

# Control your entire lead

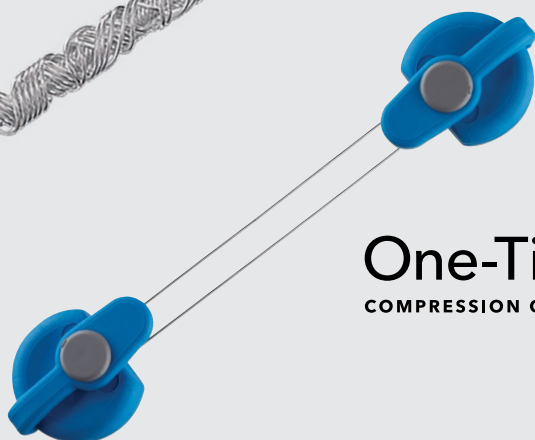
**Liberator<sup>®</sup>**

BEACON<sup>®</sup> TIP LOCKING STYLET



**One-Tie<sup>®</sup>**

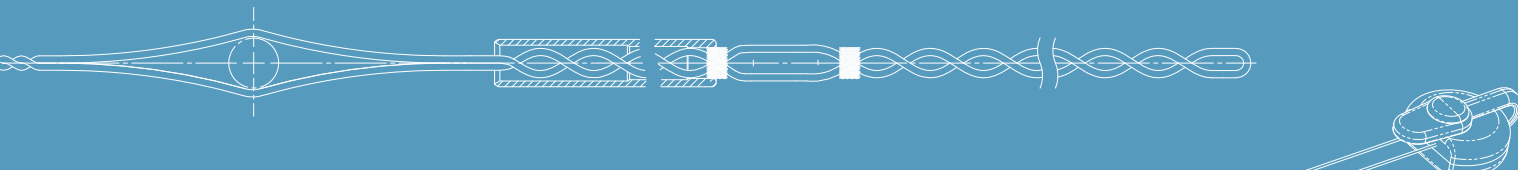
COMPRESSION COIL



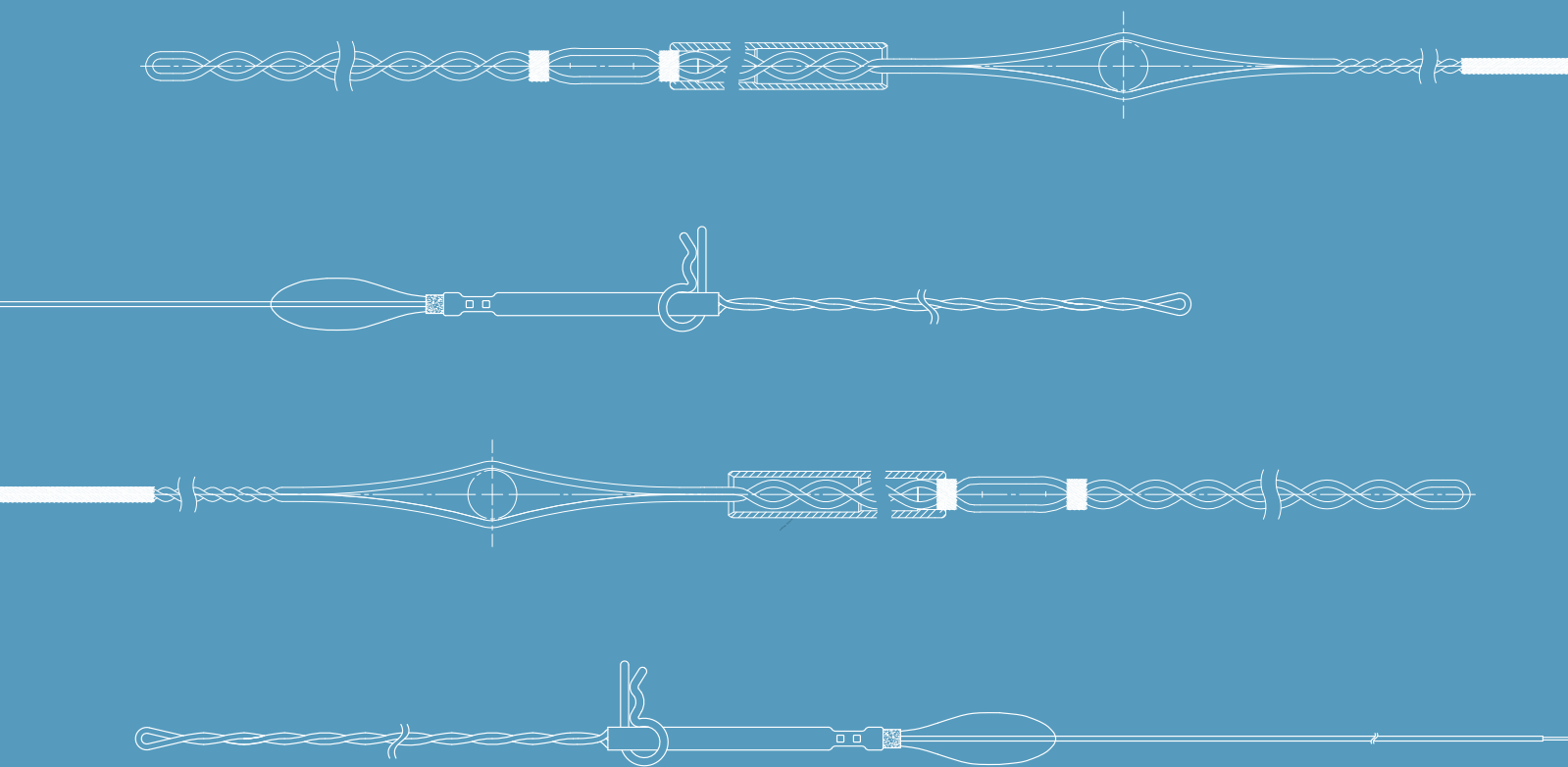
**Bulldog<sup>™</sup>**

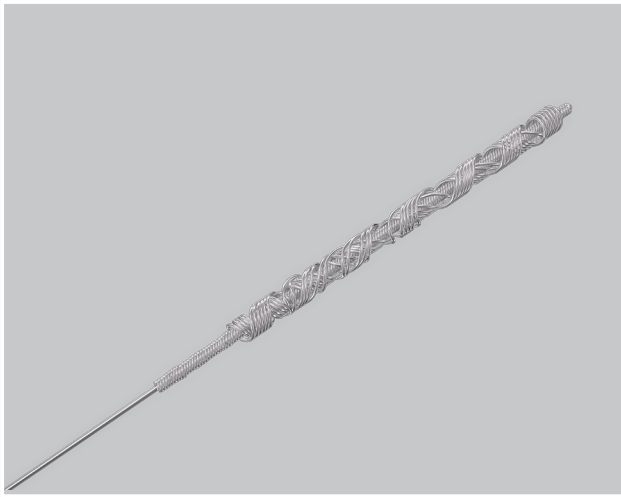
LEAD EXTENDER





Cook Medical offers the only comprehensive lead control system designed to manage challenging lead issues during extraction. Lead control is an important step in the procedure and is critical to providing adequate traction on the targeted lead. Creating the rail effect to deliver the extraction sheath over the targeted lead enables the dissection of encapsulated fibrous binding sites and allows clinician control over counterpressure and countertraction during lead extraction procedures.





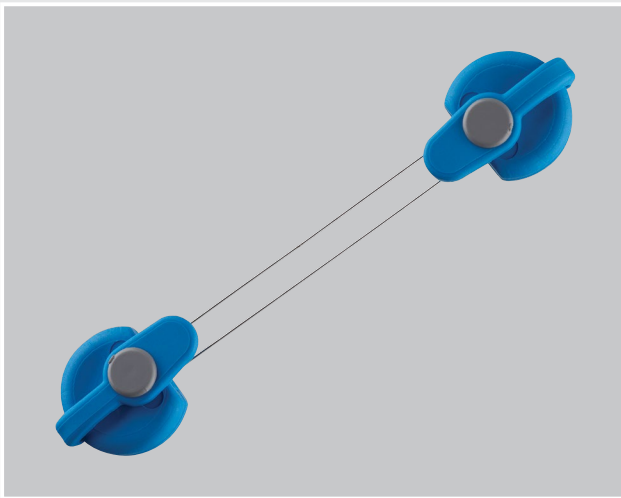
## Liberator® Beacon® Tip Locking Stylet

### Lock with certainty

The Liberator Beacon Tip Locking Stylet provides enhanced visualization of the locking mechanism, enabling clinicians to know exactly how far they have progressed. With a locking mechanism located near the distal portion of the lead, the device can be locked as far distally as it progresses within the lead, facilitating the creation of the rail effect to the locked position of the lead.

### Features

- Universal sizing
- Locking mechanism 7.6 cm from distal tip
- Latch pin prevents premature locking
- Threadable braided handle for improved clinician control/grip



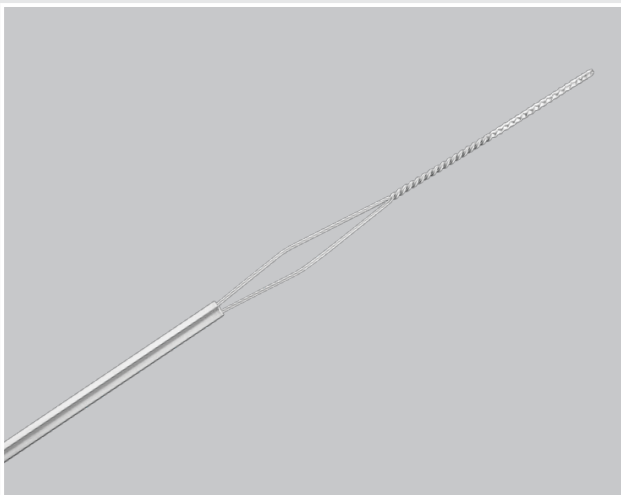
## One-Tie® Compression Coil

### Increased lead control<sup>1</sup>

The One-Tie Compression Coil compresses the lead components at the proximal end of the targeted lead. By compressing the components to the locking stylet, it provides clinicians the ability to better control the lead and avoid the sleeving or bunching of insulation or extruding cables or wires.

### Features

- Simple to apply
- Accommodates all lead types
- Designed to reduce movement of insulation



## Bulldog™ Lead Extender

### Manage the extraction of lumenless leads

The Bulldog Lead Extender aids in the removal of broken or lumenless cardiac leads or those that contain cable conductor wires, such as implantable cardioverter defibrillator (ICD) leads. The Bulldog extends the lead so it can be drawn through a sheath.

### Features

- Secure and easy-to-use locking mechanism
- Compatibility with all extractions sheaths
- Threadable handle

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## Rail effect

The Liberator and One-Tie used together provide two traction points along the length of the lead. The first step is visualizing the location of distal locking with the Liberator and the One-Tie and proximal compression establishing the rail between the two points. An established rail and use of the One-Tie in conjunction with the Liberator provides improved central support of extraction sheaths during challenging lead extraction procedures.<sup>1</sup>



Order Number	Reference Part Number	Overall Length cm	Active Length cm	Locking Range Diameter inch	Quantity
<b>Liberator® Beacon® Tip Locking Stylet</b>					
G26550	LR-OFA01	140	70	.016-.032	1
<b>One-Tie® Compression Coil</b>					
G31929	LR-OTE-N	-	-	-	5
<b>Bulldog™ Lead Extender</b>					
G46542	LR-LED01	70	-	-	1

1. Christoph T. Starck, Alexander Stepuk, Tomas Holubec, Jan Steffel, Jan Wendelin Stark, Volkmar Falk, Compression coil provides increased lead control in extraction procedures, *EP Europace*, March 2015;17(3):499-503. <https://doi.org/10.1093/europace/euu272>

### Customer Service

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