

Mount Sinai South Nassau

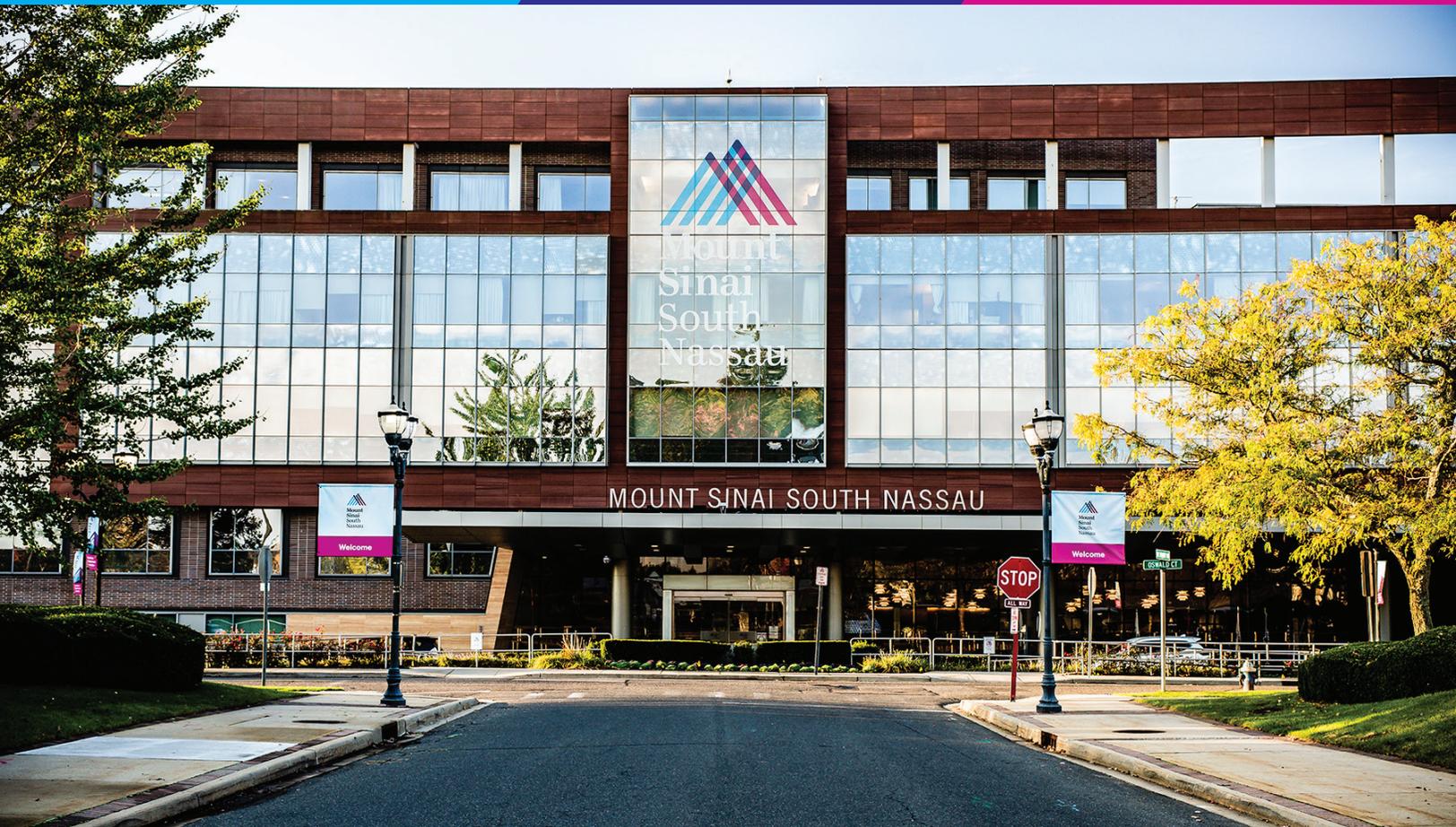
Mount Sinai South Nassau is one of the region's largest hospitals, with 455 beds, more than 900 physicians, and more than 3,000 employees. Located in Oceanside, New York, the hospital is an acute-care, not-for-profit teaching hospital providing state-of-the-art care in cardiac, cancer, orthopedic, bariatric, pain management, mental health, and emergency services.

In addition to its extensive outpatient specialty centers, Mount Sinai 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.

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 offer a full complement of state-of-the-art, highly precise, and safe options for radiation therapy including intensity modulated radiation therapy (IMRT); Gamma Knife® stereotactic radiosurgery; and stereotactic body radiation therapy with Novalis TX. 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 Radiosurgery – offers one of the most versatile treatment platforms available for radiosurgery and radiotherapy – from frameless and frame-based treatment of primary and metastatic brain tumors, to targeted non-invasive treatment for tumors in the body including lung cancer, prostate cancer, metastatic cancers, cancers of the spine, liver cancer, and kidney cancer.

Gamma Knife® Perfexion – offers the "gold standard" for non-surgical treatment of intracranial conditions, 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
- HDR Brachytherapy – a high dose rate afterloader temporarily delivers targeted radiation to a specific site within the body, including cancers involving the bronchus, soft tissue (sarcoma), and gynecological system (vagina, cervix or uterus)

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.

Specialized Techniques

- **Deep inspiration breath hold (DIBH)** – minimizes radiation exposure to the heart for cancers of the left breast
- **Prone breast radiation** – for women with larger breasts, the patient lies on her stomach during breast cancer radiation to minimize exposure to the heart and lungs and reduce skin reaction.
- **Fiducial/SpaceOAR** – for enhanced targeting and rectal sparing in prostate cancer patients.
- **4D treatment planning**

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

516-632-3370

southnassauradiosurgery.org

Mount Sinai South Nassau
One Healthy Way, Oceanside, NY 11572

