

Durata™

Models 7120, 7121, 7122 Active-Fixation Defibrillation Leads



SPECIFICATIONS

SAFETY

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.

CONTROL

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 smaller 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 greater 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.

CONVENIENCE

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.

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.

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.

LEAD MODEL NUMBER	7120	7121	7122
Fixation		Ext/Ret Helix	
Shock Configuration	Dual-Coil	Dual-Coil	Single-Coil
Sensing Configuration	True Bipolar		
Min. Size Introducer	7 F		
Lengths	60, 65 cm	60, 65, 75 cm	60, 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	8 mm ²		
Steroid Plug	Yes		
Distal Shock Coil Area	367 mm ²		
Proximal Shock Coil Area	588 mm ²	588 mm ²	N/A



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