

Durata®

Defibrillation Leads with SJ4 Connector

MODELS 7120Q, 7121Q, 7122Q, 7170Q, 7171Q



SPECIFICATIONS

- The SJ4 connector is designed to simplify implants by streamlining defibrillation connections into a single terminal pin and reducing the number of set screws. The SJ4 connection reduces pocket bulk, which may provide increased comfort, particularly for patients who are thin or small in stature, and could lessen the risk of lead-to-can abrasion, a known complication.
- Redundant conductors, incorporated into the design, serve as a backup system in the unlikely event of a conductor failure.
- Symmetrically aligned cables within the lead body and 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® insulation, a first-of-its-kind hybrid insulation material developed specifically for cardiac lead use, blends the biostability and flexibility of high-performance silicone rubber with the strength, tear resistance and abrasion resistance of polyurethane.
- Two innovative designs are intended to help prevent tissue ingrowth.
 - Flat-wire technology provides a low profile for the defibrillation coils.
 - Silicone backfilling completely fills the shock coil space.
- Steroid elution is designed to reduce inflammation at the lead-tissue interface resulting in lower acute and chronic stimulation thresholds.
- Small diameter lead—thinner than any competitive lead on the market—offers improved ease of venous passage, reduced risk of venous thrombosis or rib-clavicle crush, and enhanced ability to accommodate additional leads.
 - Built on the reliable Riata® lead platform, the lead features design characteristics intended to enhance lead durability.
- Soft silicone tip offers more compliance at the lead tip-endocardium interface.*
 - Silicone tip profile in Durata family leads has been increased by greater than 60% over predecessor leads, but still passes through a 7 F introducer due to the material's soft nature.
 - Four pads on the silicone tip further increase the surface area of the lead tip that is in contact with the tissue.
- Slightly curved RV shock coil is designed to help reduce pressure at the lead tip-endocardium interface.
- Lubricious Fast-Pass® coating facilitates lead insertion through the introducer and veins to ease implantation.
 - 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.
- Two different tip-to-proximal shock coil spacing options help to promote an effective shocking vector by allowing proper positioning of the proximal coil across a wide range of cardiac shapes and sizes.
- Dual- or single-shock coil models give physicians the option to choose the configuration that is best for each patient.*
- Multiple lead lengths—52, 58, and 65 cm—afford physicians the flexibility to address the needs of patients with varying physical statures and vascular anatomies.
- Passive-fixation tined models or active-fixation extendable/retractable helix models are designed to provide stable fixation and greater placement options.
- Limited Lifetime Warranty.
 - Terms and conditions apply. Refer to the Warranty for details.

*Active-fixation models only.



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PHYSICAL SPECIFICATIONS

True Bipolar, Active-Fixation Defibrillation Leads

Models	7120Q	7121Q	7122Q
Fixation	Ext/Ret Helix		
Shock Configuration	Dual-Coil		Single-Coil
Sensing Configuration	True Bipolar		
Min. Size Introducer (F)	7		
Lengths (cm)	52, 58, 65		
Body Diameter (F)	6.8		
Tip-to-Anode Spacing (mm)	11		
Tip-to-Distal Coil (cm)	17		
Tip-to-Proximal Coil (cm)	17	21	N/A
Tip Electrode Area (mm ²)	6		
Steroid Plug	Yes		
Distal Shock Coil Area (mm ²)	367		

True Bipolar, Passive-Fixation Defibrillation Leads

Models	7170Q	7171Q
Fixation	Tines	
Shock Configuration	Dual-Coil	
Sensing Configuration	True Bipolar	
Min. Size Introducer (F)	7	
Lengths (cm)	52, 58, 65	
Body Diameter (F)	6.8	
Tip-to-Anode Spacing (mm)	11	
Tip-to-Distal Coil (cm)	17	
Tip-to-Proximal Coil (cm)	17	21
Tip Electrode Area (mm ²)	3.5	
Steroid Plug	Yes	
Distal Shock Coil Area (mm ²)	367	

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CAUTION: FEDERAL LAW (USA) RESTRICTS THIS DEVICE TO SALE, DISTRIBUTION AND USE BY OR ON THE ORDER OF A PHYSICIAN.
Brief Summary: Prior to using these devices, please review the User's Manual for a complete listing of indications, contraindications, warnings, pre-cautions, potential adverse events and directions for use. Unless otherwise noted, ® or TM indicates a registered or unregistered trademark or service mark owned by, or licensed to, St. Jude Medical, Inc. 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.
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