NOTE: All systems and products should be considered as investigational-use only in the context of the NIH BRAIN Initiative.

GUIDE™ DBS SOFTWARE
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Description: GUIDE™ DBS Software (GUIDE DBS) is a simulation system that allows the clinician to plan the programming of a patient with a Boston Scientific Deep Brain Stimulation (DBS) System. GUIDE DBS provides:

- A view of the Lead(s) relative to the deep brain structures associated with treatment
- The tools for simulating neuron response to stimulation
- A visual model of the stimulation field in the context of an anatomical atlas.

Using GUIDE DBS, one can determine a starting point for the monopolar review that may reduce programming time.
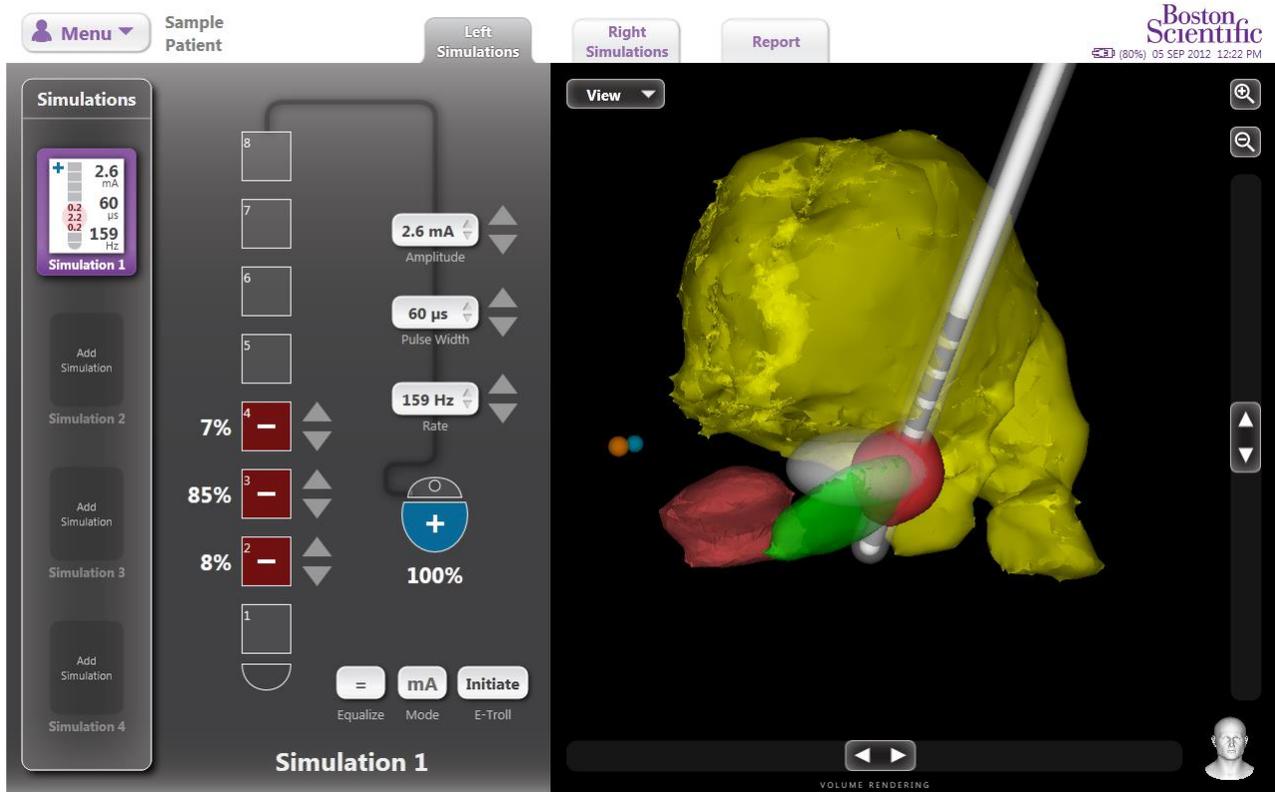
8-CONTACT DEEP BRAIN STIMULATION LEAD

Description: The DBS Lead consists of 8 cylindrical contacts. The outer diameter of the DBS Lead and contacts is 1.3 mm and is compatible with existing commercially available DBS implantation tools. The DBS Lead can be implanted and attached to the stimulator for both unilateral stimulation (on either the left or right side) and bilateral stimulation.

Specifications:

Feature	Description
Number of contacts	8
Contact Length	1.5mm
Contact spacing (center to center)	2.0mm
Contact span	15.5mm
Distal contact to tip	<1.3mm
Diameter	1.3mm
Overall Length	30cm, 45cm
Outer Jacket tubing (insulation)	Polyurethane
Contact Material	Platinum/Iridium
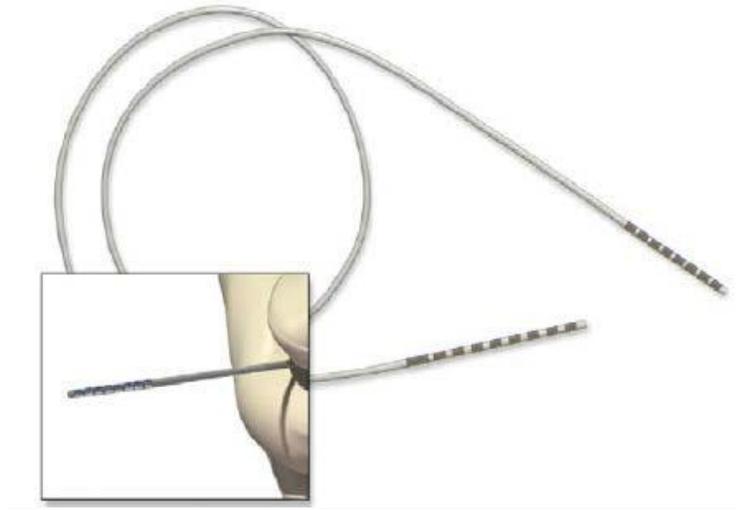
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DIRECTIONAL 8 CONTACT SEGMENTED DEEP BRAIN STIMULATION LEAD Description:

Eight-contact segmented lead with current steering.
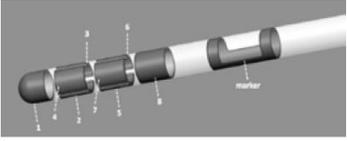
Feature	Specification
Tip Length	1.5 mm
Contact Length	1.5 mm
Contact Spacing (axial)	0.5 mm
Lead Diameter	1.3 mm
Overall Length	30 cm or 45 cm
Outer Tubing Material	Polyurethane
Contact Material	Platinum/Iridium