Medtronic

Engineering the extraordinary

Medtronic Pain Therapies

Your advantage over pain

Driven to provide the best pain relief

Get the Vanta™ advantage

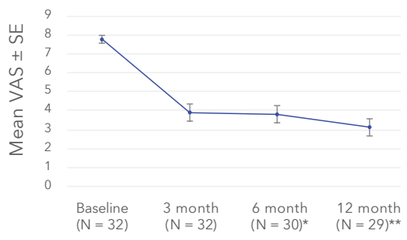
Actual size

High-performance Vanta™ recharge-free neurostimulator

Sustained, meaningful pain relief with DTM™ SCS endurance therapy

↓4.6 reduction in VAS for overall pain from baseline to 12 months.[1]

Sustained relief to 12-months



Note: *Subjects were excluded from analysis at 6 months due to programming changes from DTM™ SCS endurance therapy (N=1) and due to study exit (N=1). **Subjects were excluded from analysis at 12-months due to programming changes from DTM™ SCS endurance therapy (N=2) and due to study exit (N=1).

Successful trials

88% trial success rate[1]

Therapy satisfaction

86% of patients satisfied with therapy[1]

Quality of life improvements

76% of patients improved in degree of disability at 12-month follow up[1]

Real programming, real longevity estimates

5½–7½ years of estimated recharge-free longevity[2]

Discover the difference – get the advantage

	Medtronic Vanta™ PC[4,5]	Abbott Proclaim™ Plus[8,9] *Model 3670*	Boston Scientific Alpha™ PC[10,11]
			
High-performance neurostimulator	✓ ~2x more longevity at comparable settings[6,7]	✗ 3 years less longevity at comparable settings[6]	✗ 4 years less longevity at comparable settings[7]
Thinnest profile	✓ 1.14 cm	✗ 1.34 cm	✗ 1.16 cm
Objective outcomes	✓ Snapshot™ reporting offers objective, real-time activity data	✗ Subjective only	✗ Subjective Only
Automatic personalization	✓ AdaptiveStim™ technology automatically adjusts stimulation to maintain therapy dose	✗ Manual adjustments only	✗ Manual adjustments only
Device offers the same MRI access as non-implanted patients	✓ • SureScan™ MRI technology allows MRI scans anywhere on the body,† enabling diagnostic care • Designed with protective diodes and patented filtered feedthroughs	RESTRICTED MR scan sequence parameters may need adjusting to more restrictive RF power limits depending on leads used	RESTRICTED MR scan sequence parameters may need adjusting to more restrictive RF power limits depending on leads used
Leads offer same MRI access as non-implanted patients	✓ Patients have unrestricted MRI access: • 10 choices of percutaneous and surgical SureScan™ MRI shielded leads • MR scans can be performed with fractured leads	RESTRICTED Patients cannot get an MRI if: • Leads are fractured • Lead impedance measurements are not within the lead impedance limits	RESTRICTED Patients cannot get an MRI if: • Leads are fractured Patients have restricted MRI access if: • Implanted with 16 or 32 contact leads

†Under specific conditions. Refer to product labeling for full list of conditions.

Get the Vanta™ advantage.

Talk to your Medtronic representative today or visit medtronic.com/Vanta to discover more.

1. Provenzano, Peacock, Fishman, et al. A Prospective Multi-Center Study of a Reduced-Energy DTM™ Stimulation Derivative: Long-Term Outcomes in Therapy Naïve Patients. Poster presented at: American Society of Regional Anesthesia and Pain Medicine (ASRA) Annual Pain Medicine Meeting; Nov. 17-19, 2022; Orlando, FL, USA.
2. Provenzano, Amirdelfan, Grewal, et al. Modeling Energy Demands of a Reduced-Energy Derivative of DTM™ Stimulation on Rechargeable and Recharge-Free SCS Systems. Poster presented at: American Society of Regional Anesthesia and Pain Medicine (ASRA) Annual Pain Medicine Meeting; Nov. 17-19, 2022; Orlando, FL, USA. MRI guidelines for Medtronic neurostimulation systems for chronic pain.
3. 977006 Vanta Implant Manual.
4. Settings used from Proclaim™ clinician manual. Nominal settings 12 hours per day: 50-Hz frequency, 225-µs pulse width, and 5-mA amplitude at 500-ohms impedance. Compared to flagship model 3660. Model 3670, ProclaimTM Plus, has same energy modeling as model 3660.
5. Settings from Boston Scientific's Alpha IFU. Programmed at 4.1mA, 280us, 40 Hz, 1 area, 730 Ohms, 2 contacts.
6. MRI Procedure Information, For Abbott Medical MR Conditional Neurostimulation Systems, Clinician's Manual
7. Proclaim™ IPG Clinician's Manual, Models 3660, 3661, 3662, 3663, 3665, 3667, 3670, 3671, 3672, 3673.
8. Boston Scientific WaveWriter Alpha Information for Prescribers
9. ImageReady™ MRI Full Body Guidelines for WaveWriter Alpha.

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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