

MINIMAL ENERGY. MAXIMUM PRECISION.^{1,2,†}

The newest addition to Valleylab™ energy —
made to enhance the performance of
your electrosurgical handpieces^{1,2,†}

The Valleylab™ FX8 Energy Platform
Product Brochure



[†]Compared to the Force Triad™ energy platform

Medtronic
Further. Together

A REPUTATION BUILT ON TRUST AND INNOVATION.

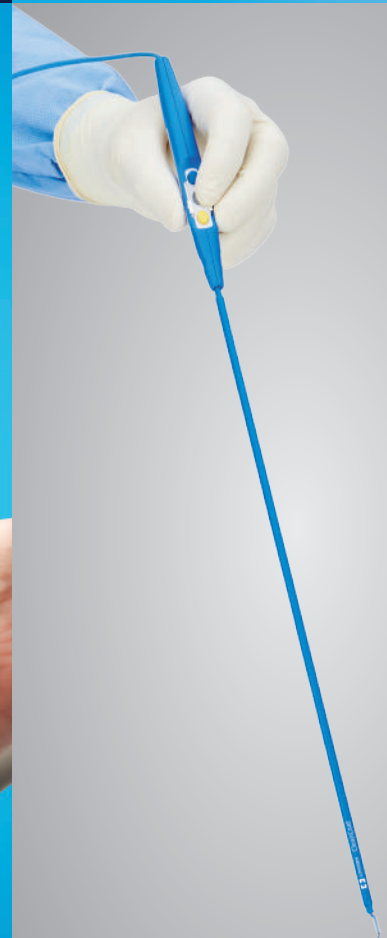
The Valleylab™ Energy Portfolio

Intelligent technologies that are simple to use.^{3†} 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 electrosurgical 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 electrosurgery.^{1,2}

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^{1,2}

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.^{4,5}

And when your electro-surgical handpiece can adapt to variable tissue in real time, you get the power of precision.^{3,†}

We call it TissueFect™ tissue-sensing technology and it's only available on energy platforms in the Valleylab™ energy portfolio.^{5,6}

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



CONSISTENT. SIMPLE. SMART.



Consistency^{4,5}

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

- Precise monopolar and bipolar energy delivery^{3,†}
- Appropriate thermal spread^{7,5}

Simplicity^{3,Ω}

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^{3,Ω}
- Simple controls and straightforward information displays³

Smart^{4,5}

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.^{2,3,8}

Next-Gen Flexibility^{4,5}

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.^{1,2}

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

5x
better
power control

during monopolar energy delivery.^{1,2,†}

2600
times faster

monitoring tissue than the Force FX™ electrocautery generator.^{5,6,9}

100%
of surgeons
surveyed‡

agreed that the Valleylab™ FX8 energy platform produces an appropriate thermal spread.⁷



Plus, those same surgeons unanimously agreed that the Valleylab™ FX8 delivers^{7,†}:

- 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

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4. Valleylab™ FX8 energy platform part #PT00053621 [user guide]. Boulder, CO: Medtronic. June 2017.
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7. Based on internal report #RE00092272 Rev A, FX8 validation: nurse and surgeon report. June 2017.
8. Based on internal test report #RE00035369, Verification of Captain Hook (LF5637/LF5644) devices: monopolar thermal effect evaluation. April 2016.
9. Force FX™ electrosurgical generator 8C part # PT00002139 [service manual]. Boulder, CO: Medtronic. 2014.

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