

# MORE CONTROL. MORE CONFIDENCE.†



The Force TriVerse™ Electrosurgical Device  
with Valleylab™ Mode

**Product Information Kit**

†Compared to traditional monopolar devices.

**Medtronic**  
Further, Together



# WHERE **CONFIDENCE** WAS BORN.

Inspiring confidence in the OR. That's been a driving force behind the Valleylab™ energy portfolio for more than 50 years.

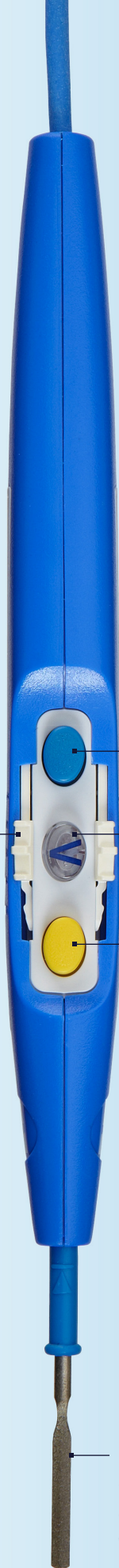
It's why we developed the Force TriVerse™ electro-surgical device. And it's why surgeons have used it in nearly three million procedures worldwide.<sup>1</sup>

## **Taking the standard electro-surgical pencil to the next level.**

Like traditional pencils, the Force TriVerse™ device delivers cut and coag modes. But it also enables access to Valleylab™ mode — a unique combination of monopolar hemostasis and dissection. The result is a smoother passage through tissue with less thermal effect than traditional coagulation mode.<sup>2-4</sup>

That's three modes for more options. All with the same goal: to advance patient care.

# FOR SURGEONS WHO CRAVE CONTROL.



## Power Control

Slider allows you to adjust power output in the sterile field<sup>†</sup>

## Fingertip Control

Three buttons to offer three unique modes:

### Coag

for hemostasis

### Valleylab™ mode

to divide tissue with controlled hemostasis

### Cut

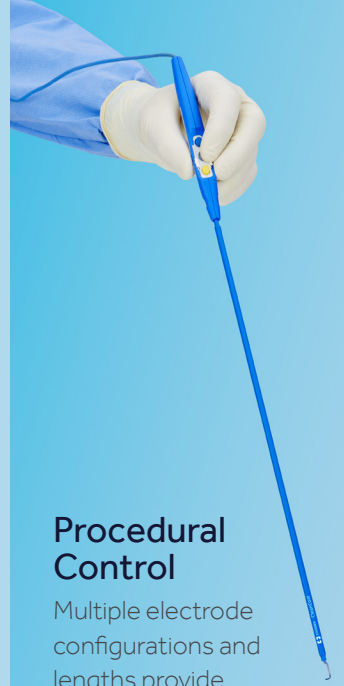
to cut tissue with minimal coagulation/hemostasis

## Cleaning Control

Compatible Edge™ electrodes are coated to facilitate cleaning during the procedure

Surgeons say the Force TriVerse™ device may make surgery easier<sup>5,†</sup> and save time<sup>6,‡</sup> compared to traditional monopolar devices

<sup>†</sup>7 of 8 surgeons surveyed after use agreed.  
<sup>‡</sup>8 of 9 surgeons surveyed after use agreed.



## Procedural Control

Multiple electrode configurations and lengths provide myriad options to suit procedural needs



## Comfort Control

A familiar handle design with a gripping surface

## Smart Control

A smart connector allows the Valleylab™ FX8 and FT10 energy platforms to immediately verify the device and use default power settings<sup>8,9</sup>



# THE POWER OF THREE.

The Force TriVerse™ device is compatible with Valleylab™ electrosurgical generators. But its performance is optimized when used with the Valleylab™ FT10 and FX8 energy platforms.

That's because Valleylab™ energy platforms enable Valleylab™ mode — a responsive energy mode that provides dissection and thermal effect with the activation of a single button.<sup>3,5,6</sup>

In Valleylab™ mode, the Force TriVerse™ device delivers:

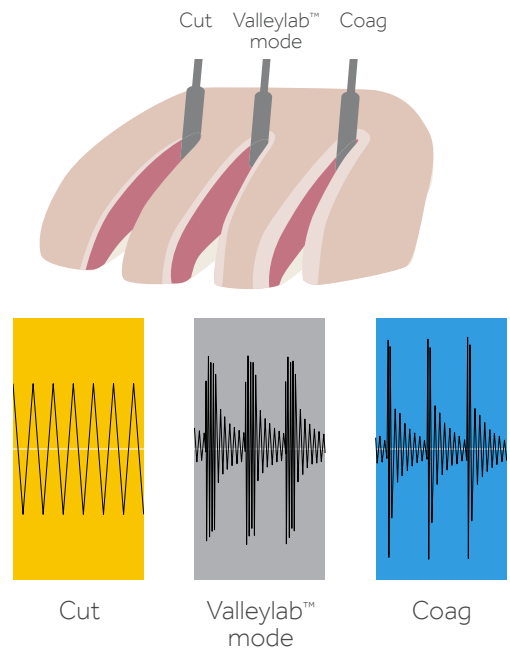
- Smooth passage through tissue<sup>2,4</sup>
- Less thermal effect than coagulation mode<sup>2</sup>
- Statistically lower drag values compared to coag mode<sup>3,4</sup>



## Three Benefits of Valleylab™ Mode

Valleylab™ mode is an intermediary mode that combines the advantages of cutting and coagulation modes.<sup>3-6</sup> It's been shown to<sup>3,4,10,11,†</sup>:

- Reduce lateral thermal spread
- Reduce electrode drag through tissue
- Reduce peak voltage



# DRIVE YOUR ELECTRODE WITH **PRECISION**

The Valleylab™ FX8 and FT10 energy platforms make the benefits of Valleylab™ mode a reality



## Valleylab™ FX8 Energy Platform

The Valleylab™ FX8 energy platform is an intuitive-to-use, low-energy solution that adapts to tissue variability for precision in electrosurgery.<sup>4,12</sup> When used with the Force TriVerse™ device, it can deliver:

- Precise energy delivery for consistent tissue effects<sup>4,12</sup>
- Power control during monopolar energy delivery that's five times better than the Force Triad™ energy platform<sup>4,12</sup>
- Tissue monitoring that's 2600 times faster than the Force FX™ electrosurgical generator<sup>13-15</sup>



## Valleylab™ FT10 Energy Platform

The Valleylab™ FT10 energy platform drives our full portfolio of energy-based devices — and makes them better than ever. It can power bipolar LigaSure™ devices and monopolar instruments. And when used with the Force TriVerse™ monopolar device, it provides:

- More precise electrosurgical performance than the Force Triad™ energy platform<sup>15</sup>
- A broad range of tissue effects<sup>16</sup>



## Making Smart Devices Smarter

The built-in smart TissueFect™ tissue sensing technology in the Valleylab™ FT10 and FX8 energy platforms improves the speed and consistency of hand-held devices by reading tissue composition in real time.<sup>15,17,18,†</sup>

TissueFect™ technology examines device performance 434,000 times per second, monitoring tissue impedance and allowing effective and efficient energy delivery.<sup>15,17,18</sup> This technology is only available on Valleylab™ energy platforms and powers all electrosurgical and advanced bipolar functions.

†Compared to device performance when used with legacy generators.

# PRODUCT REQUEST FORM

I am requesting the following instruments be stocked in our facility so I have consistent access to them for my cases:

- Force TriVerse™ electro-surgical device with 10-foot cord (FT3000)
- Force TriVerse™ electro-surgical device with 15-foot cord (FT3000DB)
- Valleylab™ FT10 Energy Platform (VLFT10GEN)
- Valleylab™ FX8 Energy Platform (VLFX8GEN)

The Force TriVerse™ electro-surgical device with Valleylab™ mode provides:

- Smooth passage through tissue<sup>1,2</sup>
- Less thermal effect than coagulation mode<sup>1-3</sup>
- Statistically lower drag values compared to coag mode<sup>1,3</sup>

I am confident in using an electro-surgical device that has been used in more than 2.8 million procedures worldwide.<sup>4</sup>

Thank you for reviewing this information. Please feel free to contact me if you have any questions.

Sincerely,

Additional Comments:

1. Based on internal test report #RE0068753, A quantitative comparison to conventional monopolar electro-surgery: L- hook monopolar drag force measurements. March 2017.
2. Based on internal memo #RE00105221, Energy equivalence memo for the Valleylab™ FX8 and FT10 energy platforms (VLFX8GEN/ VLFT10GEN). July 2017.
3. Based on internal test report # RE00115057, Monopolar performance of Valleylab™ mode on the Valleylab™ FT10 energy platform. September 2017.
4. Based on internal analysis of Cognos report, Worldwide sales data for Force TriVerse™ devices (FT3000DB/FT3000). April 2018.

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## ORDERING INFORMATION

Code	Description	Quantity
FT3000	Force TriVerse™ electrosurgical device 10-foot cord	25/case
FT3000DB	Force TriVerse™ electrosurgical device 15-foot cord	25/case
VLFT10GEN	Valleylab™ FT10 Energy Platform	
VLFX8GEN	Valleylab™ FX8 Energy Platform	

Please contact your sales representative for more information about the Force TriVerse™ device and our comprehensive portfolio of energy products

Visit us at [medtronic.com/forcetraverse](https://www.medtronic.com/forcetraverse)



1. Based on internal analysis of Cognos report, Worldwide sales data for Force TriVerse™ devices (FT3000DB/FT3000). April 2018.
2. Based on internal test report #RE0068753, A quantitative comparison to conventional monopolar electrosurgery: L- hook monopolar drag force measurements. March 2017.
3. Based on internal test report # RE00115057, Monopolar performance of Valleylab™ mode on the Valleylab™ FT10 energy platform. September 2017.
4. Based on internal memo #RE00105221, Energy equivalence memo for the Valleylab™ FX8 and FT10 energy platforms (VLFX8GEN/VLFT10GEN). July 2017.
5. Based on internal test report #RE00099998 rev A, Product introductions for the Valleylab™ FX8 energy platform. September 2017.
6. Based on internal test report #RE00099997 rev A, Product introductions for the Valleylab™ FX8 energy platform. September 2016.
7. Force TriVerse™ electrosurgical device [instructions for use], Mansfield, MA: Medtronic; 2011.
8. Based on internal test report #RE00082335, UI software requirements specification for the Valleylab™ FX8 energy platform. February 2018.
9. Based on release test report #R0054643 rev A, Software release 3.4.0 ORION. March 2014.
10. Based on report #RE00076312 rev D, System and product verification for the Valleylab™ FX8 energy platform (VLFX8GEN). September 2017.
11. Based on report #RE00155061 rev A, Valleylab™ mode relative voltage (memo). May 2018.
12. Based on internal test report #RE00005401, Product validation of Valleylab™ FT10 energy platform surgeon and nurse evaluation in simulated use: 32 surgeons interviewed. January 27 to 30, 2015 and Feb. 24 to 27, 2015.
13. Valleylab™ FX8 energy platform part # PT00046835\_A [service guide]. Boulder, CO: Medtronic. 2017.
14. Force FX™ electrosurgical generator 8C part # PT00002139 [service manual]. Boulder, CO: Medtronic. 2014.
15. Based on report #RE00034263 rev F, Product requirements document for project Kirin. July 2017.
16. Based on internal report # R0064443 rev A, Ex-vivo monopolar procedural flow evaluation the Valleylab™ FT10 energy platform. November 2014.
17. Valleylab™ FT10 energy platform part #1079477\_rev [service manual]. Boulder, CO: Medtronic. January 2015.
18. Valleylab™ FX8 energy platform part #PT00053621 [user guide]. Boulder, CO: Medtronic. June 2017.

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