

Durata®

Active-Fixation Defibrillation Leads with SJ4 Connector

MODELS 7120Q, 7121Q, 7122Q



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.
- Limited Lifetime Warranty.
 - Terms and Conditions Apply. Refer to the Warranty for Details.

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	7 F		
Lengths	52, 58, 65 cm		
Body Diameter	6.8 F		
Tip-to-Anode Spacing	11 mm		
Tip-to-Proximal Coil	17 cm	21 cm	N/A
Tip Electrode Area	6 mm ²		
Steroid Plug	Yes		
Distal Shock Coil Area	367 mm ²		
Proximal Shock Coil Area	588 mm ²		N/A

ATRIAL FIBRILLATION

CARDIAC RHYTHM MANAGEMENT

CARDIAC SURGERY

CARDIOLOGY

NEUROMODULATION

St. Jude Medical

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

St. Jude Medical Sweden AB

Veddestavägen 19
175 84 Järfälla
Sweden
+46 8 474 4000
+46 8 760 9542 Fax

St. Jude Medical Europe, Inc.

The Corporate Village
Figueras Building
Avenue Da Vinci laan, 11 Box F1
B-1935 Zaventem
Belgium
+32 2 774 6811
+32 2 772 8384 Fax

St. Jude Medical

World Headquarters
One Lillehei Plaza
St. Paul MN 55117
USA
+1 651 483 2000
+1 651 482 8318 Fax

sjm.com



ST. JUDE MEDICAL™
MORE CONTROL. LESS RISK.

CAUTION: FEDERAL LAW (USA) RESTRICTS THIS DEVICE TO SALE, DISTRIBUTION AND USE BY OR ON THE ORDER OF A PHYSICIAN. Consult the User's Manual for information on indications, contraindications, warnings and precautions. Unless otherwise noted, ® or ™ 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 trademarks and service marks of St. Jude Medical, Inc. and its related companies. ©2009 St. Jude Medical, Inc. All Rights Reserved. Item No. G0215