

Medtronic

Affera™ Mapping System†

Automate | Inform | Optimize

Automate

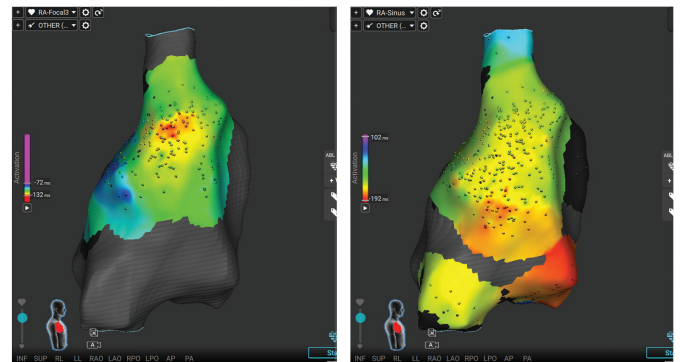
The Affera mapping system is designed to enhance and streamline the mapping workflow with fast processing speeds and low latency.

Automatic and continuous collection

Collect everything and display the rhythm you want to see.

Fast remap and cloning

Start a new map quickly and efficiently while maintaining the active map's geometry, chamber, rhythm, window of interest, or even EGM data.

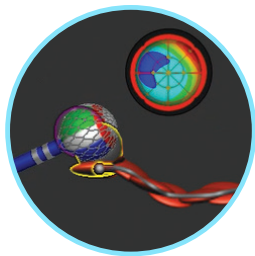


Left: AT at 400 ms

Right: AT at 300 ms

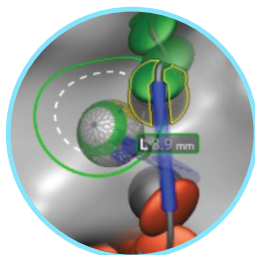
Inform

The Affera mapping system provides optimized clinical tools to reduce intraprocedural complexity.



Automatic tags

Tag shape and colors provide instant insights about tip location, orientation, and lesion creation.

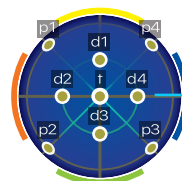


AfferConnect™ line

Visually confirm ablation groups and lesion set contiguity.

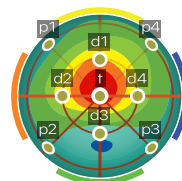
Sensor globe

Real-time mapping and ablation guide



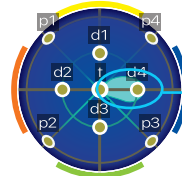
Real-time local impedance

Providing tissue proximity feedback



Tissue temperature display

During RF and PF delivery



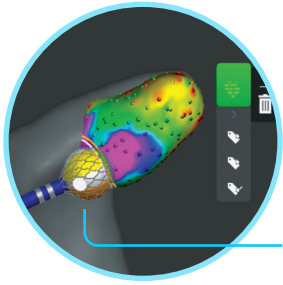
Prism-2 mapping software

Exclusive, visual representation of PF energy delivery to the tissue

† Licensed as Affera Integrated Mapping System.

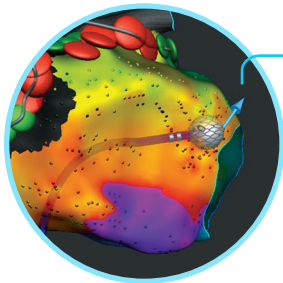
Optimize

The Affera mapping system reduces additional technologies required during a procedure while advancing clinical workflows



Vein mode

Designed to delineate complex regions of the heart; which may reduce the use of fluoroscopy.^{1,2}

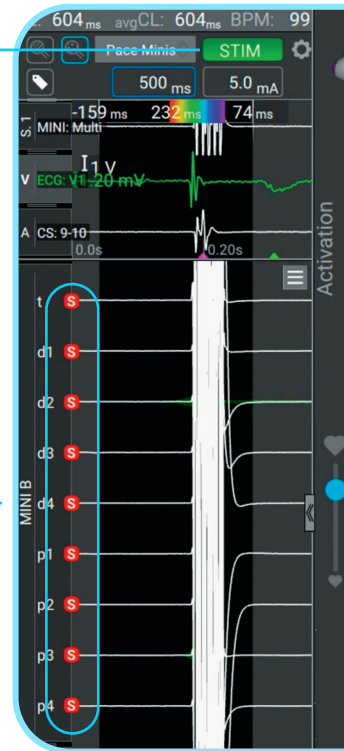


Propagation arrow

Assess wavefront directionality for every beat before and after ablation to enhance clinical decision making.

Integrated stimulator

Validate ablation using custom pacing modes and expedite differential pacing workflows.



Modern and integrated system design

Built from the ground up to optimize the user experience:

- A. Full system control with space-saving remote control
- B. Switch between energy modes (RF and PF) with the tap of a foot
- C. Quick connect cabling with integrated, universal plug for ease of deployment

A



B



HexaFlow™
irrigation pump

HexaGen™
RF generator

HexaPulse™
PF generator

HexaMap™
catheter interface
unit (CIU)

C



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):2302-2310.
2. Affera Mapping System Software Manual – M050220C001 (Agile).

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For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

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