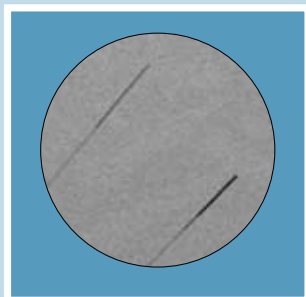




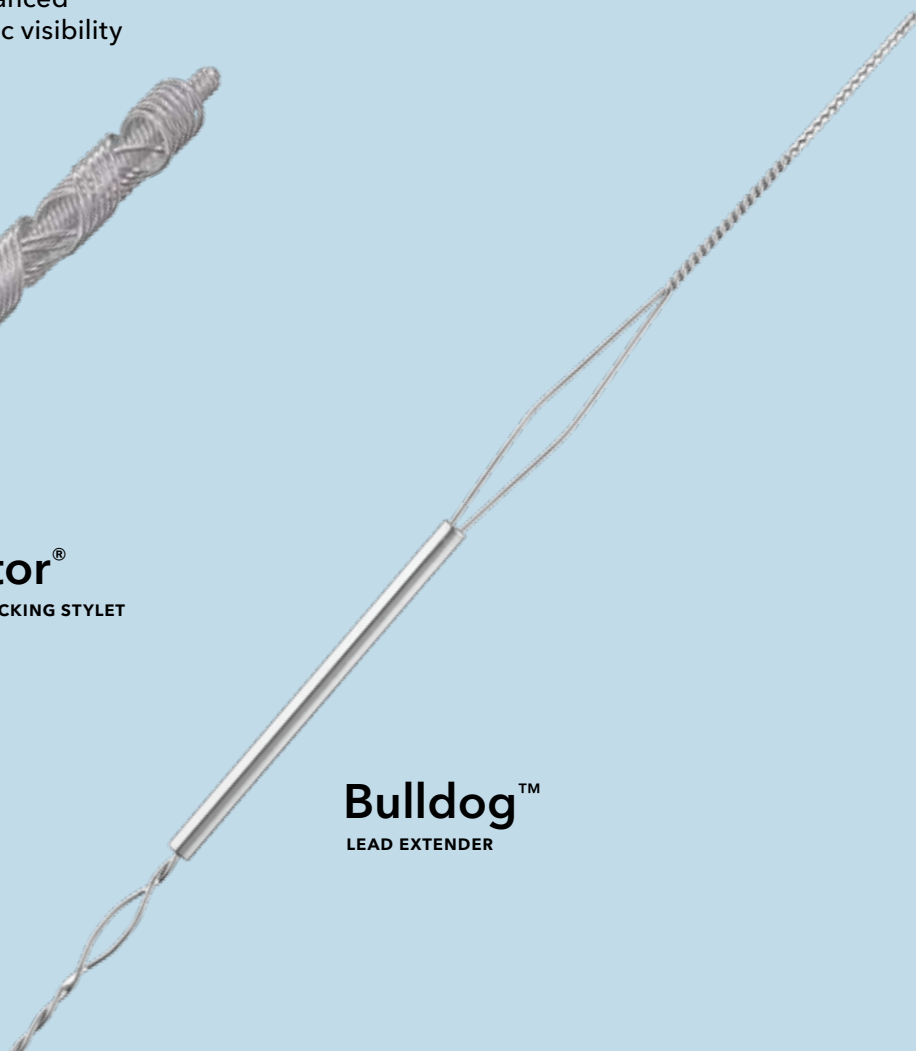
DEVICES FOR CARDIAC LEAD CONTROL



Newly enhanced
fluoroscopic visibility



Liberator[®]
BEACON[®] TIP LOCKING STYLET



Bulldog[™]
LEAD EXTENDER

Advance extraction
sheaths with confidence.

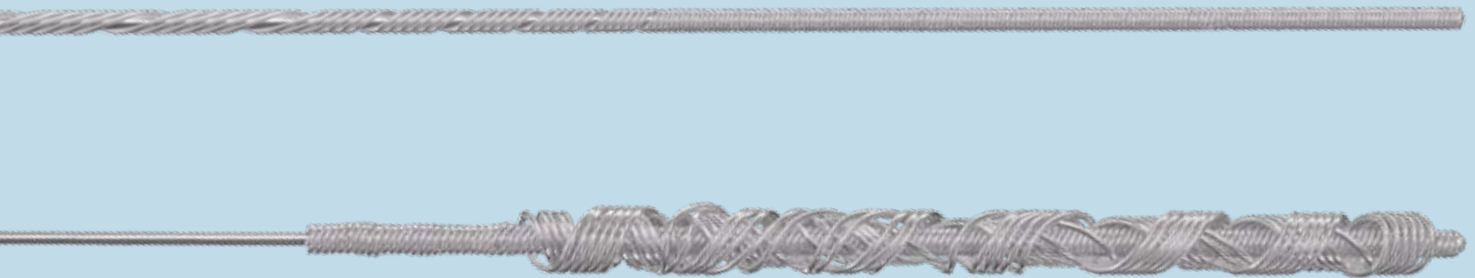




Liberator[®]

BEACON[®] TIP LOCKING STYLET

The Liberator Beacon Tip Locking Stylet, now with enhanced radiopacity, assists in the removal of cardiac leads, indwelling catheters and foreign objects with a central lumen. It can firmly grasp the distal end of the coil and help establish the "rail effect" for passage of a dilator sheath.



Liberator Beacon Tip Locking Stylet can be inserted through a cardiac lead's conductor lumen once the proximal connector has been removed.

Latch-pin mechanism ensures the cannula activator stays positioned during advancement of the Liberator through the coil lumen.

Collapse-resistant stainless steel loop allows the lead body's attachment suture to be tied back.

64 cm integral wire extender facilitates delivery of sheaths without the need for a hook stylet.



DEVICES FOR CARDIAC LEAD CONTROL

Liberator Beacon Tip Locking Stylet

Assists in the removal of cardiac leads, indwelling catheters and foreign objects with a central lumen. This specialized stylet can be inserted through a cardiac lead's conductor lumen once the proximal connector has been removed. The stylet can then be locked into position, firmly grasping the distal end of the lead. The Liberator grasps leads with lumen diameters of .016 to .032 inches.

Bulldog Lead Extender

Aids in the removal of lumenless cardiac leads or those that contain cable conductor wires, such as ICD leads. The Bulldog extends the lead so it can be pulled into a sheath. Once the loop is slipped over the end of the lead or cable conductors, the metal sleeve is advanced over the loop to firmly grasp the lead, facilitating removal.

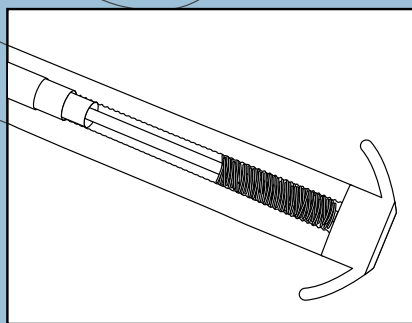
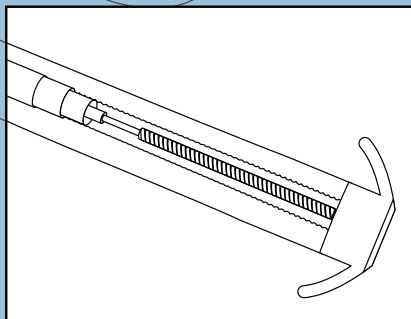
Order Number	Reference Part Number	Overall Length cm	Active Length cm
Liberator Beacon Tip Locking Stylet			
G26550	LR-OFA01	140	70
Bulldog Lead Extender			
G46542	LR-LED01	70	

Not all part numbers shown on this product information sheet may be approved for sale in all regulatory jurisdictions. Consult with your local Cook representative or customer service center for details.

Liberator and Bulldog are components of Cook Medical's comprehensive approach to percutaneous cardiac lead extraction.

Liberator features include:

- Newly enhanced fluoroscopic visibility
- Ability to grasp leads with lumen diameters of .016 to .032 inches
- Strong, positive grip
- Threadable handle
- Positive luminal tracking
- Ease of use



Patented compressed-coil locking mechanism with sliding cannula activator focuses the locking action at the distal end of the lead.

The Rail Effect

Passing a sheath over an unsupported lead may cause the lead to kink or stretch, thus preventing the sheath from successfully advancing along the lead's body toward the distal end. The Liberator Beacon Tip Locking Stylet provides central support for the lead and guides the sheath to its desired destination, just as railway tracks do for a train. This is known as the "rail effect."

The ability of the Liberator to lock as close as possible to the distal tip maintains the rail effect for the entire length of the lead, making the Liberator an essential component of all transvenous lead extraction modalities, including:

- The Evolution® Lead Extraction™ System, with sheath technology that features trigger-operated rotation of a threaded tip that can reach the implant site and disrupt adhesions without a forward depth of cut
- Other mechanical extraction tools
- Powered sheaths

The Bulldog[™] Lead Extender aids in the removal of 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.

Bulldog features include:

- Secure and easy-to-use locking mechanism
- Compatibility with all Cook Medical dilator sheath sets
- Threadable handle

Smaller aperture provides anchoring site to tie outer portion of lead to Bulldog.

Larger aperture allows insertion and capture of exposed lead or cable conductors.

Advancing metal sleeve closes larger aperture, folds lead and covers it to achieve secure hold and facilitate removal.

AORTIC INTERVENTION
CRITICAL CARE
ENDOSCOPY
INTERVENTIONAL RADIOLOGY
LEAD MANAGEMENT
PERIPHERAL INTERVENTION
SURGERY
UROLOGY
WOMEN'S HEALTH



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