An anatomical illustration of a human heart, showing the major blood vessels. A lead extraction system is shown inserted into a vein. The system consists of a black outer sheath and a yellow, brush-like inner catheter. The brush is positioned against the lead, which is being pulled back into the sheath. The heart is shown in a cross-section, with the red muscle and blue vessels clearly visible.

Evolve your Lead Extraction™ procedures with controlled bidirectional rotation

Evolution® RL
LEAD EXTRACTION™ SYSTEM

EVOLUTION RL LEAD EXTRACTION SYSTEM

After receiving feedback from clinicians around the world, we've updated the Evolution® RL and Evolution Shortie RL Controlled-Rotation Dilator Sheath Sets. To give you more control during the lead extraction procedure, Cook has added three new features to the already innovative line of Evolution devices: a bi-rotational sheath; a low-profile, decagonal tip; and a responsive trigger. These three features allow you to focus on the primary task of safely removing problematic leads and also lessen the distractions that companion leads or suboptimal lead positioning can cause. The Evolution RL line of extraction sheaths combine engineering expertise with the procedural knowledge that physicians have come to expect from Cook Medical.

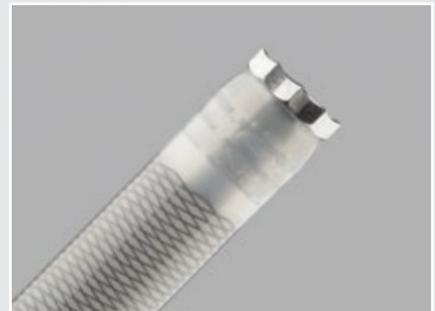
Bi-rotational Sheath

- Rotate in alternating directions or continuously in either direction.
- Rotate fully or partially, depending on the length of the trigger pull.
- Resist kinking with a durable braided inner sheath.



Decagon-Shaped Tip

- Avoids tissue wrap and deflects companion leads.
- Maintains forward progression whether it rotates right or left.
- Has a low profile.



Responsive, Contoured Handle

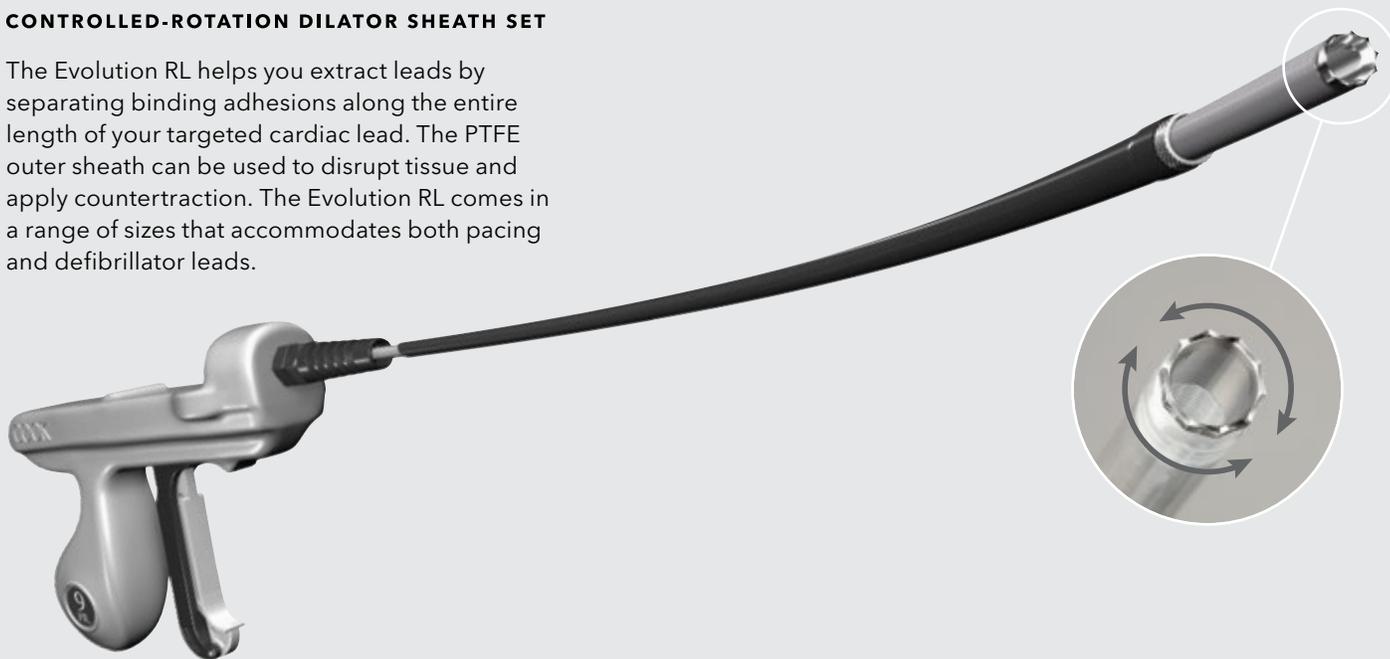
- Centered position of the the sheath makes the device friendly to both right- and left-handed users.
- Intuitive two-stage trigger changes the direction of rotation without buttons or switches.
- Rotation indicator clearly indicates the direction of rotation.



Evolution® RL

CONTROLLED-ROTATION DILATOR SHEATH SET

The Evolution RL helps you extract leads by separating binding adhesions along the entire length of your targeted cardiac lead. The PTFE outer sheath can be used to disrupt tissue and apply countertraction. The Evolution RL comes in a range of sizes that accommodates both pacing and defibrillator leads.



Evolution® Shortie RL

CONTROLLED-ROTATION DILATOR SHEATH SET

Designed specifically for vessel entry, the Evolution Shortie RL dilates scarred or calcified tissue bidirectionally around the targeted cardiac lead. The proprietary shape of the Evolution Shortie RL's decagonal tip allows the device to easily enter a vessel. The tabs on the outer sheath allow you to peel the sheath away more easily, so you can retain wire guides and, if necessary, reimplant the lead. The Evolution Shortie RL's shorter sheath gives you greater control.



Evolution® RL

LEAD EXTRACTION™ SYSTEM

Order Number	Reference Part Number	Inner Sheath ID Fr
Evolution RL		
G23737	LR-EVN-9.0-RL	9.0
G23746	LR-EVN-11.0-RL	11.0
G23747	LR-EVN-13.0-RL	13.0

Evolution RL is compatible with the following:		Compatible Sheath Fr
SteadySheath Evolution Tissue Stabilization Sheath		
G25082	LR-TSS-9.0	9.0
G25083	LR-TSS-11.0	11.0
G25084	LR-TSS-13.0	13.0

Evolution Shortie RL		Inner Sheath ID Fr
G23748	LR-EVN-SH-9.0-RL	9.0
G23749	LR-EVN-SH-11.0-RL	11.0

Evolution Shortie RL is compatible with the following:		Compatible Sheath Fr
SteadySheath Evolution Shortie Tissue Stabilization Sheaths		
G31908	LR-TSS-SH-9.0	9.0
G31923	LR-TSS-SH-11.0	11.0

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

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