Medtronic

BLOOD CONSERVATION UNIT (BCU)

Liberant™
Thrombectomy System

35%
less blood loss
in bench testing with ovine blood.†,1

Ultrasonic controlled thrombectomy

The BCU features an ultrasonic sensor that **directly** measures blood flow.

An intelligent algorithm reads the blood flow data and controls when the pinch valve opens and closes.

The pulse rate automatically adapts to provide appropriate aspiration power.

Standard mode (green light):
used to minimize blood loss by maintaining a lower pulse rate.

Boost mode (purple light):
used for procedural efficiency by allowing an increased pulse rate.

Risks include, but are not limited to, embolization, hemorrhage, thrombosis, and vessel damage.

† Based on bench data with Liberant 8 Fr long in standard mode compared to Penumbra Indigo™* Lightning 7 Fr.

Liberant system capital components

Description	SKU
Liberant blood conservation unit (BCU)	LMT-BCU
Riptide™ aspiration pump, general surgical use	LMT-RAP

Liberant system disposable components

Description	SKU
Riptide collection canister with intermediate tubing	LMT-RCT

Liberant thrombectomy sets†

Description	Working length	Catheter shape	Catheter OD	SKU
Liberant thrombectomy set, 6 Fr	135 cm	Straight	2.16 mm	LMT-CT6
Liberant thrombectomy set, 8 Fr Short	50 cm	Single angled	2.80 mm	LMT-CT8S
Liberant thrombectomy set, 8 Fr Long	115 cm	Single angled	2.80 mm	LMT-CT8L
Liberant thrombectomy set, 12 Fr	115 cm	Double angled	3.99 mm	LMT-CT12

† Liberant thrombectomy sets consist of a catheter, dilator, clotbuster, aspiration tubing, and hemostasis valve.

1. Data on file at Medtronic D01380628 In-Vitro Marketing Testing on Liberant and Penumbra's Indigo System Report. Bench testing may not be indicative of clinical performance.

Indications for Use: The Liberant™ Thrombectomy System is indicated for the removal of fresh, soft emboli or thrombi from the vessels of the peripheral arterial and venous systems.

Contraindications: Do not use the Liberant thrombectomy system in the coronary vasculature or neurovasculature. Do not use in patients for whom anticoagulant or antiplatelet therapy is contraindicated.

Potential Adverse Effects of the Device on Health: The potential complications include, but are not limited to the following: allergic reaction to device materials; anemia; death; embolization; hemorrhage; hypotension; infection; ischemia or infarction; pain; thrombosis; total occlusion of treated vessel; venous valvular damage; vessel damage, including arteriovenous fistula, dissection, perforation, pseudoaneurysm, or vascular aneurysm; adverse events associated with endovascular procedures, including acute renal impairment, allergic reaction to contrast medium, cerebrovascular accident, hemorrhage or hematoma at access site, hypertension.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device, or contact a Medtronic representative.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

Medtronic

medtronic.com/liberant