

Codman Neurovascular Microcoils



Set The Stage For Success

Codman Neurovascular Microcoils deploy outward, one loop at a time, toward the aneurysm wall. Outward loop deployment allows the entire coil to conform to the shape of each individual aneurysm and provides an open core, which minimizes "section" or "segment" coiling and potentially reduces compaction. Studies have shown the clinical benefits of using spherical or complex coils sequentially in a concentric or Russian Doll[®]-like manner to create a stable basket for the aneurysm to best achieve a densely packed complete occlusion.

Potential Benefits of Concentric Filling

- Biomechanical stability^{†,‡}
- Equilateral neck coverage[‡]
- Optimal packing[‡]

Frame

may lead to

- Decreased compaction[†]
 Reduced recanalization[†]
- † Wakhloo AK. AJNR. 2007;28:1395-1400. ‡ Vallee JN. AJNR. 2004;25;298-306.

Stable Frames

Codman Neurovascular PRESIDIO[®] and MICRUSPHERE[®] Framing Coils provide a stable, predictable frame while leaving an open inner core ready for your next coil. The anatomically compliant frame and high shape memory of the PRESIDIO and MICRUSPHERE coils are designed to provide robust scaffolding and optimal neck coverage while minimizing the risk of frame deformation³ or coil protrusion.

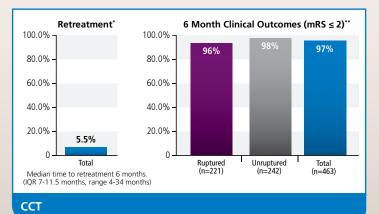




PRESIDIO

MICRUSPHERE

The CCT has demonstrated low retreatment rates and excellent clinical outcomes.



Conformable Frames

Codman Neurovascular CASHMERE[®] and ORBIT GALAXY[®] Coil Complex shapes are designed to comply with the wall of the aneurysm while remaining clear of the parent vessel.

TRUFILL® DCS ORBIT® Complex Registry: The Complex Registry has demonstrated outstanding packing density and low retreatment rates with TRUFILL DCS and TRUFILL DCS ORBIT coils.



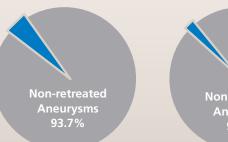


CASHMERE

ORBIT GALAXY

Retreatment Rates: TRUFILL DCS ORBIT[®] Complex Registry Midterm Results 37 Centers/42 Physicians. High Packing Density: 31%

Total Aneurysms Retreated Aneurysms: 6.3% (11 of 174)



Small Aneurysm Subgroup^s Retreated Aneurysms: 4.3% (6 of 138)



* Molyneux AJ. WFITN 2011.

**Coley S. AJNR 2011 Dec 29 (epub ahead of print).

[§] Aneurysms < 10 mm (both small neck and wide neck).

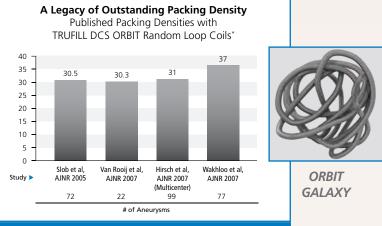
Bendok BR, Rahme RJ. J NeuroIntervent Surg (2011). doi:10.1136/neurintsurg-2011-010118.

Seek and Fill Open Space Pack Densely & Uniformly

Codman Neurovascular Fill Coils feature innovative technology designed to promote complete, homogeneous aneurysm filling.

TRUSEEK[™] Technology

ORBIT GALAXY stretch resistant fill coils feature a proprietary complex shape with random break points, enabling the coil to conform to an aneurysm periphery or change direction to seek out and fill open spaces in aneurysms, delivering outstanding packing density.



*Packing densities achieved prior to introduction of stretch resistance and XTRASOFT[™] finishing coils.

Studies referenced include different criteria and patient populations.

Proof is in the PAQ

Bernard Bendok, M.D., and Matt Gounis, PhD, et al. led a physician driven, blinded, in-vitro experiment to angiographically assess the impact that a DELTAWIND Microcoil may make on packing density and coil uniformity throughout the aneurysm.

Greater Overall Coil Uniformity

DELTAWIND Microcoils were found to occlude the aneurysm model with better overall coil uniformity.

Additionally, the angiographic assessment showed DELTAPAQ was more likely to obtain a Raymond score of class 1.

Circular wind coil



DELTAWIND coil

DELTAWIND[™] Microcoil Technology

A Fundamental Change in Coil Wind Technology

DELTAWIND Microcoil technology breaks 30 years of circular coil tradition by fundamentally changing the shape of the initial wind. This triangular wind shape rotates a series of microscopic "DELTA[™] rings" which precess along the coil wind, resulting in a coil with the

ability to pack uniformly and facilitate increased packing density.



DELTAPAQ® Microcoil

Finish Fill Remaining Spaces

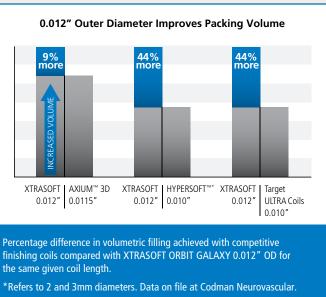
Codman Neurovascular offers a variety of unique shapes to softly fill remaining spaces and help achieve a great finish every time.

12 System – Complex and Efficient

ORBIT GALAXY stretch resistant XTRASOFT finishing coils feature a proprietary complex shape with random break points, delivering a unique ability to seek out and fill open spaces at the end of a coiling procedure. XTRASOFT is the first finishing coil available in a 0.012" OD, enabling dense and efficient packing.



XTRASOFT ORBIT GALAXY



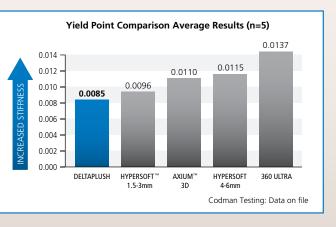
10 System – For Accessing the Tightest of Spaces

Unique triangular primary wind provides natural deflection points, allowing the coil to change direction more easily.

As a result, DELTAPLUSH[®] microcoil has the lowest yield point of finishing coils tested.



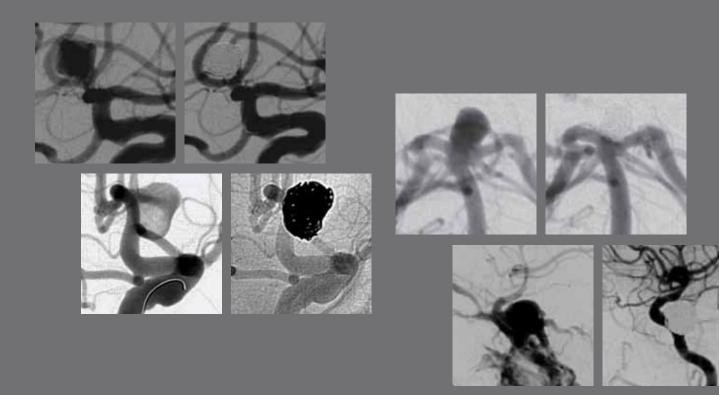
DELTAPLUSH



Shape Matters

From the precise placement of your first microcoil to the gentle touch of the last finishing coil, shape matters. Aneurysms come in many shapes and sizes, and tailoring the treatment strategy to the aneurysm requires a diverse range of coil shapes, sizes and lengths to match. Codman Neurovascular has a coil for each situation you encounter and an array of options for the effective treatment of aneurysms. You can depend on Codman Neurovascular Microcoils to help achieve aneurysm stability, effective neck coverage, uniform, dense packing and excellent clinical outcomes.









More Metal. More Volume. One Coil.

The PRESIDIO[®] Microcoil combines the structure of a framing coil and the conformability of a filling coil, offering fast and dense FRILLING[™]. When compared to MICRUSPHERE[®] Microcoils, its longer lengths and soft transition zones are designed to deliver:

- Superior coil coverage across neck
- Stable scaffolding with an open inner core
- Improved packing volumes per coil
- Comprehensive Russian Doll[®] Filling

PRESIDIO Microcoil 10 System







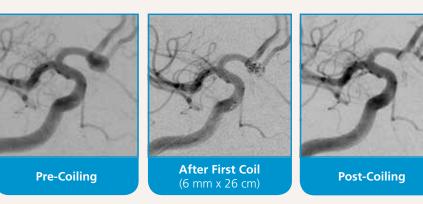


Clinical Case Experience

• PRESIDIO microcoil



Wide-Neck ACA Aneurysm (6 mm x 7 mm)



Case study courtesy of Dr. Yoo, Massachusetts General Hospital, Boston, MA

PRESIDIO

PRESIDIO

Catalog Number

PC418083030

PC418093330

PC418103430

PC418113730

PC418124030

PC418134330

PC418144730

PC418155030

PC418164730

PC418175030

PC418184630

PC418195030

PC418205030

CERECYTE 18 System, Frame

Loop

Diameter

8 mm

9 mm

10 mm

11 mm

12 mm

13 mm

14 mm

15 mm

16 mm

17 mm

18 mm

19 mm

20 mm

Overall

Length

30 cm

33 cm

34 cm

37 cm

40 cm

43 cm

47 cm

50 cm

47 cm

50 cm

46 cm

50 cm

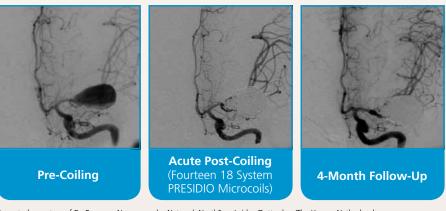
50 cm

CERECYTE® 10 System, Frame

Catalog Number	Loop Diameter	Overall Length
PC410041230	4 mm	11.5 cm
PC410051730	5 mm	17 cm
PC410062630	6 mm	26 cm
PC410073030	7 mm	30 cm
PC410082930	8 mm	29 cm

PRESIDIO[®] microcoil

MCA Aneurysm (25 mm x 40 mm x 20 mm with 8 mm neck)



18

Case study courtesy of Dr. Brouwer, Neurovascular Network NorthSea, Leiden/Rotterdam/The Hague, Netherlands

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CNV-22-100 1/12 ADDB/RPI

Cerecyte[®]Coils





MICRUSPHERE® XL

microcoil

The Original Micrus Framing Coil

The MICRUSPHERE[®] Microcoil is a spherical coil designed to provide a stable, predictable frame and conform to a myriad of aneurysm shapes.

Start with Stability

The MICRUSPHERE Microcoil deploys outward, one loop at a time, toward the aneurysm walls. This allows the entire coil to conform to the aneurysm shape, while providing a predictable frame.

Open Core

Outward loop deployment minimizes compartmentalization and compaction while potentially increasing packing density.



MICRUSPHERE® XL Microcoil 18 System Deployed microcoil leaves open core for additional packing

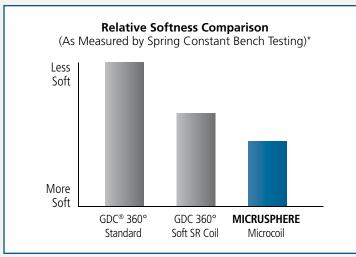
Clinical Case Experience

Ruptured Cavernous Carotid Aneurysm

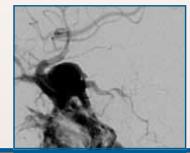
(19 mm x 18 mm)

Balancing Stability with Softness

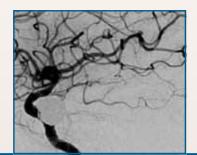
Bench studies confirm that the MICRUSPHERE Microcoil is softer than the competitive soft and standard coils.



*Data on file at Codman Neurovascular



Pre-Coiling



Post Placement of 21 MICRUSPHERE 18 System Coils using Russian Doll® technique & stent

Case study courtesy of Dr. Mawad, Baylor College of Medicine, Houston, TX



MICRUSPHERE® XL

microcoil

Platinum Microcoils

Spherical Stretch-Resistant (SSR10)

Catalog Number	Spherical Loop Diameter	Overall Length
SSR100225-20	2 mm	2.5 cm
SSR100253-20	2.5 mm	3 cm
SSR100305-20	3 mm	5 cm
SSR100357-20	3.5 mm	7 cm
SSR100408-20	4 mm	8 cm
SSR100410-20	4 mm	10 cm
SSR100510-20	5 mm	10 cm
SSR100514-20	5 mm	14 cm
SSR100612-20	6 mm	12 cm
SSR100620-20	6 mm	20 cm
SSR100714-20	7 mm	14 cm
SSR100720-20	7 mm	20 cm
SSR100816-20	8 mm	16 cm
SSR100825-20	8 mm	25 cm

Spherical Stretch-Resistant (SSR18)

Catalog Number	Spherical Loop Diameter	Overall Length
SSR180825-20	8 mm	25 cm
SSR180927-20	9 mm	27 cm
SSR181028-20	10 mm	28 cm
SSR181128-20	11 mm	28 cm
SSR181230-20	12 mm	30 cm
SSR181334-20	13 mm	34 cm
SSR181436-20	14 mm	36 cm
SSR181540-20	15 mm	40 cm
SSR181640-20	16 mm	40 cm
SSR181740-20	17 mm	40 cm
SSR181840-20	18 mm	40 cm

RECOMMENDED MICROCATHETER ID: 0.017" - 0.021"

CERECYTE® Microcoils

RECOMMENDED MICROCATHETER ID: 0.014" - 0.017"

MICRUSPHERE

microcoil

Spherical CERECYTE (CSP10)

Catalog Number	Spherical Loop Diameter	Overall Length
CSP100200-30	2 mm	2.5 cm
CSP100250-30	2.5 mm	3.3 cm
CSP100300-30	3 mm	5.4 cm
CSP100350-30	3.5 mm	6.6 cm
CSP100400-30	4 mm	7.5 cm
CSP100500-30	5 mm	9.7 cm
CSP100600-30	6 mm	11.9 cm
CSP100700-30	7 mm	13.9 cm
CSP100800-30	8 mm	16.1 cm
CSP100900-30	9 mm	18.4 cm
CSP101000-30	10 mm	20.3 cm

RECOMMENDED MICROCATHETER ID: 0.014" - 0.017"

Spherical CERECYTE (CSP18)

Spherical Loop Diameter	Overall Length
2 mm	2.7 cm
3 mm	5.8 cm
4 mm	7.9 cm
5 mm	10 cm
6 mm	12.2 cm
7 mm	14.3 cm
8 mm	13.6 cm
9 mm	15.3 cm
10 mm	17.1 cm
11 mm	18.9 cm
12 mm	20.7 cm
13 mm	22.6 cm
14 mm	24.3 cm
15 mm	26 cm
16 mm	27.9 cm
17 mm	30 cm
18 mm	30 cm
	Loop Diameter 2 mm 3 mm 4 mm 5 mm 6 mm 7 mm 8 mm 7 mm 10 mm 10 mm 11 mm 12 mm 13 mm 13 mm 14 mm 15 mm 16 mm

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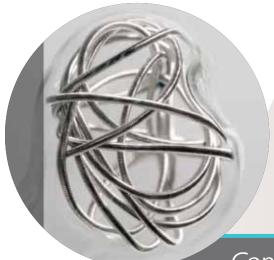
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CNV-22-200 1/12 ADDB/RPI

RECOMMENDED MICROCATHETER ID: 0.017" - 0.021"





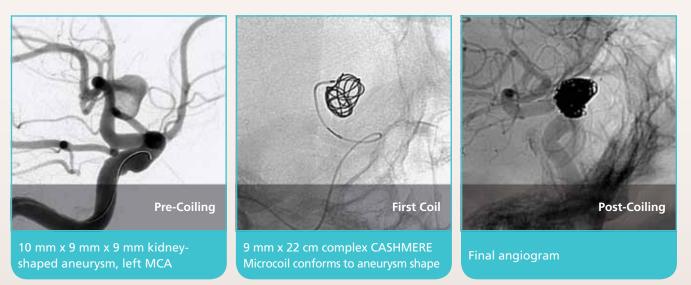
The Feeling of Infinity

The CASHMERE[®] Microcoil is a complex design that allows the coil to conform to the aneurysm shape. The complex design combines helical and infinity loops, allowing the CASHMERE Microcoil to comply with the walls of the aneurysm while respecting the aneurysm periphery.

Conformability

Novel, complex shape designed for conformability.

- Infinity loops seek out and respect aneurysm periphery even in complex shapes
- Two initial helical loops help anchor the coil within the aneurysm



Images courtesy of Dr. Ajay Wakhloo, University of Massachusetts



CASHMERE

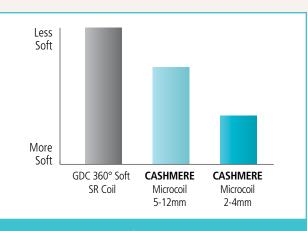
microcoil

Softness

SHMERE®

New proprietary wind provides increased coil softness.

- Appropriate for both ruptured and unruptured aneurysms
- Allows for accurate coil sizing to the aneurysm
- Softer than leading 10 System microcoils, including the GDC[®] 360° Soft SR
- The 2 mm 4 mm CASHMERE Microcoils were designed with even greater softness; over 50% softer than the 5 mm - 12 mm sizes



Relative Softness Comparison (As Measured by Spring Constant Bench Testing

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CNV-22-300 1/12 ADDB/RPI

CASHMERE

Complex Stretch-Resistant (SRC14)

Catalog Number	Loop Diameter	Overall Length
SRC140225-20	2 mm	2.5 cm
SRC140303-20	3 mm	3 cm
SRC140304-20	3 mm	4 cm
SRC140306-20	3 mm	6 cm
SRC140445-20	4 mm	4.5 cm
SRC140406-20	4 mm	6 cm
SRC140408-20	4 mm	8 cm
SRC140507-20	5 mm	7 cm
SRC140512-20	5 mm	12 cm
SRC140609-20	6 mm	9 cm
SRC140615-20	6 mm	15 cm
SRC140711-20	7 mm	11 cm
SRC140717-20	7 mm	17 cm
SRC140812-20	8 mm	12 cm
SRC140820-20	8 mm	20 cm
SRC140914-20	9 mm	14 cm
SRC140922-20	9 mm	22 cm
SRC141016-20	10 mm	16 cm
SRC141025-20	10 mm	25 cm
SRC141118-20	11 mm	18 cm
SRC141127-20	11 mm	27 cm
SRC141219-20	12 mm	19 cm
SRC141230-20	12 mm	30 cm

RECOMMENDED MICROCATHETER ID: 0.0165" - 0.0190"

CASHMERE

Complex CERECYTE (CRC14)

Catalog Number	Loop Diameter	Overall Length
CRC140225-30	2 mm	2.5 cm
CRC140303-30	3 mm	3 cm
CRC140304-30	3 mm	4 cm
CRC140306-30	3 mm	6 cm
CRC140445-30	4 mm	4.5 cm
CRC140406-30	4 mm	6 cm
CRC140408-30	4 mm	8 cm
CRC140507-30	5 mm	7 cm
CRC140512-30	5 mm	12 cm
CRC140609-30	6 mm	9 cm
CRC140615-30	6 mm	15 cm
CRC140711-30	7 mm	11 cm
CRC140717-30	7 mm	17 cm
CRC140812-30	8 mm	12 cm
CRC140820-30	8 mm	20 cm
CRC140914-30	9 mm	14 cm
CRC140922-30	9 mm	22 cm
CRC141016-30	10 mm	16 cm
CRC141025-30	10 mm	25 cm
CRC141118-30	11 mm	18 cm
CRC141127-30	11 mm	27 cm
CRC141219-30	12 mm	19 cm
CRC141230-30	12 mm	30 cm

RECOMMENDED MICROCATHETER ID: 0.0165" - 0.0190"





Fill It Up With DELTAPAQ

DELTAPAQ[®] Microcoils feature our exclusive DELTAWIND technology that creates hundreds of natural micro-deflection points, allowing the microcoil to find and fill open spaces that might be missed by traditional wind microcoils.

DELTAWIND[™] Microcoils 6 mm Spherical Aneurysm

Precession Engineering

The DELTAPAQ Microcoil's Precession Technology helps deliver a coil with exceptional filling coil softness combined with longer lengths, helping facilitate more complete occlusions.

Coil with Confidence

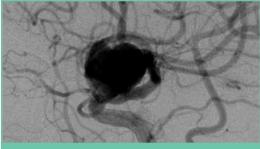


Clinical Case Experience

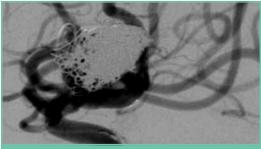
DELTAPAQ

microcoil

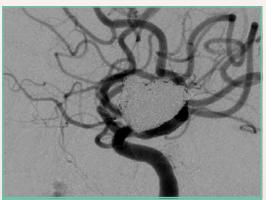
Images courtesy of Dr. Adam Arthur, Semmes-Murphey Clinic/University of Tennessee Neurosurgery, Memphis, TN



49 year old female presents with a ruptured, multi-lobular supraclinoid internal carotid artery aneurysm measuring 18 mm x 13 mm



An initial 6 PRESIDIO[®] Microcoils are deployed to establish a stable frame



inal angiogram following a total c 29 DELTAPAQ Microcoils

Physician's Comments:

"The DELTAPAQ Microcoil progressively filled the aneurysm from distal to proximal until the microcatheter was at the neck of the aneurysm. The DELTAPAQ Microcoils were delivered easily and demonstrated excellent, uniform filling characteristics."

 Dr. Adam Arthur,
 Semmes-Murphey Clinic/University of Tennessee Neurosurgery, Memphis, TN DELTAPAQ

Stretch-Resistant (DFS10)

Catalog Number	Loop Diameter	Overall Length
DFS100152-20	1.5 mm	2 cm
DFS100154-20	1.5 mm	4 cm
DFS100156-20	1.5 mm	6 cm
DFS100202-20	2 mm	2 cm
DFS100203-20	2 mm	3 cm
DFS100204-20	2 mm	4 cm
DFS100206-20	2 mm	6 cm
DFS100208-20	2 mm	8 cm
DFS100210-20	2 mm	10 cm
DFS100254-20	2.5 mm	4 cm
DFS100256-20	2.5 mm	6 cm
DFS100258-20	2.5 mm	8 cm
DFS100250-20	2.5 mm	10 cm
DFS100304-20	3 mm	4 cm
DFS100306-20	3 mm	6 cm
DFS100308-20	3 mm	8 cm
DFS100310-20	3 mm	10 cm
DFS100406-20	4 mm	6 cm
DFS100408-20	4 mm	8 cm
DFS100410-20	4 mm	10 cm
DFS100510-20	5 mm	10 cm
DFS100515-20	5 mm	15 cm
DFS100612-20	6 mm	12 cm
DFS100616-20	6 mm	16 cm
DFS100716-20	7 mm	16 cm
DFS100720-20	7 mm	20 cm
DFS100820-20	8 mm	20 cm
DFS100925-20	9 mm	25 cm
DFS101025-20	10 mm	25 cm

DELTAPAQ

CERECYTE® (CDF10)

Catalog Number	Loop Diameter	Overall Length
CDF100152-30	1.5 mm	2 cm
CDF100154-30	1.5 mm	4 cm
CDF100156-30	1.5 mm	6 cm
CDF100202-30	2 mm	2 cm
CDF100203-30	2 mm	3 cm
CDF100204-30	2 mm	4 cm
CDF100206-30	2 mm	6 cm
CDF100208-30	2 mm	8 cm
CDF100210-30	2 mm	10 cm
CDF100254-30	2.5 mm	4 cm
CDF100256-30	2.5 mm	6 cm
CDF100258-30	2.5 mm	8 cm
CDF100250-30	2.5 mm	10 cm
CDF100304-30	3 mm	4 cm
CDF100306-30	3 mm	6 cm
CDF100308-30	3 mm	8 cm
CDF100310-30	3 mm	10 cm
CDF100406-30	4 mm	6 cm
CDF100408-30	4 mm	8 cm
CDF100410-30	4 mm	10 cm
CDF100510-30	5 mm	10 cm
CDF100515-30	5 mm	15 cm
CDF100612-30	6 mm	12 cm
CDF100616-30	6 mm	16 cm
CDF100716-30	7 mm	16 cm
CDF100720-30	7 mm	20 cm
CDF100820-30	8 mm	20 cm
CDF100925-30	9 mm	25 cm
CDF101025-30	10 mm	25 cm

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CNV-22-400 1/12 ADDB/RPI

DeltaPlush

microcoil

DELTAPLUSH Microcoils

DELTAPLUSH® Microcoils combine our exclusive DELTAWIND[™] technology with the softest platinum wire that we have ever used. The result is a 10 system microcoil with amazing softness.

Designed as a "True 10" system microcoil, DELTAPLUSH combines ultimate softness with a tighter tolerance to help fill the tightest open spaces.

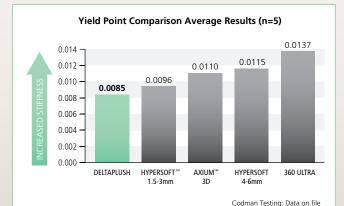
Precession Engineering

DELTAWIND technology derives its unique design advantage from precession engineering. The combination of DELTAPLUSH soft platinum wire and DELTAWIND precession creates a coil designed to finish right where you place it.

> Unique triangular wind provides natural deflection points, allowing the coil to change direction more easily.

Finish Soft with DELTAPLUSH

- DELTAWIND technology's unique primary wind design introduces a completely new dimension of softness
- Engineered with the softest Micrus 0.0013" platinum wire ever used, DELTAPLUSH provides ultimate softness and exceptional microcoil conformability





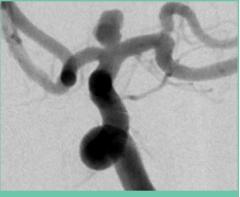


Clinical Case Experience

DeltaPlush

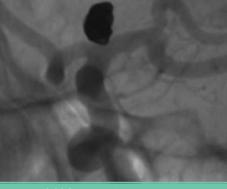
microcoil

CASHMERE[®] Frame – DELTAPAQ[®] Fill – DELTAPLUSH Finish



eft ICA terminus, measuring 5.4 mm x 4 mm x 2.7 mm.





An initial 5 mm x 12 cm CASHMERE Microcoil frames the aneurysm. A total of 18 cm of DELTAPAQ and 10 cm of DELTAPLUSH Microcoils are used to occlude the aneurysm. Used in conjunction with Micrus framing coils, the DELTAPAQ and DELTAPLUSH Microcoils were designed to help increase overall packing density.

Images courtesy of Dr. S. Moskowitz and Dr. V. Gonugunta; Cleveland Clinic Foundation, Cleveland, OH

DELTAPLUSH

Stretch-Resistant (DPL10)

Catalog Number	Loop Diameter	Overall Length
DPL100151-20	1.5 mm	1 cm
DPL100152-20	1.5 mm	2 cm
DPL100153-20	1.5 mm	3 cm
DPL100201-20	2 mm	1 cm
DPL100202-20	2 mm	2 cm
DPL100203-20	2 mm	3 cm
DPL100204-20	2 mm	4 cm
DPL100206-20	2 mm	6 cm
DPL100252-20	2.5 mm	2 cm
DPL100254-20	2.5 mm	4 cm
DPL100256-20	2.5 mm	6 cm
DPL100304-20	3 mm	4 cm
DPL100306-20	3 mm	6 cm
DPL100404-20	4 mm	4 cm
DPL100406-20	4 mm	6 cm
DPL100408-20	4 mm	8 cm

DELTAPLUSH

CERECYTE® (CPL10)

Catalog Number	Loop Diameter	Overall Length
CPL100151-30	1.5 mm	1 cm
CPL100152-30	1.5 mm	2 cm
CPL100153-30	1.5 mm	3 cm
CPL100201-30	2 mm	1 cm
CPL100202-30	2 mm	2 cm
CPL100203-30	2 mm	3 cm
CPL100204-30	2 mm	4 cm
CPL100206-30	2 mm	6 cm
CPL100252-30	2.5 mm	2 cm
CPL100254-30	2.5 mm	4 cm
CPL100256-30	2.5 mm	6 cm
CPL100304-30	3 mm	4 cm
CPL100306-30	3 mm	6 cm
CPL100404-30	4 mm	4 cm
CPL100406-30	4 mm	6 cm
CPL100408-30	4 mm	8 cm

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CNV-22-500 1/12 ADDB/RPI



signed to Seek & Fill Open Space

The ORBIT GALAXY[®] Detachable Coil System is the first complete family of complex, random loop, stretch resistant coils, all with the softest coil delivery system⁻, for a smooth, controlled deployment. This novel coil design enables the coil to seek out and fill open spaces in aneurysms, delivering conformability, control, and outstanding packing density.

Seek & Feel the Difference with ORBIT GALAXY Coils

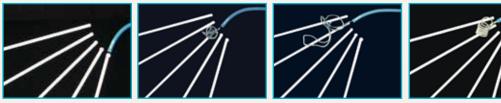


Complex Coils with Random Loop Design

Complex shape with random loops and breaks conforms to the true aneurysm shape and seeks open spaces to fill from the periphery to the core, designed to deliver outstanding packing density and minimize compartmentalization – it's randomness you can count on.

Soft, Controlled Delivery

The soft, distal delivery zone of the ORBIT GALAXY system minimizes microcatheter movement during deployment, contributing to a smooth deployment and helping to maintain optimal position within the aneurysm to enable the placement of more coils.



BASELINE

XTRASOFT ORBIT GALAXY 2x2

AXY 2x2 AXIUM[™] 3D 2x4

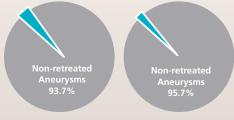


HYPERSOFT[™]-10 MICROPLEX[®] 2x4

Retreatment Rates – TRUFILL DCS ORBIT[®] Complex Registry Midterm Results

37 Centers/42 Physicians High Packing Density: 31%

Total Aneurysms Retreated Aneurysms 6.3% (11 of 174) Small Aneurysm Subgroup[•] Retreated Aneurysms 4.3% (6 of 138)



* Aneurysms < 10 mm (both small neck and wide neck).

Bendok, BR, Rahme RJ. J NeuroIntervent Surg (2011). doi:10.1136/neurointsurg-2011-010118.

A Proven Technology Platform

The Complex Registry has demonstrated outstanding packing density and low retreatment rates with TRUFILL DCS and TRUFILL DCS ORBIT coils.



Images show deflection of PROWLER* SELECT* LP-ES microcatheter (90° shape)



The Complete Family of Complex, Random Loop Coils



Frame Coil Stable and Neck-Protecting



Fill Coil Proven and Conformable



XTRASOFT Coil Soft and Space-Seeking

XTRASOFT[™] Coils

Complex/Helical: Coil Outer Diameters (OD) 0.012" Longer Lengths for Enhanced Packing Volume

Catalog Number	Diameter	Length	
640CX0201	2 mm	1.5 cm	
640CX0202	2 mm	2 cm	
640HX02041	2 mm	4 cm	
640HX02061	2 mm	6 cm	
640HX02081	2 mm	8 cm	
640CX2525	2.5 mm	2.5 cm	
640CX2535	2.5 mm	3.5 cm	
640CX2505	2.5 mm	5 cm	
640CX0303	3 mm	3 cm	
640CX0304	3 mm	4 cm	
640CX0306	3 mm	6 cm	
640CX0308	3 mm	8 cm	
640CX3505	3.5 mm	5 cm	
640CX3575	3.5 mm	7.5 cm	
640CX3509	3.5 mm	9 cm	
640CX0404	4 mm	4 cm	
640CX0406	4 mm	6 cm	
640CX0408	4 mm	8 cm	
640CX0410	4 mm	10 cm	
XTRASOFT 2x4_2x6 and 2x8 coils feature a			

¹XTRASOFT 2x4, 2x6 and 2x8 coils feature a helical shape.

Frame Coils

Complex: Coil OD 0.014"

Catalog Number	Diameter	Length
640CR0620	6 mm	20 cm
640CR0725	7 mm	25 cm
640CR0830	8 mm	30 cm
640CR0930	9 mm	30 cm
640CR1030	10 mm	30 cm
640CR1230	12 mm	30 cm
640CR1430	14 mm	30 cm
640CR1630	16 mm	30 cm
640CR1830	18 mm	30 cm
640CR2030	20 mm	30 cm

All ORBIT GALAXY coils 4 mm and larger feature Tight Distal Loop (TDL) technology.

ORBIT GALAXY coils (Frame, Fill & XTRASOFT) are compatible with all PROWLER* family microcatheters except for PROWLER 10.

Fill Coils

Complex: Coil OD 0.012"

Catalog Number	Diameter	Length
640CF0201	2 mm	1.5 cm
640CF0202	2 mm	2 cm
640CF0304	3 mm	4 cm
640CF0306	3 mm	6 cm
640CF0308	3 mm	8 cm
640CF0404	4 mm	4 cm
640CF0407	4 mm	7 cm
640CF0410	4 mm	10 cm
640CF0412	4 mm	12 cm
640CF0505	5 mm	5 cm
640CF0510	5 mm	10 cm
640CF0515	5 mm	15 cm
640CF0610	6 mm	10 cm
640CF0615	6 mm	15 cm
640CF0620	6 mm	20 cm
640CF0715	7 mm	15 cm
640CF0721	7 mm	21 cm
640CF0815	8 mm	15 cm
640CF0824	8 mm	24 cm
640CF0915	9 mm	15 cm
640CF0925	9 mm	25 cm
640CF1030	10 mm	30 cm
640CF1230	12 mm	30 cm

ORBIT GALAXY Detachable Coil System

0.012" and 0.014" coil OD deliver increased volumetric filling per cm of length compared with 0.010" OD coil systems.



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Codman Neurovascular Microcoils

Confidence Built on Clinical Evidence

Designed to Help You Achieve Dense Packing^{7,9,10,12-14,16} Low Recurrence & Retreatment Rates^{1-8,11,15,16} and Excellent Clinical Outcomes⁴

Codman remains committed to design innovation and supporting research that advances the understanding of neurovascular care.

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