



RADIATION ONCOLOGY

The Center for Cancer Care at Exeter Hospital provides patients with comprehensive oncology and hematology services through a unique collaboration with Massachusetts General Hospital Cancer Center. Radiation oncologists from the world's leading academic medical center provide onsite care with convenient access to Massachusetts General Hospital's cancer specialists. Exeter Hospital's Center for Cancer Care is accredited by the American College of Surgeons' Commission on Cancer as a community cancer program.

Intraoperative Radiation Therapy (IORT)

Exeter Hospital was the first hospital in New Hampshire to adopt the Xofigo[®] Axxent[®] eBx[™] electronic brachytherapy system to treat certain early cases of breast cancer. Doctors administer a single high dose of radiation to the tumor bed during a lumpectomy, which replaces the current standard procedure of five to seven weeks of whole breast radiation therapy. This not only eliminates weeks of appointments, but also minimizes radiation exposure to healthy tissue and organs. Patients with early stage breast cancer who meet specific criteria have the ability to receive effective cancer treatment in just one day.

Electronic Brachytherapy

This technology delivers radiation therapy electronically without the use of radioactive isotopes, eliminating the need for heavy shielding typically used with radiation treatments. The clinical team is able to stay in the room with the patient during the treatment, which is completed over a course of five days instead of the typical seven weeks. Electronic brachytherapy treats gynecological cancer and some early stage breast cancers.

Stereotactic Radiosurgery

Stereotactic radiosurgery is a highly sophisticated form of radiation treatment that uses beams of radiation which can be very precisely aimed at a tumor, minimizing radiation exposure to surrounding healthy tissue. This radiation treatment is typically administered in high doses over a shorter period of time than traditional radiation. Stereotactic radiosurgery is primarily used to treat tumors of the brain and lung.

Multi-Disciplinary Clinics

Our unique breast and prostate multi-disciplinary clinics offer personalized evaluations and treatment from a collaborative team of experts in cancer care. The multi-disciplinary team includes a medical hematologist/oncologist and radiation oncologist, as well as experts in surgery, urology, plastic surgery, physical therapy, nursing and social work to offer patients a comprehensive approach to diagnosis, treatment and recovery. Our clinics eliminate the anxiety of multiple appointments by bringing these specialists together in one afternoon. At the end of the session, the oncology team collectively gives an opinion for the best course of treatment for the patient's individual diagnosis.

For more information or to schedule an appointment, call 603-580-7336.

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