Medtronic
Engineering the extraordinary

Medtronic Pain Therapies

Your advantage over pain

Driven to provide the best pain relief
Get the Vanta™ advantage

High-performance Vanta™ recharge-free neurostimulator

Meaningful pain relief with DTM™ SCS endurance therapy
3.9 reduction in VAS for overall pain from baseline to 3 months

Solutions inspired by science
DTM™ programming derivatives modulated the neuro-inflammatory processes more than low-rate SCS

Real programming, real longevity estimates
Actual 3-month programming data shows that DTM™ SCS endurance therapy offers an estimated 5½–7½ years of recharge-free longevity

Unmatched MRI access
SureScan™ MRI technology leads give patients the same MRI access as non-implanted patients

**Get the Vanta™ advantage.**
Talk to your Medtronic representative today or visit medtronic.com/Vanta to discover more.

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**Successful trials**

- **88%** trial success rate

**Therapy satisfaction**

- **75%** of patients satisfied with therapy

**Quality of life improvements**

- **63%** of patients had minimal to moderate disability at 3 months compared to only 16% at baseline

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<table>
<thead>
<tr>
<th>Model</th>
<th>Lead Options</th>
<th>MRI Access</th>
<th>MR Scan Sequence Parameters</th>
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<tbody>
<tr>
<td>Medtronic Vanta™ PC4,5</td>
<td>10 choices</td>
<td>Unrestricted</td>
<td>RESTRICTED</td>
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<tr>
<td>Abbott Proclaim™ XR PC8,9</td>
<td>8 choices</td>
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<tr>
<td>Boston Scientific Alpha™ PC10,11</td>
<td>8 choices</td>
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</tbody>
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†Under specific conditions. Refer to product labeling for full list of conditions.

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*Data obtained from animal studies should not be extrapolated to clinical/human results.*
4. MRI guidelines for Medtronic neurostimulation systems for chronic pain.
5. 977006 Vanta Implant Manual.
6. 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.
7. Settings from Boston Scientific’s Alpha IFU. Programmed at 4.1mA, 280us, 40 Hz, 1 area, 730 Ohms, 2 contacts.
10. Boston Scientific WaveWriter Alpha Information for Prescribers

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. 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.

Refer to www.medtronic.com for product manuals for complete indications, contraindications, warnings, precautions and potential adverse events. Rx only. Rev 0119