Medtronic

Success Simplified

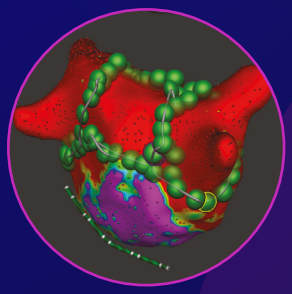
Affera™ mapping and ablation system with Prism-2 software

Designed to innovatively address electrophysiology needs today and in the future, the Affera™ mapping and ablation system with Prism-2 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.

Specifically, Prism-2 introduces Synergy Navigation (magnetic and calibrated impedance tracking) which enables visualization of non-sensor-based catheters to improve support of low- or zero-fluoro workflows.

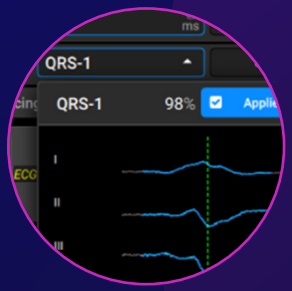
Additionally, Prism-2 enhances clinical workflows with the addition of features including Beat Matching and Pace Tagging, and further streamlines EP lab integration with improved lab setup efficiencies.

Intuitive mapping. Refined insights. Streamlined workflows.[1]



Synergy navigation

Hybrid impedance and magnetic mapping modalities enable visualization of both sensor and non-sensor-based catheters, empowering operators to locate anatomy and ablation targets with minimal reliance on fluoroscopy.



Beat Matching

The system's interactive mapping filters ensure maps represent the rhythms of interest, and now include Beat Matching for filtering of beats based on ECG morphology to assist operators with arrhythmia identification, mapping accuracy, and procedural efficiency.

Simplified lab setup

The addition of universal recording system connectivity, digital export of ECG signals, and direct 12-lead, low-noise ECG signal acquisition further streamline lab and procedure preparation.

1. Nair DG, Sharma D, Osorio J, Rajendra A, Neuzil P, Kiehl E, et al. Impact of a fully integrated wide-footprint lattice-tip dual-energy mapping and ablation system on fluoroscopy usage. J Cardiovasc Electrophysiol. 2023;34(8):1171-1172.

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