

QuickSite™

MODEL 1056K
Polyurethane/Silicone, Steroid-Eluting
Left Ventricular Pacing Lead



SPECIFICATIONS

SUPERIOR HANDLING AND POSITIONING

OTW or Stylet Approach Compatibility

The QuickSite lead's unique design allows the use of either the over-the-wire (OTW) or stylet driven implant approach. Specially designed stylets give the implanting physician the option of using either approach during the same procedure. The QuickSite lead can be either front-loaded or back-loaded when using the OTW approach.

Composite Lead Body & Conductors

The QuickSite lead's polyurethane/silicone lead body combined with its cable/coil conductors is designed to enhance pushability and torqueability. This allows the physician to manoeuvre and position the lead quickly and easily, while maintaining distal flexibility.

Fast-Pass™ Coating

The QuickSite lead features Fast-Pass™ lubricious coating on the outside of the lead. This coating is designed to help make the lead surface more slippery, allowing multiple leads to slide against one another easily. This is helpful during implantation of multiple leads and may reduce the chance of inadvertent dislodgment of one lead during manipulation of another.

Steerable Tip

The QuickSite lead features a steerable tip designed to enhance positioning. When the fully inserted stylet is withdrawn slightly, the resultant curve at the distal end helps to navigate acute bends in the vasculature.

PTFE Inner Lumen

The inner lumen of the QuickSite lead is composed of polytetrafluoroethylene (PTFE). This is designed to reduce friction and improve guidewire tracking and stylet insertion.

PTFE-Coated Guidewire and Stylets

In addition to the inner lumen, the QuickSite lead's guidewire and stylets are also PTFE-coated to reduce friction, which may further enhance guidewire and stylet insertion.

EXCEPTIONAL PERFORMANCE AND STABILITY

S-Shaped Distal Lead Body

Building upon the Aescula™ lead's exceptional stability, the QuickSite lead's unique S-shaped distal lead body features a more effective S-shape and is designed to provide great lead stability.

Grooved, Circumferential Tip Electrode

The QuickSite lead features a grooved, circumferential tip electrode. The active surface area of the tip electrode covers the distal and side surfaces of the lead tip, and is designed for stability and good capture thresholds. In addition, there are two grooves in the tip electrode that provide an area for a small amount of tissue ingrowth.

Steroid Elution

The QuickSite 1056K lead is steroid-eluting to minimise the inflammatory reaction at the lead/tissue interface. Steroid-eluting leads have been demonstrated to provide lower acute and chronic thresholds than non-steroid eluting leads.

Titanium Nitride Fractal Coating

The tip electrode is coated with titanium nitride (TiN). This creates a textured microcrystalline surface area that has been shown to improve stimulation efficiency and lower polarisation. Additionally, the TiN coating facilitates tissue ingrowth and fosters better contact with the myocardium for more stable positioning.

SPECIFICATIONS

PARAMETER	DESCRIPTION (Nominal Values)
Connector	IS-1 Unipolar
Lead Length	86 cm
Maximum Lead Body Size	6 Fr (2 mm / 0.079 in.) at PU – SR transition joint
Proximal Polyurethane Lead Body Size	5.6 Fr (1.85 mm / 0.073 in.)
Distal Silicone Rubber Lead Body Size	5.0 Fr (1.68 mm / 0.066 in.)
Left Heart Lead Delivery System Introducer Size	Minimum 7 Fr lumen ID
Tip Electrode	Pt/Ir, TiN coated, two grooves, blunt tip
Steroid	Dexamethasone sodium phosphate
Tip Electrode Surface Area	4.8 mm ²
Lead Body Insulation	Proximal: polyurethane 55D Distal 8 cm: silicone rubber
Conductors	Proximal: two ETFE insulated low resistance cables Distal 8 cm: multifilar MP35N™ coil
Suture Sleeve	White, radiopaque

ACCESSORIES PACKAGED WITH THE QUICKSITE LEAD

Stylets	Six (6) 0.36 mm/0.014 in. diameter PTFE coated stainless steel stylets, with 15 cm distal tapers to: “Soft” – 0.15 mm/0.006 in. diameter – green knob (3 stylets) “Firm” – 0.20 mm/0.008 in. diameter – yellow knob (2 stylets) “Extra Firm” – 0.25 mm/0.010 in. diameter – red knob (1 stylet)
Guidewire	PTFE coated, 180 cm long, 0.36 mm/0.014 in. diameter, with 5 cm floppy tip; two torque tools included
Lead Flushing Tool	White ABS coupling with Luer-Lok™

ACCESSORY KITS AVAILABLE SEPARATELY

Stylet Accessory Kit – Model 4078S / 86 / 15	Contains same stylets packaged with the lead
Stylet Accessory Kit – Model 4078S / 86 / 5	Six (6) 0.36 mm/0.014 in. diameter PTFE coated stainless steel stylets, with 5 cm distal tapers to: “Soft” – 0.15 mm/0.006 in. diameter – green knob (3 stylets) “Firm” – 0.20 mm/0.008 in. diameter – yellow knob (2 stylets) “Extra Firm” – 0.25 mm/0.010 in. diameter – red knob (1 stylet)
Guidewire Accessory Kit – Model 4078G / 86	Contains same guidewire packaged with the lead