Treating Prostate Cancer Safely and Accurately with Radioactive Seed Implants

The use of radioactive seed implants to treat cancer, a process known as brachytherapy, stretches back to the 1950s, when some of the pioneering advances in the field were developed at Memorial Hospital. Today, Memorial Sloan-Kettering Cancer Center clinicians continue to lead the way in advancing the use of brachytherapy, including the development of a more refined approach for treating men with prostate cancer. Using real-time, computer-based treatment planning and intraoperative CT scanning, our doctors are able to optimize the radiation dose delivered to the prostate through seed implants while limiting radiation exposure to important nearby structures -- thereby minimizing the likelihood of side effects.

What's New at MSKCC.ORG

New Adrenal Tumors Overview

If you or your loved one has been diagnosed with an adrenal tumor, Memorial Sloan-Kettering Cancer Center is ready to help. Our experienced team of doctors, nurses, and healthcare professionals who treat cancerous and noncancerous tumors of the adrenal gland is dedicated to providing the highest-quality treatment and care for our patients.

New Gastrointestinal Neuroendocrine Tumors Overview

Neuroendocrine tumors can arise in a variety of organs, such as the small intestine, rectum, appendix, colon, liver, lungs, pancreas, skin, and adrenal gland. Our experienced team of doctors, nurses, and other healthcare professionals is dedicated to providing the highest-quality treatment, counseling, and follow-up care for patients with neuroendocrine tumors of the gastrointestinal system.

Endometrial Cancer Prediction Tool

A new tool, known as a nomogram, that predicts the chance of overall survival following primary therapy for endometrial cancer, which is sometimes also called uterine cancer. This tool may be used by clinicians and patients in consultation with their physicians in assessing risk when deciding on follow-up therapies after surgery.

Researchers Design More Effective Cancer Vaccine

Memorial Sloan-Kettering investigators have shown that a new type of cancer vaccine might be more effective than previous therapies at inducing immune cells to destroy tumors.

Investigators Pioneer a Cell-Based System for Modeling Disease and Treatment

Memorial Sloan-Kettering researchers have engineered stem cells from patients with familial dysautonomia, a rare genetic disorder, and used them to explore the causes of the disease and to test drugs that might be effective against it.

Patient Profile

Nancie’s Story

There is never a good time for disease to strike. But for chef and restaurant owner Nancie Simonet, the phone call that woke her up before dawn one morning in January 2003, could not have come at a worse time. The call would eventually lead to a diagnosis of a blood disorder known as myelodysplastic syndrome (MDS) and a life-saving stem cell transplant.

Public Events


On March 18, join Clifford Hudis, Chief of Memorial Sloan-Kettering's Breast Cancer Medicine Service, for a comprehensive discussion of breast cancer -- on topics ranging from biology, prevention, diagnosis, prognostication, and management, to adjustment to life after treatment.

Prostate Cancer: Current Status & Future Directions -- Unique Impact on Caribbean and African-American Men

On March 27, Memorial Sloan-Kettering experts and their colleagues will present an overview for healthcare professionals of prostate cancer management, advances, and future directions, with an
emphasis on the impact of the disease on Caribbean and African-American men.

**The Latest in Lung Cancer Treatment**

On April 13, join Memorial Sloan-Kettering physicians Raja Flores, an Associate Attending Surgeon on the Thoracic Service; Mark Kris, Chief of the Thoracic Oncology Service; and Kenneth Rosenzweig, an Associate Attending Radiation Oncologist on the Radiation Oncology Service for a discussion of the latest advances in the diagnosis and treatment of lung cancer. Information presented in this lecture will focus on diagnosis and treatment options for lung cancer.

**"Mom, Will I Get Breast Cancer Too?" - Initiating Conversations Between Mothers and Daughters About Breast Cancer**

On April 28, our experts will explore how mothers with breast cancer and their daughters can better communicate about complex issues and about their genetic risk. We will also discuss recommendations for surveillance, the risks and benefits of hormone therapy, and the timing of genetic testing, as well as recommendations for what families can do with new and often confusing information, and how best to explore ongoing options.

**Advances in the Diagnosis and Treatment of Thyroid Cancer**

On May 26, join Memorial Sloan-Kettering physicians Lucy Hann, an Attending Radiologist in the Radiology Department; Ashok Shaha, an Attending Surgeon on the Head and Neck Service; and Michael Tuttle, an Attending Physician on the Endocrinology Service for a discussion of the up-to-date information on the risk factors, screenings, diagnosis, and treatment for thyroid cancer.