

Tendril™ ST Optim™

Pacing Lead

Product Highlights

- Optim™ lead insulation—a chemical co-polymer that blends the best features of polyurethane and silicone for improved handling and increased durability
- Thin lead body to provide ease of passage and a small venous space
- Active mapping collar enables threshold measurements prior to extending the helix to save time at implant
- Ventricular straight or atrial J-shaped active-fixation options



Ordering Information

Contents: Cardiac pacing lead

Model Number	Type of Lead	Insulation	Fixation	Min. Introducer (F)	Connector	Lengths (cm)
1888TC	Straight	Optim	Ext/Ret Helix	6	IS-1 bipolar	46; 52; 58; 65
1882TC	Atrial J	Optim	Ext/Ret Helix	7	IS-1 bipolar	46; 52

Indications: The Tendril™ ST Optim™ lead is designed for permanent sensing and pacing in either the atrium or the ventricle, in combination with a compatible pulse generator. An active lead, such as the Tendril™ ST Optim™, may be indicated for patients where permanent fixation of passive leads is suspected to be unstable. In atrial applications, the use of a screw-in lead, such as the Tendril SDX, may be indicated in the presence of an abnormal, surgically altered or excised atrial appendage.

Contraindications: The Tendril™ ST Optim™ lead is contraindicated: In the presence of tricuspid atresia, for patients with mechanical tricuspid valves, in patients who are expected to be hypersensitive to a single dose of one milligram of dexamethasone sodium phosphate.

Adverse Events: Potential complications associated with the use of Tendril™ ST Optim™ leads are the same as with the use of other active fixation leads and include: cardiac tamponade, diaphragmatic stimulation, embolism, excessive bleeding, induced ventricular ectopy, infection, loss of pacing and/or sensing due to dislodgment or mechanical malfunction of the pacing lead, phrenic nerve stimulation, thrombosis. Complications reported with direct subclavian venipuncture include pneumothorax, hemothorax, laceration of the subclavian artery, arteriovenous fistula, neural damage, thoracic duct injury, cannulation of other vessels, massive hemorrhage and, rarely, death.

Refer to the User's Manual for detailed indications, contraindications, warnings, precautions and potential adverse events.

Customer Support: 46-8-474-4756

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use. Devices depicted may not be available in all countries. Check with your St. Jude Medical representative for product availability in your country. Unless otherwise noted, ™ indicates that the name is a trademark of, or licensed to, St. Jude Medical or one of its subsidiaries. ST. JUDE MEDICAL, the nine-squares symbol and MORE CONTROL. LESS RISK. are registered and unregistered trademarks and service marks of St. Jude Medical, Inc. and its related companies. ©2011 St. Jude Medical, Inc. All rights reserved.

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Product Specifications

PHYSICAL SPECIFICATIONS

Models	1888TC	1882TC
Minimum Introducer Size	6 F	7 F
Type of Lead	Transvenous, screw-in, bipolar, steroid	Transvenous, screw-in, bipolar, steroid
Shape	Straight	Atrial J
Lead Lengths	46; 52; 58; 65 cm	46; 52 cm
Fixation	Extendable/retractable helix	Extendable/retractable helix
Tip-to-Ring Spacing	10 mm	10 mm
Lead Tip Electrode (Cathode)	Pt/Ir collar + active titanium nitride coated Pt/Ir helix (2 mm extension)	Pt/Ir collar + active titanium nitride coated Pt/Ir helix (2 mm extension)
Tip Electrode Surface Area	8,5 mm ²	8,5 mm ²
Ring Electrode (Anode)	Titanium nitride coated Pt/Ir ring	Titanium nitride coated Pt/Ir ring
Ring Electrode Surface Area	16 mm ²	16 mm ²
Mapping	Available with collar	Available with collar
Steroid Elution	Yes	Yes
Conductor	MP35N™* coil	MP35N™* coil
Insulation	Optim	Optim

Accessory Kits Available Separately

ACCESSORY	MODEL	AVAILABLE LENGTHS	DESCRIPTION
Stylet Kit	DS06002 and DS06003 with appropriate length designation for use with TC model Tendril and Tendril ST leads	46; 52; 58; 65 cm	4 straight stylets (1x soft; 1 soft; 1 firm; 1 x firm); 1 j; 1 universal clip-on tool

*MP35N is a trademark of SPS Technologies, Inc.

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