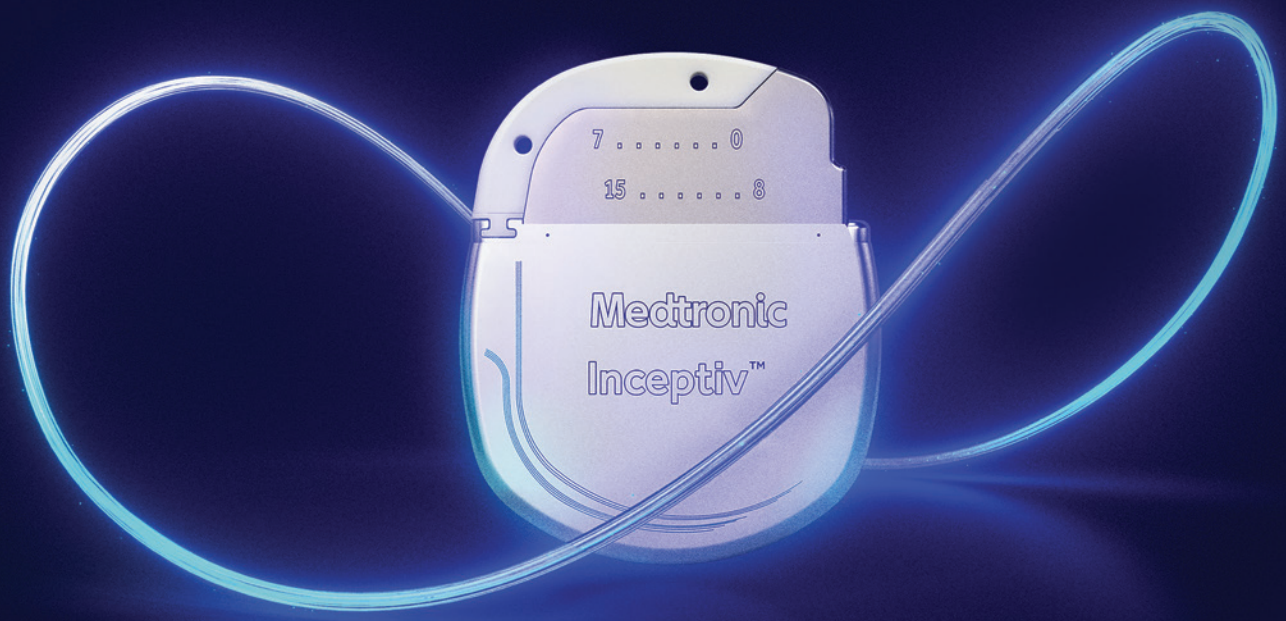
Medtronic

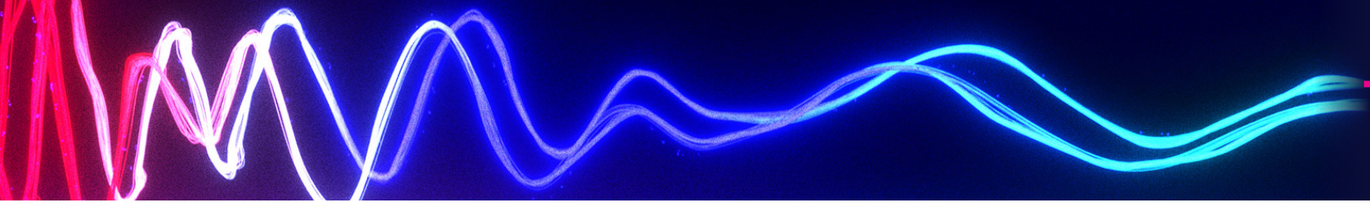
Inceptiv™ spinal cord stimulator

The most advanced SCS system with closed-loop technology



Pain relief in tune with life

TIME BEST INVENTIONS 2024 SPECIAL MENTION

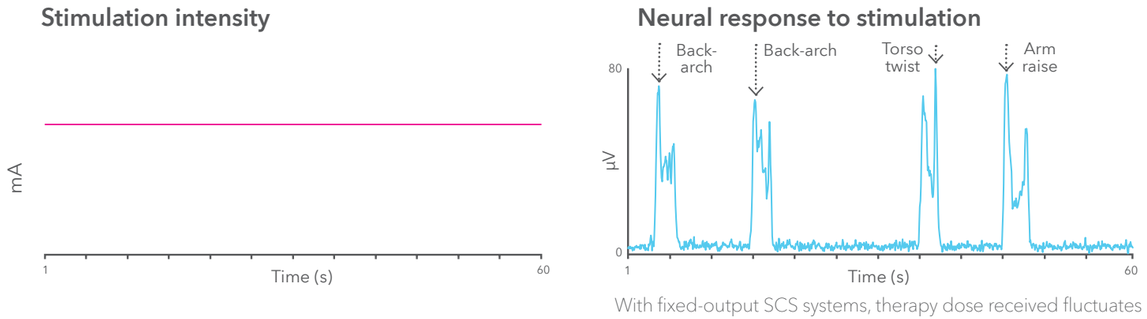


Transforming SCS therapy through sensing

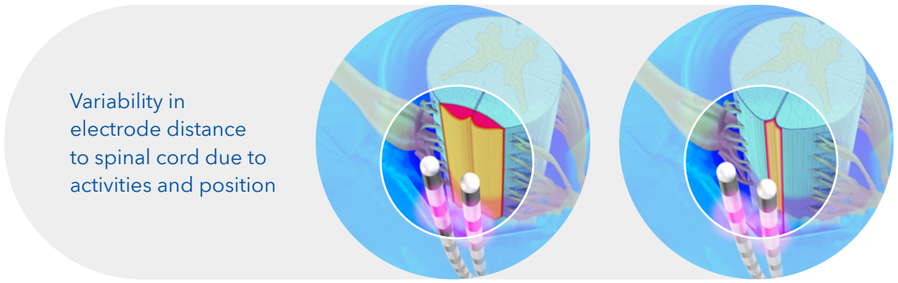
Need for consistent therapy

Fixed-output systems do not account for shifts in lead-to-spinal cord distance, which can compromise patient experience.

Fixed-output SCS systems deliver manually preset stimulation, which may result in inconsistent therapy dose.[1]



With fixed-output SCS systems, therapy dose received fluctuates

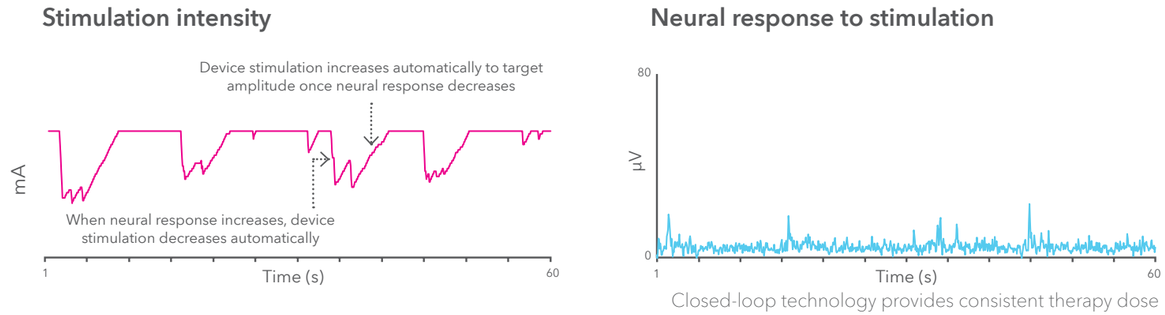


Patients need to make adjustments to deliver optimal therapy, regardless of waveform.
Inconsistent dosing can lead to variable therapy experience.

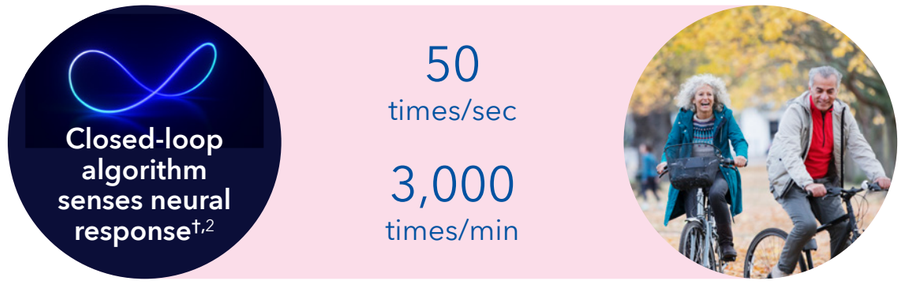
Inceptiv™ SCS system senses† and responds

The solution is closed-loop with sensing technology.

Medtronic closed-loop senses† neural response and automatically adjusts stimulation to maintain consistent therapy during all patient activities.



Closed-loop technology provides consistent therapy dose



† Sensing signals may not be measurable in all cases.

SCS therapy now adjusted moment-to-moment

Inceptiv™ closed-loop can be programmed **based on patient preference** with either:

Tonic Stimulation

OR

Modern Waveforms

including DTM™ SCS

Your Inceptiv™ SCS patients can now enjoy greater freedom

Automatic. Responsive. Seamless.
More consistent therapy, more time for life.

9 out of 10

patients preferred using the Inceptiv™ closed-loop algorithm over fixed-output stimulation.[1]

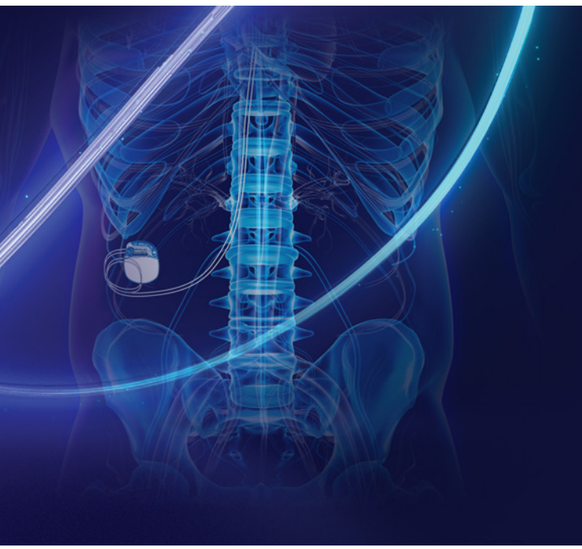
Automatic:
does not depend on adjustments from the patient to maintain stimulation

Responsive:
instantly adjusts therapy delivery in real time

Seamless:
provides consistent therapy while patients perform a full range of daily activities

Best full-body 1.5T and 3T MRI access†

with impedance independence



98% of patients are expected to need an MRI within 10 years post implant[3]

95% access to MRI scanners[4] (1.5T & 3T vs. 68% 1.5T only)†

100% access compared to **57%** for Abbott, Boston Scientific, and Nevro patients due to high electrode impedance at 5 years[†,‡,5,6]

The Inceptiv™ system offers the most access to life-changing diagnostic imaging

Know the Medtronic difference

	Medtronic[†,6]	Biotronik[7]	Boston Scientific[8,9]	Saluda[10]	Nevro[11,12]	Abbott[13]
Impedance independence	✓	✗	✗	✗	✗	✗
Able to scan fully discharged device	✓	✗	✗	✗	✗	✗
1.5T full body normal operating mode **with every lead in the portfolio**	✓	✓	✗	✗	✗	✗
3T full body	✓	✓	✗	✗	✗	✗
Able to scan patient in prone position e.g., breast MR	✓	✓	✓	✓	✓	✗

✓ Proceed with full-body MRI scan ✗ Does not meet criteria

MR † Under specific conditions. Refer to product labeling for full list of conditions.
‡ Assuming all other MRI conditions have been met.

Inceptiv™ SCS system

The most advanced SCS system with closed-loop technology

Automatic closed-loop
senses† and responds to deliver consistent therapy

Best full-body 1.5T and 3T MRI access‡
with impedance independence

Smallest and thinnest
Designed for comfort

Inceptiv™ continues to offer

Proprietary DTM™ SCS therapy
Proprietary battery technology with consistent charge time and recharge intervals over time.§

MR † Sensing signals may not be measurable in all cases.
‡ Under specific conditions. Refer to product labeling for full list of conditions.
§ For more information on our industry-leading 9-year INS limited warranty, contact rs.rtgwarranty@medtronic.com.

Pain relief in tune with life

Request to have a Medtronic representative contact you

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Visit medtronic.com/inceptiv

References

1. ECHO MAC Final Clinical Study Report V1.0 2021-08-18.
2. Vallejo R, Chakravarthy K, Will A, Trutnau K, Dinsmoor D. A new direction for closed-loop spinal cord stimulation: combining contemporary therapy paradigms with evoked compound action potential sensing. *J Pain Res.* 2021;14:3909-3918. doi: 10.2147/JPR.S344568.
3. Desai MJ, Hargens LM, Breitenfeldt MD, et al. The rate of magnetic resonance imaging in patients with spinal cord stimulation. *Spine*. 2015;40(9):E531-E537.
4. Diagnostic Imaging Equipment Servicing. Market Insights. United States: Clarivate; 2022. Report No. 47031054.
5. Mullins CF, Harris S, Pang D. A retrospective review of elevated lead impedances in impedance-dependent magnetic resonance-conditional spinal cord stimulation devices. *Pain Pract*. 2023;00:1–8. https://doi.org/10.1111/papr.13301
6. MRI Guidelines for Medtronic Neurostimulation Systems for Chronic Pain, http://manuals.medtronic.com. February 2021.
7. Prospera Spinal Cord Stimulation System ProMRI MRI Guidelines Technical Manual. 461825, Revision D (2023-04-03).
8. ImageReady™ MRI Full Body Guidelines for Precision™ Montage™ MRI Spinal Cord Stimulator System. 2017 Boston Scientific Corporation. 91075353-04 Rev A 2017-09.
9. Boston ImageReady™ MRI Full Body Guidelines for WaveWriter Alpha™ and WaveWriter Alpha™ Prime Systems 92395569-01
10. Saluda Evoke® SCS System MRI Guidelines For US. D102263 Rev 5.00. 25 Sep 2023.
11. 1.5 Tesla and 3 Tesla Magnetic Resonance Imaging (MRI) Guidelines for the SENZA® Neuromodulation Systems. 11096 Rev M.
12. 1.5 Tesla and 3 Tesla Magnetic Resonance Imaging (MRI) Guidelines for Senza® HFX iQ™ System. 10001162 Rev B.
13. MRI Procedure Information Abbott Medical MR Conditional Spinal Cord Stimulation Systems Dorsal Root Ganglion Neurostimulation Systems | Abbott. ARTEN600132616 A. 2022-12.

SPINAL CORD STIMULATION BRIEF SUMMARY

INDICATIONS Spinal cord stimulation (SCS) is indicated as an aid in the management of chronic, intractable pain of the trunk and/or limbs-including unilateral or bilateral pain. **CONTRAINDICATIONS** Diathermy - Energy from diathermy can be transferred through the implanted system and cause tissue damage resulting in severe injury or death. **WARNINGS** Sources of electromagnetic interference (e.g., defibrillation, electrocautery, MRI, RF ablation, and therapeutic ultrasound) can interact with the system, resulting in unexpected changes in stimulation, serious patient injury or death. An implanted cardiac device (e.g., pacemaker, defibrillator) may damage a neurostimulator, and electrical pulses from the neurostimulator may cause inappropriate response of the cardiac device. Patients with diabetes may have more frequent and severe complications with surgery. A preoperative assessment is advised for some patients with diabetes to confirm they are appropriate candidates for surgery. **PRECAUTIONS** Safety and effectiveness has not been established for pediatric use, pregnancy, unborn fetus, or delivery. Avoid activities that put stress on the implanted neurostimulation system components. Recharging a rechargeable neurostimulator may result in skin irritation or redness near the implant site. **ADVERSE EVENTS** May include: undesirable change in stimulation (uncomfortable, jolting or shocking); hematoma, epidural hemorrhage, paralysis, seroma, infection, erosion, device malfunction or migration, pain at implant site, loss of pain relief, and other surgical risks. Adverse events may result in fluctuations in blood glucose in patients with diabetes. Refer to www.medtronic.com for product manuals for complete indications, contraindications, warnings, precautions and potential adverse events. Rx only. Rev 0422

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05/2025 - US-NEU-2500596 v1 - [WF#17498823]