

INTERSTIM® THERAPY

for Urinary Control



PUT THEM ON THE PATH TO SUCCESS WITH INTERSTIM® THERAPY

- Effective urinary control via sacral nerve stimulation¹⁻⁸
- Proven efficacy in patients for whom more conventional therapy has been unsatisfactory¹⁻⁸
- Minimally invasive screening test and implant procedure
- Nearly 50,000 patients have received InterStim Therapy worldwide⁹

Warning: Not intended for patients with mechanical obstruction such

as benign prostatic hypertrophy, cancer, or urethral stricture.

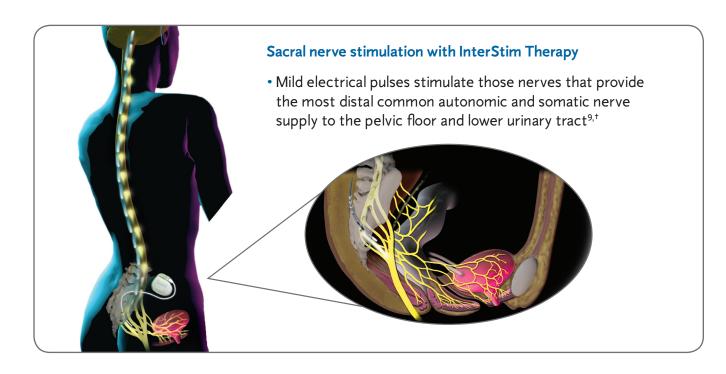
Not all patients benefit from drug therapy^{12,14}

Standard pharmacological therapy for overactive bladder (OAB) consists of administering anti-cholinergic medications, which mainly treat the efferent limb of the micturition reflex (muscular activity).

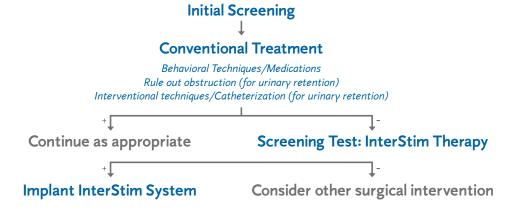
While anti-cholinergic drug therapy may alleviate OAB symptoms for some patients, they are not effective for everyone. Furthermore, some of these medications may cause intolerable side effects for patients.

For patients that don't benefit from drug therapy, InterStim Therapy may be an option

While anticholinergic drugs address the muscle component in urinary control, InterStim Therapy addresses the nerve component.^{2,11,+}

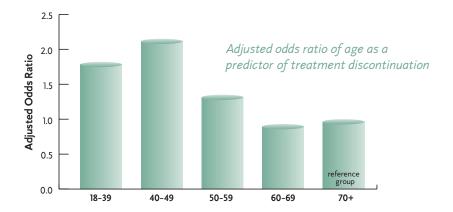


URINARY CONTROL TREATMENT PATHWAY9



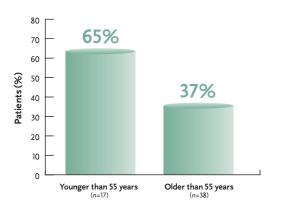
[†] The precise mechanism of action of InterStim has not been established.

Survey results show younger patients are more than twice as likely to discontinue anticholinergic drug therapy^{12,†}



• Younger patients (ages 40 to 49) were more than twice as likely to discontinue their therapy when compared to 70-year-old respondents¹²

In a prospective clinical trial, patients under the age of 55 were statistically significantly more likely to remain completely dry than patients over 55¹³



P<.05
Patients with no daily leakage
episodes after permanent implant

- Patients with fewer comorbid conditions were also found to have a statistically greater chance of remaining completely dry compared to those with multiple disease states¹³
- Adverse events included lead migration, pain at implant site and infection

Minimally invasive, office-based screening test

- Provides an easy way to assess the efficacy of InterStim Therapy
- Allows an opportunity to assess the viability of the therapy for a patient prior to the implant procedure

Two ways to test:

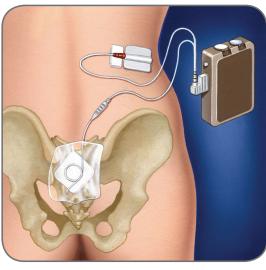
Test 1: Peripheral Nerve Evaluation

- In a simple, office-based procedure the thin wire lead is placed into the sacrum
- The lead is then secured to the outside of the patient's sacral area
- If good results are achieved from the test, the patient can proceed directly to long-term InterStim Therapy
- If the test is inconclusive or unsuccessful, proceed to Test 2

Test 2: Chronic Lead

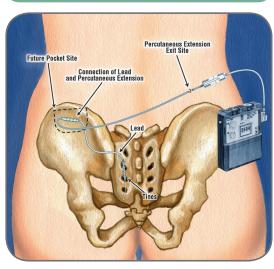
- The tined lead is typically placed in the S3 foramen
- The lead is connected—via tunneling—to a
 percutaneous extension through a small incision
 made at the prospective neurostimulator site which
 contralaterally exits the skin
- The chronic lead test, if successful, allows the patient to proceed directly to the second stage—the implant procedure for the InterStim neurostimulator¹⁵
- If the test is unsuccessful, the test may be repeated

Test 1: Peripheral Nerve Evaluation



Test stimulation with temporary lead

Test 2: Chronic Lead



Test stimulation with chronic lead

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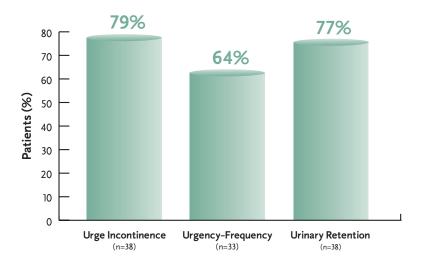
[†] An on-line survey of 1,447 self-selected urinary incontinence patients receiving treatment for incontinence. Self-selected patients may not be representative of the general population. Survey included patients with stress incontinence, which is relatively resistant to pharmacotherapy.

Sacral nerve stimulation works for patients with urinary control issues*

In a clinical study, InterStim Therapy patients demonstrated significantly improved quality of life, as self reported on measures that included physical health status, physical functioning, physical and emotional role, pain, and mental health¹⁰

CLINICAL SUCCESS⁹

12-month results



79% success in urge-incontinence9

- 45% remained completely dry
- 34% experienced ≥50% reduction in leaking

64% success in urgency-frequency⁹

- 31% returned to normal voids (4 to 7 voids/day)
- 33% experienced ≥50% reduction in number of voids

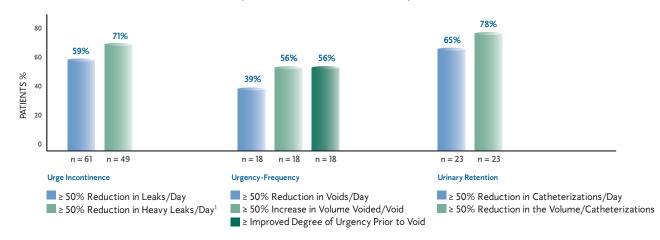
77% success in urinary retention9

- 61% eliminated use of catheters
- 16% experienced ≥50% reduction in catheterized urine volume

Clinical study proves sustained efficacy over 5 years

EVALUABLE PATIENT POPULATION*

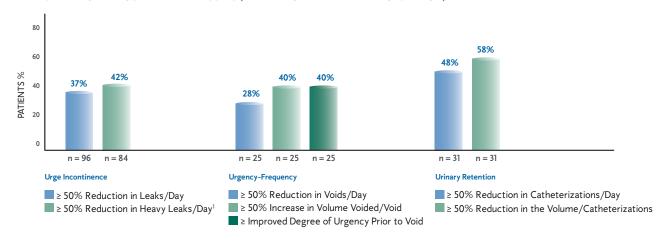
SIXTY MONTH POST-IMPLANT RESULTS (EVALUABLE PATIENT POPULATION)



¹ Excludes patients who reported no heavy leaks at baseline and at sixty months post implant.

INTENT-TO-TREAT PATIENT POPULATION**

SIXTY MONTH POST-IMPLANT RESULTS (INTENT-TO-TREAT PATIENT POPULATION)



¹ Excludes patients who reported no heavy leaks at baseline and at sixty months post implant.

Purpose

This post-approval, non-randomized, multicenter study provided data on the long-term effects of sacral nerve stimulation for the treatment of urinary urge incontinence, urinary urgency-frequency, and urinary retention in patients who had failed or could not tolerate more conservative treatments. The study took place at 17 centers in the United States, Canada, and Europe.

Result

The study demonstrated that InterStim Therapy can be a long-term solution for patients with overactive bladder or non-obstructive urinary retention. Based on the subset of study subjects for whom both baseline and five-year data were available (i.e., the evaluable sample), improvement ranged from 39% to 78%, depending on the outcome assessed. If all implanted study subjects are considered (i.e., the intent-to-treat sample) and missing five-year data are imputed using baseline values (or, in the absence of baseline values, from the mean baseline of all subjects with baseline values), the results range from 28% to 58%, depending on the outcome assessed.

^{*} Indicated for the treatment of urinary retention and the symptoms of overactive bladder, including urinary urge incontinence and significant symptoms of urgency-frequency alone or in combination, in patients who have failed or could not tolerate more conservative treatments

^{*} Referred to as the "evaluable patient population" in the Clinical Summary.

^{**} Referred to as the "intent-to-treat" patient population in the Clinical Summary.

STEP UP TO INTERSTIM THERAPY

The effective option for your patients with urinary control issues

- Effective urinary control via sacral nerve stimulation 1-8
- Proven efficacy in patients for whom more conventional therapy has been unsatisfactory¹⁻⁸
- Minimally invasive screening test and implant procedure
- Nearly 50,000 patients have received InterStim Therapy worldwide⁹
- For technical support call 1-800-707-0933

Brief Summary Disclosure for InterStim® Therapy for Urinary Control

InterStim® Therapy for Urinary Control: Product technical manual must be reviewed prior to use for detailed disclosure. Indications: InterStim Therapy for Urinary Control is indicated for the treatment of urinary retention and the symptoms of overactive bladder, including urinary urge incontinence and significant symptoms of urgency-frequency alone or in combination, in patients who have failed or could not tolerate more conservative treatments. Contraindications: Patients are contraindicated for implant of the InterStim System if they have not demonstrated an appropriate response to test stimulation or are unable to operate the neurostimulator. Also, diathermy (e.g., shortwave diathermy, microwave diathermy or therapeutic ultrasound diathermy) is contraindicated because diathermy's energy can be transferred through the implanted system (or any of the separate implanted components), which can cause tissue damage and can result in severe injury or death. Diathermy can damage parts of the neurostimulation system.

Warning: This therapy is not intended for patients with mechanical obstruction such as benign prostatic hypertrophy, cancer, or urethral stricture. Precautions/Adverse Events: Safety and effectiveness have not been established for: bilateral stimulation, patients with neurological disease origins such as multiple sclerosis, pregnancy and delivery, or for pediatric use under the age of 16. System may be affected by or adversely affect cardiac pacemakers or therapies, cardioverter defibrillators, electrocautery, external defibrillators, ultrasonic equipment, radiation therapy, magnetic resonance imaging (MRI), theft detectors and screening devices. Adverse events related to the therapy, device, or procedure can include: pain at the implant sites, lead migration, infection, or skin irritation, technical or device problems, transient electric shock, adverse change in bowel or voiding function, numbness, nerve injury, seroma at the neurostimulator site, change in menstrual cycle, and undesirable stimulation or sensations.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

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