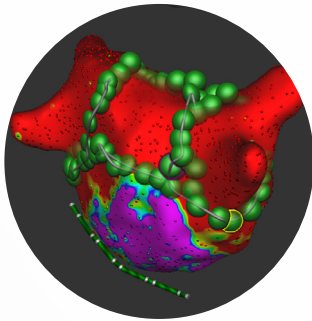


Success Simplified

Affera™ mapping and ablation system

Designed to innovatively address electrophysiology needs today and in the future, the Affera mapping and ablation system offers a uniquely intuitive mapping experience, delivering refined clinical insights and enabling streamlined procedural workflows as the sole platform for the all-in-one dual-energy Sphere-9™ catheter and Sphere-360™ pulse field ablation catheter.

Intuitive mapping



Zero-fluoro procedure
post-map

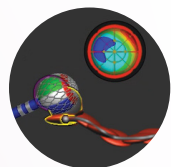
Automatic and continuous data collection: Display any point regardless of the map filters used during collection.

Synergy navigation: Utilize hybrid impedance and magnetic mapping modalities for visualization of sensor-based and non-sensor-based catheters.

Beat Matching: Filter maps to electrogram data matching the ECG morphology of a beat of interest.

Fast remap and cloning: Seamlessly remap or clone an existing map for intraprocedural efficiencies.

Refined insights

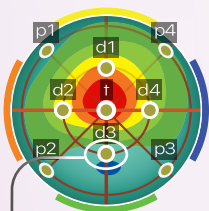


Automatic lesion tags

Leverage instant analysis from lesion tags about lesion location, orientation, and quality.

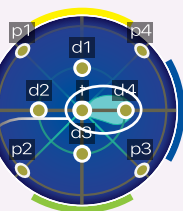
Sensor globe

Consult real-time mapping and ablation guide for local impedance feedback and tissue temperature display during RF and PF delivery.



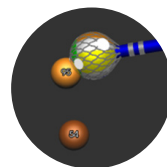
AfferaTouch™ feature

Real-time local impedance providing tissue proximity feedback



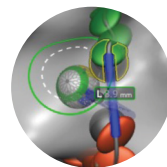
PF Signature™ feature

Visualize physiologic response of PF energy delivery to the tissue.



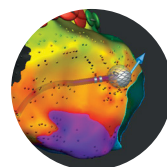
Pace Tags

Leverage instant insights from Pace Tag scores and colors about paced morphology via Pace Tagging analysis.



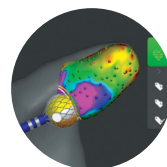
AfferaConnect™ line

Visually confirm ablation groups and lesion set contiguity.



Propagation arrow

Assess wavefront directionality for every beat before, during, and after ablation.



Vein mode

Enhance the precision of anatomical models and complex regions while minimizing the reliance on fluoroscopy.^{1,2}

Streamlined workflows

Integrated stimulator

Expedite pacing workflows with custom pacing modes and Pace Tagging pacing analysis.

Low- or zero-fluoro workflows

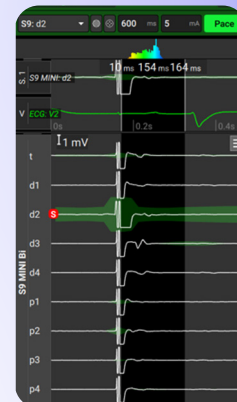
Further or entirely reduce fluoroscopy time with synergy navigation.

Seamless dual-energy modality transition

Easily and quickly transition between energy sources to deliver safe¹, durable² lesions.

Efficient lab setup

Simplify lab and procedure preparation with direct 12-lead signal acquisition.



1. Anter E, Mansour M, Nair DG, et al. Dual-energy lattice-tip ablation system for persistent atrial fibrillation: a randomized trial. *Nat Med.* August 2024;30(8)2303-2310.

2. Reddy VY, Anter E, Rackauskas G, et al. Lattice-Tip Focal Ablation Catheter That Toggles Between Radiofrequency and Pulsed Field Energy to Treat Atrial Fibrillation: A First-in-Human Trial. *Circ Arrhythm Electrophysiol.* 2020;13(6):e008718.

3. M060056C001 Affera Prism-2 Mapping Software Manual. Medtronic. July 22, 2025. Medtronic data on file.

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.

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