy Group, LUNGS (Learning, Understanding, Navigating, Growing, Survivorship) for lung cancer, SOS (Survivors Offering Support) and Pink Ladies for breast cancer, a Ballroom Dancing class, and an End of Treatment Class.

■ Palliative Care

The palliative care team provides education about palliative care, and helps patients and their families deal with the challenges of chronic disease and sensitive end-of-life issues. We serve patients, families and staff through support, counseling and internal and community resources.



■ Ostomy Care and Education

Board-certified nurses who specialize in ostomy care and rehabilitation help patients comfortably adjust to life with an ostomy. They provide comprehensive teaching, counseling and care for individuals with colostomies, ileostomies and urinary diversions.

■ Look Good, Feel Better

“Look Good... Feel Better” is a free, national public service program co-sponsored by the American Cancer Society to help women manage appearance-related changes from treatment. It focuses on improving self-esteem and confidence.

■ Boutique

Located in the Cancer Institute, the Comfort Care Boutique offers personal service including mastectomy bras and custom breast prostheses created through a scanning process of the patient’s breast. Patients can also find “off the shelf” breast prostheses, scarves, wigs, hats, lymphedema products and more.

■ Other Support Services

- Rehabilitation Services
- Survivorship programs
 - Community Education/Screenings
 - Dietician





Researching better ways to treat and beat cancer.

As an active partner in **clinical trials**, St. Joseph Medical Center is helping advance the understanding and treatment of cancer. Patients can participate in national clinical trials and will soon have access to “early phase” NCI trials.*

We are also applying the latest developments in medical science to help prevent cancer through **genetic counseling**. Our genetic counselors educate families and individuals about the risk of passing on or inheriting a genetic predisposition for certain disorders.

Although most cancer is not related to strong inherited factors, some are associated with familial syndromes that increase an individual’s predisposition to develop cancer. A genetic consult is

generally recommended for, but not limited to, breast, colon and lung cancer patients and their families.

Through cancer risk assessment, patients learn about cancer risks as well as screening options and genetic testing. For more information on genetic testing, call 410-337-1697.

***As with all clinical trials, patients who enroll must meet specific criteria. For more information, contact The Cancer Institute Research office at 410-337-4569 or visit www.nci.nih.gov.**



About St. Joseph Medical Center

St. Joseph Medical Center is a 300-bed, not-for-profit, regional medical center with a rich heritage of loving service and state-of-the-art clinical treatments. The hospital is known for our culture of teamwork, compassion and patient-centered care. Founded in 1864 by the Sisters of St. Francis of Philadelphia, St. Joseph has been dedicated to serving our community for more than 147 years.

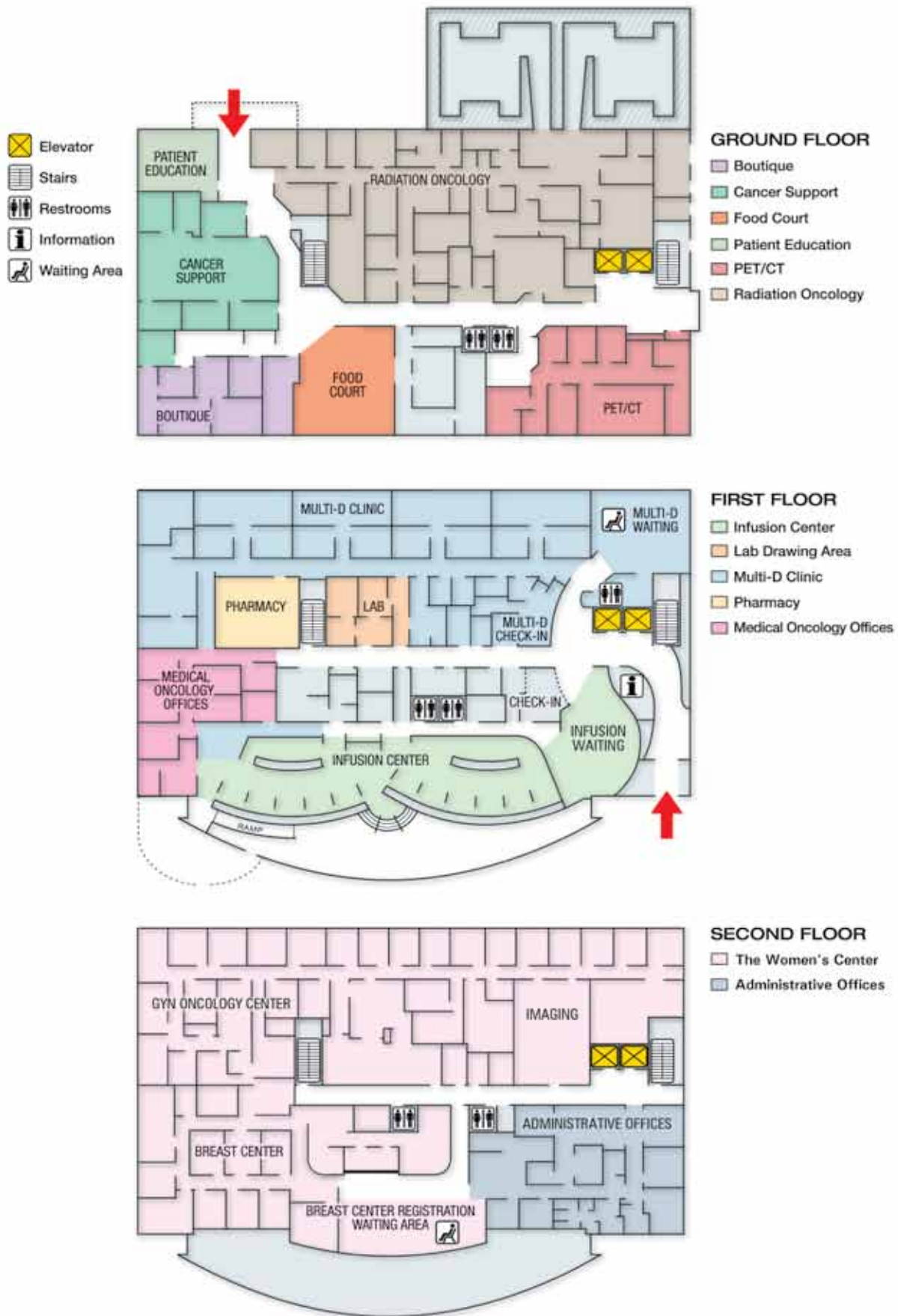
We are grateful for the opportunity to serve you and to carry on the St. Joseph mission of providing compassionate, quality care to our Maryland community.

To learn more about a specific center or find a doctor within the Cancer Institute, call 410-337-1338.

You can also visit www.StJosephTowson.com for more information.



THE CANCER INSTITUTE



**To learn more about the Cancer Institute or for a physician referral,
visit www.StJosephTowson.com or call 410-337-1338.**

† CATHOLIC HEALTH
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