

Beyond Extraordinary



Giving Opportunities

| <i>Name</i> | <i>Gift</i> |
|--|-------------------------|
| Associated Radiology Treatment Center | \$5 million |
| <i>Gastroenterology Center of Excellence</i> | <i>\$2 million</i> |
| <i>Linear Accelerators (6)</i> | <i>\$2 million each</i> |
| <i>Courtyard/Garden</i> | <i>\$1 million</i> |
| <i>Main Concourse/Waiting Area</i> | <i>\$1 million</i> |
| <i>Physicians Conference Center (14 seats)</i> | <i>\$500,000</i> |
| <i>Physicians Office Suite</i> | <i>\$500,000</i> |
| <i>Treatment Planning Unit</i> | <i>\$500,000</i> |
| <i>Patient Examination Suite (8 rooms)</i> | <i>\$500,000</i> |
| <i>CT Scan Unit</i> | <i>\$500,000</i> |
| <i>Medical Records Department</i> | <i>\$250,000</i> |
| <i>Physicians Staff Lounge</i> | <i>\$250,000</i> |
| <i>Nurses Office Suite</i> | <i>\$250,000</i> |

Associated Radiology Treatment Center

On the Radiation Oncology Floor at Hackensack University Medical Center's new John Theurer Cancer Center, a unique combination of advanced technology and personal care will help to produce superior outcomes for patients.

The expanded space for radiotherapy in the new building will house up to six linear accelerators, a 40 percent increase in the hospital's current capacity. These state-of-the-art machines will all be equipped with IGRT (image-guided radiation therapy), an exciting advancement that enables physicians, through the use of new imaging technology, to more accurately pinpoint the location of a tumor and attack it while sparing surrounding tissue. This new technology will help HUMC to maintain its leadership position in key areas of radiotherapy, such as high dose brachytherapy and stereotactic radiosurgery.

Radiation oncology is an ultra-scientific discipline. Doctors trained in higher-level physics work with physicists to create a plan and a technical design for the treatment of each patient, which is administered by a specially licensed therapist. Radiation oncologists see their patients weekly, to monitor their progress and treat any side effects that may occur. After conclusion of the treatment period, the medical oncologists conduct long-term follow-up visits, keeping the radiation oncologists up to date on their patient's progress.

The efficient and economical design of the new center will greatly enhance the above-mentioned process, helping to streamline the flow of care and making for a more seamless patient experience. Within the accessible confines of one building, patients will be able to see all their doctors and get their radiation treatments in a single visit.

The new facility will also take radiation oncology out of the basement where it now resides and put it in a bright, airy, and aesthetically appealing space, with sunlight streaming in through an atrium. The friendly and positive environment will mirror the warmth and encouragement of the medical staff, qualities that induce many patients to come back, long after their treatment is completed, to say hello to the people who have taken such good care of them.



Donald Farraro, 61, was known in bars and clubs around town for a singing voice and style similar to Frank Sinatra's. In 2004, he was diagnosed with cancer of the tongue. After chemotherapy from Dr. Alter and radiation treatments from Dr. Godfrey, Mr. Farraro became—and remains—cancer free, his vocal powers undiminished. He lives in Hasbrouck Heights, near the former home of that other 'local' singer.

*“**O**ne night I sang ‘Summer Wind’ at a karaoke bar and everyone stopped and paid attention. After that, I sang in 15 or 20 other joints. Then I got cancer on my tongue. I told Dr. Alter I was worried I wouldn’t be able to sing anymore. He smiled. ‘So you don’t care if you live or die? You just care about singing?’ After chemo and 40 radiation treatments from Dr. Godfrey, the cancer was gone. So I never needed surgery! Those doctors—they really look after you. They won’t let you fall through the cracks. Just talking to them makes you feel good. My voice is in great shape, but a half key lower. I’m more of a baritone now.”*

Anthony Ingenito, M.D.

*Chairman, Department of Radiation Oncology
and Co-Director of the Institute for Radiosurgery*

Loren Godfrey, M.D.

*Director of Brachytherapy
Department of Radiation Oncology*



Dr. Ingenito specializes in stereotactic radiosurgery, a highly focused radiation therapy used to treat small brain tumors, both malignant and benign. Recent improvements in imaging technology enable him to target the tumors with great accuracy, yielding minimal exposure to healthy surrounding brain tissue.

Dr. Ingenito's expertise in radiotherapy also extends to lung and breast cancer, and he is exclusively responsible for treating cases of childhood cancer. Few pediatric oncologists can match his knowledge of ongoing studies, his experience with effective dosages and protocols, and his understanding of the subtle changes made over the years in treating children with radiation.

“We meet with our patients to gain insight into their needs and to provide them with the individual care they require. We manage each of them differently, from a personal and social standpoint. Some don't need much support—others do. We often involve social workers in the process and include family members, too.”

Dr. Ingenito

“Brachytherapy enables us to safely deliver higher doses of radiation with fewer side effects. In the new cancer center, we'll be equipped with state-of-the-art radiotherapy technologies, raising our work to a new level of precision.”

Dr. Godfrey

Dr. Godfrey is a radiation oncologist specializing in brachytherapy and other types of radiation therapy. He brings his expertise to the treatment of head and neck cancers, gynecologic cancer, and breast tumors.

In brachytherapy, rice-like seeds or cylinders containing concentrated doses of radiation are inserted into the area of a tumor. The seeds release radiation directly into that area, destroying the tumor or cancer cells.

Dr. Godfrey is also developing image-guided radiotherapy that enables a more precise treatment of head and neck tumors and a new protocol to study the use of TomoTherapy (which integrates treatment planning, patient positioning, and treatment into one system) for ovarian cancer patients.

Glen Gejerman, M.D.

*Co-Chief, Division of Urologic Oncology and
Clinical Director, Department of Radiation Oncology*

Joseph Hanley, Ph.D.

*Director of
Medical Physics*

Mehmet Tuna

*Director of
Technical Services*



In his dual role as a leader of both the urologic and radiation oncology teams, Dr. Gejerman has spearheaded the use of novel techniques and technologies in radiotherapy to treat prostate and other cancers. He directed the recent acquisition of the hospital's TomoTherapy system, one of the few dedicated to the treatment of prostate cancer. The system integrates the three steps of radiation therapy: planning the treatment, positioning the patient, and delivering the treatment.

Dr. Gejerman is invited to speak at conferences all over the world about his expertise in brachytherapy (radioactive seed implantation) and intensity modulated radiation therapy.

“We’re the leaders in high-dose-rate brachytherapy. We can safely deliver the maximum dose to the tumor while avoiding collateral damage—whether it’s prostate, lung, or breast. Our machines require the amount of space we’ll have in the new cancer center—more room for us and greater comfort for our patients.”

Dr. Gejerman

Dr. Hanley oversees the physicists, the highly skilled professionals who work with the radiation oncologists to calculate the proper dose for each patient and ensure that it’s accurately delivered by the machines used in radiation therapy. In his research, Dr. Hanley investigates the uses of several kinds of radiation therapy to treat a number of different types of cancer, including prostate, head and neck, and lung tumors.

Mr. Tuna oversees the department of radiation oncology—all the radiation therapists, radiotherapy students, and scheduling coordinators. In seeking to eliminate patient position inaccuracies and by using the latest techniques, such as image-guided radiotherapy, his department increases tumor control and produces superior patient outcomes.



Hackensack University Medical Center Foundation

360 Essex Street, Suite 301, Hackensack, NJ 07601-8566
www.humcfoundation.com