YOUR CHALLENGES SHAPE OUR SOLUTIONS.

Valleylab™ energy stands for confidence

Medtronic Further, Together
1967
Valleylab™ energy is established.

1968
First portable solid-state electrosurgical generator.

2006
ForceTriad™ energy platform with tissue-sensing technology that adjusts energy output.¹

2014
A safer OR and freedom of movement with the Sonicision™ cordless ultrasonic dissection device.²
The future of surgical energy is here. It’s based on your needs, and born out of our commitment to create innovative products that enable you to deliver the best possible patient outcomes. For 50 years, we’ve led the charge to revolutionize surgical energy. We’ve been laser-focused on innovations that give surgeons greater control and confidence to do what they do best. We’ve been dedicated to creating products that increase efficiency. We’ve been committed to finding solutions to your challenges. And with your help, we’ve come a long way. Because when you partner with Medtronic, the future of surgical energy is in your hands.

1981
The first patient return electrode system, which reduces the risk of pad site burns.

1999
LigaSure™ vessel-sealing technology is created.

2016
The Valleylab™ FT10 energy platform makes our portfolio better than ever.3,4

2017
The multifunctional LigaSure Impact™ device is upgraded with nonstick nano-coating that: reduces sticking,5 eschar buildup,6,† and cleaning,6,‡ to facilitate procedural efficiency.7

† 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.
CONSISTENT PERFORMANCE FOR ALL YOUR ENERGY NEEDS.

Our intelligent systems improve consistency, enhance performance and continually redefine the standard of care.

An unwavering commitment to quality, collaboration, and advancing patient care. That's why Valleylab™ energy has been adapting to meet your evolving needs.
OUR TECHNOLOGY IN YOUR HANDS.
A POWERFUL PARTNERSHIP.
CLINICAL CONFIDENCE

- LigaSure™ technology has a 95% probability of burst pressure greater than three times normal systolic blood pressure.\(^5\)
- Valleylab™ electrosurgery devices have been improving surgical care with high-quality products and consistent clinical performance for 50 years.

COST OF CARE EFFICIENCIES

- As compared to standard ligation, LigaSure™ technology has been proven to reduce blood loss, time in the OR, and postoperative length of stay.\(^8\)-\(^13\)
- The consistent performance of Valleylab™ electrosurgery devices can potentially lead to cost savings.\(^13\)

STANDARDIZATION VALUE

- Valleylab™ energy has one of the most comprehensive portfolios in the industry.
REFERENCES


