

**Boston
Scientific**
Advancing science for life™

DISCOVER THE POWER OF PERSONALISED PAIN RELIEF

Spinal Cord Stimulation
from Boston Scientific



Chronic pain can affect you in profoundly personal ways.


Work. Hobbies. Relationships. Chronic pain can take a toll on every aspect of your life. It can steal so much of what makes you ***you***.

On top of that, the treatments you have tried may not have provided the deep, lasting relief you need to get back to being yourself again.

At Boston Scientific, we offer something different.

In fact, it's different for every patient. It's clinically proven² pain management therapy called Spinal Cord Stimulation that can be personalised to treat your unique pain.



A woman with short brown hair, wearing a blue long-sleeved shirt and a black and white striped apron, is smiling warmly at the camera while cooking in a kitchen. She is standing behind a counter with various ingredients and dishes. In the foreground, there are red tomatoes and a white bowl. To her right, there is a green bowl with orange floral patterns and a white bowl. The background shows a tiled wall with a diamond pattern and a doorway leading to another room. A white geometric shape is overlaid on the left side of the image.

**"My kids have just
been so excited to
see mom get back
into life again."**

-KAREN M.

Boston Scientific offers you personalised pain relief and support.

Our Spinal Cord Stimulation (SCS) is:

- **Drug-free**
- **Clinically proven² to provide long-term relief from chronic pain**

Boston Scientific's WaveWriter Alpha™ Spinal Cord Stimulator (SCS) system goes beyond other therapy options to provide personalised pain management for your unique pain. With our dedicated patient care and support specialists, we'll help you find a therapy option that best fits your needs while delivering long-lasting relief.

SCS works by targeting your pain signals.

You feel pain when nerves send pain signals through your spinal cord to your brain.

SCS is designed to interrupt these signals to reduce - or even stop - the pain you are feeling.



Stimulator

A small device called a stimulator is implanted under the skin.



Leads

Thin, flexible "leads" are connected to the stimulator and placed near specific nerves along the spinal cord.



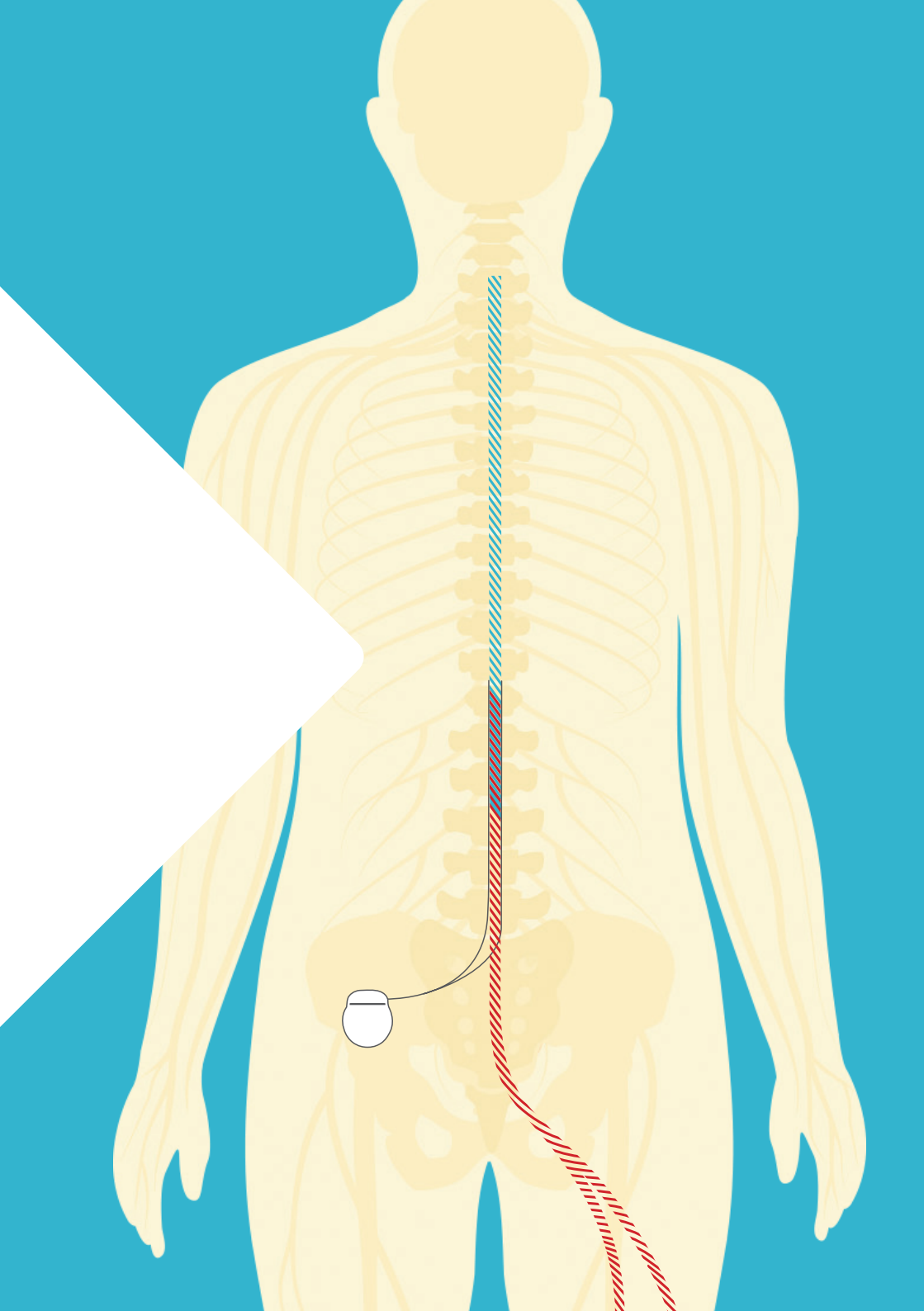
Pulses


The stimulator sends mild pulses through the leads to the nerves.



Pain

The pulses interrupt the pain signals before they reach the brain.





"I really feel that my pain relief has been personalised to me just because of the different settings that I have with my stimulator."

—GREGORY G.

Personalised therapy aims to give you greater relief.

There are different kinds of SCS therapies.

Some therapies replace your pain with a tingling sensation. Others use a type of stimulation you don't feel at all.

With Boston Scientific, your doctor can choose the therapy that works best for you—or use both at the same time.

The ability to deliver multiple therapies simultaneously* is available to Boston Scientific SCS systems and has been clinically proven to provide greater pain relief.¹

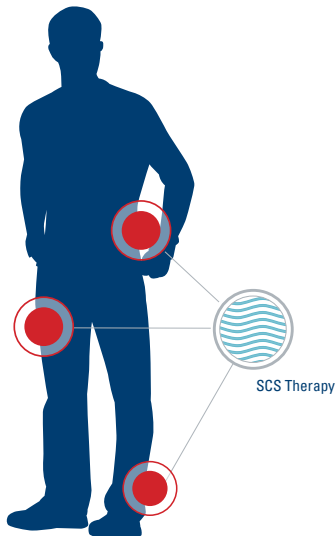
In a major clinical study, patients using Boston Scientific's SCS therapies reported a greater improvement in their ability to do everyday activities[†] than patients in other studies using non-Boston Scientific SCS systems.^{2,3,4}

*Paresthesia-free stimulation has been demonstrated to be safe and effective in patients who have been treated successfully with conventional, paresthesia-inducing stimulation for at least six months.

[†]As measured by the Oswestry Disability Index at 3 months post implant.

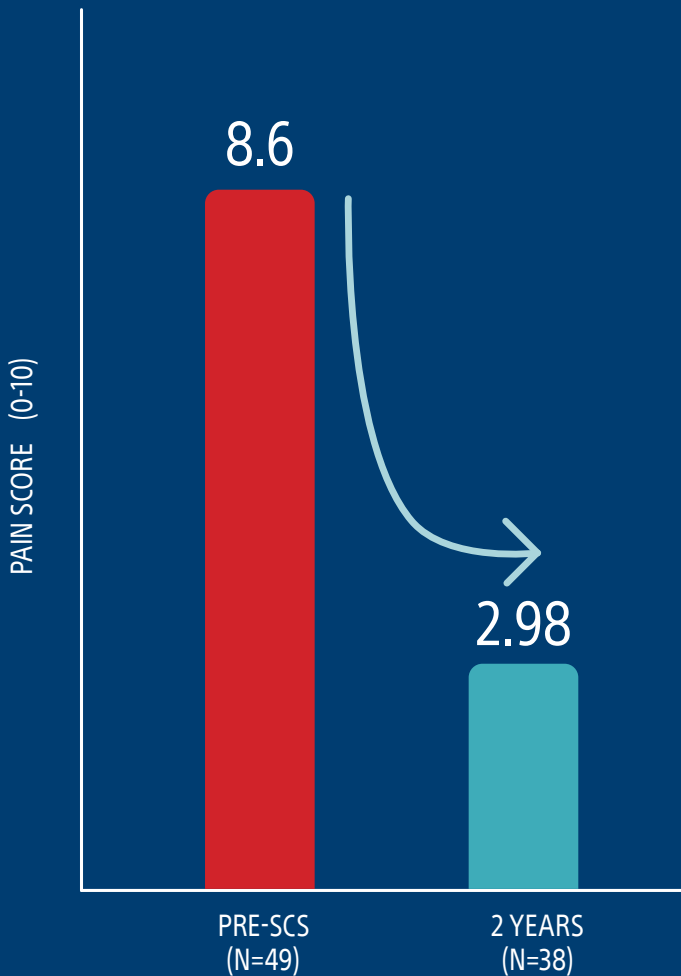
SCS is designed to provide you with long-term relief.


Pain isn't static. It can change over time, and so can our SCS therapy. Our SCS systems' therapy options are designed to allow you to find long-term relief—even if your pain changes location. In fact, with the WaveWriter Alpha™ SCS system, you can target pain in multiple areas of the body at the same time.



Significant Long-Term Relief

In a major clinical study, patients with severe low-back pain (8 or above on a 0-10 scale) reported a nearly 6-point drop in pain score at two years.⁶





**"After the second
day of my trial,
we stopped and
scheduled the implant."**

-MARY M.

You can test drive SCS first to see if it's right for you.

Before committing to SCS therapy, you get to evaluate it first with a temporary trial system.

The Trial Process

- 1 Your doctor places the leads with a simple procedure similar to an epidural injection.
- 2 The leads are connected to an external trial stimulator that's usually worn on your waist.
- 3 For about the next 3-7 days, you can test drive the benefits of SCS.



90% SUCCESS

Successful Trials

More than 90% of Boston Scientific SCS trial participants reported a successful experience and opted to get the permanent implant.⁵




After a successful trial, you can move on to the implant.

During the implant procedure, the stimulator is placed under your skin, usually in your lower back or buttock area.

The procedure is reversible and much less invasive than traditional back surgeries.

Generally, patients experience significant results and only minor discomfort after the implant procedure. Your doctor and dedicated Boston Scientific Clinical Specialist will then work closely together to program the system, targeting your pain with the therapy that works best for you.⁶



"The pain in my left foot is much worse than my right. [With my] Boston Scientific stimulator...I can have more stimulation in my left foot."

-NEIL D.

You take control of your relief.

Your SCS System includes a wireless remote control that lets you easily adjust your therapy.

Your doctor and your Boston Scientific Clinical Specialist will show you how to use it.

You'll be able to turn therapies on and off, increase and decrease the level of stimulation, and target different pain areas using settings or programs customised by your doctor specifically for you.



Patient Satisfaction

92% of Boston Scientific SCS Patients were satisfied with their therapy.⁵

Frequently Asked Questions



Is SCS a cure?

SCS is not a cure, but rather a long-term pain management solution that may allow you to cut back on medication and resume some of the activities you used to enjoy.



Can I get an MRI with a stimulator?

Yes, the Boston Scientific WaveWriter Alpha™ SCS System allows for full-body MRIs and a range of other imaging procedures, including x-rays, CT scans, PET scans, and ultrasounds. Always consult with your doctor before undergoing any scans.



Is the procedure reversible?

Yes. Both the trial system and the implant are reversible.



Will I need to recharge my stimulator?

The WaveWriter Alpha SCS System is available with either a rechargeable or non-rechargeable stimulator.

Your doctor will help you choose the best option for you. If you have a rechargeable stimulator, you decide on a recharging schedule that best fits your needs. Charging the device is a simple process. You can do it while reading, watching TV, or even walking around the block.



Learn more about pain treatment options from Boston Scientific at [RelieveMyPain.com.au](https://www.RelieveMyPain.com.au) and make an appointment to talk to your doctor.

The patient quotes in this brochure describe real personal experiences. Individual results may vary. Patients can experience different levels of pain management and different changes in their activities and use of medications. Consult with your doctor to determine if you are a candidate for SCS therapy and what you may gain from the therapy.

References:

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5. Thomson, S. J., Kruglov, D. and Duarte, R. V. (2017), A Spinal Cord Stimulation Service Review From a Single Centre Using a Single Manufacturer Over a 7.5 Year Follow-Up Period. *Neuromodulation: Technology at the Neural Interface*, 20: 589-599. doi:10.1111/ner.12587. (N=321)
6. Veizi, Elias, et al. Spinal Cord Stimulation (SCS) with Anatomically Guided (3D) Neural Targeting Shows Superior Chronic Axial Low Back Pain Relief Compared to Traditional SCS --LUMINA Study, *Pain Medicine*, Volume 18, Issue 8, 1 August 2017, Pages 1534-1548. (N=426)

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The WaveWriter Alpha System is not a first-line treatment for chronic intractable pain. Surgery is required in order to use the WaveWriter Alpha System and any surgical procedure carries risk. Outcomes may vary for each patient. Patients should consult their healthcare professional about factors that could impact their response.

THIS PRODUCT IS NOT AVAILABLE FOR PURCHASE BY THE GENERAL PUBLIC.

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NM-1070614-AD NOV 2024