

Bipolar LV Leads Feature Comparison

Specifications	BIOTRONIK		Medtronic	Boston Scientific			St. Jude Medical	
	Corox OTW BP	Corox OTW-S BP	Attain BP	EasyTrak 2	EasyTrak 3	Acuity Steerable	QuickSite	QuickFlex
Lead Body Diameter	5.4 F	5.4 F	4 F	6.0 F	6.0 F	6.0 F	5.6 F	5.6 F
Lead Tip Diameter	5.8 F	5.8 F	4.6 F	5.4 F	5.7 F	5.4 F	5 F	5 F
Available Lengths	77/87 cm	77/87 cm	78/88/103 cm	80/90/100 cm	80/90/100 cm	80/90 cm	75/86 cm	75/86 cm
Electrode Spacing	18 mm	18 mm	21 mm	11 mm	11 mm	8 mm	20 mm (1058T) 15 mm(1056T)	8 or 16 mm
Insulation	Polyurethane covered silicone lead body	Polyurethane covered silicone lead body	Polyurethane coated and SI polyimide (SI-PI) inner	Polyurethane coated lead body and silicone tip	Polyurethane coated lead body and silicone tip	Polyurethane coated lead body and silicone tip	Silicone with FastPass coating	Polyurethane proximal lead body and silicone distal body
Fixation Style	Progressive curve helix	Silicone thread between tip and electrode	2 bends	Tines/wedge	Helix	J-Shape	S-Curve (2 sizes to choose from)	S-curve with grooved, circumferential tip to allow for tissue in-growth
Lead Steering	Stylet or Guidewire	Stylet or Guidewire	Stylet/Guidewire	Guidewire	Guidewire	Stylet or Guidewire	Stylet or Guidewire	Stylet or Guidewire
Vein Selection	Medium to large veins with moderate tortuosity	Small to medium veins with moderate to high tortuosity	Small veins	Small to medium veins with moderate to high tortuosity	Medium to large veins with moderate tortuosity	Medium to large veins with moderate tortuosity	Small to medium veins with moderate to high tortuosity	Medium to large veins with moderate tortuosity
Model Number	Corox OTW 75-BP 354805 Corox OTW 85-BP 354807	Corox OTW-S 75-BP 355148 Corox OTW-S 85-BP 355149	4196	4542 - 80 cm 4543 - 90 cm 4544 - 100 cm	4548 - 80 cm 4549 - 90 cm 4550 - 100 cm	4554 - 80 cm 4555 - 90 cm	20 mm (1058T) 15 mm(1056T) Unipolar (1056K)	8 mm (1158T) 16 mm (1158K) (n/a US Q2 2010: *1258T sub 5F)
Other LV Leads			Attain StarFix® 5F 4195 OTW Lead with Deployable Lobes Attain® Bipolar 6F OTW 4194 Attain® Unipolar 4F OTW Lead 4193			ACUITY Spiral LV Unipolar 4.5 F/4.1 F		

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Tachycardia Defibrillation Leads Feature Comparison

	BIOTRONIK	Medtronic	Boston Scientific	St. Jude Medical		SORIN
Specifications	Linux S/SD/T/TD	Sprint Quattro Secure	Endotak Reliance SG/G	Durata	Durata SJ4	ISOLINE
Sensing	True Bipolar	True Bipolar	Integrated Bipolar	True Bipolar/Integrated	True Bipolar	Integrated Bipolar
Header Connection	IS-1	IS-1	IS-1	IS-1	IS-4	IS-1
Shock Configuration	Single/Dual	Single/Dual	Single/Dual	Single/Dual	Single/Dual	Dual
Lead Body Diameter	7.8 F	8.6 F	8.2 F	6.8 F	6.8F	7.8F
Coil Spacing	16/18 cm	18 cm	18 cm	17/21 cm	17/21 cm	18 cm
Available Lengths	65/75 cm - S/T 60/65/75 cm - SD 65/75/100 - TD	58/65/75/100 cm	59/64/70/90(G) cm	60/65/75 cm	52/58/65 cm	58/65 cm
Electrode Spacing	11 mm - S/SD 9 mm - T/TD	12 mm	12 mm	11 mm	11 mm	11 mm
Insulation	Silicone	Silicone with Isoglide™ Polyurethane overlay	Silicone	Optim Silicone polyurethane blend	Optim Silicone polyurethane blend	Polyurethane/Silicone/ETFE
Coil Treatment	Silicone Backfill	Silicone Backfill	GORE ePTFE	Silicone Backfill	Silicone Backfill	n/a
Fixation	Active (Helix) Passive (Tined)	Active (Helix) Passive (Tined)	Active (Helix) Passive (Tined)	Active (Helix) Passive (Tined)	Active Helix	Active (Helix) Passive (Tined)
Introducer Size	8 F	9 F	9 F	7 F	7 F	8.5 F
Model Number	Linux S 65 - 351333 Linux S 75 - 351334 Linux SD 60/16 - 363303 Linux SD 65/16 - 350053 Linux SD 65/18 - 350054 Linux SD 75/18 - 350056 Linux T 65 - 351353 Linux T 75 - 351354 Linux TD 65/16 - 351337 Linux TD 65/18 - 351338 Linux TD 75/18 - 351340	6947	Reliance SG - 0170, 0171, 0172, 0180, 0181, 0182 Reliance G - 0174, 0175, 0176, 0177, 0184, 0185, 0186, 0187	Single 7122/7172 Dual 7120/7121/7170	Single 7122Q/7172Q Dual 7120Q/7121Q/7170Q/7171Q	2CR-5/2 CR-6 active 2CT-5/2ct-6 passive
Other ICD Leads	n/a	Subcutaneous Lead System Model 6996SQ Sprint Quattro™ 6944 Transvene® 6937A Transvene® Epicardial Patch 6721 (S, M, L)	n/a	Riata 1560/1561 Riata ST 7000 Riata ST Optim 7020	n/a	n/a

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Bradycardia Pacing Leads Feature Comparison

Specifications	BIOTRONIK		Medtronic		Boston Scientific	St. Jude Medical	SORIN
	Setrox S	Selox ST/JT	CapSure Fix Novus	MRI CapSure Fix	Dextrus	Tendril ST Optim	STELIX II
Fixation	Active Helix	Passive/Tines	Active Helix	Active Helix	Active Helix	Active Helix	Active Helix
Lead Shape	Straight	Straight/Pre-formed J	Straight	Straight	Straight	Straight/Pre-formed J	Straight
Lead Body Diameter	6.7 F	6.6 F	6.2 F	7 F	6.7 F	5.97 F	7.5 F
Available Lengths	45/53/60 cm	53/60 cm - ST 45/53 cm - JT	45/52/58 cm	45/52/58 cm	45/53/60 cm	46/52/58 cm J-shape - 46/52 cm	45/52/59 cm
Electrode Spacing	10 mm	15 mm	10 mm	10 mm	10 mm	10 mm	11 mm
Insulation	Silicone	Silicone	Silicone	Silicone	Polyurethane coated lead body and silicone tip	Optim (hybrid silicone polyurethane)	HP Medical grade silicone rubber
Introducer Size	7 F	7 F	7 F	8 F	7 F	6F/7 F	8 F
Model Number	Setrox S 45 350973 Setrox S 53 350974 Setrox S 60 350975	Setrox ST 53 346366 Setrox ST 60 346367 Setrox JT 45 346369 Setrox JT 53 346368	5076	5086	4135/4136/4137	1888 TC/1882 TC	BRF24D/BRF25D/ BRF26D
Other Brady Leads	n/a	n/a	CapSure® Z Novus 5054 (Passive) CapSure® SP Novus 5594 (Passive) CapSureFix® Novus 5076 (Epicardial) CapSure® Epi (Epicardial) CapSure® VDD2 (VDD)		Flextend (Active) Fineline II (Active/Passive)	IsoFlex Optim (Passive) IsoFlex (Passive) OptiSense Optim (Active) OptiSense (Active) Tendril ST (Active) Tendril STS (Active)	Stelix (Active) Stelid II (Passive)

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