

What is Edge Radiosurgery?

Edge Radiosurgery is a cutting-edge, non-invasive cancer treatment designed to target and treat tumors with exceptional precision. Utilizing advanced technology, Edge Radiosurgery allows oncologists to deliver high doses of radiation to tumors in areas such as the lung, brain, and spine without the need for incisions or lengthy recovery periods. This state-of-the-art procedure is particularly effective for patients who are not candidates for traditional surgery or who have tumors in delicate or hard-to-reach locations.

Hours of Service

Office Hours:

Monday – Thursday, 7:30 a.m. – 4:30 p.m.
Friday, 7:30 a.m. – 4:00 p.m.

Contact Us

For more information, visit us online at www.selfregional.org/edge or to make a Radiation Therapy appointment, call (864) 725-4741.

Location

Advanced Radiation Oncology is located within the Cancer Center at Self Regional Healthcare at 1325 Spring Street in Greenwood, SC.



SELF REGIONAL
HEALTHCARE

CANCER CENTER



EDGE Radiosurgery



SELF REGIONAL
HEALTHCARE

CANCER CENTER

1325 Spring Street • Greenwood, SC 29646
Office: (864) 725-4741

QSF-MKT-SRH-0000, Revision 0, 00/00/2019

About Treatment

Advanced Cancer Treatment

The Edge radiosurgery system represents cutting-edge technology for cancer care, providing a minimally invasive treatment that allows patients to maintain their routines with minimal disruption. This revolutionary system offers cancer patients a quick, precise, and effective alternative to traditional surgery—without incisions or lengthy hospital stays.

Fast, Focused Treatments

Using advanced tumor-targeting capabilities, the Edge system delivers precise treatments that focus solely on the tumor, minimizing damage to surrounding healthy tissue. This innovative option allows oncologists to reach tumors that are difficult to access surgically, from nearly any angle, ensuring both accuracy and effectiveness.

Comfort and Convenience

With treatments often lasting less than 15 minutes, patients can experience quick, efficient care and promptly return to their daily lives. Oncologists trust Edge to provide fast and accurate cancer treatments, giving patients peace of mind. Because the Edge system is non-invasive, many procedures are outpatient, reducing the need for hospital stays while offering results comparable to traditional surgery—without the side effects.

Your Treatment Journey

The Edge radiosurgery treatment consists of several key steps: tumor visualization, treatment planning, treatment delivery, real-time imaging, and follow-up care.

Tumor Visualization

In this stage, 3D images of the tumor are created, allowing your doctor to determine its exact size, shape, and location. This information is essential for tailoring the precise dose of radiation needed for your treatment.

Treatment Planning

Once the tumor specifics are mapped out, a customized treatment plan is developed. Highly trained specialists use sophisticated software to build a 3D model of the tumor, determining the exact radiation dosage and angles from which the radiosurgery beam will be delivered.

Treatment Delivery

In the treatment room, a therapist will position you on the treatment table. Prior to starting, imaging will verify the tumor's location. As treatment begins, the Edge's head rotates 360 degrees around you, ensuring precise radiation delivery from all angles. You'll remain in constant contact with the therapist during the procedure. The first session may take slightly longer due to initial setup, but subsequent treatments will be quicker.

Imaging During Treatment

Throughout the procedure, real-time imaging allows your doctor to monitor the tumor from every angle. This ensures that the high-dose radiation is delivered with pinpoint accuracy, maximizing treatment effectiveness.

Follow-up Care

After treatment, you'll receive ongoing follow-up care to track your progress and recovery. This is a great time to ask any questions, address concerns, and discuss your health status with your doctor.



Your Healthcare Providers



Matthew M. Cousins, M.D., PhD
Radiation Oncologist

- Undergraduate: Clemson University, Clemson, S.C.
- Graduate: Clemson University, Clemson, S.C., Johns Hopkins University School of Medicine, Baltimore, M.D.
- Medical School: University of North Carolina School of Medicine, Chapel Hill, N.C.
- Radiation Oncology Residency: University of Michigan Health System, Ann Arbor, MI



E. Clint Wood, M.D.

Board Certified Radiation Oncologist

- Undergraduate: Morehead State University Morehead, K.Y.
- Graduate: University of Wisconsin Madison, W.I.
- Medical School: University of Kentucky College of Medicine Lexington, K.Y.
- Radiation Oncology Residency: Medical College of Wisconsin Milwaukee, W.I.



Rebecca Whittington, FNP-C

Board Certified Nurse Practitioner

- Undergraduate: University of Illinois
- Graduate: Clemson University, Clemson, S.C.