

**LIVE**  
**YOUR BEST**  
**LIFE**

**DBS FOR PARKINSON'S,  
ESSENTIAL TREMOR AND DYSTONIA**



ST. JUDE MEDICAL™



# FUEL YOUR INDEPENDENCE

**Living with a movement disorder can be frustrating and, at times, disruptive to leading a full life.**

That's why our goal is to help patients living with Parkinson's, Essential Tremor, or Dystonia who may respond to Deep Brain Stimulation (DBS) therapy regain further independence over their lives.

St. Jude Medical™ DBS therapy is clinically proven to make a difference—providing patients more valuable “on-time”; substantial improvement in overall symptom control, and, in many cases, significantly reducing medications and their side effects.<sup>1-4</sup>



The St. Jude Medical™ DBS device uses Apple™ products and wireless communication for patient familiarity and ease of use.



# TAKE CONTROL BE YOU AGAIN

## **What is Deep Brain Stimulation?**

Deep Brain Stimulation (DBS) is a reversible, personalized therapy that provides control of movement-related symptoms 24 hours a day in a safe, effective manner. It blocks electrical signals from targeted areas in the brain that cause involuntary movements. Since its introduction in the mid-1990s, DBS therapy has helped over 120,000 people worldwide.<sup>5</sup>

DBS therapy is also adjustable, much like medication, and is reversible. Meaning, that the device can be turned off and removed.

## FOR PATIENTS WITH PARKINSON'S, DBS THERAPY HAS:

- Proven to give patients good quality **on-time** for most of their waking hours.<sup>6</sup>
- Shown **89% of caregivers and clinicians** have rated overall patient symptom control improvement as good, very good or excellent.<sup>7</sup>
- **Reduced the need** for medication, providing relief from medication side effects.<sup>3</sup>
- Shown prolonged **motor improvements up to 10 years.**<sup>8</sup>

89%

**of caregivers and clinicians of PD patients** have rated overall patient symptom control improvement as good, very good or excellent.<sup>7</sup>

98%

**of therapy patients** would recommend DBS therapy to someone dealing with essential tremor.<sup>4</sup>

## FOR PATIENTS WITH ESSENTIAL TREMOR, DBS THERAPY HAS:

- Demonstrated a **significant improvement in tremor**, allowing patients to **return to normal daily activities** such as handwriting, pouring and working.<sup>4</sup>
- **Improved overall quality of life**, gross and fine motor control, speech quality and decreased pre-occupation with the disease.<sup>4</sup>
- **Resulted in nine out of 10 patients being satisfied or very satisfied** with the system's ability to control their symptoms.<sup>4</sup>
- **Revealed 98 percent of patients would recommend DBS therapy** to someone dealing with essential tremor.<sup>4</sup>





**IS DBS  
THERAPY  
RIGHT FOR ME?**

**DBS therapy is not for everyone, so it's important to talk with your doctor about the benefits and risks.**

As with any surgery or therapy, DBS has risks and complications. Most side effects of DBS surgery are temporary and correct themselves over time. However, some complications can be more serious and/or permanent.

**Risks of brain surgery may include serious complications such as coma, bleeding inside the brain, paralysis, seizures and infection.**

Some of these may be fatal. Once implanted, the area around the system may become infected, parts may wear through your skin and the lead or lead/extension connector may move. Any of these situations may require additional surgery or cause your symptoms to return. While most complications will have no after-effects, some people may experience lasting, stroke-like symptoms, such as weakness, numbness, problems with vision or slurred speech. In the event that side effects are intolerable or you are not satisfied with the therapy, the DBS system can be turned off or surgically removed.



PHYSICIAN PROGRAMMER



ST. JUDE MEDICAL INFINITY™ DBS SYSTEM



PATIENT PROGRAMMER

## THE ST. JUDE MEDICAL INFINITY™ DBS SYSTEM

**State-of-the-art technology that promotes the freedom to be you again.**

The St. Jude Medical Infinity™ DBS system was designed to reinvent the way patients, physicians and caretakers interact with, and experience, DBS therapy.

This unique system uses modern Apple™ mobile digital devices, app-based programming and features an advanced lead design to offer a more convenient, customized therapy for each patient.

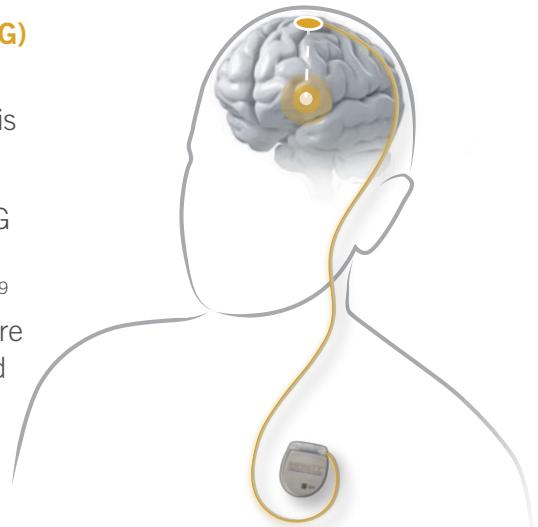
# COMPONENTS OF THE DBS SYSTEM



## Implantable Pulse Generator (IPG)

The IPG sends the signal used to communicate with the brain and is placed in the chest cavity.

The St. Jude Medical Infinity™ IPG is the smallest non-rechargeable, implantable DBS device available<sup>9</sup> and can be updated using software as new technologies are approved and become available.<sup>10</sup>



## Leads

A lead is a thin wire connected to the IPG used to deliver signals from the IPG to your brain. The lead tip is placed in the area of your brain associated with your movement disorder.

The innovative St. Jude Medical Infinity™ Directional Lead offers a lead tip designed to maximize control over the stimulated area—allowing your doctor to target treatment where therapy is needed most.<sup>11</sup>



## Patient and Clinician Programmers

Programmers allow you and your clinician to manage your therapy—turn it on and off or adjust therapy, as needed (within certain limitations set by your doctor).

St. Jude Medical™ DBS programmers are app-based and housed on Apple™ mobile digital devices.





# LIVE YOUR BEST LIFE

Patients who are good candidates and have chosen DBS therapy have not only experienced improvements in their daily activities, but also in their mood and quality of sleep<sup>12</sup>—giving them a better quality of life. While each person’s experience is different, both patients and caregivers have noted that symptoms for many patients have been reduced significantly, allowing a more normal, active lifestyle.<sup>7</sup> Studies show that this improvement in quality of life can be sustained for up to 10 years and beyond.<sup>8,12</sup> With an increase in activity and ability, and a reduction in noticeable symptoms, many patients feel more confident<sup>13</sup> when interacting in their environments—giving them greater freedom to live the lives they want.

**To learn more about DBS therapy for movement disorders and the St. Jude Medical Infinity™ DBS system, visit [www.sjm.com/dbs](http://www.sjm.com/dbs).**

# TALK TO YOUR DOCTOR TO SEE IF DBS IS RIGHT FOR YOU

and learn more about the St. Jude Medical Infinity™ DBS system—therapy designed to fuel your independence so that you can live your best life and get back to the business of being you.

Visit [www.sjm.com/dbs](http://www.sjm.com/dbs)

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11. St. Jude Medical. Infinity™ IPG Clinician's Manual. Plano, Tex. 2015.
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## Rx Only

**Brief Summary:** Before using these devices, please review the User's Guide for a complete listing of indications, contraindications, warnings, precautions, potential adverse events, and directions for use.

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**St. Jude Medical Inc.**  
Global Headquarters  
One St. Jude Medical Drive  
St. Paul, MN 55117  
USA  
T +1 651 756 2000  
F +1 651 756 3301

**St. Jude Medical S.C., Inc.**  
Americas Division  
6300 Bee Cave Road  
Bldg. Two, Suite 100  
Austin, TX 78746  
USA  
T +1 512 286 4000  
F +1 512 732 2418

**SJM Coordination Center BVBA**  
The Corporate Village  
Da Vincilaan 11-Box F1  
B-1935 Zaventem, Belgium  
T +32 2 774 68 11  
F +32 2 772 83 84

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