

Interlock and IDC Detachable Embolization Coils

Interlock-35 Fibered IDC Occlusion System

Interlock-18 Fibered IDC Occlusion System

IDC-18 Soft Interlocking Detachable Coil

Pre-clinical study results on how Embolic Coil Design affects Embolic Efficacy



Interlock™-35 Fibered IDC™ Occlusion System

The Interlock-35 Fibered IDC Occlusion System is designed to offer precision and control in combination with powerful thrombogenicity. Compatible with 5F selective diagnostic catheters, the 0.035" large volume and heavily fibered system is beneficial especially in large, proximal vessels. The interlocking arms allow the coil to be advanced and retracted before final placement, for security in embolization procedures.

Key Resources

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Product Details

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Shapes

2D		The 2D Helical shape is designed to provide optimal anchorability, as the helical shape allows the coil to be in constant, consistent contact with the wall of straight or tapered vessel.
Diamond		The Diamond shape is designed to maximize occlusive power by tapering the distal and proximal ends of the coil, maximizing cross-sectional flow disruption.
Cube		The Cube shape is designed to provide circumferential wall apposition and framing capability. The cube shape also provides cross-sectional filling, beneficial for use in aneurysms and packing large vessels.

Fibered for Thrombogenicity Power



Interlock's dense network of fibers

- Every coil contains multiple dense networks of synthetic fibers, each designed to catch blood cells and propagate the formation of thrombus.
- A close-up image of synthetic fibers (left) shows that the structure of the fiber strands are robust, yet porous, allowing for rapid thrombosis.

Catheter Compatibility

The Interlock-35 Coil is recommended for use with a 5F (1.70mm) diagnostic catheter - 0.035 in (0.89mm) or 0.038 in (0.97mm) inner lumen, such as Imager™ II Catheter without side flushing holes. Use of soft-wall catheter is not recommended due to significant resistance that could be encountered during advancement.

[More Details](#)



Imager II Angiographic Catheter

Coil Preparation



Flushing the luer attached to the carrier hoop enables **coil hydration** before insertion into the catheter.



Side holes in the distal portion of the introducer sheath allow **hydration** through the rotating hemostatic valve (RHV or touhy-bourst valve). This hydration **helps to limit thrombus formation** in the catheter lumen during coil advancement.



Nitinol pusherwire designed for **control, strong pushability, and resistance to kinking** when advancing and retracting the coil.

Interlock-35 Deployment Videos



Deployment Video - Continuous Flush



Deployment Video - Hand Flush

See how to deploy the Interlock-35: Watch the Interlock-35 Deployment Video - Continuous Flush

See how to deploy the Interlock-35: Watch the Interlock-35 Deployment Video - Hand Flush

Ordering Information

2D Configurations

UPN	Description	Diameter (mm)	Length (cm)	Shape
M001363500	Interlock - 35 Coil	3	4	2D
M001363520	Interlock - 35 Coil	4	10	2D
M001363540	Interlock - 35 Coil	6	10	2D
M001363550	Interlock - 35 Coil	6	20	2D
M001363570	Interlock - 35 Coil	8	10	2D
M001363580	Interlock - 35 Coil	8	20	2D
M001363590	Interlock - 35 Coil	8	40	2D
M001363600	Interlock - 35 Coil	10	20	2D
M001363610	Interlock - 35 Coil	10	40	2D
M001363620	Interlock - 35 Coil	12	20	2D
M001363630	Interlock - 35 Coil	12	40	2D
M001363640	Interlock - 35 Coil	15	20	2D
M001363650	Interlock - 35 Coil	15	40	2D
M001363660	Interlock - 35 Coil	18	20	2D
M001363670	Interlock - 35 Coil	18	40	2D

Cube Configurations

UPN	Description	Diameter (mm)	Length (cm)	Shape
M001363700	Interlock - 35 Coil	4	6	Cube
M001363720	Interlock - 35 Coil	6	10	Cube
M001363730	Interlock - 35 Coil	6	20	Cube
M001363760	Interlock - 35 Coil	8	20	Cube

M001363790	Interlock - 35 Coil	10	25	Cube
M001363800	Interlock - 35 Coil	10	40	Cube
M001363810	Interlock - 35 Coil	15	25	Cube
M001363820	Interlock - 35 Coil	15	40	Cube
M001363830	Interlock - 35 Coil	20	40	Cube

Diamond Configurations

UPN	Description	Diameter (mm)	Length (cm)	Shape
M001363910	Interlock - 35 Coil	4	4.5	Diamond
M001363920	Interlock - 35 Coil	6	9	Diamond
M001363930	Interlock - 35 Coil	8	14	Diamond

Additional Resources

View by

A-Z

Newest



Mar 03, 2016
[2015 Endovascular Today Supplement - Overcoming Global Procedural Challenges: Liver Cancer, Gastric Varices, and Enlarged Prostate](#)
PDF, 6.0 MB



Nov 19, 2019
[Case Study: Needle- and Microcatheter-Guided Coiling of a 6-cm Internal Iliac Artery Aneurysm](#)
A 63-year-old male patient presented with a large, 6-cm traumatic aneurysmal arteriovenous fistula of the left internal iliac artery. PDF, 12.0 MB



Aug 30, 2016
[Case Study: Repositioning Direxion™ Without a Wire in Two Advanced Embolization Cases](#)
PDF, 605.0 KB



Mar 04, 2016
[Interlock-35 Deployment Guide \(Continuous Flush\)](#)
PDF, 2.0 MB



Mar 04, 2016
[Interlock-35 Deployment Guide \(Hand-Flush\)](#)
PDF, 1.0 MB



Mar 03, 2016
[Interlock-35 Product Brochure](#)
PDF, 4.0 MB



Aug 30, 2016
[Pelvic Congestion Syndrome \(PCS\) Therapeutic Options](#)
PDF, 854.0 KB

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CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician. Rx only. Prior to use, please see the complete "Directions for Use" for more information on Indications, Contraindications, Warnings, Precautions, Adverse Events, and Operator's Instructions.

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