Medtronic Neurostimulation Therapy

Medtronic neurostimulation therapy, also known as spinal cord stimulation, is a proven safe and effective therapeutic approach for managing chronic pain of the back and legs, in which an implantable medical device similar to a pacemaker is used to interrupt pain signals from reaching the brain.

How does neurostimulation therapy work?

Medtronic neurostimulation therapy uses a medical device similar to a pacemaker, which is placed under the skin to deliver mild electrical impulses to the brain before pain signals arrive. Instead of pain, patients feel a tingling sensation from the neurostimulation in areas where the pain is felt.

What are the potential benefits?

Medtronic neurostimulation therapy, which is approved by the U.S. Food and Drug Administration (FDA), has helped many people manage their chronic pain and enhance their lives. Some people have been able to reduce or even eliminate the use of pain medications. Overall benefits may include:

- Significant and sustained reduction in back and leg pain\(^1-3\)
- Improved ability to function and participate in activities of daily living\(^1\)
- Less oral pain medications\(^4\)
- Reversible and nondestructive, since the therapy can be turned off or surgically removed
- Ability to adjust the therapy based on pain level
- With improvements in a person’s pain, the potential ability to participate in other forms of therapy to better help manage the pain
- Only Medtronic offers pain neurostimulation systems* that are FDA approved for MRI head scans**.
  * Excludes Itrel® 3
  **Under specific conditions of use. Talk to your doctor.

What conditions are treated with neurostimulation therapy?

More than 250,000 people worldwide have received Medtronic neurostimulation therapy to manage chronic, intractable pain of the back and/or legs, 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
• Post-laminectomy 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

Is neurostimulation therapy right for me?

The treatment option that will work best for you depends on your type of pain, how severe it is, and how you respond to pain treatment.

It might be right for you if:

• Other treatment options have failed to adequately provide pain relief
• Your doctor understands what is causing your chronic pain
• Further traditional surgeries are not recommended
• You don’t have a serious, untreated dependence on pain medication
• You have passed a psychological evaluation
• You don’t have medical issues that would make surgery difficult
• You have had a successful neurostimulation screening test

To learn more about Medtronic neurostimulation therapy, contact us at 574-251-0498 or toll free at 877-614-PAIN or visit www.tamethepain.com.

References