

Ruby LP and Packing Coil LP

Penumbra, Inc.

www.penumbrainc.com/vascular-embolization

KEY FEATURES

- 0.0165- to 0.021-inch microcatheter compatible
- Large-volume coils
- Long lengths, soft coils
- Engineered for mechanical occlusion

Penumbra's Ruby Coil LP and Packing Coil LP are engineered to mechanically occlude small vessels and are designed to be delivered through a 0.0165- to 0.021-inch low-profile microcatheter. Ruby Coil LP is available in sizes as small as 1 mm in diameter and Packing Coil LP is available in lengths up to 60 cm. Similar to Penumbra's large-volume system, the LP System has been engineered to pack densely, helping reduce reliance on thrombus formation. Ruby LP and Packing Coil LP have been cleared by the FDA for sale in the United States.

The Penumbra LP Coil System is indicated for the embolization of intracranial aneurysms, other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae, and arterial and venous embolizations in the peripheral vasculature. Rx only.

Prior to use, please refer to the instructions for use for complete product indications, contraindications, warnings, precautions, potential adverse events, and detailed instructions for use.

Ruby® Coil LP



- Initial coil in small vessels
- Size 1:1 with vessel diameter

Packing Coil LP



- Space filling "liquid metal" coil
- Conforms to vessel diameter

Lightning Intelligent Aspiration

Penumbra, Inc.

www.penumbrainc.com/indigo-lightning

KEY FEATURES

- Designed for clot detection
- Engineered for blood loss reduction
- Maximized clot engagement
- 12-F laser-cut hypotube catheter

The Indigo System with Lightning is an intelligent aspiration system powered by the Penumbra ENGINE, which helps optimize thrombus removal procedures by differentiating between thrombus and blood. Lightning enables clot detection, so the physician knows when the catheter is in thrombus or patent flow. In addition, Lightning is designed for blood loss reduction through intermittent aspiration. Lightning comes packaged with the Indigo System catheters, CAT12 and CAT8.

The CAT12 is the next generation of the Indigo System catheters, featuring a large 0.131-inch lumen and an angled tip for additional circumferential sweep. Made of laser-cut hypotube technology, CAT12 is Penumbra's most trackable and torqueable catheter to date.

The Indigo System with Lightning Aspiration Tubing is indicated for the removal of fresh, soft emboli and thrombi from vessels of the peripheral arterial and venous systems and for the treatment of pulmonary embolism. Rx only. Prior to use, please refer to the instructions for use for complete product indications, contraindications, warnings, precautions, potential adverse events, and detailed instructions for use. ■

