# COVIDIEN ENERGY.

Performance Amplified.



# LigaSure<sup>™</sup> Maryland Jaw Open/Laparoscopic Sealer/Divider Reach for perfection.

Efficient. Versatile. Multifunctional.

LigaSure<sup>™</sup> Maryland jaw combines one-step sealing with the functionality of a Maryland dissector, atraumatic grasper and cold scissors with the reliability of LigaSure<sup>™</sup> technology.

## EFFICIENT

COVIDIEN

- One-step sealing provides efficient transection speed<sup>1</sup>
- Design allows for minimal steps when sealing and dividing<sup>1</sup>
- The actions to grasp, seal and cut are simple and intuitive<sup>1</sup>

## VERSATILE

- Enhanced blunt dissection<sup>1</sup>
- Improved tip visualization<sup>1</sup>
- Reduced instrument exchanges<sup>1</sup>

## MULTIFUNCTIONAL

- A Maryland dissector, grasper and cold scissors all from one device
- Consistency, control and safety of LigaSure<sup>™</sup> technology

# One-step sealing.

**GRASPING AND MANIPULATING TISSUE** 

Place the tissue in the jaws and pull back on the handle. The **first click** indicates the end of the grasp zone and alerts the user that additional pressure will activate energy. SEALING VESSELS AND TISSUE BUNDLES

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DIVIDING TISSUE

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Deliver RF energy by squeezing the lever until the **purple activation button clicks**. Continue to hold the lever closed until the seal cycle is complete.\*

\*A continuous tone sounds to indicate that the vessel or tissue is being sealed. When the seal cycle is complete, a short end tone sounds (two consecutive tones) and RF output ceases.

Pull the **cutting trigger**. Release the cutting trigger to retract the blade.



# LigaSure<sup>™</sup> technology is supported by over 300 peer-reviewed clinical studies and over eight million procedures.

### WHAT SURGEONS HAVE SAID ABOUT THE LIGASURE<sup>™</sup> MARYLAND DEVICE

#### After using the LigaSure<sup>™</sup> Maryland device:

- 100% of general surgeons agreed that it will reduce instrument exchanges in surgery<sup>1</sup>
- 90% of general surgeons agreed that the integrated cutter will reduce the need for additional cold scissors<sup>1</sup>
- 80% of general surgeons agreed that the device will reduce the need for additional dissecting instruments<sup>1</sup>
- The majority of surgeons agreed that the secure and atraumatic grasping will reduce the need for an additional grasper<sup>1</sup>
- 100% of surgeons surveyed after using the instrument believe that the LigaSure<sup>™</sup> Maryland device provides efficiency throughout the procedure<sup>1</sup>

# COVIDIEN LIGASURE Maryland 5mm-37 cm

### WHY MORE SURGEONS CHOOSE LIGASURE<sup>™</sup> TECHNOLOGY

# Compared to mechanical ligation techniques, LigaSure<sup>™</sup> technology has been shown to significantly reduce:

- Operative blood loss in colorectal, gynecologic and urologic surgery<sup>4-9</sup>
- Perioperative blood transfusions in gynecologic, urologic and general surgery<sup>8,10,11</sup>
- Procedure time in colorectal, gynecologic and urologic surgery<sup>4,6,7,9,12,13</sup>
- Length of hospital stay in gynecologic and urologic surgery<sup>6,13</sup>

# Compared to other energy-based modalities, LigaSure<sup>™</sup> technology has been shown to significantly reduce:

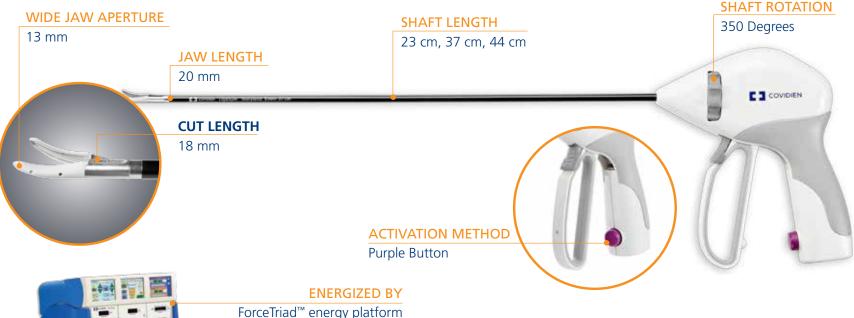
- Operative blood loss in colorectal and gynecologic surgery<sup>14-17</sup>
- Procedure time in colorectal and gynecologic surgery<sup>11, 17</sup>

# Multiple lengths provide standardization across procedures<sup>2</sup>

23 cm provides access in deep and confined spaces<sup>1</sup>

(software version 3.60 and higher)

• 44 cm provides additional reach<sup>2</sup>





# **Ordering Information**

Catalog Number	Quantity Per Package	Product Description
LF1723	6 each	LigaSure <sup>™</sup> Maryland Device – 23 cm
LF1737	6 each	LigaSure <sup>™</sup> Maryland Device – 37 cm
LF1744	6 each	LigaSure <sup>™</sup> Maryland Device – 44 cm

1. Based on independent surgeon feedback collected during Covidien-sponsored labs conducted April 16-18, 2013 and April 30-May 3, 2013 2. LigaSure<sup>™</sup> Maryland device IFU

3. Compared to standard length laparoscopic devices