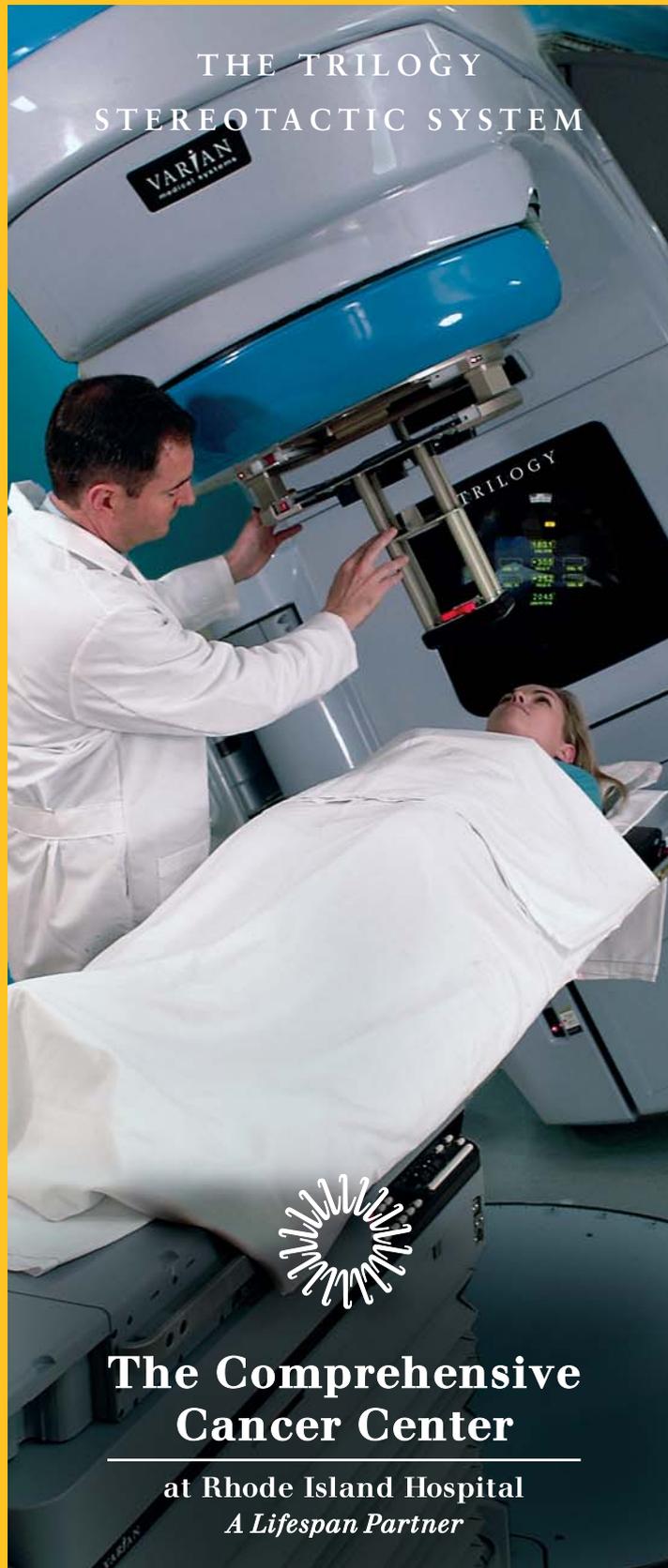
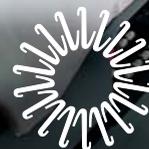


THE TRILOGY
STEREOTACTIC SYSTEM



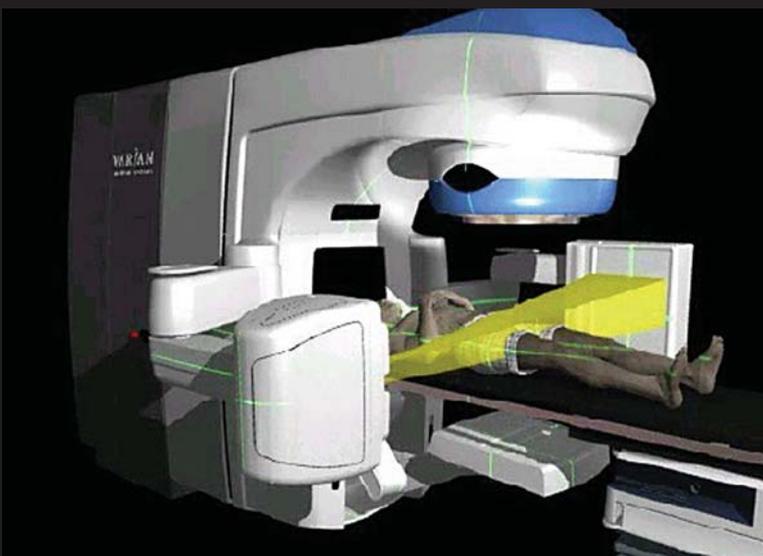
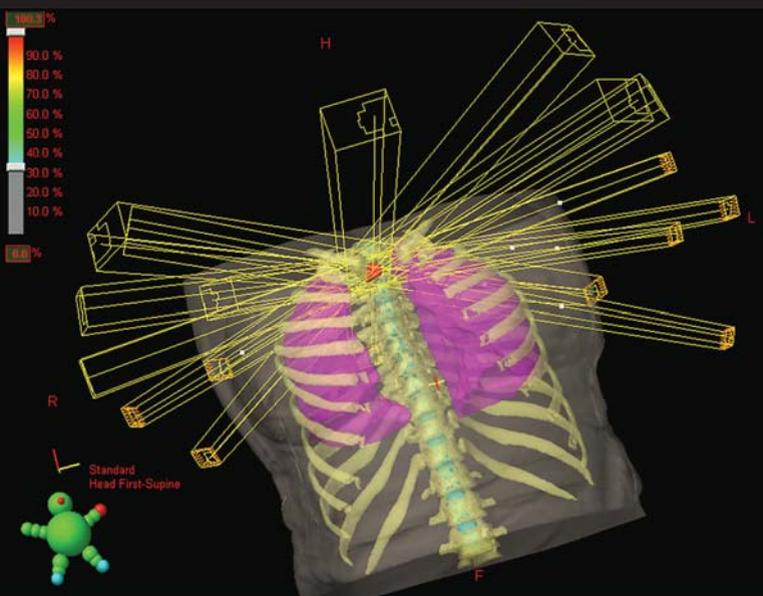
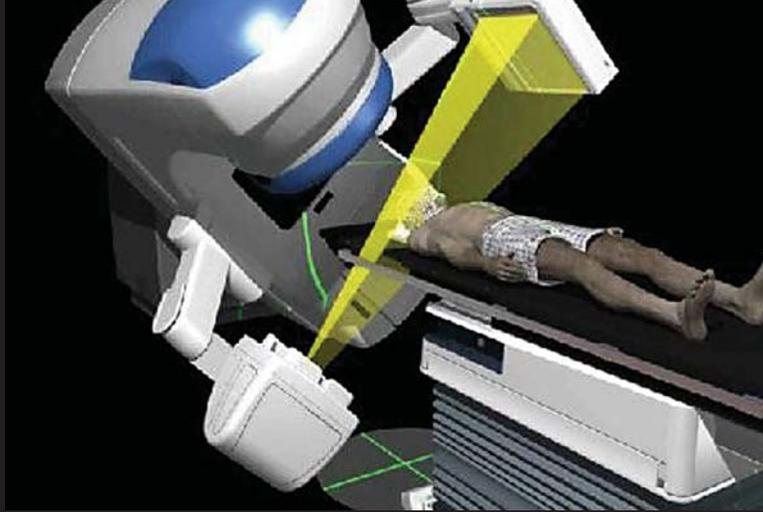
**The Comprehensive
Cancer Center**

at Rhode Island Hospital
A Lifespan Partner



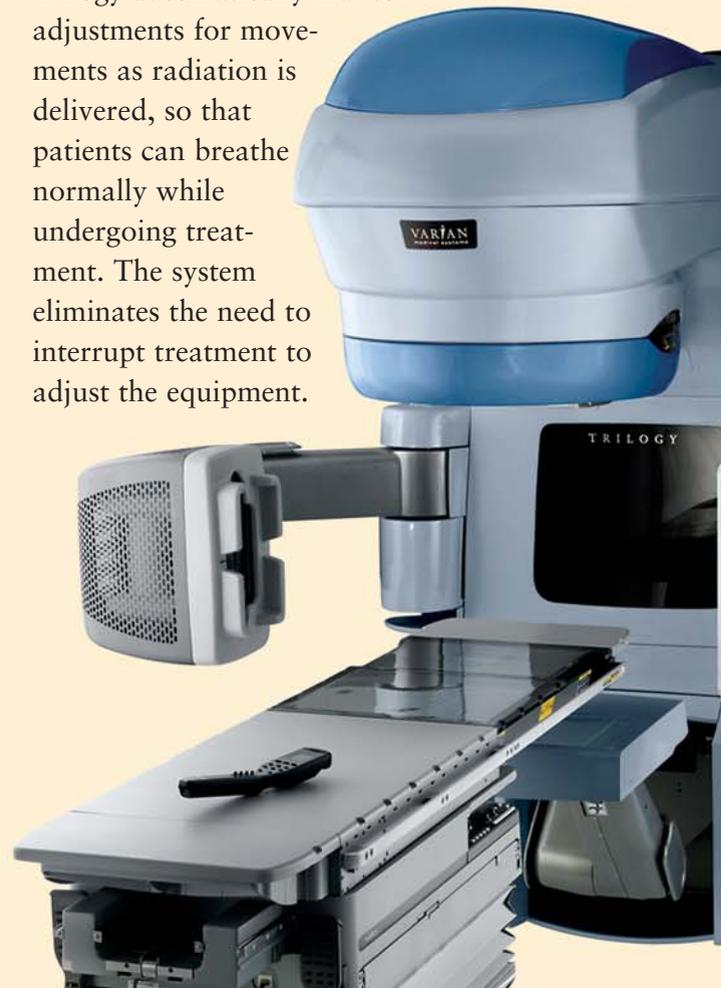
**The Comprehensive
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The Comprehensive Cancer Center at Rhode Island Hospital is the first in Rhode Island to use the new TrilogY™ Stereotactic System to treat patients with cancer. TrilogY is the world's premier image-guided system that is capable of delivering all forms of external beam radiation, allowing physicians to pinpoint cancer in the head, neck and body, and use the most effective treatments for each type of cancer.

TrilogY's linear accelerator - Varian's 23EX Clinac - shapes radiation beams to match the shape of the targeted tumor, while TrilogY's On-Board Imager allows physicians to accurately position patients for treatment and track the tumor during treatment. Unlike other radiation therapies, TrilogY automatically makes adjustments for movements as radiation is delivered, so that patients can breathe normally while undergoing treatment. The system eliminates the need to interrupt treatment to adjust the equipment.



ONE MACHINE, MULTIPLE THERAPIES

The Trilogy system can deliver:

- **3D conformal radiotherapy (3DCRT)** - used to treat tumors that may be located too close to vital organs and structures for other forms of radiation therapy. Because higher doses of radiation can be delivered to tumors while reducing the amount of radiation received by the surrounding, healthy tissues, 3DCRT increases the rate of tumor control while decreasing radiation-related side effects.
- **Intensity-modulated radiation therapy (IMRT)** - a noninvasive procedure that uses pinpoint delivery of radiation therapy. Unlike radiation and drug therapies, IMRT causes no fatigue, nausea or hair loss and enables better control of radiation to the tumor with less toxicity, preserving the surrounding, healthy tissues.
- **Image-guided radiation therapy (IGRT) and image-guided radiosurgery (IGRS)** - uses low energy, real-time x-ray technology to view cancer and neurological lesions as they are treated, ensuring the most precise delivery of radiation.
- **Stereotactic radiosurgery (SRS)** - a computer-guided radiation therapy system that delivers focused beams of radiation directly into a tumor; little radiation affects surrounding healthy tissues.

- **Stereotactic body radiosurgery** - similar to SRS but is used when a larger area outside of the skull needs to be treated.
- **Intensity-modulated radiosurgery (IMRS)** - for cancer and neurosurgical treatment.
- **Conformal arc therapy** - a treatment modality in which radiation beams are continuously shaped to conform to the targeted tumor.
- **Electron therapy** - a technique that changes the energy of electrons to treat both superficial lesions, like skin cancer, and deeper lesions, like breast cancer.
- **Gated radiotherapy** - a noninvasive procedure typically used to treat cancers in the lung and upper abdomen.

TYPES OF CANCER TRILOGY CAN TREAT

- Tumors in or near the spine
- Tumors at the skull base
- Head and neck cancer
- Lung cancer
- Liver cancer
- Pancreatic cancer
- Prostate cancer
- Breast cancer
- Skin cancer
- Kidney cancer
- Pelvic tumors

ADDITIONAL BENEFITS FOR PATIENTS

For many cancer patients, lengthy courses of treatment mean major interruptions in their normal lives. Because Trilogy delivers higher doses of radiation in less time than other radiation modalities, treatment times are significantly reduced for most patients. For example, a course of treatment that would last six to seven weeks using another radiation technology would only take one week to complete using Trilogy. In addition, Trilogy's ability to treat smaller areas means less radiation-related side effects for patients. Radiation can be directed at the cancerous tissues without damaging the normal, surrounding tissue.

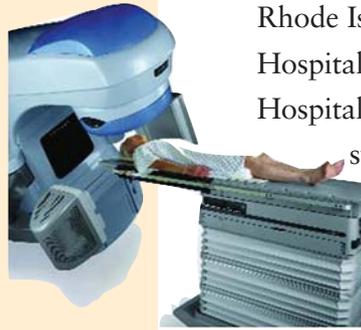
Treatment with Trilogy is covered by most health insurance plans.

LEARN MORE

For more information about the Trilogy system, call us at 866-401-0002 or visit www.Lifespan.org.

ABOUT THE COMPREHENSIVE CANCER CENTER

Rhode Island Hospital and its Hasbro Children's Hospital, The Miriam Hospital and Newport Hospital – all partners in the Lifespan health care system – are partners in an innovative collaboration to provide coordinated and comprehensive care for cancer patients: The Comprehensive Cancer Center. The center brings together experts from the three hospitals, forming a team whose level of knowledge and experience are unparalleled in Rhode Island.



THE TRILOGY
STEREOTACTIC SYSTEM
AT RHODE ISLAND HOSPITAL

Unlike other radiation therapies, Trilogy automatically makes adjustments for movements as radiation is delivered, so that patients can breathe normally while undergoing treatment.

Trilogy's ability to treat smaller areas means less radiation-related side effects for patients. Radiation can be directed at the cancerous tissues without damaging the normal, surrounding tissue.

