

**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

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**P**ain Management Options:  
**SPINAL CORD STIMULATOR**

Spinal Cord Stimulation (SCS) is an FDA approved method of pain control for the treatment of chronic pain in patients who failed physical therapy, medications, prior surgeries or blocks. SCS uses electrical impulses to relieve chronic pain in the back, arms and legs. These impulses are believed to prevent pain signals from being received by the brain. Success rate is as high as 70% in some chronic pain conditions.

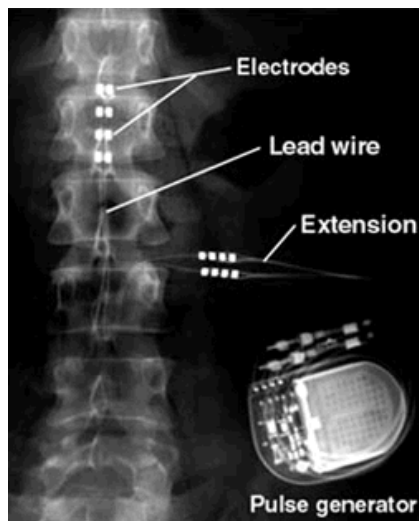
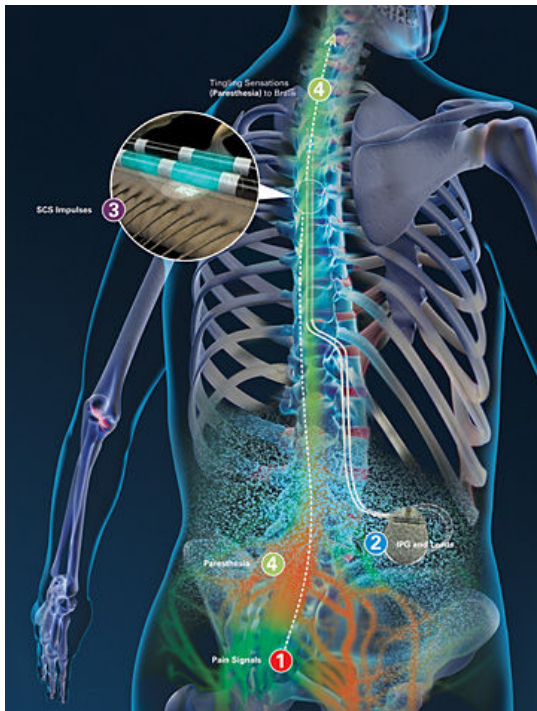


Image courtesy of Boston Scientific

“Ideal candidates for this procedure are those for whom standard spine surgery has failed and are still in pain or have been told there is nothing that can be done. Also patients who experience pain in their limbs from neuropathy,” said Louis Noce, MD, of Capital Region Neurosurgery. “Our first group of patients who underwent implantation did extremely well. Each patient had suffered from debilitating pain for years and left the office after the trial with significant reduction in pain. Some came in using canes or walkers and left walking with out assistance. It is very rewarding to be able to offer these patients relief after others have told them there was nothing that could be done.”

*We are open Monday thru Friday from 8AM to 5PM and on Saturdays for imaging procedures only.*

*We offer comprehensive, conservative treatment options for back and neck pain. Services include **pain management services** and **minimally invasive procedures**, as well as **in-house diagnostic imaging** and **McKenzie-Certified physical therapy**.*



The procedure begins with a trial implantation in which insulated wire leads are inserted through an epidural needle into the space surrounding the spinal cord, or epidural space. Electrodes at the end of the lead produce electrical pulses that stimulate nerves and block pain signals. The patient gives feedback to assist the physician in determining the optimal placement for blocking pain. The lead is connected to an external trial stimulator that is used for three to seven days. Trials are minimally invasive office procedures done under local anesthesia and are reversible, allowing patients to try it out.

If the patient and physician determine that the pain relief during the trial period is acceptable, the system can be permanently implanted. In addition to inserting permanent leads through an epidural needle into the predetermined locations, the leads are connected to an implantable pulse generator battery that is positioned beneath the skin, usually in the buttock or abdomen region. The implants electrical pulses are programmed with an external control unit. The patient can then use the control unit to turn the system on and off, adjust the stimulation power level and switch between different programs.



The Spinal Cord Stimulator is indicated as an aid in the management of chronic intractable pain of the trunk and/or limbs, including unilateral or bilateral pain associated with the following: failed back surgery syndrome, intractable low back pain and leg pain.

Images courtesy of Boston Scientific

## 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.

**Visit us at <http://tiny.cc/RaceforHopeAlbany>**

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>