

SPINAL CORD STIMULATOR

What is a spinal cord stimulator?

Spinal cord stimulation is a permanent treatment for chronic back, leg, and/or arm pain that can be an effective alternative or supplemental treatment to other therapies that have failed to manage pain.

An implantable spinal cord stimulator delivers small electric impulses through leads implanted in the epidural space. Pain signals are suppressed before they reach the brain.

What to expect:

One or more insulated wire leads are inserted through an epidural needle in the space surrounding the spinal cord- the epidural space.

Electrodes at the end of the lead transmit impulses that stimulate the nerves, blocking or reducing pain signals. Leads in the stimulator are connected to a battery. The implant's electrical pulses are programmed with an external wireless programmer which can turn the system on or off, adjust the strength of (continued)



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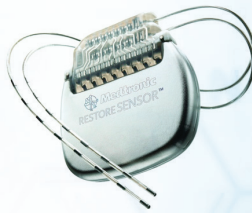
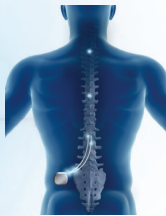
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What to expect (continued):

stimulation and switch between different treatment programs.

Published studies have shown that when used by patients with chronic pain, spinal cord stimulation may offer the following benefits:

- ◆ Long term pain relief
- ◆ Improved quality of life
- ◆ Reduced cost compared to medical management and repeat surgery



Ask Your Synergy Team

If you have questions regarding this or any other treatment option, just ask! Synergy brings together the best from multiple disciplines to provide a variety of treatment options. You have a team of specialists, focusing on your unique condition, and working together to develop the best possible solution.

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