

Medtronic

# Access granted.

Enhance access throughout  
your thoracoscopic  
procedures<sup>1-5,†,‡,§</sup>

LigaSure™ Maryland jaw  
thoracic device



Signia™ small  
diameter reloads

# Big innovations for small spaces



## Advanced energy designed<sup>6-10</sup> for VATS procedures

Get the benefits of LigaSure™ vessel sealing technology – in a design optimized for thoracoscopic and VATS procedures.<sup>6-10</sup> In your hand, it can deliver:

- A curved profile that improves access<sup>1,2,4,5</sup> and tip visualization<sup>1,2,Ω</sup>
- The ability to seal pulmonary vasculature up to and including 7 mm<sup>6-10</sup>
- The added functionality of a Maryland dissector, grasper, and cold scissors
- Nano-coated jaws for less eschar build-up and fewer cleanings<sup>1,11,††</sup>

## Stapling for greater access<sup>5,†</sup>

The Signia™ small diameter reload:

- Provides true 8 mm access
- Produces 10 times less tension on vessels during clamping compared to Echelon Flex™ PVS<sup>12,‡‡</sup>
- Provides a 15% narrower anvil than Echelon Flex™ PVS<sup>5</sup>

## Get the access you need in your thoracoscopic procedures<sup>1-5,†,‡,§</sup>

CODE	DESCRIPTION	CARTRIDGE COLOR	UNITS/BOX
LF1930T	LigaSure™ Maryland Jaw Thoracic Sealer/Divider	—	6
SIGSDS30CTV	30 mm Signia™ Small Diameter Short Reload with Curved Tip	Gray	6
SIGSDS30CTVT	30 mm Signia™ Small Diameter Short Reload with Curved Tip	White	6
SIGSDL45CTVT	45 mm Signia™ Small Diameter Long Reload with Curved Tip	White	6

## Contact your sales representative or visit [medtronic.com/covidien](https://medtronic.com/covidien)

†Compared to the Echelon Flex™ PVS. ‡Compared to straight jaws. §31 of 33 surgeons surveyed after use agreed. Ω30 of 33 surgeons surveyed after use agreed. ††Compared to the legacy device. Cleaning effectiveness assessed after each of two cleaning cycles. ‡‡Bench test results may not necessarily be indicative of clinical performance. n = 10; PVS 35 mm white 2.5 mm cartridge: n = 18. P = 0.000.

1. Based on internal test report #RE00140529 rev A, LigaSure™ Maryland device, nano-coated tissue testing (memo). March 5, 2018. 2. Based on internal test report #RE00071598, Maryland validation labs, Houston and Los Angeles: independent surgeon feedback collected during porcine labs. April 16-18 and April 30-May 3, 2013. 3. Based on internal report #RE00147462, Pulmonary sealing claims for the LigaSure™ LF1930T device (memo). March 29, 2018. 4. Based on internal test report #R0035742, Maryland validation, Houston and Los Angeles: independent surgeon feedback collected during porcine labs. April 16-18 and April 30-May 3, 2013. 5. Based on report #RE00142825, Image creation for Signia™ small diameter reload. March 26, 2019. 6. Based on internal report #RE00138840, LIG-45 memo, device length recommendation, thoracic (LF1930T). February 2018. 7. Based on internal test report #RE00125866, Jaw force and gap range burst pressure evaluation of EB4 7. thoracic Maryland device (LF1930T); conducted on bovine tissue. Nov. 20-21, 2017 and Nov. 27-30, 2017. 8. Based on internal test report #RE00134865, burst pressure verification of pulmonary bovine veins using the LigaSure™ LF1930T device. Jan. 17-18, 2018. 9. Based on internal test report #RE00122515, Verification of the LigaSure™ LF1930T device in a GLP chronic hemostasis canine study on pulmonary vasculature. Jan. 8-10, 2018. 10. Based on internal test report #RE00128442, GLP acute pulmonary vasculature hemostasis verification study of the LigaSure™ LF1930T device in hounds. Dec. 8, 2017. 11. Based on internal test report #RE00071599, LF19XX MJC marketing claims testing conducted on porcine tissue, Feb. 7-22, 2017. 12. Based on internal report #RE00209946, Vessel tension analysis: Signia™ small diameter reload vs. Echelon™ PVS. Sept. 17, 2019. 13. Based on internal report #RE0014682, Small diameter reload summative usability. June 19-20, 22, 2017.

This material should not be considered the exclusive source of information, it does not replace or supersede information contained in the device manual(s). Please note that the intended use of a product may vary depending on geographical approvals. See the device manual(s) for detailed information regarding the intended use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. For a MRI compatible device(s), consult the MRI information in the device manual(s) before performing a MRI. If a device is eligible for eIFU usage, instructions for use can be found at Medtronic's website manuals.medtronic.com. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser. Medtronic products placed on European markets bear the CE mark and the UKCA mark (if applicable). For any further information, contact your local Medtronic representative and/or consult Medtronic's websites.