

# Durata®

## Optim Insulation, Endocardial, Steroid-Eluting Defibrillation Leads

MODELS 7120, 7121, 7122, 7130, 7131, 7170, 7171



### SPECIFICATIONS

- **Designed for Reliability with Redundant Conductors**
  - Durata® defibrillation leads offer the safety of a built-in backup system by incorporating the use of redundant conductors in their design. These additional conductors serve as backup in the unlikely event of a conductor failure.
- **Symmetrical Lead Body with Oversized Lumens**
  - The symmetrically aligned cables within the lead body, as well as a centrally located coil, provide for additional protection to the inner coil. Oversized lumens for cables allow effective absorption of external forces, e.g., clavicular crush.
- **Optim® Lead Insulation**
  - Optim insulation is a hybrid insulation material, the first-of-its-kind developed specifically for cardiac lead use, that blends the biostability and flexibility of high-performance silicone rubber with the strength, tear resistance and abrasion resistance of polyurethane.
- **Designed to Prevent Tissue Ingrowth**
  - The Durata defibrillation lead combines two innovative designs intended to help prevent tissue ingrowth. The lead uses a flat outer wire, providing a low profile for its defibrillation coils. In addition, the lead is backfilled with silicone to completely fill the shock coil space.
- **Lower Thresholds with Steroid Elution**
  - The Durata defibrillation lead is a steroid-eluting lead that uses a monolithic controlled release device (MCRD) as a vehicle for steroid delivery. The dexamethasone sodium phosphate in a silicone matrix is designed to reduce inflammation at the lead-tissue interface resulting in lower acute and chronic stimulation thresholds.
- **Thinner than Any Competitive Lead on the Market**
  - The Durata lead is thinner than any competitive lead on the market. Based on the reliable Riata lead platform, the small diameter Durata lead has a number of design characteristics intended to enhance lead durability, while providing all the benefits of a thin lead. These benefits include improved ease of venous passage, reduced risk of venous thrombosis or rib-clavicle crush and enhanced ability to accommodate additional leads.
- **Silicone Tip\***
  - The Durata lead's soft silicone tip offers more compliance at the lead tip-endocardium interface. This silicone tip profile has been increased by more than 60% over predecessor leads, but still passes through a 7 F introducer due to the material's soft nature. In addition, four pads have been added to the silicone tip, further increasing the surface area of the lead tip that is in contact with the tissue.
- **Slightly Curved RV Shock Coil**
  - The RV shock coil for the Durata defibrillation lead is slightly curved to help reduce pressure at the lead tip-endocardium interface.
- **Easier Implants with Fast-Pass™ Coating**
  - The Durata defibrillation leads feature a lubricious coating that facilitates lead insertion through the introducer and veins. Fast-Pass coating helps reduce lead body surface friction allowing multiple leads to easily move against one another and reducing the chance of inadvertently moving one lead during the manipulation of another.
- **Shock Coil Spacing Options to Fit Most Patients**
  - Two different tip-to-proximal shock coil spacing options are available in the Durata lead. These options help promote an effective shocking vector by allowing proper positioning of the proximal coil across a wide range of cardiac shapes and sizes.
- **Shock Coil Configuration Options with Dual- or Single-Shock Coil Models\***
  - The Durata defibrillation lead is available in both dual- and single-shock coil configurations, giving physicians the option to choose the configuration that is best for each patient.
- **Multiple Lengths**
  - Available in 60, 65 and 75 cm lengths, the Durata defibrillation lead affords physicians the flexibility to address the needs of patients with varying physical statures and vascular anatomies.
- **Active Fixation or Passive Fixation**
  - Durata leads are available in passive fixation, tined models or active fixation, extendable/retractable helix models designed to provide stable fixation and greater placement options.
- **More Sensing Options with True or Integrated Bipolar Sensing\***
  - The Durata defibrillation lead provides physicians the option of integrated or true bipolar sensing. The integrated bipolar sensing configurations may help improve the consistency of R-wave amplitudes and the sensing of small R waves.
- **Limited Lifetime Warranty.**
  - Terms and Conditions Apply. Refer to the Warranty for Details.

\* Active fixation models only.



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MORE CONTROL. LESS RISK.

## Durata® True Bipolar, Active-Fixation Defibrillation Leads

### SPECIFICATIONS

LEAD MODEL NUMBER	7120	7121	7122
Fixation	Ext/Ret Helix	Ext/Ret Helix	Ext/Ret Helix
Shock Configuration	Dual-Coil	Dual-Coil	Single-Coil
Sensing Configuration	True Bipolar	True Bipolar	True Bipolar
Min. Size Introducer	7 F	7 F	7 F
Lengths	60, 65 cm	60, 65, 75 cm	60, 65 cm
Body Diameter	6.8 F	6.8 F	6.8 F
Tip-to-Anode Spacing	11 mm	11 mm	11 mm
Tip-to-Proximal Coil	17 cm	21 cm	N/A
Tip Electrode Area	8 mm <sup>2</sup>	8 mm <sup>2</sup>	8 mm <sup>2</sup>
Steroid Plug	Yes	Yes	Yes
Distal Shock Coil Area	367 mm <sup>2</sup>	367 mm <sup>2</sup>	367 mm <sup>2</sup>
Proximal Shock Coil Area	588 mm <sup>2</sup>	588 mm <sup>2</sup>	N/A

## Durata® Integrated Bipolar, Active-Fixation Defibrillation Leads

### SPECIFICATIONS

LEAD MODEL NUMBER	7130	7131
Fixation	Ext/Ret Helix	Ext/Ret Helix
Shock Configuration	Dual-Coil	Dual-Coil
Sensing Configuration	Integrated Bipolar	Integrated Bipolar
Min. Size Introducer	7 F	7 F
Lengths	60 and 65 cm	60 and 65 cm
Body Diameter	6.8 F	6.8 F
Tip-to-Distal Coil Spacing	11 mm	11 mm
Tip-to-Proximal Coil	17 cm	21 cm
Tip Electrode Area	8 mm <sup>2</sup>	8 mm <sup>2</sup>
Steroid Plug	Yes	Yes
Distal Shock Coil Area	367 mm <sup>2</sup>	367 mm <sup>2</sup>
Proximal Shock Coil Area	588 mm <sup>2</sup>	588 mm <sup>2</sup>

## Durata® True Bipolar, Passive-Fixation Defibrillation Leads

### SPECIFICATIONS

LEAD MODEL NUMBER	7170	7171
Fixation	Tines	Tines
Shock Configuration	Dual-Coil	Dual-Coil
Sensing Configuration	True Bipolar	True Bipolar
Min. Size Introducer	7 F	7 F
Lengths	60, 65 cm	65, 75 cm
Body Diameter	6.8 F	6.8 F
Tip-to-Anode Spacing	11 mm	11 mm
Tip-to-Proximal Coil	17 cm	21 cm
Tip Electrode Area	3.5 mm <sup>2</sup>	3.5 mm <sup>2</sup>
Steroid Plug	Yes	Yes
Distal Shock Coil Area	367 mm <sup>2</sup>	367 mm <sup>2</sup>
Proximal Shock Coil Area	588 mm <sup>2</sup>	588 mm <sup>2</sup>

**Global Headquarters**  
One Lillehei Plaza  
St. Paul, Minnesota 55117  
USA  
+1 651 483 2000  
+1 651 490 4310 Fax

**US Division**  
807 Las Cimas Parkway  
Suite 400  
Austin, TX 78746  
USA  
+1 512 732 7400  
+1 512 732 2418 Fax

**Cardiac Rhythm  
Management Division**  
15900 Valley View Court  
Sylmar, California 91342  
USA  
+1 818 362 6822  
+1 818 364 5814 Fax

[sjm.com](http://sjm.com)



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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. Unless otherwise noted, ™ indicates that the name is a trademark of, or licensed to, St. Jude Medical or one of its subsidiaries. Durata, Optim, ST. JUDE MEDICAL, the nine-squares symbol and MORE CONTROL. LESS RISK. are trademarks and service marks of St. Jude Medical, Inc. and its related companies. ©2009. St. Jude Medical, Inc. All Rights Reserved. Item G0210