Ruby® Case Examples

38 mm Hepatic Artery Aneurysm

Pre-Treatment

Post-Treatment

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

Dr. J. Moskovitz
Florida Hospital, Orlando, FL

Pulmonary AVM

Pre-Treatment

Post-Treatment

Dr. Anthony Venbrux
George Washington Hospital, Washington, DC

Pre Y90 GDA Embolization

Pre-Treatment

Post-Treatment

Dr. Jie Mao
Brookline Community Hospital, Brookline, CO

Dr. Marcus D’Aylala
New York Methodist Hospital, Brooklyn, NY

Hypogastric Embolization

Pre-Treatment

Post-Treatment

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

Dr. Marcus D’Aylala
New York Methodist Hospital, Brooklyn, NY

Type 2 AAA Endoleak

Pre-Treatment

Post-Treatment

Dr. J Moskovitz
Florida Hospital, Orlando, FL

Pre Y90 GDA Embolization

Pre-Treatment

Post-Treatment

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

Dr. Jie Mao
Boulder Community Hospital, Boulder, CO

Bilateral Ovarian Vein Embolization

Pre-Treatment

Post-Treatment

Dr. Anthony Venbrux
George Washington Hospital, Washington, DC

Pre Y90 GDA Embolization

Pre-Treatment

Post-Treatment

Dr. Jie Mao
Boulder Community Hospital, Boulder, CO

Dr. Marcus D’Aylala
New York Methodist Hospital, Brooklyn, NY

Ruby Coil

Widest range of sizes to treat all anatomies.

Ordering Information

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Technical Tips and Clinical Benefits of the Penumbra Ruby Embolization Coil


Penumbra

PERIPHERAL

Large Volume Detachable Coils

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Ruby Case Examples

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Bilateral Ovarian Vein Embolization

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Dr. Anthony Venbrux
George Washington Hospital, Washington, DC

Technical Tips

and Clinical Benefits

of the Penumbra

Ruby Embolization Coil

Widest range of sizes to treat all anatomies.

Ordering Information

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Delivery Microcatheter

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Detachment Handle

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<tr>
<td>RH5</td>
<td>Detachment Handle (5 pack)</td>
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**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 0.020” Thickness**

**COMPLETE CONTROL**
Fully retractable coil with active mechanical detachment delivers complete control.

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

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

**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

**COMPLETE CONTROL**
- Fully retractable coil with active mechanical detachment delivers complete control.
- Instant 1-Click Detachment

**EXTREME DELIVERABILITY**
- Only coil designed to be delivered through a high flow microcatheter.

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

**Coil Thickness**
- Ruby™ Coil: 0.020”
- Conventional: 0.021”
- Conventional 35 Coil: 0.012”

**Penumbra PX SLIM™ Microcatheter**
- Straight, 45°, 90°, 130°

**Nitinol inner structural coil**
- Thin filament, 0.203” diameter platinum coil
- Stretch resistant Nitinol wire

**Unique Tri-Layer Coil Design**
- Standard: 32 mm x 60 cm
- Soft: 2 mm x 1 cm

**Packing Density**
- Superior packing density while avoiding catheter kick-out.

¹ Reduces the number of coils and procedure time by maximizing length and coil thickness.
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