

EDWARD H. SCHEID, JR., MD

Neurosurgeon

MICHELLE BAHN, MD

Neurosurgeon

LOUIS NOCE, MD

Neurosurgeon

Comprehensive Care for

Brain Tumors
Arthritis of the Spine
Degenerative Disc Disease
Spinal Stenosis
Herniated Disc
Bone Spurs
Spondylolithesis
Low Back Pain
Neck Pain
Sciatica
Compression Fractures
Spine Tumors

On Site Services Include:

MRI, CT and X-ray
Pain Management
McKenzie-Certified PT

1220 New Scotland Road
Suite 103
Slingerlands, New York 12159

Phone: 518-439-4326

Fax: 518-439-6143

**Appointments available in
48 hours**

**Innovation Brain and Spinal Tumor
Treatment Now Available**

Capital Region Neurosurgery Providers Offering NOVALIS Technology

Dr. Michelle Bahn of Capital Region Neurosurgery treats brain and spinal tumors with groundbreaking cancer treatment technology, Novalis.

“This new technology is truly revolutionary as it targets tumors in sensitive areas while keeping healthy tissue intact,” said Michelle Bahn, MD. “This is a precise, fast and patient-friendly alternative that does not require application of a rigid headframe.”



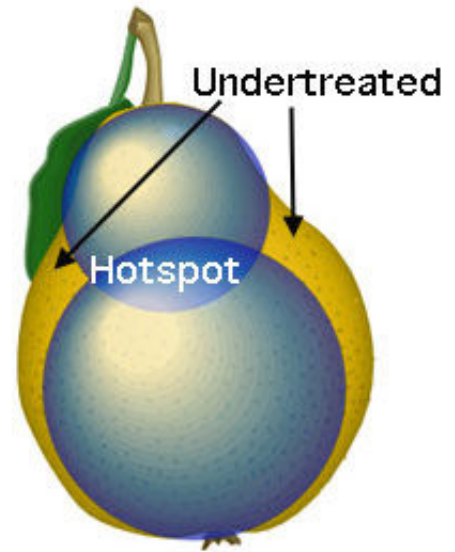
(Image courtesy of BrainLab AG)

This exciting new option enables more patients to remain in the Capital District for treatment.

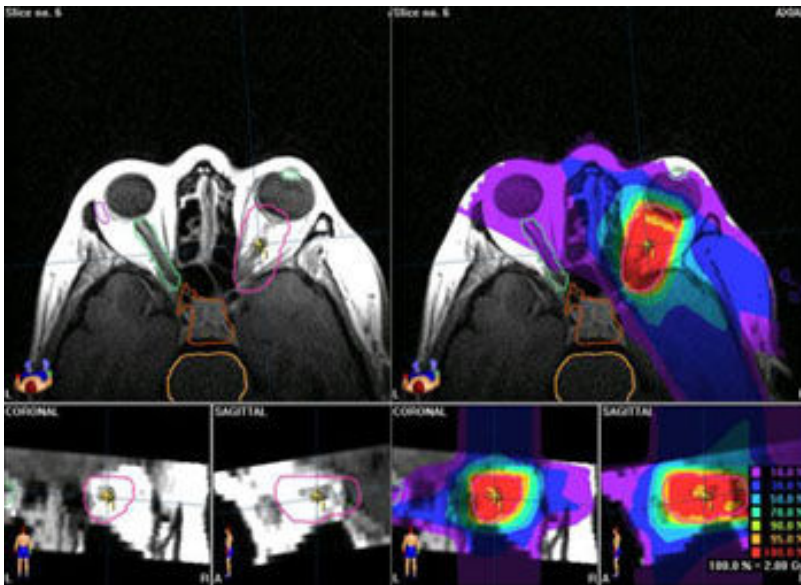
Dr. Bahn has conducted research at both St. Louis University and Washington University and has a number of publications on brain tumor research. The versatility of the Novalis platform makes it possible to offer the most appropriate form of treatment based on patient needs. The Novalis platform enables doctors to use image-guided radiosurgery to offer patients fast, non-surgical treatments for cancer and other conditions in the brain, head, neck and body.

Continued on back

Other radiosurgery devices utilize circular beams to treat. As most lesions are irregular in shape, a circular dose does not completely cover the exact shape of the tumor. The Novalis radiosurgery platform precisely shapes the radiation beam to the shape of the tumor or lesion, ensuring the optimal treatment dose is delivered and protecting healthy tissue. The targeted beam adapts to your breathing and other body movements to continuously maintain safe, complete and accurate treatment. The machine's rotating arm, known as a linear accelerator, makes it possible to radiate tumors from various angles and delivers a higher dose of radiation than any other machine, providing treatment for tumors once thought to be untreatable.



(Image courtesy of BrainLab AG)



(Image courtesy of BrainLab AG)

Stereotactic radiotherapy permits the administration of the same amount of radiation (or higher) as conventional radiosurgery, but it is applied in smaller doses in a series of daily treatments (divided dose). The division of the dose favors the repair of the healthy tissue near the lesion, particularly in critical structures such as the optic canal or the brain trunk.

NEWS

The 2nd ANNUALCRSS Race for Hope to take place on Saturday, September 18, 2010. This is a USA Track and Field sanctioned and certified 5K course for runners and walkers.

Last year, our 1st Annual Race for Hope on Sunday, October 25th raised \$50,125 for patient services at St. Peter's Hospital Cancer Care Center. We had over 400 runners and walkers participate with just as many spectators. Our second year promises to be even more exciting with the addition of a post-race family fun day and concert with a goal to double our fund-raising this year to \$100,000!

Dr. Edward Scheid's appearances on WAMC's Vox Pop/Medical Monday show with Dr. Alan Chartok are available as podcasts for download at <http://www.wamc.org/prog-podcasts.html>