

South Nassau Communities Hospital

South Nassau is one of the region's largest hospitals, with 435 beds, more than 875 physicians, and 2,800 employees. Located in Oceanside, New York, the hospital is an acute-care, not-for-profit teaching hospital providing state-of-the-art care in cardiac, cancer, orthopedic, bariatric, pain management, mental health, and emergency services.

In addition to its extensive outpatient specialty centers, South Nassau boasts Long Island's first and only Gamma Knife® and Novalis Tx™ radiosurgery systems. We are accredited by the American College of Radiology, American College of Surgeons Commission on Cancer as a Comprehensive Community Cancer Program, and we earned the ACoS CoC Outstanding Achievement Award for 2009.

The Center for Comprehensive Radiation Services

We understand the delicate balance you must strike when considering treatment options for your patients. At the Center for Comprehensive Radiation Services, we have combined the benefits of both surgery and radiation into one unique radiosurgery program. Our comprehensive solution has become a single-source destination for complete treatment of malignancies in both the brain and the body. Our advanced technology, combined with our expertise in the treatment of all major types of cancer and a range of experience that is unmatched in the area, speaks to the depth and breadth of our ability to serve you and your patients during a very difficult time in their lives. Look no further; the choice is clear.

For more information on the Center for Comprehensive Radiation Services, please turn the page and review our offerings.



Safer, Faster, and More Precise Treatment Options for Improved Patient Experience

Novalis Tx — offers one of the most versatile treatment platforms available for radiosurgery and radiotherapy — from frameless and frame-based treatment of cranial indications, to extra-cranial treatment of spine, lung, pancreas, liver, and prostate cancer.

Gamma Knife — offers non-surgical treatment of certain brain abnormalities, including malignant and benign tumors, arteriovenous malformations (AVMs) and functional disorders such as trigeminal neuralgia.

3D Conformal Radiation Therapy, IMRT, and IGRT

- 3D Conformal — radiation therapy technique that shapes the beams to the shape of a tumor
- IMRT (Intensity Modulated Radiation Therapy) — radiation therapy technique that allows the ability to conform to the edges of a tumor with pinpoint precision
- IGRT (Image Guided Radiation Therapy) — radiation therapy technique that utilizes 2D and 3D imaging to localize a tumor allowing greater accuracy and precision

Brachytherapy — refers to the placement of radioactive sources within or in close proximity to a malignancy to provide local radiation therapy.

- MammoSite® Radiation Therapy System and Contura® Balloon Treatment — accelerated breast radiation therapies that treat breast cancer from within the breast in five days via single-channel or multi-channel balloon technique
- Interstitial Brachytherapy for Prostate Cancer — radioactive seeds are placed directly within the prostate gland. This allows a very high dose to be delivered to the prostate while minimizing the dose to the surrounding structures, such as the bladder and rectum
- Endobronchial Brachytherapy — the use of radioactive sources placed within a bronchus (airway) to treat patients suffering from airway obstruction due to lung cancer and other tumors
- Gynecological Brachytherapy — the use of radioactive sources placed directly within the tumor (vaginal, cervical or uterine cancers)

CT/Simulation — Low-dose CT offers advanced imaging capability for all parts of the body, but with less radiation dose to your patients. Less radiation dose is especially beneficial for patients who require multiple scans.

For more information on the services offered at the Center for Comprehensive Radiation Services, please call or visit:

516-632-3360

www.southnassauradiosurgery.org

**South Nassau Communities Hospital
One Healthy Way
Oceanside, NY 11572**

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