ONE DEVICE.
FIVE FUNCTIONS.
BRINGING VALUE
WITH VERSATILITY.

LigaSure™ Retractable L-Hook
Laparoscopic Sealer/Divider

Product
Information Kit

Medtronic
Further, Together
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PROVEN TECHNOLOGY & PROCEDURAL EFFICIENCY.¹,†

You get the functionality of five devices in one — with the reliable performance of LigaSure™ technology and Valleylab™ monopolar energy.

Reduce costs and improve clinical outcomes. Our industry demands it. Patients deserve it. And we can help you achieve both.

In your hands, our solutions have been setting the standard of patient care for nearly 50 years. And the challenges of today’s healthcare system demand we go further — with technologies that bring even greater efficiency to procedures.

That’s why we created the LigaSure™ retractable L-hook laparoscopic device.

The only instrument of its kind, it delivers the benefits of:²,‡

- Precise Valleylab™ monopolar dissection
- One-step LigaSure™ vessel sealing
- Atraumatic grasping
- Cold cutting
- Maryland-style blunt dissection

In one device.
With one of the most comprehensive energy portfolio in the industry\textsuperscript{3} and expert support for your staff

Your needs extend across the care continuum. And so do our services and solutions.

They start with offering you the most comprehensive energy portfolio in the industry. A suite of surgical solutions built on a half-century of collaboration with hospitals, surgeons, and healthcare professionals. From energy based hand devices to generators that power them.

The LigaSure™ retractable L-hook device is one of our latest innovations. And its groundbreaking versatility\textsuperscript{1,†,§} brings greater efficiency to your OR\textsuperscript{4} — on top of the reliability that comes with LigaSure™ technology.

Expert support for your staff

You're not just our customer, we're partners. And like you, we're committed to always doing what's best for patients. That's why our products come with technical support staffed by our product experts, such as:

- Free 24-hour clinical information hotline staffed by registered nurses with OR experience
- Technical support staffed by our product experts

\textsuperscript{1}29 of 29 surgeons agree
\textsuperscript{2}27 of 29 surgeons agree
\textsuperscript{3}Compared to surgeon's primary device
LigaSure™ technology has been setting the standard in vessel sealing for more than 18 years.

What is LigaSure™ technology?
LigaSure™ vessel-sealing technology uses the body’s own collagen and elastin to create a permanent seal that can withstand three times normal systolic blood pressure. It’s supported by an ever growing body of evidence. And has been used in more than 17 million procedures worldwide.

What does it do?
With an average seal cycle of 1-4 seconds in most surgical situations, this groundbreaking technology can seal:
- Vessels up to and including 7 mm
- Lymphatics
- Tissue bundles
And it eliminates the guesswork with a feedback-controlled response system that automatically discontinues energy delivery when the seal cycle is complete.

An energy platform that enhances performance
The LigaSure™ L-hook device can be powered by the ForceTriad™ energy platform with software version 3.8. But you’ll get even better performance with the Valleylab™ FT10 energy platform. Because the Valleylab™ FT10 energy platform:
- Makes LigaSure™ devices better — and faster — than ever
- Reads tissue 434,000 times per second — and automatically adjusts energy output to maintain the desired clinical effect.

†Based on data from 2001-FY2016
‡When used with the Valleylab™ FT10 energy platform
VESSEL SEALING
COLD CUTTING
GRASPING
AND DISSECTION
WITH ONE DEVICE.

MARYLAND-STYLE JAW

VALLEYLAB™ MONOPOLAR L-HOOK

SHAFT LENGTH
37 cm, 44 cm

SHAFT ROTATION
315 degrees

VALLEYLAB™ MONOPOLAR L-HOOK DEPLOYMENT
Grey paddle

LIGASURE™ VESSEL SEALING ACTIVATION
Purple button

POWERED BY THE VALLEYLAB™ FT10 AND FORCETRIAD™ ENERGY PLATFORMS
CHOOSING YOUR INSTRUMENT JUST GOT A LOT EASIER.

We’re redefining versatility. So you can keep your focus on the surgical site. And avoid multiple instrument exchanges, which can disrupt procedural flow and put patients at greater risk for injury.9,†

Easy to use

With the LigaSure™ L-hook device:
- Simply press a lever on the handle to deploy the retractable L-hook — and deliver the precision of Valleylab™ monopolar dissection7
- You can grasp, seal, and cut independently7 — the decision is in your hands

Surgeons who tested the device say the actions to grasp, seal, cut, deploy, and retract the Valleylab™ monopolar L-hook are simple and intuitive.2,††

Improves surgical efficiency

The LigaSure™ L-hook device:
- Improves procedural flow1,4,5 and increases OR efficiency1,4,5
- Makes fewer instrument exchanges possible1,4,5
- Potentially reduces the number of instruments used in procedures5,Ω

†29 of 29 surgeons agree
‡27 of 29 surgeons agree
§17 out of 17 surgeons agree
ΩCompared to surgeon’s primary device
††25 of 29 surgeons agree

PRODUCT INFORMATION
The LigaSure™ Retractable L-hook device:
- Provides precise, versatile, and effective energy dissection\textsuperscript{1,†,‡‡}
- Delivers improved tip visualization compared to straight jaw devices\textsuperscript{1,§}
- Provides ability to create an otomy (gastrotomy and enterotomy)\textsuperscript{2,7}

The Maryland-style jaws of the LigaSure™ retractable L-hook device:
- Deliver improved access to targeted tissues compared to straight jaw devices — even in tight spaces\textsuperscript{1,†}
- Provide the ability to follow the curvature of the uterus/stomach\textsuperscript{1,††}
- Allow for easy skeletonization of vessels\textsuperscript{1,‡‡}

\textsuperscript{†28 of 29 surgeons agree}
\textsuperscript{‡Compared to straight jaw devices}
\textsuperscript{§25 of 29 surgeons agree}
\textsuperscript{ΩCompared to LigaSure™ Advance}
\textsuperscript{††9 of 12 surgeons agree}
\textsuperscript{‡‡29 of 29 surgeons agree}
Simply press a lever on the handle to deploy the retractable L-hook—and deliver precise, versatile, and effective energy dissection.  

**Precision at your fingertip** when you need it.

Compared to the LigaSure Advance™ instrument:

The retractable L-hook is there when you need it, and out of the way when you don’t. The L-hook device:

- Features a more versatile monopolar tip†
- Improves monopolar tip visualization‡
- Improves dissection§

†29 of 29 surgeons agree
‡17 of 17 surgeons agree
§9 of 12 surgeons agree
The LigaSure™ retractable L-hook laparoscopic sealer/divider is a 5 mm bipolar/monopolar electrosurgical instrument intended for use in minimally invasive surgical procedures where ligation and division of vessels, tissue bundles, and lymphatics is desired. The LigaSure™ sealer/divider can be used on vessels (arteries and veins) up to and including 7 mm in diameter. The Valleylab™ monopolar L-hook can be used to dissect through tissue planes and to create enterotomies or gastrotomies.

It is indicated for use in general surgery and such surgical specialties as urologic, vascular, thoracic, colorectal, bariatric, and gynecologic. Procedures may include, but are not limited to, gastric bypass, hysterectomy, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, oophorectomy, etc.

The LigaSure™ system has not been shown to be effective for tubal sterilization or tubal coagulation for sterilization procedures. Do not use the LigaSure™ system for these procedures.
ORDERING INFORMATION

**LF5644**
LigaSure™ 44 cm Retractable L-Hook Laparoscopic Device
Quantity: 6 each

**LF5637**
LigaSure™ 37 cm Retractable L-Hook Laparoscopic Device
Quantity: 6 each

Let’s bring value and versatility to your OR. Call your local Medtronic sales representative today or visit medtronic.com/ligasure-hook
REFERENCES

2. Based on internal test report #RE000032739, Independent surgeon feedback collected during cadaver and porcine lab. February 2016.
3. Based on Medtronic electrosurgery and advanced energy product catalogs compared to Ethicon’s current catalog.
5. Based on internal report #US161132, Derived from data from 2001-2016 (YTD November 2016) which shows quantities sold.