

Precision Radiotherapy at University Pointe provides patients with breakthrough radiation technology, convenient treatment regimens and a team of internationally recognized specialists—all in a comfortable, compassionate environment.

Located just north of Cincinnati in West Chester, Ohio, Precision Radiotherapy is one of the most progressive treatment centers in the Midwest, featuring specialists from the Mayfield Clinic and University Radiation Oncology. If you are a patient or referring physician seeking information about advanced treatment for tumors and other abnormalities in the head, neck and body, please contact us today to learn how we can help.

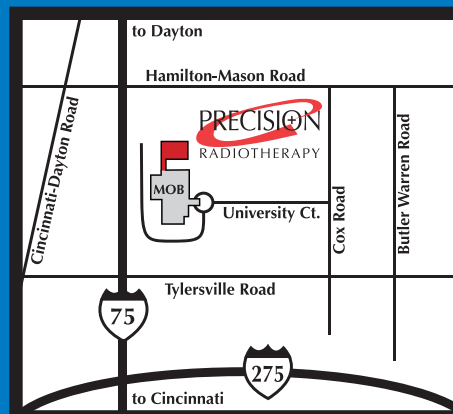
Precision Radiotherapy
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West Chester, Ohio 45069
513.475.7777 • FAX: 513.475.7778
Hours: Monday-Friday, 8:00 am - 5:00 pm



PRECISION
RADIOTHERAPY

A partnership of Mayfield Clinic
and University Radiation Oncology

Precision Radiotherapy is conveniently located at University Pointe, 7710 University Court, just off I-75 in West Chester, Ohio, between Cincinnati and Dayton.



**Advanced
Radiation
Treatment**
www.PrecisionRadiotherapy.com

A regional resource

Precision Radiotherapy is the region's first center to offer high-precision radiotherapy/radiosurgery for tumors and other abnormalities both inside and outside the brain. We can target benign and malignant tumors of the brain, head and neck, as well as tumors elsewhere in the body, such as the prostate, spine, lung and liver. Patients also come to us for treatment of vascular malformations, trigeminal neuralgia, acoustic neuromas and pituitary adenomas.

Breakthrough technologies

Our center features both BrainLab's Novalis® Shaped Beam Surgery and TomoTherapy Inc.'s Hi-Art System™. Each technology offers revolutionary radiosurgery or radiotherapy treatment for tumors in the brain and other areas of the body.

Novalis® Shaped Beam Surgery technology treats tumors and other lesions with shaped, high-dosage beams of radiation. This precise high-dosage beam of photon energy has the potential to eradicate selected tumors that cannot be adequately treated with conventional radiation or surgical techniques. When performed on an outpatient basis, it allows many patients to avoid risks associated with an invasive surgery, hospitalization and prolonged recovery.

Using a highly advanced beam-shaping device called a collimator, Novalis® generates a beam of radiation to the exact contour of a lesion, minimizing radiation exposure to normal cells and enabling delivery of a higher dose.

TomoTherapy Hi-Art System™, another new way to treat cancer, utilizes an integrated computed tomography (CT) system coupled with radiotherapy. Using 3D CT image verification, TomoTherapy® identifies a patient's anatomy (size, shape and location of a lesion) immediately before each treatment and then delivers a precise high-dose beam of radiation to the lesion while minimizing radiation exposure to healthy tissues or sensitive organs. Because a lesion's size and shape can change between treatments, up-to-the-moment CT images give the physician the confidence that comes with knowing exactly what the lesion looks like on each treatment day.



Patients come to us for treatment of brain tumors, acoustic neuromas, vascular malformations, trigeminal neuralgia and pituitary adenomas, as well as tumors of the head, neck, spine, prostate, lung, liver and elsewhere.

TomoTherapy® has a relatively large field size, allowing for treatment of large targets in body areas other than the brain. The actual treatment delivery usually takes 15 minutes. Multiple treatments may be necessary.

Which technology is right for you?

Your physician will determine whether your condition would be best treated with the Novalis® Shaped Beam Surgery or the TomoTherapy Hi-Art System™. In general, TomoTherapy is used when a patient's field size (the area of the body to be treated) is larger than 4 inches, while smaller field sizes are better treated with Novalis.

A comfortable & reassuring environment

Our specialists have treated thousands of patients. We understand the challenges our patients face each day, and have designed Precision Radiotherapy with those challenges in mind. While at the center, patients can stroll through our courtyard, view artwork and nature displays, or relax in our comfortable facilities.

More information

Take a virtual tour at PrecisionRadiotherapy.com to learn about our advanced technologies, world-class physicians, and innovative treatments.



Our nationally recognized team

Precision Radiotherapy was created by the Mayfield Clinic and University Radiation Oncology, two nationally recognized neuroscience programs affiliated with the University of Cincinnati College of Medicine. Together, these two entities have created yet another world-class team:

Radiation oncologists are board-certified physicians with specialized training in treating tumors and other lesions with various forms of radiation. They work with medical physicists and neurosurgeons to develop an individualized treatment plan for patients.

Neurosurgeons provide initial patient evaluation, treatment planning and follow-up for all neurosurgical patients treated.

Radiologists work with the team to precisely identify the target area for radiation treatment.

Radiation therapists are state-licensed, highly trained health professionals who deliver radiation treatment according to specific protocols.

Medical physicists are health professionals with special training in radiation physics. They are responsible for maintaining and calibrating the radiation equipment as well as working with radiation oncologists and neurosurgeons to develop patient treatment plans.