How do your decisions today impact optimal patient care down the road?

>91%
of MRI scans prescribed by non-pain physicians[11]

~6 million
annual scans performed emergently[11]

1 in 8
women will develop breast cancer[12]

No impedance restrictions or charged device requirement for Medtronic SCS systems

No restrictions on prone position for breast scans with Medtronic SCS systems

Access changes everything. Discover how Medtronic SCS systems deliver unimpeded MRI access.†

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† MRI Under specific conditions. Refer to product labeling for full list of conditions: https://manuals.medtronic.com/manuals/mri/region

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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Know what's behind the MRI label

Peel back the layers of MRI labeling.

Not all SCS devices offer the same MRI access. Full-body MRI access is dependent on a number of variables. **Inability to meet just one of these variables can restrict a patient's access to this important scan.**

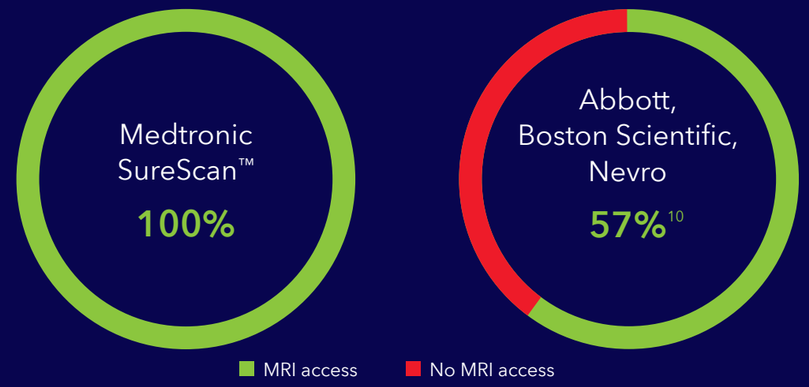
In the end, certain SCS devices may not be as compatible as you think.

98%
of SCS patients are expected to need at least 1 MRI within 10 years of implant (84% at 5 years).[1]

The industry leader for MRI access

An independent study found that, at 5 years, **43% of Abbott, Boston Scientific, and Nevro patients lost their ability to undergo a scan** due to high electrode impedance.[10]

MRI access 5-year follow-up



Only Medtronic SCS systems offer unimpeded MRI access.†

	Medtronic[2†]	Biotronik[3]	Boston Scientific[4]	Saluda[5]	Nevro[6,7]	Abbott[8,9]
Able to scan high impedance or fractured lead	✓	✕	✕	✕	✕	✕
Able to scan fully discharged device	✓	✕	✕	✕	✕	✕
3T full-body	✓‡	✓	✕	✕	✕	✕
1.5T full-body normal operating mode **with every lead in the portfolio**	✓	✓	✕	✕	✕	✕
Able to scan patient in prone position e.g., breast MR	✓	✓	✓	✓	✓	✕
Recharge-free device options	✓	✕	✓	✕	✕	✓

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

MR †Under specific conditions. To be considered full-body MR conditional, leads must be connected directly into the INS. Refer to product labeling for full list of conditions.

‡Inceptiv™ system is 3T full body eligible. 95% access to MRI scanners with Inceptiv™ (1.5T & 3T vs 68% 1.5T only).

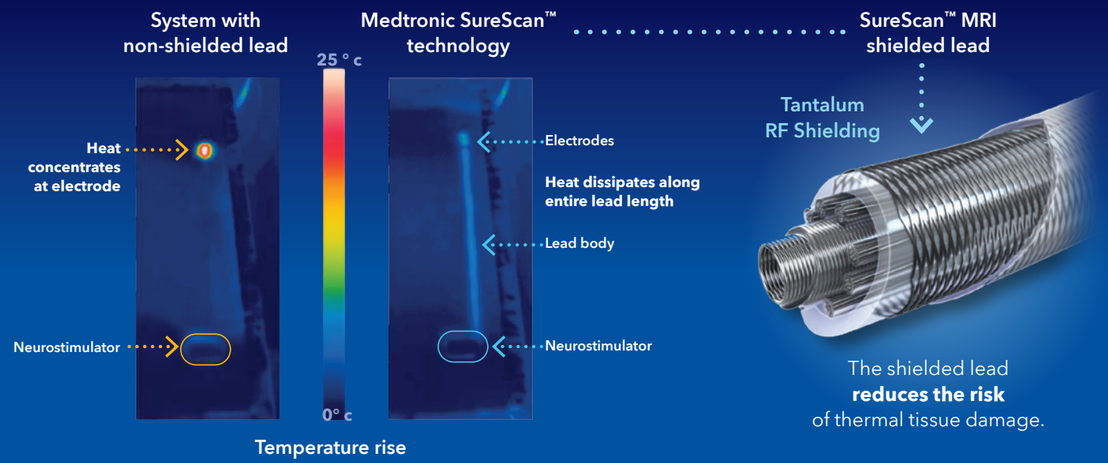
All the answers assume that other eligibility requirements have been met.

Purposeful engineering for MRI

Only Medtronic has tantalum lead shielding that dissipates RF energy and allows out-of-range electrode impedances to be scanned safely.

✓ **Medtronic**

- ✕ Abbott
- ✕ Biotronik
- ✕ Boston Scientific
- ✕ Nevro
- ✕ Saluda



The shielded lead **reduces the risk** of thermal tissue damage.