# FUTURE-FOCUSED INNOVATION

The Intellis™ with AdaptiveStim™ platform sets the standard for chronic pain management.

Medtronic

Further, Together

# BUILT FOR **A FUTURE** THAT STARTS TODAY

The Intellis™ with AdaptiveStim™ platform overcomes the limitations of current spinal cord stimulation (SCS) systems with Medtronic exclusive future-focused technology, including:

**Overdrive™ battery** — optimized for both HD and LD energy demands

**Enhanced AdaptiveStim™** — technology adjusts stimulation dose automatically

**Snapshot™ reporting** — based on 7 objective body positions

**SureScan™ MRI** — technology gives patients the most access to full body MRI

Learn more at
**IntellisPainStim.com**


Wireless Trialing System

Clinician Programmer

Intellis™ SureScan™ MRI Neurostimulator*

Therapy Management Patient Programmer and Recharger

*Provides safe access to MRI scans anywhere on the body.
Under specific conditions. Refer to product labeling for full list of conditions.

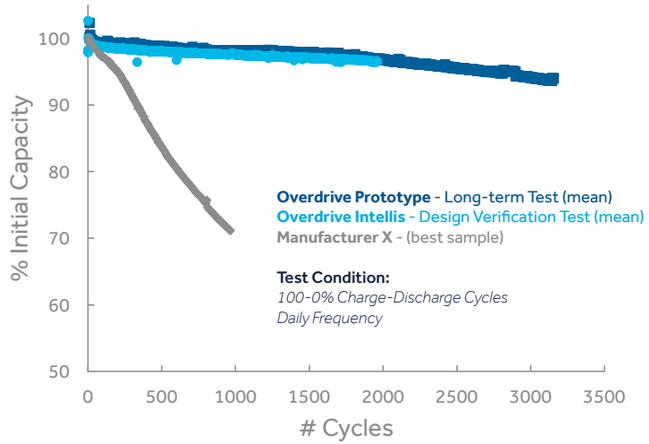
*Products shown are proportionate in size to each other, but not actual size.*

# UNRIVALED
# BATTERY CHEMISTRY PERFORMANCE

Our Overdrive™ Battery Technology has a proprietary chemistry compared with SCS competitor batteries that are based on conventional Li ion chemistry. Our design allows for rapid recharge with minimal impact to the battery capacity at 9 years of use even with full discharge.

Under daily, empty to full, charge and discharge testing:

- Medtronic's Intellis Overdrive™ Battery Technology maintained 95% of the original capacity at 9 years and 3,200 cycles.[1,2]
- The tested Competitor X spinal cord stimulators lost 30% of the capacity after only 3 years and 1,000 cycles.[1,2]
- The Intellis devices can be recharged in ~1 hour from empty to full vs. up to 4 hours with the tested Competitor X devices.




Thus, Patients will have a more consistent recharge interval and faster recharge experience, even under the most aggressive stimulation conditions.

# BATTERY PERFORMANCE

**~1 hr.**
**recharge**
*from empty to full*

**up to**
**3x faster**
*recharge than traditional lithium ion batteries*

**more than**
**95%** **battery capacity**
*at 9 years, independent of therapy parameters or recharge preferences*

**Patient can recharge** a completely discharged device

# SNAPSHOT REPORTING DELIVERS OBJECTIVE **PATIENT DATA**


**Integrates Medtronic AdaptiveStim™ technology** to automatically adjust the therapy in response to seven unique body positions for more personalized treatment and accurate reporting

**Snapshot™ transforms patient conversations from subjective to objective.**

**Complements self-reporting with shareable daily activity reports** that validate patient usage and track their progress

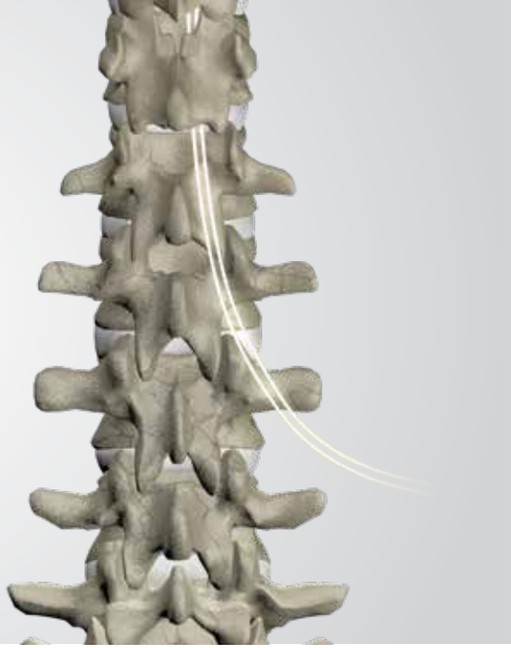
All relevant therapy information, including the fluoroscopy image library and daily activity data, is stored on the Intellis™ device.

## SECURE IN-DEVICE PATIENT THERAPY DATA

- Provides access to data at **any location for real-time treatment decisions**
- Integrates 128-bit encryption telemetry system to **ensure the highest levels of data security**
- Allows patients the freedom to take therapy data **wherever they go**

# EVOLVE WORKFLOW

**Standardized guidance** to simplify the trial and implant experience, and optimize patient options



**1** **IF** lead placement spans the T9/T10 space after mapping,

**THEN** consider the Evolve℠ workflow deliberate dose strategy, using both HD and LD.

**2** The suggested dose sequence begins with predefined HD settings.

**HD** → **LD**

**3** **DILIGENT PATIENT FOLLOW-UP** TO ASSESS FOR OPTIMAL PROGRAMMING

For more information on clinical data, visit **Medtronic.com/Evolve**

# EVOLVE WORKFLOW RUNNING ON INTELLIS

**Wireless external neurostimulator mimics the therapy delivered by the implanted device,** improving the patient trial experience and supporting trial-to-implant conversions

**Wireless programming and testing outside the sterile field** simplify the intra-operative experience

**Implantable neurostimulator with Overdrive™ technology improves the Evolve℠ workflow experience** by having faster recharge and less battery fade

# FULL-BODY MRI ACCESS* WITHOUT COMPROMISE

The Intellis™ device integrates SureScan™ MRI technology for MRI access anywhere on the body — without power restrictions.

~82%

of SCS-implanted patients will likely need at least one MRI within 5 years of implant


*Actual size*

MR * Under specific conditions. Requires SureScan™ MRI implantable neurostimulator and leads. Refer to product labeling for list of conditions.

**SIMPLIFIES FUTURE DIAGNOSES AND TREATMENT WHILE EASING PATIENT CONCERNS**

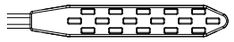
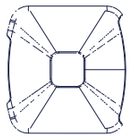
**ALLOWS MRI TO BE PERFORMED IN NORMAL OPERATING MODE***

**GIVES PATIENTS THE SAME UNRESTRICTED MRI ACCESS AS NON-IMPLANTED PATIENTS***

# Intellis™ with AdaptiveStim™ Platform

| MODEL NUMBER | DESCRIPTION | PRODUCT |
|---|---|---|
| **97715** | The Intellis™ with AdaptiveStim™ Platform |  |
| **97745** | Controller for patient use |  |
| **97755** | Recharger for 97715 Intellis™ with AdaptiveStim™ Technology rechargeable neurostimulator |  |

| MODEL NUMBER | DESCRIPTION | PRODUCT |
|---|---|---|
| *THE FOLLOWING ITEMS HIGHLIGHTED IN BLUE ARE FOR THE TRIAL KIT* | | |
| **97725** | Wireless External Neurostimulator |  |
| **977D160** | Vectris™ 1x8 subcompact trial lead kit *Length: 60 cm* |  |
| **977D260** | Vectris™ 1x8 compact trial lead kit *Length: 60 cm* |  |
| **977A160** | Vectris™ SureScan™ MRI 1x8 subcompact lead kit. *Length: 60 cm* |  |
| **977A190** | Vectris™ SureScan™ MRI 1x8 subcompact lead kit. *Length: 90 cm* |  |
| **977A175** | Vectris™ SureScan™ MRI 1x8 subcompact lead kit. *Length: 75 cm* |  |
| **977A260** | Vectris™ SureScan™ MRI 1x8 compact. *Length: 60 cm* |  |
| **977A275** | Vectris™ SureScan™ MRI 1x8 compact. *Length: 75 cm* |  |
| **977A290** | Vectris™ SureScan™ MRI 1x8 compact. *Length: 90 cm* |  |

| MODEL NUMBER | DESCRIPTION | PRODUCT |
|---|---|---|
| **977C190** | Specify™ SureScan™ MRI 5-6-5 surgical lead kit for spinal cord stimulation. *Length: 90 cm* |  |
| **977C165** | Specify™ SureScan™ MRI 5-6-5 surgical lead kit for spinal cord stimulation. *Length: 65 cm* |  |
| **977C265** | Specify™ SureScan™ MRI 2x8 surgical lead kit for spinal cord stimulation. *Length: 90 cm* |  |
| **977C290** | Specify™ SureScan™ MRI 2x8 surgical lead kit for spinal cord stimulation. *Length: 65 cm* |  |
| **37500301** | Wireless External Neurostimulator Boot |  |
| **CT900A** | Clinician Tablet |  |
| **8880T2** | Communicator |  |

**References:**

1. Remaining useful life assessment of lithium-ion batteries in implantable medical devices. Journal of Power Sources 375 (2018) 118–130.
2. Data on File.

**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

Medtronic

710 Medtronic Parkway
Minneapolis, MN 55432-5604
USA
Tel: (763) 514-4000

medtronic.com