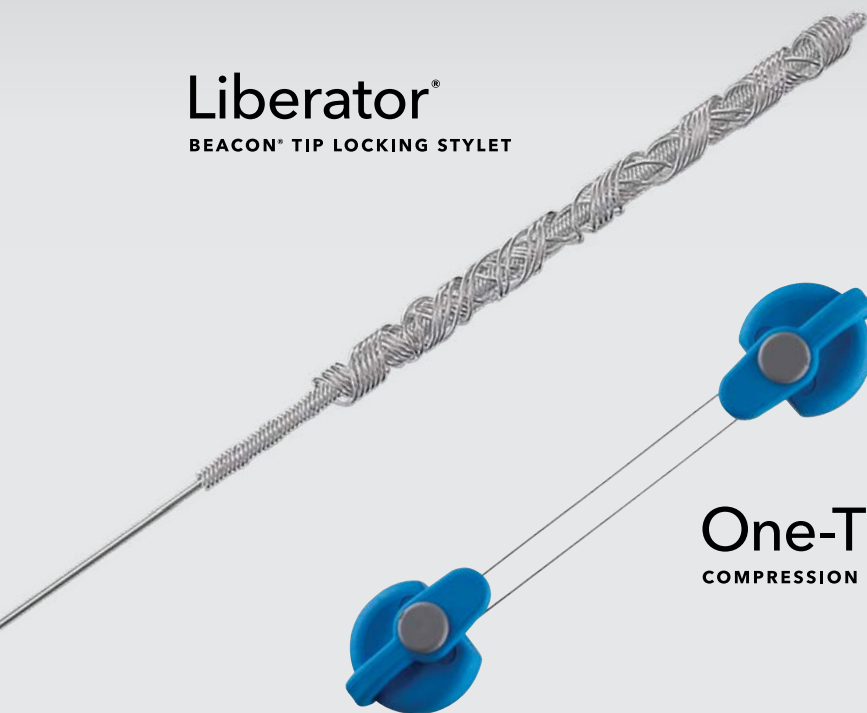


Control your entire lead

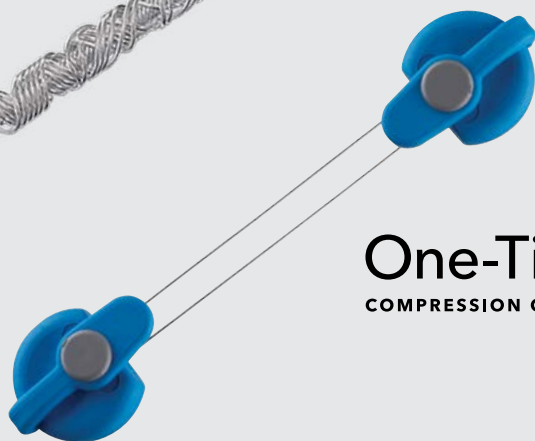
Liberator[®]

BEACON[®] TIP LOCKING STYLET



One-Tie[®]

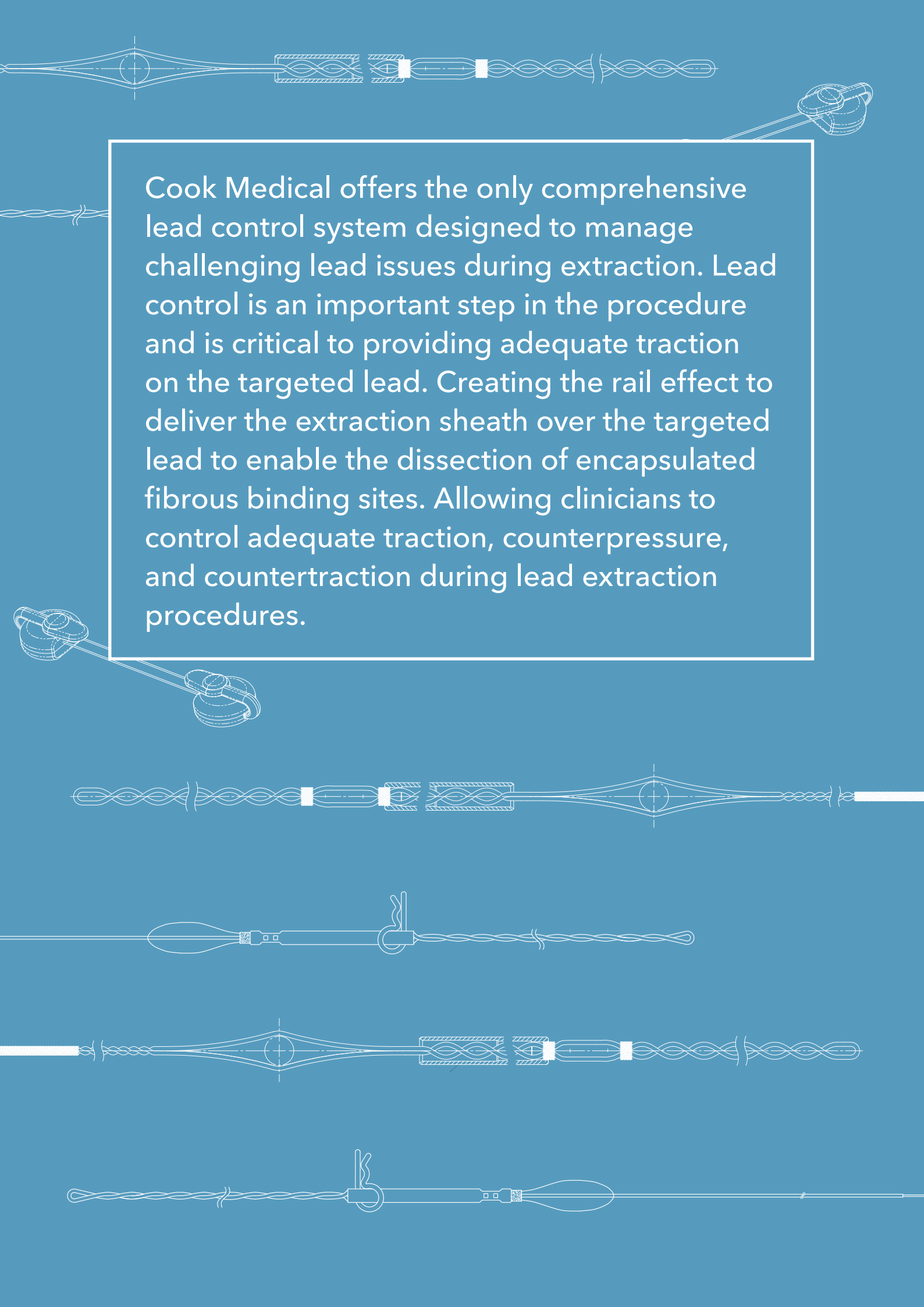
COMPRESSION COIL



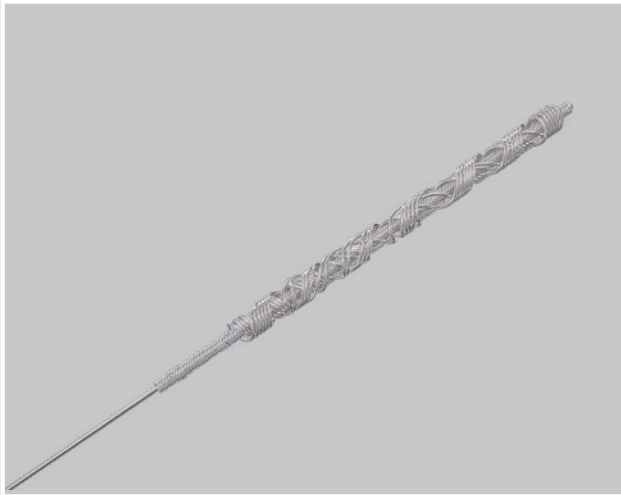
Bulldog[™]

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 to enable the dissection of encapsulated fibrous binding sites. Allowing clinicians to control adequate traction, counterpressure, and countertraction during lead extraction procedures.



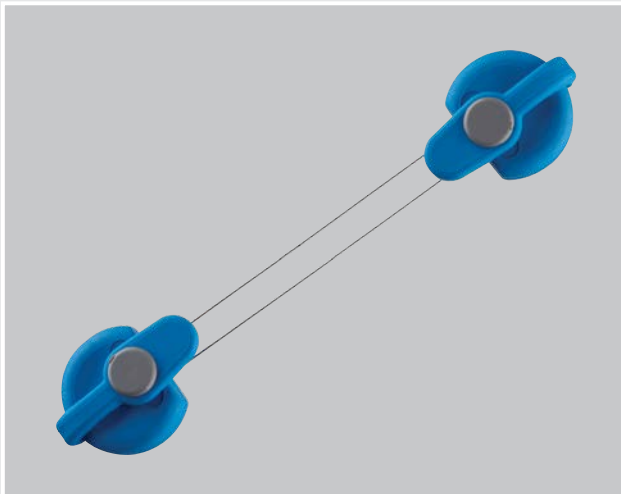
Liberator® Beacon® Tip Locking Stylet

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 distally as it progresses through 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



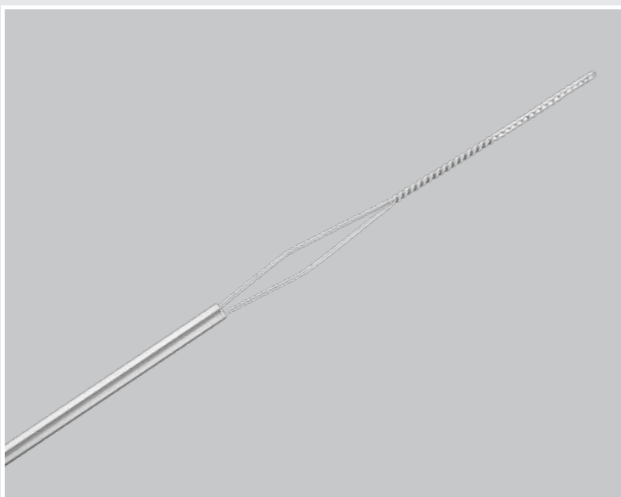
One-Tie® Compression Coil

Increased lead control¹

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

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*, Volume 17, Issue 3, March 2015, Pages 499-503, <https://doi.org/10.1093/europace/euu272>

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.¹



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

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*, Volume 17, Issue 3, March 2015, [Pages 499-503](#), <https://doi.org/10.1093/europace/euu272>

Customer Service

EU Website: cookmedical.eu
 EDI: cookmedical.eu/edi
 Distributors: +353 61239240, ssc.distributors@cookmedical.com
 Austria: +43 179567121, oe.orders@cookmedical.com
 Belgium: +32 27001702, be.orders@cookmedical.com
 Denmark: +45 38487607, da.orders@cookmedical.com
 Finland: +358 972519996, fi.orders@cookmedical.com
 France: +33 171230269, fr.orders@cookmedical.com
 Germany: +49 6950072804, de.orders@cookmedical.com
 Iceland: +354 8007516, IS.orders@cookmedical.com
 Ireland: +353 61239252, ie.orders@cookmedical.com
 Italy: +39 0269682853, it.orders@cookmedical.com
 Netherlands: +31 202013367, nl.orders@cookmedical.com
 Poland: +48 223060159, pl.orders@cookmedical.com
 Spain: +34 912702691, es.orders@cookmedical.com
 Sweden: +46 858769468, se.orders@cookmedical.com
 Switzerland - French: +41 448009609, fr.orders@cookmedical.com
 Switzerland - Italian: +41 448009609, it.orders@cookmedical.com
 Switzerland - German: +41 448009609, de.orders@cookmedical.com
 United Kingdom: +44 2073654183, uk.orders@cookmedical.com

USA Website: cookmedical.com
 EDI: cookmedical.com/edi.do
Americas:
 Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335
 E-mail: customersupport@cookmedical.com
Australia:
 Phone: +61 734346000, 1800777222, Fax: +61 734346001, 1800077283
 E-mail: cau.custserv@cookmedical.com



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