

Electrolytic eCLIPs™ Bifurcation System

Product Introduction

2020-05-28

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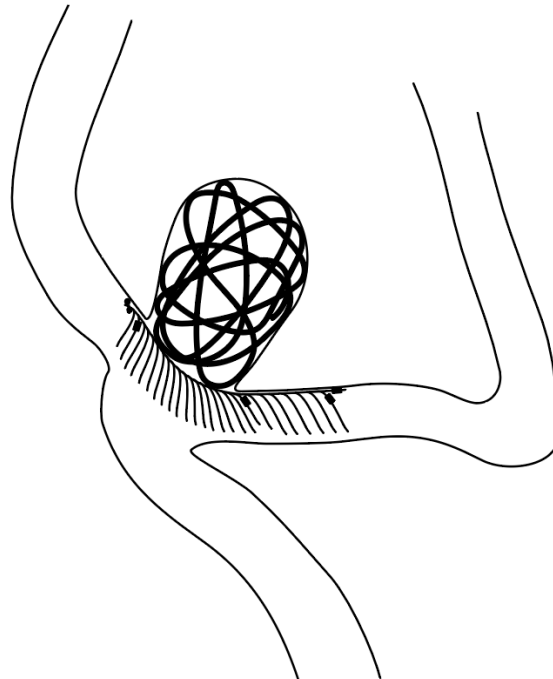


Agenda

- System Overview
- Improvements from 1st to 2nd Generation
- Compatible Accessories
- Deployment Sequence
- Simulated Use Video Demo
- Clinical Examples

Device Description

The Electrolytic eCLIPs™ Implant is a permanent implant that provides an **initial framework or scaffold** at the opening of an aneurysm in **support of embolic coils** and to provide an **ancillary flow diverting effect**.

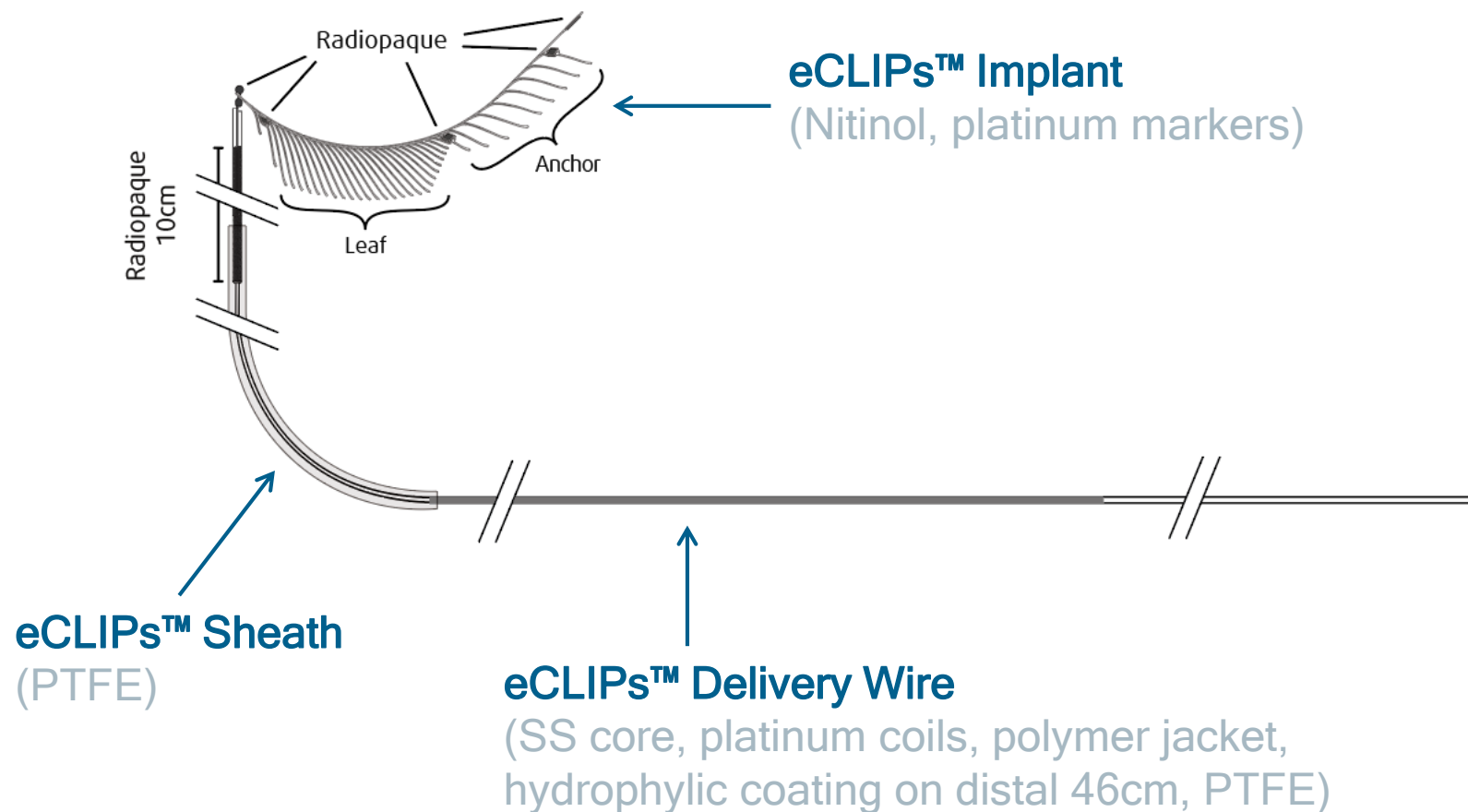


Design Features



- Non-circumferential implant for minimal amount of metal in vessel
- No foreshortening
- Fully deployable/retractable (up to 6x)
- Spine self-aligns to outer curve of catheter

System Components



Note: Tip curve not shown

Design Changes from 1st to 2nd Generation

1. Reduced system format to **reach more distal anatomy** (e.g. MCA and AComm bifurcation aneurysms)
2. Improved **usability** (simplified Implant delivery)

1. Reduced system format

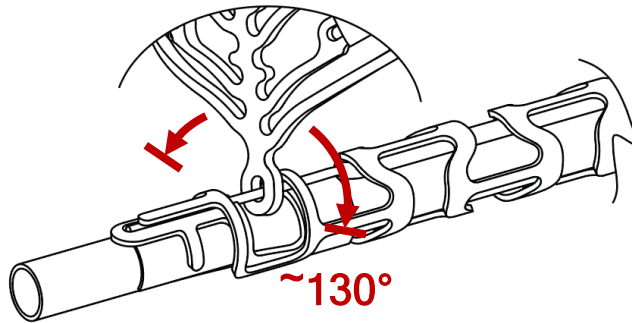
- Two sizes: 0.027" or 0.021" ID catheter compatible, depending on Implant size
- For vessels as small as 1.5mm diameter
- Additionally, wider neck breadth for 027 System

Feature	SYSS-0026 (1 st Gen)	SYSS-0036 (2 nd Gen: 027 System)	SYSS-0037 (2 nd Gen: 021 System)
Unconstrained Implant Anchor Diameter	3.6mm	3.6mm	3.15mm
Leaf Length/Overall Implant Length	7.5mm / 16.0mm	7.5mm / 16.5mm	6.5mm / 15.4mm
Recommended Anchoring Branch Vessel Diameter	2.00mm - 3.25mm	1.50mm - 3.25mm	1.5mm - 2.5mm
Recommended Aneurysm Neck Length	≤ 6.0 mm	≤ 6.0 mm	≤ 5.0 mm
Recommended Aneurysm Neck Breadth	≤ 4.25 mm	≤ 4.75 mm	≤ 4.00 mm
Delivery Wire Overall Length	178cm	196cm	196cm
Compatible Catheter Inner Diameter	0.86mm (0.034")	0.69mm (0.027")	0.53mm (0.021")

2. Improved usability

1st Gen

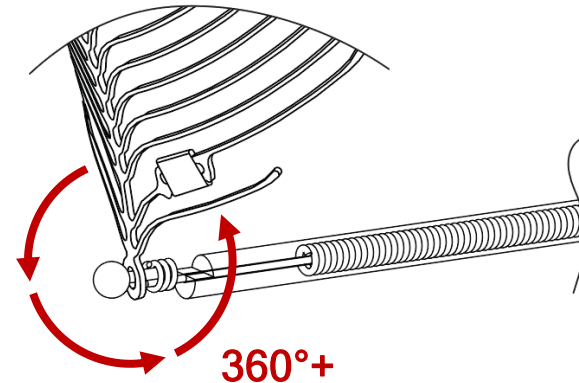
- Hypotube + OTS guidewire design
- Implant rotationally coupled to pusher



- Mechanical detachment
- Requires a guidewire and extra continuous flush

2nd Gen

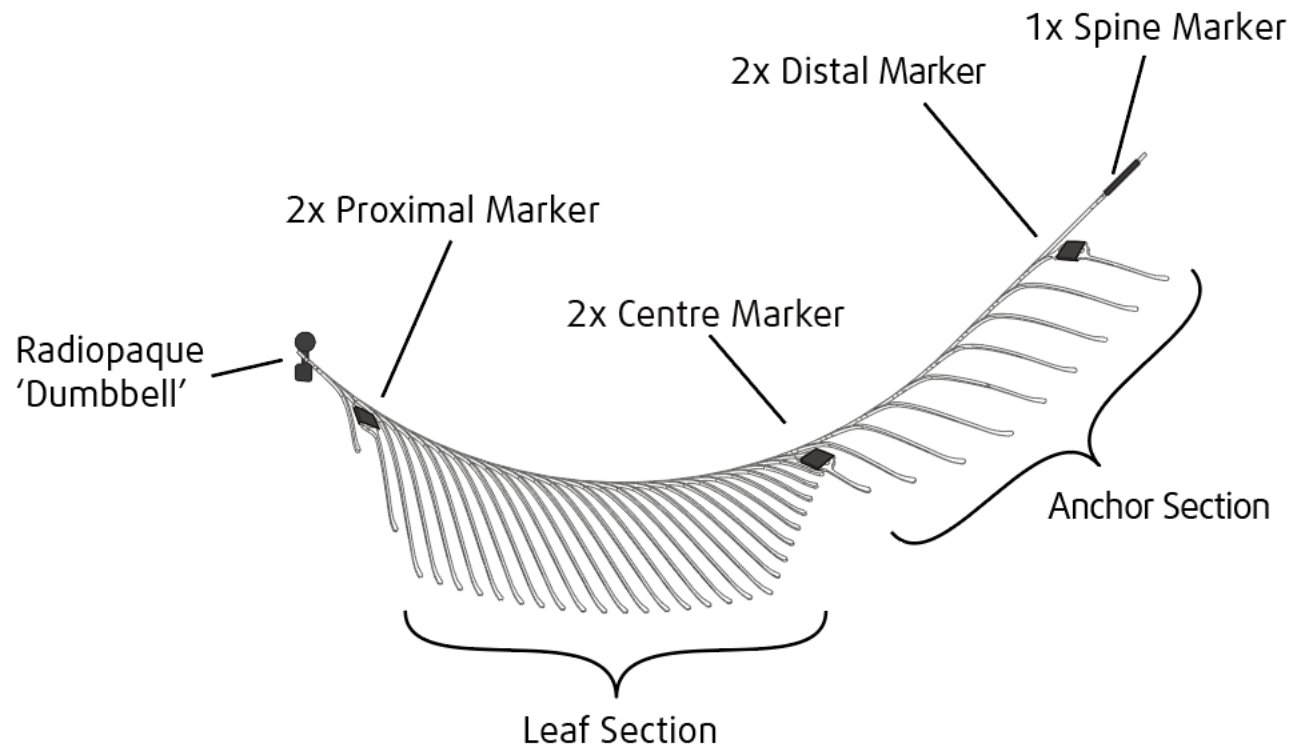
- Guidewire-like design, torqueable and shapeable
- Implant fully decoupled



- Electrolytic detachment
- Simplified, coil-like prep

2. Improved usability (continued)

- Softer Delivery Wire caters to Implant's natural position
- Additional Spine Marker and 'Dumbbell' indicate Implant spine:



Compatible Catheters

SYSS-0036 (027 System)

- Microvention Headway® 27
- Stryker Excelsior® XT-27
- Medtronic Phenom™ 27

SYSS-0037 (021 System)

- Microvention Headway® 21
- Codman/Cordis Prowler® Select Plus

Note: Refer to the IFU for more recommended accessories

Compatible Detachers



Medtronic Solitaire™ Detachment System (REF NDS-2X or NDS-2)
with accessory cable set
(REF CSS-2.75-1X)



Stryker Target InZone™ Detachment System (REF 451009-5)
with accessory grounding cable
(REF 451102-5)

Deployment Sequence

CT-0057 Appendix D: Electrolytic
eCLIPs Deployment Sequence

A decorative horizontal line with a wavy pattern in blue and green colors, spanning the width of the slide.

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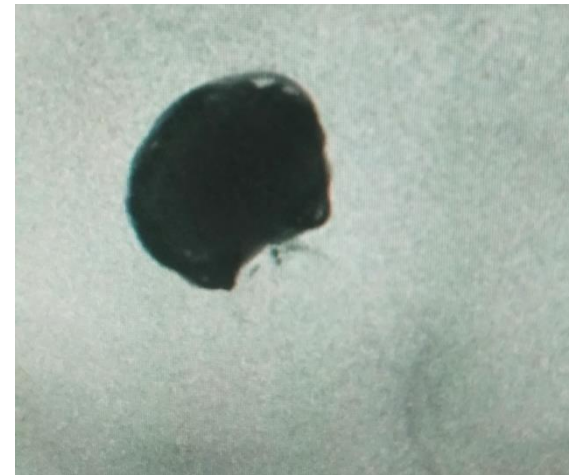
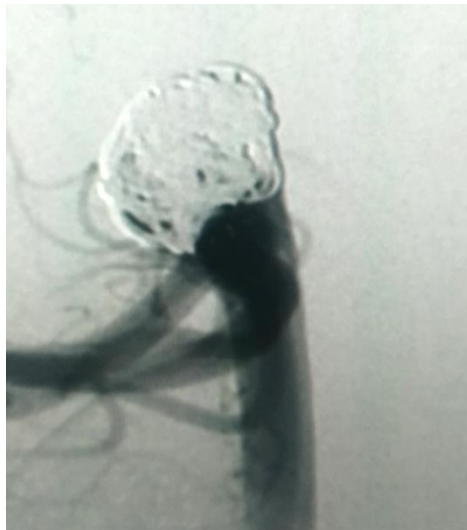
Simulated Use Video Demo



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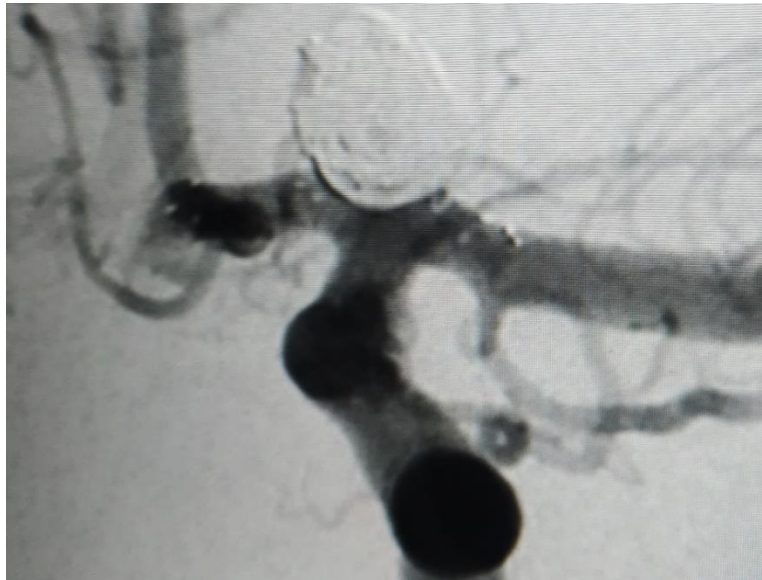
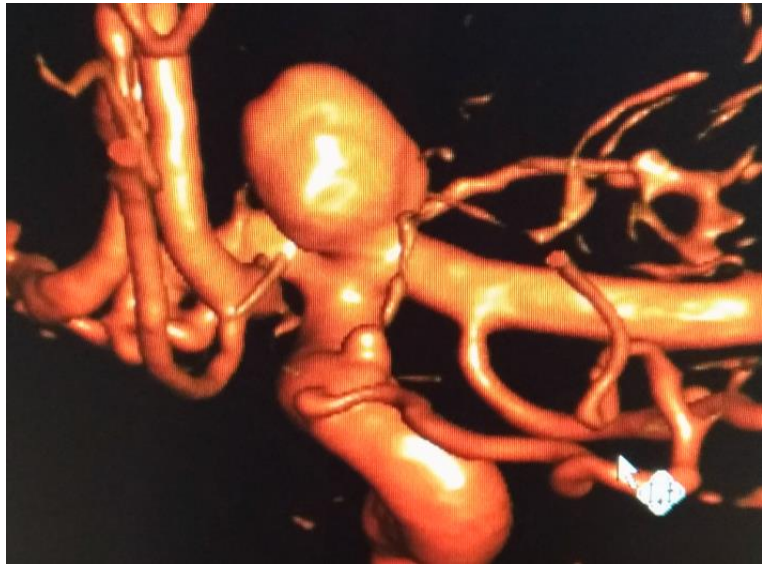


Basilar Tip: Edmonton, 2019-12-18



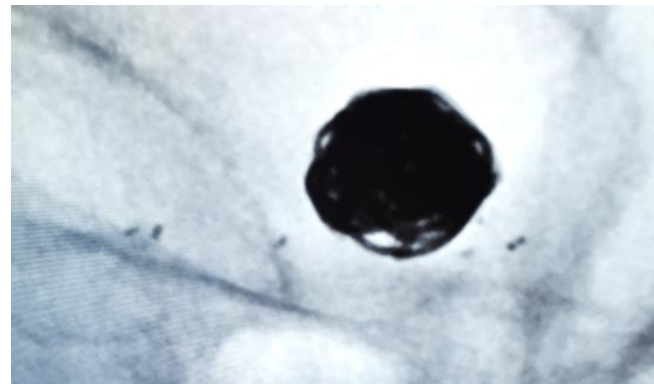
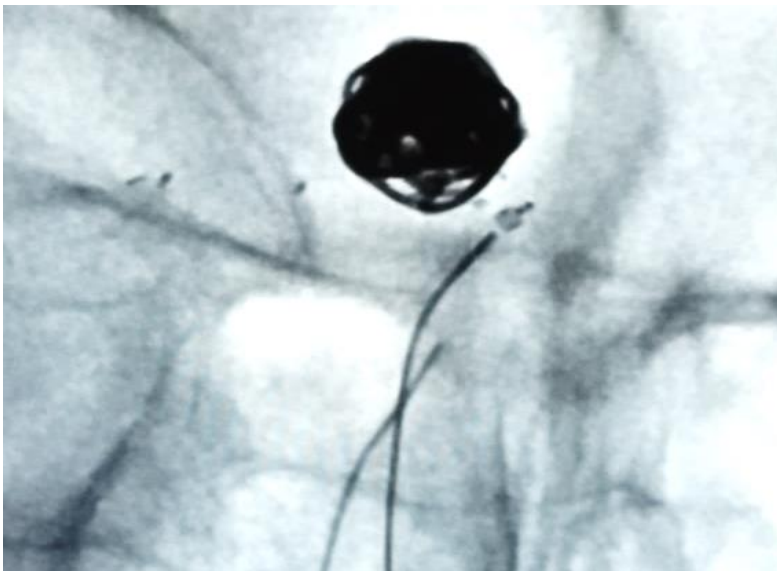
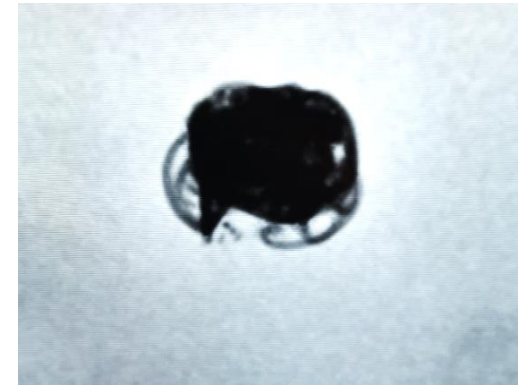
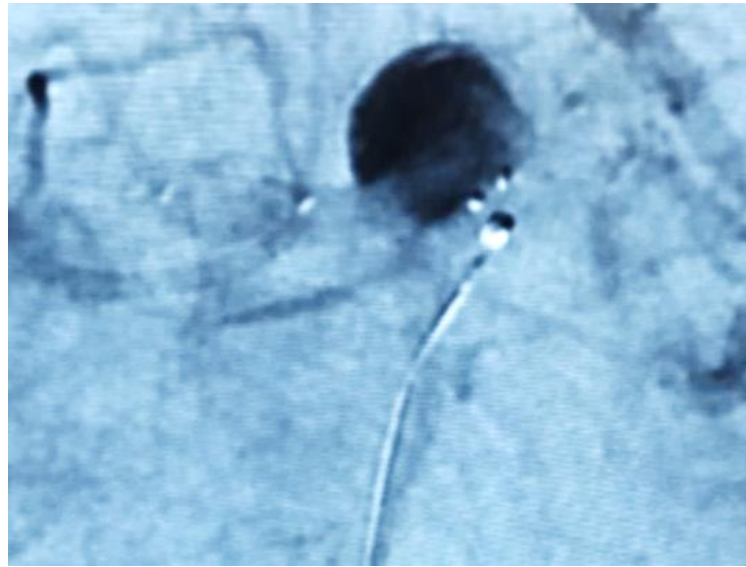
Courtesy of Dr. Cian O'Kelly

ICA Terminus: Edmonton, 2020-02-12



Courtesy of Dr. Cian O'Kelly

Basilar Tip: Quebec City, 2020-03-10



Courtesy of Dre. Geneviève Milot

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Questions/Comments