Ruby™ Case Examples
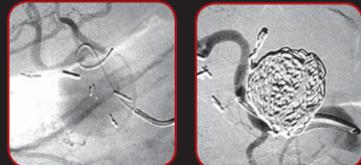
38 mm Hepatic Artery Aneurysm

Pre-Treatment   Post-Treatment

Dr. Jim Benenati
Baptist Cardiac and Vascular Institute, Miami, FL
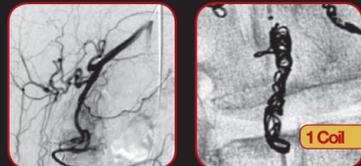
Pulmonary AVM

Pre-Treatment   Post-Treatment   **2 Coils**

Dr. J Moskovitz
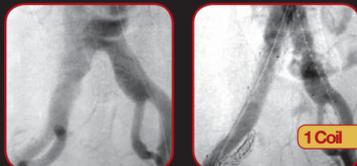Florida Hospital, Orlando, FL

Pre Y90 GDA Embolization

Pre-Treatment   Post-Treatment   **1 Coil**

Dr. Jie Mao
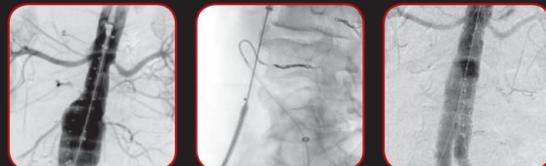Boulder Community Hospital, Boulder, CO

Hypogastric Embolization

Pre-Treatment   Post-Treatment   **1 Coil**

Dr. Marcus D'Ayala
New York Methodist Hospital, Brooklyn, NY

Type 2 AAA Endoleak

Pre-Treatment   Intra-Operative   Post-Treatment

Dr. Frank Arko
Sanger Heart and Vascular Institute, Charlotte, NC

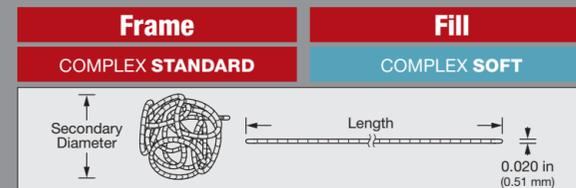## Bilateral Ovarian Vein Embolization

Post-Treatment

Dr. Anthony Venbrux
George Washington Hospital, Washington, DC

Ruby™ Coil

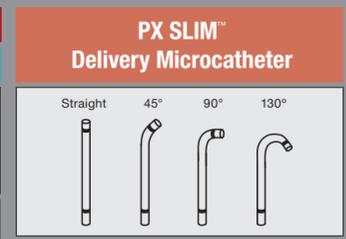Widest range of sizes to treat all anatomies.

Ordering Information

Frame			Fill		
COMPLEX **STANDARD**			COMPLEX **SOFT**		
Catalog Number	Secondary Diameter (mm)	Length (cm)	Catalog Number	Secondary Diameter (mm)	Length (cm)
RBY2C0305	3	5	RBY4C0201	2	1
RBY2C0312	3	12	RBY4C0202	2	2
RBY2C0320	3	20	RBY4C0204	2	4
RBY2C0410	4	10	RBY4C0305	3	5
RBY2C0415	4	15	RBY4C0315	3	15
RBY2C0420	4	20	RBY4C0406	4	6
RBY2C0430	4	30	RBY4C0415	4	15
RBY2C0435	4	35	RBY4C0620	6	20
RBY2C0512	5	12	RBY4C0630	6	30
RBY2C0520	5	20	RBY4C0835	8	35
RBY2C0530	5	30	RBY4C0860	8	60
RBY2C0612	6	12	RBY4C1035	10	35
RBY2C0620	6	20	RBY4C1240	12	40
RBY2C0630	6	30	RBY4C1650	16	50
RBY2C0725	7	25	RBY4C2060	20	60
RBY2C0740	7	40			
RBY2C0825	8	25			
RBY2C0840	8	40			
RBY2C0930	9	30			
RBY2C1035	10	35			
RBY2C1240	12	40			
RBY2C1260	12	60			
RBY2C1440	14	40			
RBY2C1460	14	60			
RBY2C1660	16	60			
RBY2C1857	18	57			
RBY2C2060	20	60			
RBY2C2457	24	57			
RBY2C2860	28	60			
RBY2C3260	32	60			

Secondary Diameter   Length   0.020 in (0.51 mm)

PX SLIM™ Delivery Microcatheter

Straight   45°   90°   130°

Catalog Number	Tip Shape	ID	OD Distal	OD Proximal
PXSLIMSTR	Straight Tip	.025"	2.6F	2.95F
PXSLIM045	45° Tip	.025"	2.6F	2.95F
PXSLIM090	90° Tip	.025"	2.6F	2.95F
PXSLIM130	130° Tip	.025"	2.6F	2.95F

Ruby™ Coil Detachment Handle

Penumbra

Catalog Number	Description
RH1	Detachment Handle
RH5	Detachment Handle (5 pack)

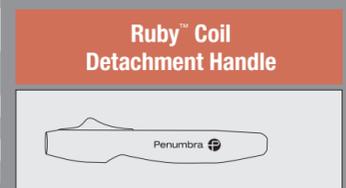**FEATURED IN**
Endovascular TODAY

Technical Tips and Clinical Benefits of the Penumbra Ruby™ Embolization Coil

April 2013

1. Schönholz C, Benenati J, Arko F, Teigen C, Moskovitz JD. Ruby Detachable Coils—Case reports illustrating the utility of this novel technology. Endovascular Today. 2013;12(4):78-82.

Penumbra

Ruby™ Coil
Large Volume Detachable Coils
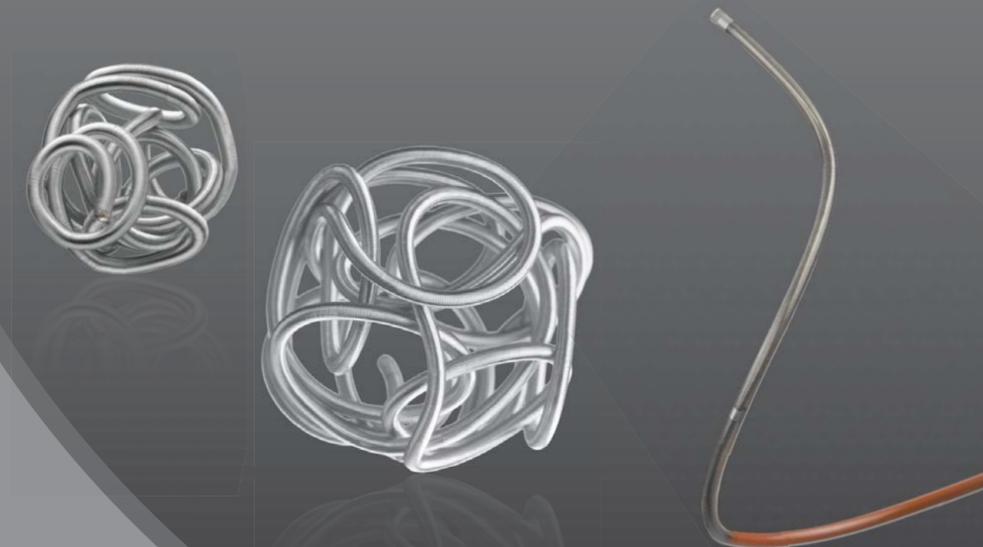
High Flow Microcatheter Compatible

Penumbra

Ruby™ Coil

Large Volume Detachable Coils

VOLUME ADVANTAGE

Reduces the number of coils and procedure time by maximizing length and coil thickness.[1]
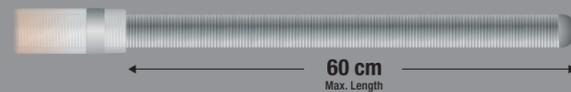
30 cm Ruby™ Coil   30 cm Conventional Detachable Coil

Only Coil to Provide 60 cm Length and .020" Thickness

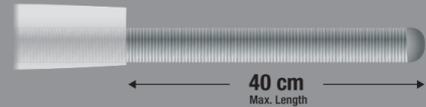**Ruby™ Coil**

High Flow Microcatheter Penumbra PX SLIM™

60 cm
Max. Length

Conventional 35 Coil
035 Diagnostic Catheter

40 cm
Max. Length

Conventional 18 Coil
18 Microcatheter

30 cm
Max. Length

Coil Thickness

.020"

.021"

.012"

Standard
32 mm x 60 cm

Soft
2 mm x 1 cm

EXTREME DELIVERABILITY

Only coil designed to be delivered through a high flow microcatheter.

PX SLIM™ Microcatheter

Straight   45°   90°   130°
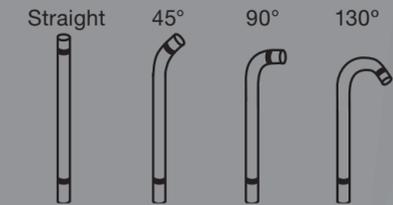
SOFTNESS

Choice of Standard and Soft coils provide superior packing density while avoiding catheter kick-out.

Unique Tri-Layer Coil Design

Nitinol inner structural coil

Stretch resistant Nitinol wire

Thin filament, .020" diameter platinum coil

COMPLETE CONTROL

Fully retractable coil with active mechanical detachment delivers complete control.

Instant 1-Click Detachment

Penumbra