

**VERCISE™**  
**DIRECTIONAL**  
Deep Brain Stimulation Systems

## VERCISE GENUS™ DEEP BRAIN STIMULATION SYSTEM\* CONTROL MADE CLEAR



Combining Multiple Independent Current Control (MICC), novel directional capabilities, and integrated visualization of patient anatomy, the Vercise Genus DBS System offers unprecedented control for improved patient outcomes.

### PRECISION MADE PERSONAL

Every brain is unique. So we created a DBS system that's uniquely customizable for every patient.

- Comprehensive MRI conditional\*\* DBS portfolio
- Personalize therapy stimulation with Cartesia™ 3D

### SIMPLY INTUITIVE

Vercise Genus features an intelligent interface to help simplify programming using Neural Navigator 4 software.

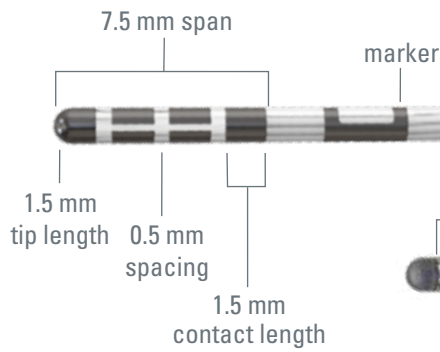
- Integrated visualization of patient-specific anatomy with STIMVIEW™ XT
- Optimize controls for simplified programming

### CONVENIENCE MEETS COMFORT

The Vercise Genus DBS system's small, thin IPGs are equipped with Bluetooth connectivity to provide enhanced communication and ease of use.

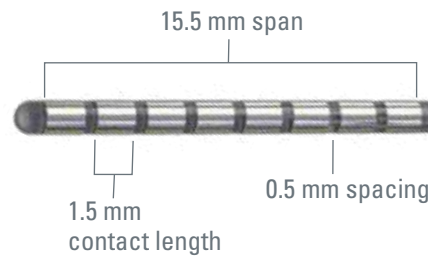
- 11 mm thin, Genus IPGs are designed with patient comfort in mind

\*A System that includes the Vercise Genus IPG and Vercise Cartesia™ Directional Lead(s) forms the Vercise Directional System



## VERCISE CARTESIA™ DIRECTIONAL LEAD

for Greater Precision and Fewer Side Effects



## VERCISE™ STANDARD LEAD

for the Best Span and Spacing

## VERCISE GENUS™ DBS SYSTEM - LEAD SPECIFICATIONS

FEATURE	VERCISE CARTESIA DIRECTIONAL LEAD	VERCISE STANDARD LEAD
Distal Contact to Tip Length	N/A	1.1 mm
Contact Length	1.5 mm	1.5 mm
Contact Spacing	0.5 mm	0.5 mm
Total Span	7.5 mm	15.5 mm
Lead Diameter	1.3 mm	1.3 mm
Overall Length	45 cm	45 cm
Lead-Only MRI	Yes	Yes

## VERCISE GENUS DBS SYSTEM - IPG SPECIFICATIONS

FEATURE	VERCISE GENUS R16	VERCISE GENUS P16
Dimensions	52 mm x 46 mm x 11 mm	72 mm x 49.6 mm x 11.6 mm
Battery Type	Rechargeable	Non-Rechargeable
Volume	20.1 cc	34.9 cc
Full-Body MRI*	Yes	Yes


## PROGRAMMING PARAMETERS

PARAMETER	RANGE
Total Amplitude <sup>1</sup>	0.1 mA - 20 mA
Rate <sup>2</sup>	2 Hz - 255 Hz
Pulse Width	20 $\mu$ s - 450 $\mu$ s
Contact Connections	16
Stimulation Type	Multiple Independent Current Control

1. The programmable coverage for each individual contact is limited to 12.7 mA. A programming interlock is enforced to limit the total output current to 20 mA or less.

2. The rate is limited to a sum of 255 Hz for a given port, the global rate limit for each lead is also 255 Hz

\*\*MRI Conditional under specified conditions.

 The Vercise Genus™ 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.

CAUTION: The law restricts this device to sale by or on the order of a physician. Indications, contraindications, warnings, and instructions for use can be found in the product labeling supplied with the device. Information for use only in countries with applicable health authority registrations. Material not intended for use in France. All rights reserved.

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