

# QuickFlex™ μ

## 4F Bipolar, Optim™ Insulation-Insulated, Left Ventricular Pacing Lead

MODEL 1258T



### SPECIFICATIONS

St. Jude Medical's innovative QuickFlex™ μ lead—the latest in lead technology—is designed to provide predictable outcomes through superb access, delivery and fixation.

Based on the QuickFlex™ lead family, this 4 F bipolar lead features a narrow ring electrode for lead tip flexibility, and a steerable tip for control and deliverability. The large S-curve provides superior fixation for this small diameter lead. The 4.3 F lead body diameter allows Direct-to-Target™ placement through a sub 5 F inner catheter to deliver leads to small, acute venous anatomies that may have been unreachable in the past.

The addition of the QuickFlex μ lead to the QuickFlex CRT family of leads provides implanters with even more lead options to enable predictable placement and stability for varied patient needs.

### DESIGNED TO DELIVER

- Optim™ Lead Insulation
  - Optim insulation is a hybrid insulation material—the first of its kind developed specifically for cardiac lead use. It blends the biostability and flexibility of high-performance silicone rubber with the strength, tear resistance and abrasion resistance of polyurethane. This insulation allows for an abrasion resistant, thin diameter lead.
- Low Profile
  - Entire lead body: 4,3 F
  - Lead tip: 4,0 F
- Flexible Lead Body
  - Tip-to-ring electrode spacing of 20 mm and reduced lengths of rigid portions (tip and ring) create superb flexibility.
- Steerable Tip
  - Distal tip angle can be controlled to maneuver the lead through venous anatomy.
- Over-the-Wire or Stylet-Approach Compatibility
  - Specially designed leads give the implanting physician the option of using either approach during the same procedure.
- Fast-Pass™ Lubricious Coating
  - Enables multiple leads to easily slide against one another, possibly reducing inadvertent dislodgement.

### EXCEPTIONAL STABILITY AND PERFORMANCE

- S-Shaped for Stability
  - The S-curve shape is designed to provide enhanced lead stability in a wide variety of vein sizes.
- Options for Any Anatomy
  - The complete family of QuickFlex leads, including QuickFlex μ, QuickFlex and QuickFlex XL is a comprehensive suite of CRT leads with varying diameters and S-Shape sizes, providing options to enable predictable procedures — regardless of the patient's venous anatomy.
- Suture Sleeve
  - The new suture sleeve has been designed with silicone ridges to secure a thinner lead body.
- Titanium Nitride Coating (TiN)
  - TiN coating on the tip and ring electrodes has been shown to improve stimulation efficiency and lower polarisation.
- Steroid Elution
  - Steroid elution minimizes inflammatory reaction at the electrode-tissue interface and provides lower acute and chronic thresholds than non-steroid-eluting leads.



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Parameter	Description
Connector	IS-1 Bipolar
Lead Length	75 cm, 86 cm, 92 cm
Lead Body Size	4,3 F (1,42 mm/0.056")
Tip Electrode Size	4,0 F (1,33 mm/0.052")
LV Lead Delivery System Introducer Size	Minimum 5 F ID
Minimum S-Curve Height	16 mm
Tip Electrode	Pt/Ir, TiN coated, ring-shaped, two grooves
Steroid	Dexamethasone sodium phosphate
Tip Electrode Surface Area	5,0 mm <sup>2</sup>
Ring Electrode Surface Area	7,4 mm <sup>2</sup>
Tip-to-Ring Electrode Spacing	20 mm
Lead Body Insulation	Optim™ insulation
Lead Body Coating	Fast-Pass™ coating
Conductors	
Distal (coil)	MP35N™
Proximal (cables)	MP35N™
Suture Sleeve	Attached

### Indications and Usage

The QuickFlex lead has application as part of a St. Jude Medical™ biventricular system.

### Contraindications

The use of QuickFlex leads is contraindicated in patients who:

- Are expected to be hypersensitive to a single dose of 1,0 mg of dexamethasone sodium phosphate.
- Are unable to undergo an emergency thoracotomy procedure.
- Have coronary venous vasculature that is inadequate for lead placement, as indicated by venogram.

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**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.

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