

# Medtronic

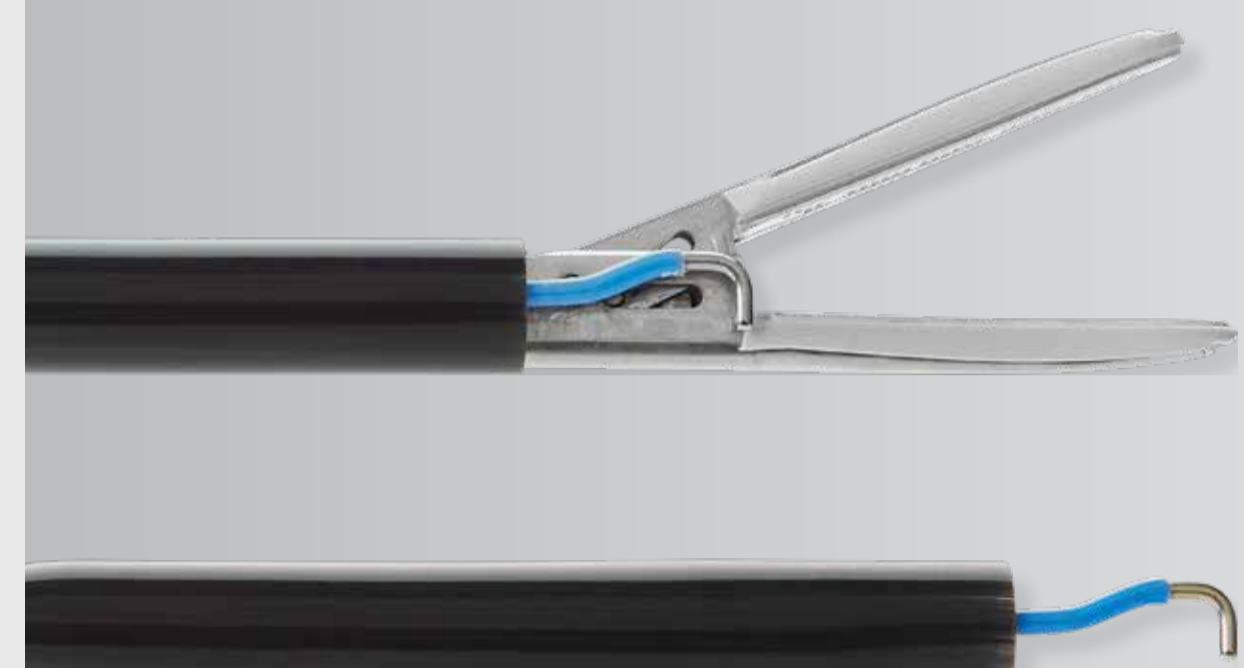


## TRANSFORMING GYNECOLOGICAL HEALTH TOWARDS MEASURABLY BETTER OUTCOMES



### LigaSure™ Impact Device With Nano-Coated Jaws

The reliable performance of LigaSure™ vessel sealing technology is better than ever. Because the nonstick nano-coating on the jaws of the LigaSure Impact™ device reduces sticking,<sup>1</sup> eschar buildup,<sup>2,†</sup> and cleaning.<sup>2,‡</sup>



### LigaSure™ Retractable L-hook Laparoscopic Vessel Sealer/Divider

The LigaSure™ L-hook device delivers the benefits of five devices in one:<sup>3</sup>

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



### LigaSure™ Maryland Jaw Open Laparoscopic Sealer/Divider

Combines one-step sealing with the functionality of a Maryland dissector, atraumatic grasper and cold scissors with the reliability of LigaSure™ technology.



### Sonicision™ Cordless Ultrasonic Dissector

The industry's first cordless ultrasonic device.

## HOW LIGASURE™ TECHNOLOGY IMPROVES OUTCOMES FOR SURGEON AND PATIENT.

## SHOWN TO REDUCE POST-OPERATIVE COMPLICATIONS BY AN AVERAGE OF

# 33-78%

Reduced rate of patient complications with LigaSure™ devices in comparison to conventional ligation, would potentially decrease complication-related cost burdens<sup>6</sup>

## UP TO 60%

## REDUCTION IN HOSPITAL STAY<sup>7</sup>



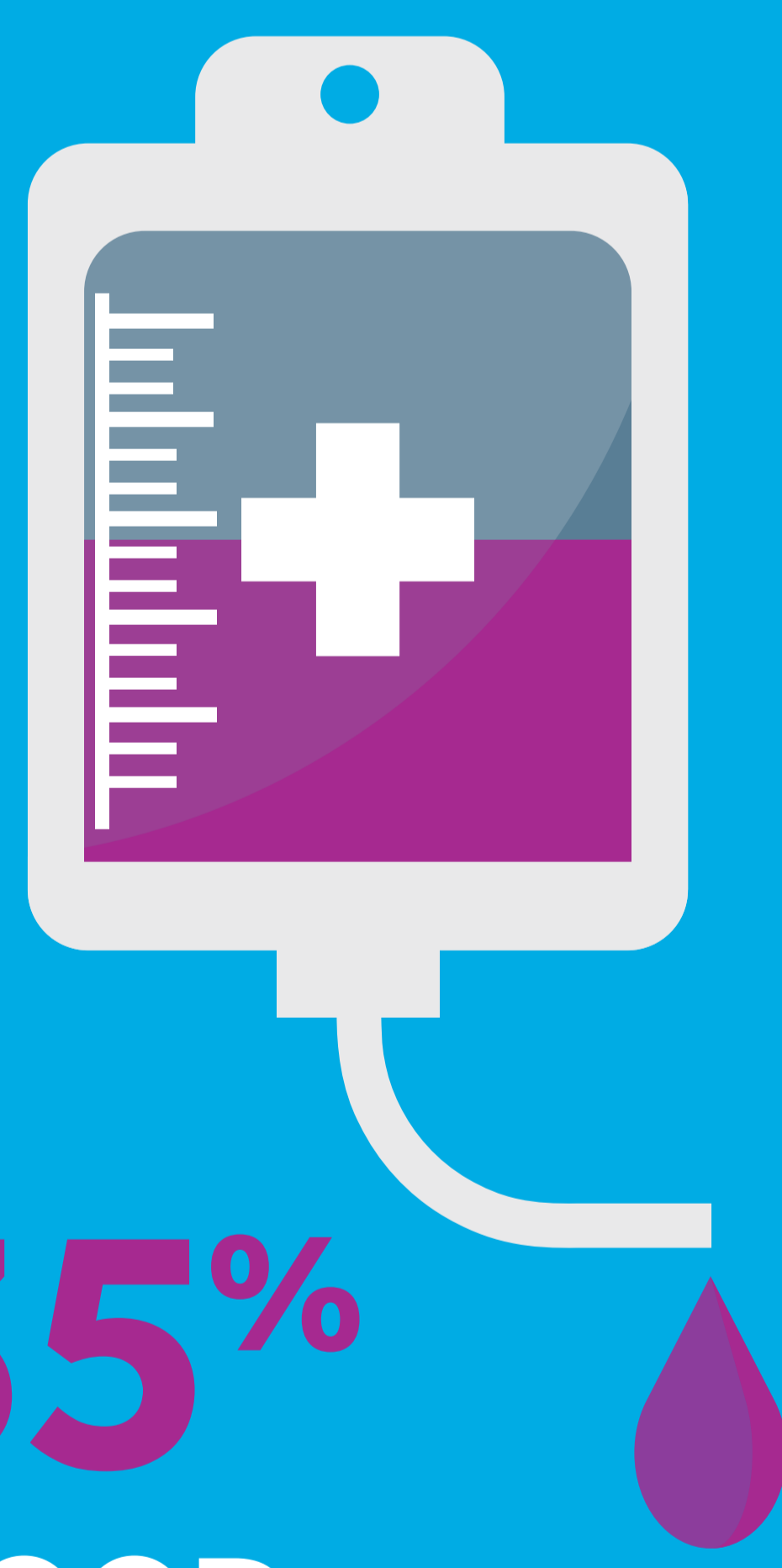
When using LigaSure™ technology, compared to traditional ligation hospital stay can reduce from **3 days to 1,2 days<sup>7</sup>**



# -23%

## IN OPERATIVE TIME

LigaSure™ devices have on average reduced procedure time by **23,1% (± 3, 1% SEMe)** compared to conventional ligation<sup>4</sup>



# -35%

## BLOOD LOSS

LigaSure™ devices have reduced blood loss by an average of **34,6 % (± 5,6 % SEMe)** compared to conventional ligation<sup>5</sup>



## SUBSTANTIAL COST SAVINGS

In comparison to suture ligation, LigaSure™ devices have been reported to **reduce Hospital, Staffing, and Per-Procedure Costs<sup>8</sup>**

1. Based on internal test report #RE00034755, LF4418 design verification report: benchtop testing using porcine abdominal aorta, mesentery, and renal arteries, with average (lbs.) sticking force, Feb. 24, 2016 and March 25, 2016.  
2. Based on internal test report #RE00057355, Lig-40 report product claim LF4418: benchtop testing using porcine uterine tissue. Eschar buildup assessed using optical imaging analysis after 20, 40, and 60 seal and divide cycles. July 29, 2016. ng porcine labs. June 21-22, 2016.  
3. Based on internal test report #RE000032739. Independent surgeon feedback collected during cadaver and porcine lab, February 2016.  
4. Based on 32 papers published between 2007 and 2017 on Colorectal, Hysterectomy, and Thyroidectomy procedures. Based on internal report #US170824 Global Value Dossier for LigaSure™ technology, October 26, 2017.  
5. Based on 17 papers published between 2008 and 2016 on Colorectal, Hysterectomy, and Thyroidectomy procedures. Based on internal report #US170824 Global Value Dossier for LigaSure™ technology, October 26, 2017.  
6. Based on 3 papers published between 2009 and 2017 on Hysterectomy and Thyroidectomy procedures. Based on internal report #US170824 Global Value Dossier for LigaSure™ technology, October 26, 2017.  
7. Ding Z, Wable M, Rane A. Use of LigaSure™ bipolar diathermy system in vaginal hysterectomy. J of Obstet Gynaecol. 2005;25(1):49-51. 5, 5.  
8. Based on 3 papers published between 2008 and 2011 on Hysterectomy and Thyroidectomy procedures. Based on internal report #US170824 Global Value Dossier for LigaSure™ technology, October 26, 2017.  
† Eschar build-up assessed using optical imaging analysis after 60 seal and divide cycles.  
‡ Using a wet gauze cleaning fixture, and optical imaging ~analysis. Cleaning effectiveness assessed after each of two cleaning cycles.