

LigaSure™ RAS Maryland

# See the innovation, trust the seal.

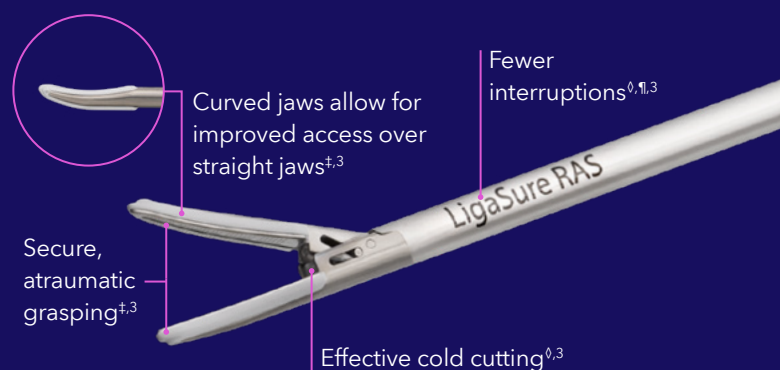
LigaSure™ technology has earned the trust of surgeons in more than 35 million procedures<sup>†</sup> – and it's launching a new era in robotic-assisted surgery (RAS). The LigaSure™ RAS Maryland jaw vessel sealer/divider is the first robotically driven LigaSure™ instrument, combining the reliable vessel sealing of the ValleyLab™ FT10 generator with the versatility of the Hugo™ RAS system.<sup>1,2</sup>



## Reliable vessel sealing for robotic procedures<sup>‡,3</sup>

- Seals vessels up to 7 mm in diameter<sup>§,4,5</sup>
- Same LigaSure™ burst pressure performance standard of 360 mmHg (3x systolic blood pressure)<sup>§,4,5</sup>
- Provides effective ligation and division of vessels, thick tissue (tissue bundles), and lymphatics<sup>1,2,6</sup>

## Multifunctional design for improved procedural efficiency<sup>‡,1,3</sup>



<sup>†</sup> Based on internal sales data from FY01-FY23. November 2023.

<sup>‡</sup> 16 of 16 surgeons surveyed after use agreed.

<sup>§</sup> Bench tissue and animal model may not be indicative of clinical tissue performance but is a controllable substitute acceptable to regulatory bodies.

<sup>‡</sup> 15 of 16 surgeons surveyed after use agreed.

<sup>‡</sup> Compared to procedures without a vessel sealer.



# Confidence in every seal.

The LigaSure™ RAS Maryland device is available exclusively on the Hugo™ RAS System, which enables wider adoption of minimally invasive surgery and its benefits.

- Independent arm carts give you increased range of motion for better access to anatomy<sup>†,7</sup>
- A modular design can provide you with increased maneuverability<sup>†,7</sup>
- 3-D visualization features
- Postoperative results comparable to the most common robotic system<sup>9</sup>
- Efficiency and ergonomics demonstrated in robotic sacrocolpopexy<sup>†,10</sup>

Contact your Medtronic representative or scan here for more information.



**Product code:** MRASILF19

**Description:** LigaSure™ RAS Maryland jaw vessel sealer/divider

**Quantity:** 6 per box



## Disclaimer

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.

The Medtronic Hugo™ RAS system is commercially available in certain geographies. Regulatory requirements of individual countries and regions will determine approval, clearance, or market availability. In the EU, the Hugo™ RAS system is CE marked. In the U.S., the Hugo™ system is an investigational device not for sale.

The LigaSure™ RAS Maryland jaw vessel sealer/divider is not commercially available in all regions.

† The surgical setup referenced in this publication was not evaluated or tested by Medtronic. Please note that if using this setup, the device may not reach all regions of the intended surgical field, resulting in decreased workspace at the bedside and/or increased arm collisions. These situations may lead to procedure delays and/or harm to patient or user.

1. LigaSure™ RAS Maryland [indications for use]. p5. 2024. 2. Based on internal test report #RE00476319\_B, Verification Acute. Table 1. Oct 19, 2019. 3. Based on internal test report #RE00540481, LigaSure™ RAS Maryland jaw sealer/divider surgeon validation marketing report. Based on porcine model. April 26-May 3, 2024. 4. Based on internal test report #RE00476260\_A, Marystein BenchBurst. Table 1. Aug 15, 2024. 5. Based on internal test report #RE00476323\_A, Ver Chronic summary of results. Dec 9, 2023. 6. Based on internal test report #RE00476346\_A, Marystein LymphBurst. Table 1. Aug 11, 2024. 7. Mintz Y, Pikarsky AJ, Brodie R, Elazary R, Helou B, Marom G. Robotic inguinal hernia repair with the new Hugo RASTM system: first worldwide case series report. *Minim Invasive Ther Allied Technol.* 2023;32(6):300-306. 9. Ragavan N, Bharathkumar S, Chirravur P, Sankaran S. Robot-Assisted Laparoscopic Radical Prostatectomy Utilizing Hugo RAS Platform: Initial Experience. *J Endourol.* 2023;37(2):147-150. 10. Panico G, Vacca L, Campagna G, et al. The first 60 cases of robotic sacrocolpopexy with the novel HUGO RAS system: feasibility, setting and perioperative outcomes. *Front Surg.* 2023;10:1181824.

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