

INNOVATION IN PARKINSON'S DISEASE TREATMENT

More than **1.2 million people**

across Europe are living with Parkinson's Disease¹



Treatment options:



Medications

Oral, injection and other forms of medications, aimed to increase dopamine levels in the brain, are available to alleviate symptoms related to motor control



Deep Brain Stimulation (DBS)

Brain stimulation can reduce symptoms of Parkinson's Disease significantly



More than **150,000 people** worldwide already treated with DBS²



What is DBS?

implantation of brain stimulator that helps regulate neural signaling

Vercise Directional System*

powered with Current Steering technology is designed for

- Greater precision for improved patient outcomes
- Reduction of potential side effects
- Flexible programming to treat a greater range of patients



Boston Scientific in DBS



Contoured edges designed for patient comfort



Directional leads for less side effects



Leads compatible with MRI**



Full body MRI conditional***

89% of treating physicians think that a directional lead should be used for all their patients³

DBS may reduce Parkinson's Disease symptoms such as:



Tremor



Rigidity



Freezing



Slowness of movement



Involuntary movements

DBS may result in improvements of 62% in motor symptoms, for some patients the use of medication could be reduced by 58%⁴



Talk to your doctor about how DBS could help you and find out more here: <https://www.bostonscientific.com/en-EU/health-conditions/dystonia.html>

References:

¹ <http://ebc-brussels.org/wp-content/uploads/2015/07/Parkinsons-fact-sheet-July-2011.pdf>

² <https://www.neuromodulation.com/deep-brain-stimulation>

³ DBS Masters Debate, November 2015.

⁴ <https://www.dystonia-foundation.org/living-with-dystonia/neurosurgery/brain-surgeries/deep-brain-stimulation> last access October 21, 2016.

* A System that includes the Vercise™ PC, Vercise Gevia™, or Vercise Genus™ IPG and Vercise Cartesia™ Directional Lead(s) forms the Vercise Directional System.

** The Vercise Genus or Vercise Gevia™ DBS System and Vercise DBS Lead-only system (before Stimulator is implanted) provide safe access to full-body MRI scans when used with specific components and the patient is exposed to the MRI environment under specific conditions defined in the supplemental manual ImageReady™ MRI Guidelines for Boston Scientific DBS Systems.

*** MRI Conditional when all conditions of use are met.

