

# MINIMAL ENERGY. MAXIMUM PRECISION.<sup>1,2,†</sup>

The newest addition to Valleylab™ energy —  
made to enhance the performance of  
your electrosurgical handpieces<sup>1,2,†</sup>

The Valleylab™ FX8 Energy Platform  
Product Brochure



<sup>†</sup>Compared to the ForceTriad™ energy platform

**Medtronic**  
Further. Together

# A REPUTATION BUILT ON TRUST AND INNOVATION.

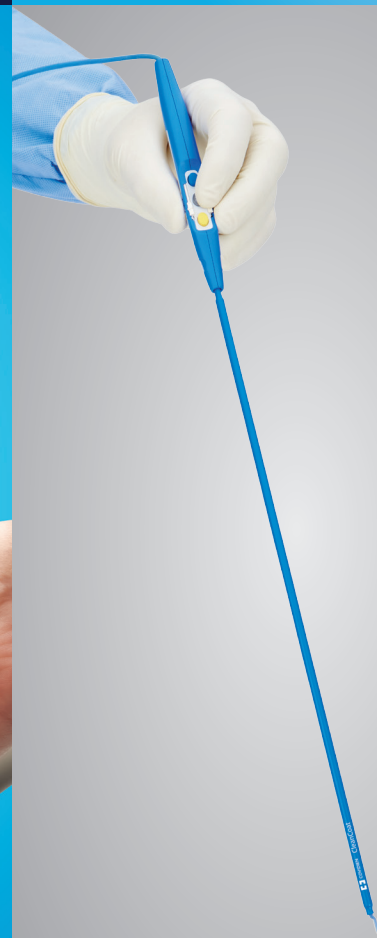
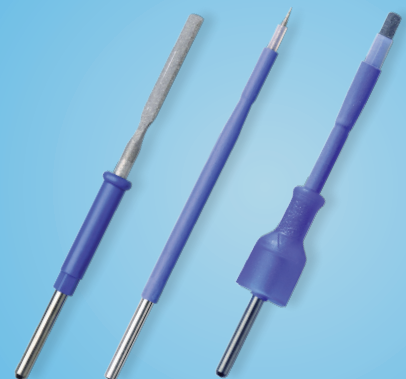
## The Valleylab™ Energy Portfolio

Intelligent technologies that are simple to use.<sup>3,†</sup> Those qualities have helped inspire confidence in Valleylab™ energy-based products for more than 50 years. They will always be a driving force behind our electro-surgical devices.

That includes the newest advancement in our energy-based portfolio: the Valleylab™ FX8 energy platform. It's an intuitive-to-use, low-energy solution that adapts to tissue variability for precision in electro-surgery.<sup>1,2</sup>

Think of it as part of our longstanding commitment to offering solutions made to improve the clinician's experience — and the patient's. Think of it as another reason that the Valleylab™ energy portfolio stands for confidence.

†17 of 20 surgeons surveyed agreed and 3 didn't know or could not reply to this question.



# THE POWER OF PRECISION.

The Valleylab™ FX8 energy platform  
puts consistency in your hands<sup>1,2</sup>

The Valleylab™ FX8 energy platform is driven by our intelligent tissue-sensing technology. As you use your energy-powered tools, it reads tissue composition to monitor and adjust to impedance.<sup>4,5</sup>

And when your electro-surgical handpiece can adapt to variable tissue in real time, you get the power of precision.<sup>3,†</sup>

We call it TissueFect™ tissue-sensing technology and it's only available on energy platforms in the Valleylab™ energy portfolio.<sup>5,6</sup>

†12 of 20 surgeons surveyed agreed and 8 didn't know or could not reply to this question.



# CONSISTENT. SIMPLE. SMART.



## Consistency<sup>4,5</sup>

The Valleylab™ FX8 energy platform provides a consistent monopolar effect.<sup>4,5</sup> It uses low levels of energy and smart TissueFect™ tissue-sensing technology to produce consistent clinical tissue effects that result in<sup>3,†</sup>:

- Precise monopolar and bipolar energy delivery<sup>3,†</sup>
- Appropriate thermal spread<sup>7,5</sup>

## Simplicity<sup>3,Ω</sup>

We didn't just design the Valleylab™ FX8 for surgeons. Surgical staff will appreciate its features, too. The intuitive control panel gives users:

- A three-section touch screen optimized for ease of use<sup>3,Ω</sup>
- Simple controls and straightforward information displays<sup>3</sup>

## Smart<sup>4,5</sup>

The Valleylab™ FX8 energy platform gives you monopolar and bipolar functionality. Plus, it delivers Valleylab™ mode — a unique combination of hemostasis and dissection. Using a lower power setting in Valleylab™ mode results in less thermal spread and smoother passage through tissue than traditional coagulation mode.<sup>2,3,8</sup>

## Next-Gen Flexibility<sup>4,5</sup>

The Valleylab™ FX8 energy platform includes the Valleylab™ Exchange software update system. That means its software is easy to update and can be upgraded to new features and functions using the internet. Best of all, there's no need to return the device to a service department — and that can save time and money.



†12 out of 20 surgeons surveyed agreed and 8 didn't know. ‡13 out of 20 surgeons surveyed agreed and 6 surgeons didn't know. One surgeon disagrees. §20 out of 20 surgeons surveyed agreed. Ω17 of 20 surgeons agreed that the Valleylab™ FX8 energy platform is smart, simple, and designed with an intuitive interface. Three surgeons didn't know or could not reply to this question.

# ENHANCED PERFORMANCE

Some of the impressive numbers behind our next-generation low-energy platform

**434,000**  
times per  
second.<sup>1,2</sup>

That's how often TissueFect™ tissue-sensing technology monitors changes in tissue impedance.

**5x**  
better  
power control

during monopolar energy delivery.<sup>1,2,†</sup>

**2600**  
times faster

monitoring tissue than the Force FX™ electrocautery generator.<sup>5,6,9</sup>

**100%**  
of surgeons  
surveyed‡

agreed that the Valleylab™ FX8 energy platform produces an appropriate thermal spread.<sup>7</sup>



Plus, those same surgeons unanimously agreed that the Valleylab™ FX8 delivers<sup>7,†</sup>:

- The expected tissue effects
- Appropriate dissection speed
- Appropriate hemostasis

†Compared to the ForceFX™ electrocautery generator.

‡20 out of 20 surgeons surveyed.

## Ordering Information

**VLFX8GEN** Valleylab™ FX8  
Energy Platform  
1 per package

Let's bring consistency, precision, and simplicity to  
your electrosurgical procedures.

Call your local Medtronic sales representative today



## References

1. 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.
2. Based on internal report #RE00105221, Comparison testing of the Valleylab™ FT10 and ForceTriad™ generators. The Valleylab™ FT10 energy platform has identical power curves and equivalent power delivery for shared modes to the Valleylab™ FX8 energy platform. July 2017.
3. Based on internal report #RE00077924, Marketing evaluation of the Valleylab™ FX8 energy platform: surgeon report. June 2017.
4. Valleylab™ FX8 energy platform part #PT00053621 [user guide]. Boulder, CO: Medtronic. June 2017.
5. Based on report #RE00034263 Rev F, Product requirements document for project Kirin. July 2017.
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7. Based on internal report #RE00092272 Rev A, FX8 validation: nurse and surgeon report. June 2017.
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9. Force FX™ electrosurgical generator 8C part # PT00002139 [service manual]. Boulder, CO: Medtronic. 2014.

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