

## Precision NOVI™

### The new shape of pain relief

Chronic pain is a widespread problem. One in five adults in Europe<sup>1</sup> - or 75 million people aged between 15 and 64 years of age<sup>1</sup> - is affected by chronic pain. Chronic pain is defined as continuous, long-term pain that has lasted for more than six months, or that continues after the time that healing would have been thought to have occurred.<sup>2</sup>

Chronic pain can make people undertake much less physical and social activity, as their pain can make them tired, depressed and anxious. The Painful Truth report found that more than a third of people with chronic pain struggle with routine daily tasks affecting their work and personal lives, their relationships and the ability to care for their children.<sup>3</sup>

However, there are treatment options available which can help people manage the pain and get more involved in social and physical activities again. One of these is Spinal Cord Stimulation (SCS).

### **Spinal Cord Stimulation (SCS)**

Spinal cord stimulation (SCS) is a minimally invasive option for people with chronic pain that has not been relieved by conventional medicines or other treatment options. SCS, sometimes known as neuromodulation, is a reversible way of managing chronic pain which has been used safely and effectively for almost 40 years, with around 14,000 patients receiving SCS implants per year.<sup>4</sup>

SCS involves implanting a small battery powered device and thin wire (known as a lead), under the skin, usually in the abdomen, upper buttocks or in the area of the collar bone to target the specific areas of pain. The device which is connected to the lead delivers stimulation waves to the brain, alleviating pain. SCS can be used to treat people with neuropathic pain, including chronic back pain.

### **Precision NOVI™ – smaller, thinner, easier to implant<sup>5</sup>**

Precision NOVI is a new type of SCS implant available in Europe. It is the smallest, thinnest, most contoured<sup>5</sup> Primary Cell (PC = a single use non-rechargeable battery) SCS device on the market, making it easier to implant for the physician and more comfortable for the patient, enabling patients to experience a significant and sustained reduction in their chronic pain.

Chronic pain can be as difficult to pinpoint as it is to treat, while many people find that their pain patterns shift over time. Precision Novi is an effective SCS device, designed to deliver stimulation waves that accurately target and alleviate pain, as well as adapt to people's pain patterns over time.

Specifically designed by Boston Scientific to manage chronic pain and with the same quality and innovative technology found in Boston Scientific's other available neuromodulation devices, Precision Novi is powered by an intuitive control system that enables precise and flexible pain treatment.

## **Boston Scientific**

Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader for more than 30 years, we advance science for life by providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of healthcare. For more information, visit us at <http://www.bostonscientific.com/en-EU/home.html>

For more information about SCS, chronic pain or Precision™ NOVI visit:  
<http://www.bostonscientific.com/en-EU/news/newsroom-uk/chronic-pain.html>

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#### References

<sup>1</sup> Breivik H et al. Survey of chronic pain in Europe: prevalence, impact on daily life, and treatment. *Eur J Pain* 2006;10:287–333

<sup>2</sup> Hornberger et al. Rechargeable Spinal Cord Stimulation Versus Nonrechargeable System for Patients With Failed Back Surgery Syndrome: A Cost-Consequences Analysis *Clin J Pain* 2008;24:244-252

<sup>3</sup> Painful Truth report

<sup>4</sup> International Neuromodulation Society. <http://www.neuromodulation.com/spinal-cord-stimulation> Last accessed May 2015

<sup>5</sup> Precision Novi Information for Prescribers (2015) 90962628-02 Rev B  
Medtronic Prime Advanced Implant Manual (2006)  
St. Jude Eon C Sell Sheet (2009)

CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Information for the use only in countries with applicable health authority product registrations.