

# **NEWS RELEASE**

## **FOR IMMEDIATE RELEASE:**

**Contact:** Jennifer T. Kollar, Director,  
Marketing & Public Relations  
Phone: 330.629.2888 ext. 133  
Email: [jkollar@doctorspainclinic.com](mailto:jkollar@doctorspainclinic.com)



[www.doctorspainclinic.com](http://www.doctorspainclinic.com)

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## **Doctors Pain Clinic Is First In Ohio to Use New Cutting-Edge Motion Sensing Technology for Pain Management**

**[BOARDMAN, OHIO]** Doctors Pain Clinic continues its commitment of pairing first-class patient care with cutting-edge technology and is pleased to announce the use of a new AdaptiveStim™ with RestoreSensor™ neurostimulation system that treats patients with chronic back and/or leg pain.

“Doctors Pain Clinic is pleased to be the first pain management center in Ohio to introduce Medtronic’s AdaptiveStim technology,” states Dr. Tracy L. Neuendorf a board certified interventional pain management specialist and Medical Director of the Doctors Pain Clinic based in Boardman, Ohio.

The system, a Medtronic, Inc. innovation, is the first and only chronic pain treatment that harnesses motion sensor technology found in smart phones and computer gaming systems to provide effective pain relief and convenience by automatically adapting stimulation levels to affected areas.

Neurostimulation systems consist of an implantable medical device similar to a pacemaker which interrupts pain signals and prevents them from reaching the brain. The treatment has become a core treatment option for the management of chronic pain. A change in body position (e.g., sitting up or lying down) can result in an increase or decrease in the intensity of stimulation as a patient’s spinal cord moves closer or further away from the stimulation site. As a result, patients may need to make frequent manual adjustments to their stimulation levels as they move, using a handheld patient programmer.

The new AdaptiveStim with RestoreSensor device reduces the need for the patient with the implanted device to continuously manually program the intensity of stimulation when they move. The new device has technology that automatically changes stimulation intensity by 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 objective feedback to clinicians to help them understand how a patient’s individual stimulation requirements are changing over time. Additionally, AdaptiveStim with RestoreSensor is approved by the Food and Drug Administration for use in MRI head scans if recommended by a physician. Medtronic is the only company to offer neurostimulators with this approved labeling for use in MRI head scans.

**More**



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**About Doctors Pain Clinic:** ([www.doctorspainclinic.com](http://www.doctorspainclinic.com)) Based in Boardman, Ohio, Doctors Pain Clinic is a multi-disciplined and comprehensive pain management center. A team of highly skilled board certified pain management specialists provide the most advanced and cutting-edge treatment options available for the management of chronic pain in the region. Doctors Pain Clinic's pain management specialists see patients at a variety of locations in Northeast Ohio and Western Pennsylvania. In Ohio: Warren (*St. Joseph Pain Management Center*) Salem, Canton, Akron/Barberton (*Summa Barberton Hospital*) and in Western Pennsylvania: University Pittsburgh Medical Center (*UPMC*) Horizon Hospital Pain Management Centers.

**About Chronic Pain:** Chronic pain affects an estimated 116 million American adults – more than the total affected by heart disease, cancer, and diabetes combined. Chronic pain, which is defined as pain that lasts for more than three to six months, is a disabling condition, not simply a symptom of another disease or condition, and it can be either intermittent or continuous. For some, chronic pain is so severe that it interferes with working, eating, participating in physical activity and enjoying life.

**About Medtronic:** Medtronic, Inc. ([www.medtronic.com](http://www.medtronic.com)), headquartered in Minneapolis, is the global leader in medical technology – alleviating pain, restoring health, and extending life for millions of people around the world.

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