

PAIN RELIEF IS POSSIBLE

NEW ADVANCEMENTS
IN NEUROSTIMULATION
THERAPY CAN TAILOR
RELIEF TO YOU.

ST. JUDE MEDICAL IS NOW ABBOTT.



ST. JUDE MEDICAL™

IT'S TIME FOR SOMETHING BETTER

If you or a loved one has been living with chronic pain, it may be time to talk to your doctor about the latest advancements in neurostimulation therapy: **Dorsal Root Ganglion (DRG) stimulation and BurstDR™ stimulation* from Abbott.****

A SAFE, TRUSTED THERAPY

Neurostimulation therapy has been recommended by doctors for over 40 years to help people manage chronic pain and improve their quality of life.⁵

Neurostimulation therapy may be an option for you if your pain:

- Has lasted at least six months
- Is described as burning, tingling or numbness
- Has not been fully relieved by other treatments, such as surgery, medications or physical therapy

IMPROVED AND TAILORED TO YOU

Thanks to advancements in neurostimulation technology, doctors can now recommend a therapy designed to treat your specific type of pain, greatly increasing the chances of relief.

DRG STIMULATION is an option for patients whose pain is concentrated in specific areas, such as the foot, knee, hip, or groin. DRG stimulation has the unique ability to directly target the area where the pain occurs.

BURSTDR™ STIMULATION is best for patients whose pain is more broadly spread in the trunk and/or limbs. Studies show that BurstDR stimulation may improve the ability to perform everyday activities and possibly even relieving the emotional suffering[†] that pain can cause.²⁻⁴

DRG STIMULATION

FOOT
KNEE
GROIN
HIP

BURSTDR™ STIMULATION

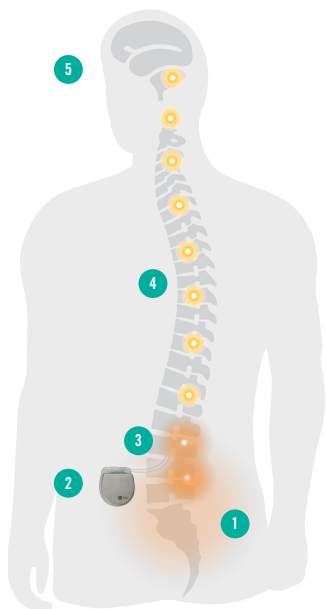
TRUNK
AND/OR
LIMBS



[†] Pain and suffering as measured by VAS.

HOW NEUROSTIMULATION THERAPY WORKS

When you feel chronic pain, it is because your nerves are sending pain signals to your brain. Neurostimulation therapy works to reduce pain by altering the pain signals as they travel to the brain.



- 1 Pain signals travel up the spinal column to the brain.
- 2 A generator, similar to a cardiac pacemaker, sends stimulation pulses to a thin wire called a lead.
- 3 The lead delivers these pulses to nerves along the spinal column.
- 4 The pulses modify the pain signals as they travel to different parts of the brain.
- 5 The pulses change the way your body perceives the pain—providing potential relief.

TWO ADVANCEMENTS— PROVEN SUPERIOR

Only Abbott offers two superior neurostimulation therapies for chronic pain. DRG stimulation and BurstDR™ stimulation have been clinically proven to provide better outcomes than traditional neurostimulation therapy as demonstrated in clinical trials.¹⁻⁴

DRG STIMULATION HAS BEEN PROVEN TO:

- Provide more than 80% pain relief to nearly 7 out of 10* patients with DRG therapy at three months¹
- Provide pain relief to more than 8 out of 10 patients at twelve months¹
- Reduce pain on average of 81.4% at 12 months¹
- Deliver targeted pain relief¹

BURSTDR STIMULATION HAS BEEN PROVEN TO:

- Provide superior relief from the pain and suffering[†] associated with the pain²⁻⁴
- Reduce or eliminate the tingling sensation felt with traditional neurostimulation²⁻⁴
- Improve patients' ability to perform everyday activities^{‡2-4}

POTENTIAL RISKS AND COMPLICATIONS

The placement of the leads is a surgical procedure that exposes you to certain risks. Complications such as infection, swelling, bruising and possibly the loss of strength or use in an affected limb or muscle group (i.e. paralysis) are possible. Be sure to talk to your doctor about the risks associated with the placement of a neurostimulation system.

*69.5% of patients experience more than 80% pain relief.

† Pain and suffering as measured by VAS.

FIND OUT WHAT'S POSSIBLE FOR YOU

To request more about neurostimulation therapy for chronic pain, please complete this card and return postage-free. Or visit our patient website PowerOverYourPain.com to submit your request online.

name

address

city

state | zip

phone

email

CONTACT ME. Please have a member of the Abbott clinical team contact me with additional information.

RECEIPT OF FUTURE UPDATES. I would like to receive future updates about neurostimulation therapy.

*BurstDR™ stimulation, patented technology exclusively from St. Jude Medical,™ is also referred to as Burst stimulation in clinical literature.

**St. Jude Medical is now Abbott.

†Pain and suffering as measured by VAS.

‡Based on PGIC scores of moderately better improvement or higher.

1. ACCURATE IDE STUDY St. Jude Medical. Deer, T., Levy, R. (2017). Dorsal root ganglion stimulation yielded higher treatment success rate for complex regional pain syndrome and causalgia at 3 and 12 months: a randomized comparative trial. *Pain*, 158(4), 669-681. (n = 152).
2. SUNBURST IDE Study. St. Jude Medical™ Proclaim™ Neurostimulation System Clinician's Manual. Plano, TX. 2016.
3. SUNBURST IDE Study. St. Jude Medical™ Prodigy™ Neurostimulation System Programming and Reference Manual. Plano, TX. 2016.
4. De Ridder, D., Vanneste, S., (2015). Mimicking the Brain: Evaluation of St. Jude Medical's Prodigy Chronic Pain System with Burst Technology. *Expert Review of Medical Devices*, 12(2), 143-150.
5. Kennedy, J., Roll, J.(2014). Prevalence of Persistent Pain in the U.S. Adult Population: New Data From the 2010 National Health Interview Survey. *The Journal of Pain*, 15(10), 979-984.

Rx Only

Brief Summary: Prior to using these devices, please review the User's Manual for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

DRG Stimulation

Indications for Use: Spinal column stimulation via epidural and intra-spinal lead access to the dorsal root ganglion as an aid in the management of moderate to severe chronic intractable* pain of the lower limbs in adult patients with Complex Regional Pain Syndrome (CRPS) types I and II.**

*Study subjects from the ACCURATE clinical study had failed to achieve adequate pain relief from at least two prior pharmacologic treatments from at least two different drug classes and continued their pharmacologic therapy during the clinical study.

**Please note that in 1994, a consensus group of pain medicine experts gathered by the International Association for the Study of Pain (IASP) reviewed diagnostic criteria and agreed to rename reflex sympathetic dystrophy (RSD) and causalgia, as complex regional pain syndrome (CRPS) types I and II, respectively.

Contraindications: Patients who are unable to operate the system, who are poor surgical risks, or who have failed to receive effective pain relief during trial stimulation. **Warnings/Precautions:** Diathermy therapy, implanted cardiac systems or other active implantable devices, magnetic resonance imaging (MRI), computed tomography (CT), electrosurgery devices, ultrasonic scanning equipment, therapeutic radiation, explosive or flammable gases, theft detectors and metal screening devices, lead movement, operation of machinery and equipment, pediatric use, pregnancy, and case damage. **Adverse Events:** Painful stimulation, loss of pain relief, surgical risks (e.g., paralysis). Implant Manual must be reviewed for detailed disclosure. Refer to the User's Manual for detailed indications, contraindications, warnings, precautions and potential adverse events.

Spinal Cord Stimulation

Indications for Use: Spinal cord stimulation as an aid in the management of chronic, intractable pain of the trunk and/or limbs, including unilateral or bilateral pain associated with the following: failed back surgery syndrome and intractable low back and leg pain. **Contraindications:** Patients who are unable to operate the system or who are poor surgical risks, with multiple illnesses, or with active general infections should not be implanted. **Warnings/Precautions:** Diathermy therapy, implanted cardiac systems, magnetic resonance imaging (MRI), explosive or flammable gases, theft detectors and metal screening devices, lead movement, operation of machinery and equipment, postural changes, pediatric use, pregnancy, and case damage. **Adverse Effects:** Painful stimulation, loss of pain relief, surgical risks (e.g., paralysis). User's guide must be reviewed for detailed disclosure.

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