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**NEW JERSEY PAINCONSULTANTS OFFERS PATIENTS FIRST
IMPLANTABLE NEUROSTIMULATION SYSTEM WITH MOTION SENSOR
TECHNOLOGY FOR THE MANAGEMENT OF CHRONIC PAIN**

*AdaptiveStim™ with RestoreSensor™ Uses Motion Sensor Technology to
Provide Patient Comfort and Convenience*

Basking Ridge, NJ – 12/07/2011 – NEW JERSEY PAIN CONSULTANTS today announced it is offering patients the new Medtronic AdaptiveStim™ with RestoreSensor™ neurostimulation system, the first and only chronic pain treatment that leverages motion sensor technology found in many consumer electronics, such as smart phones and computer gaming systems, to provide effective pain relief and convenience to patients suffering from chronic back and/or leg pain.

AdaptiveStim with RestoreSensor helps treat the symptoms of chronic back and/or leg pain by automatically recognizing and remembering the correlation between a change in body position and the level of stimulation needed. It also records and stores the frequency of posture changes, providing feedback to clinicians to help them understand how a patient's individual stimulation

requirements are changing over time. In addition, AdaptiveStim with RestoreSensor is approved for MRI head scans under specific conditions¹.

Neurostimulation systems consist of an implantable medical device similar to a pacemaker that is used with a handheld patient programmer to interrupt pain signals from reaching the brain. The treatment has become a mainstay of chronic pain management; however, a person's change in body position and physical activity can result in the wrong amount of stimulation, creating understimulation and overstimulation. As a result, patients may need to make frequent manual adjustments using a handheld patient programmer. AdaptiveStim with RestoreSensor provides a solution by recognizing and automatically adjusting stimulation as a patient continuously changes position, providing effective pain relief and convenience.

"For many patients with chronic pain, convenient is hardly a word that often comes to mind," said Richard Winne, MD, of New Jersey Pain Consultants, one of the first medical centers in the nation to offer the new therapy. "AdaptiveStim with RestoreSensor uses breakthrough technology to offer comfort and convenience to the many patients who previously had to adjust neurostimulation system settings using a patient programmer. This new offering gives these chronic pain patients an important new option to help manage their pain symptoms and enable the return to their normal activities."

At New Jersey Pain Consultants, Peter Neumann, a resident of Basking Ridge, was one of the first patients to receive the AdaptiveStim with RestoreSensor

¹ Under specific conditions of use. Refer to approved labeling.

neurostimulator. Mr. Neumann has a long history of significant low back pain with right leg radicular pain. He has undergone 2 spinal fusions, a laminectomy and several epidural injections. The decision was made to move forward with a spinal cord stimulator implantation. He had a trial performed by Dr. Richard Winne on November 22, 2011 with very favorable results. On December 7, 2011 his permanent stimulator was inserted. As of his December 13, 2011 visit he was getting excellent stimulation and was extremely pleased with the results. Mr. Neumann had been on disability related to his inability to function as a result of his pain. As a result of the implantation of the neurostimulator, Peter was able to return to work effective January 3, 2012.

An estimated 116 million American adults – more than the total affected by heart disease, cancer, and diabetes combined² – are affected by chronic pain, a debilitating and often disabling condition that can have a significant impact on day-to-day functioning.³ For some, chronic pain is so severe that it interferes with working, eating, participating in physical activity and enjoying life.

Additional information about Medtronic’s neurostimulation therapies for chronic pain, including AdaptiveStim with RestoreSensor, is available at <http://www.adaptive-stimulation.com> , by visiting <http://www.TameThePain.com> or by calling 1-888-430-PAIN (7426).

² Relieving Pain in America: A Blueprint for Transforming Prevention, Care, Education, and Research; Consensus Report, Institute of Medicine (IOM), June 2011.

³ A Reporter’s Guide: Covering Pain & its Management, American Pain Foundation, October 2008.

ABOUT NEW JERSEY PAIN CONSULTANTS

Through an interdisciplinary approach to pain management, NJPC provides comprehensive evaluation of their patients, factoring in physical, functional, emotional, and psychological needs. The medical team at New Jersey Pain Consultants consists of board-certified pain management physicians, nurse practitioners, registered nurses, x-ray technicians and medical assistants. All members work together to formulate and implement a comprehensive treatment plan to reduce pain and improve function.

IMPORTANT SAFETY INFORMATION

Indications

A Medtronic implantable neurostimulation system is indicated for spinal cord stimulation (SCS) system 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 conditions:

- Failed Back Syndrome (FBS) or low back syndrome or failed back
- Radicular pain syndrome or radiculopathies resulting in pain secondary to FBS or herniated disk
- Postlaminectomy pain
- Multiple back operations
- Unsuccessful disk surgery
- Degenerative Disk Disease (DDD)/herniated disk pain refractory to conservative and surgical interventions
- Peripheral causalgia
- Epidural fibrosis
- Arachnoiditis or lumbar adhesive arachnoiditis

- Complex Regional Pain Syndrome (CRPS), Reflex Sympathetic Dystrophy (RSD), or causalgia

Contraindications

Diathermy - Do not use shortwave diathermy, microwave or therapeutic ultrasound diathermy (all now referred to as diathermy) on patients implanted with a neurostimulation system. Energy from diathermy can be transferred through the implanted system and cause tissue damage at the locations of the implanted electrodes, resulting in severe injury or death.

Warnings

Sources of strong electromagnetic interference (eg, defibrillation, diathermy, electrocautery, MRI, RF ablation, and therapeutic ultrasound) can interact with the neurostimulation system, resulting in serious patient injury or death. These and other sources of EMI can also result in system damage, operational changes to the neurostimulator or unexpected changes in stimulation. Rupture or piercing of the neurostimulator can result in severe burns. An implanted cardiac device (eg, pacemaker, defibrillator) may damage a neurostimulator, and the electrical pulses from the neurostimulator may result in an inappropriate response of the cardiac device.

Precautions

The safety and effectiveness of this therapy has not been established for pediatric use (patients under the age of 18), pregnancy, unborn fetus, or delivery. Patients should be detoxified from narcotics prior to lead placement. Clinicians and patients should follow programming guidelines and precautions provided in product manuals. Patients should avoid activities that may put undue stress on the implanted neurostimulation system components. Patients should not scuba

dive below 10 meters of water or enter hyperbaric chambers above 2.0 atmosphere absolute (ATA). Electromagnetic interference, postural changes, and other activities may cause shocking or jolting.

Adverse Events

Adverse events may include: undesirable change in stimulation described by some patients as uncomfortable, jolting or shocking; hematoma, epidural hemorrhage, paralysis, seroma, CSF leakage, infection, erosion, allergic response, hardware malfunction or migration, pain at implant site, loss of pain relief, chest wall stimulation, and surgical risks.

For further information, please call Medtronic at 1-800-328-0810 and/or consult Medtronic's website at www.medtronic.com.

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