

Rethink single shot

The new sphere in ablation



Sphere-360™

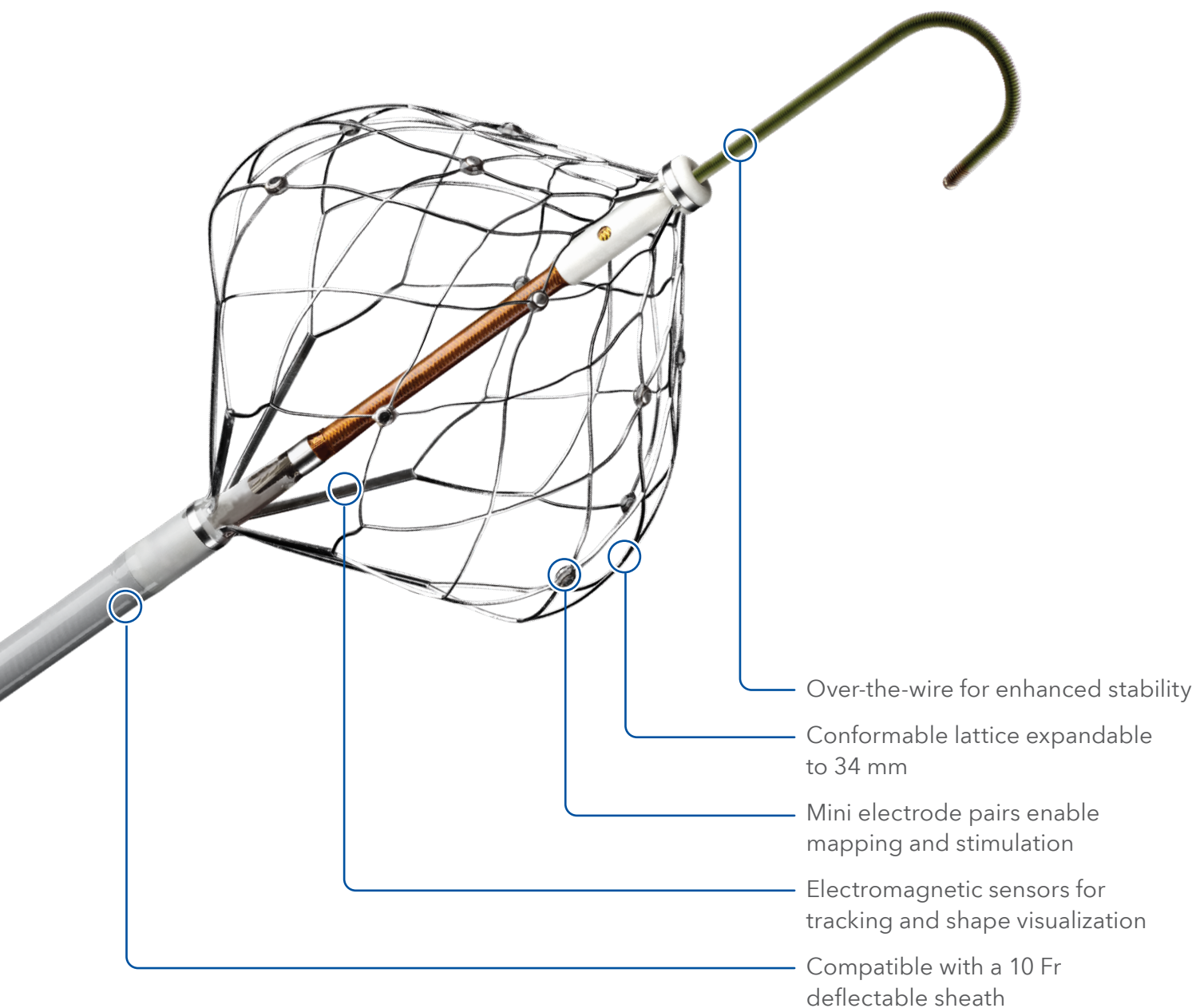
pulsed field ablation catheter

Full circle ablation | 360 integration | Consistent outcomes

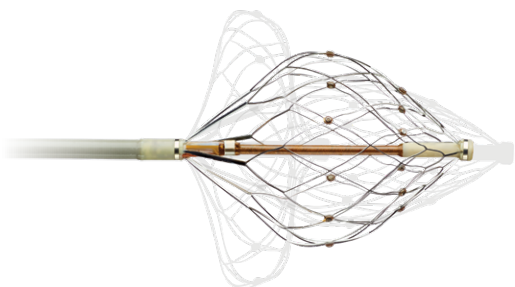
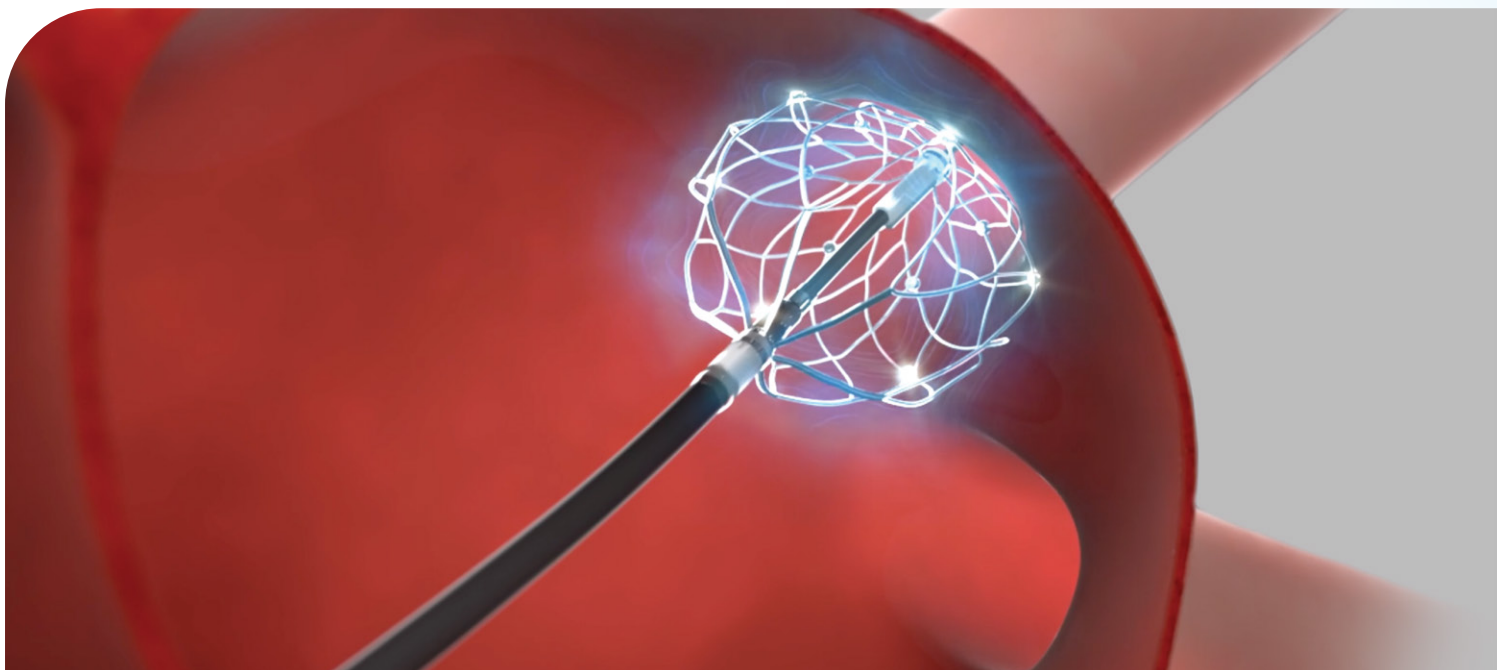
Medtronic

Single shot PFA system designed for your workflow

Sphere-360 pulsed field ablation (PFA) single shot catheter delivers full circle ablation for safe, durable, and effective¹ treatment of patients with paroxysmal atrial fibrillation.



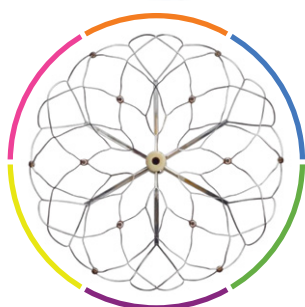
Full circle ablation. No rotation.



Adapts to anatomy: Seamlessly adjusts between a linear and disc shape to treat anatomies of various sizes



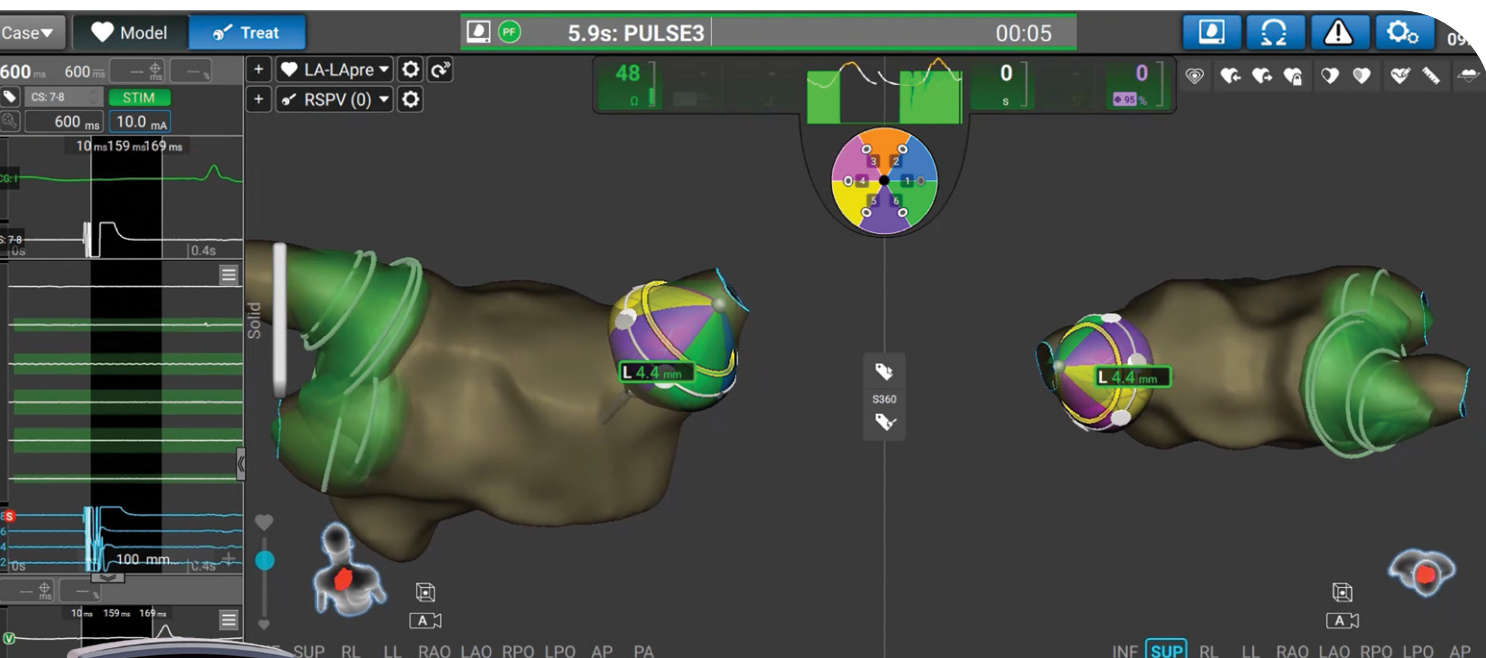
Conformable lattice: Atraumatic nitinol lattice adjusts to shape of the vein.



Unipolar design: Six panels independently and sequentially energized, delivering uniform energy regardless of shape

Span360™ lesions: Delivers circumferential ablation with no rotation – requiring only four applications per vein

360 integration.
Zero exchange.



Exclusively integrated with the Affera™ system, the Sphere-360 PFA catheter is an all-in-one system that provides navigation, mapping, and ablation in a single catheter.

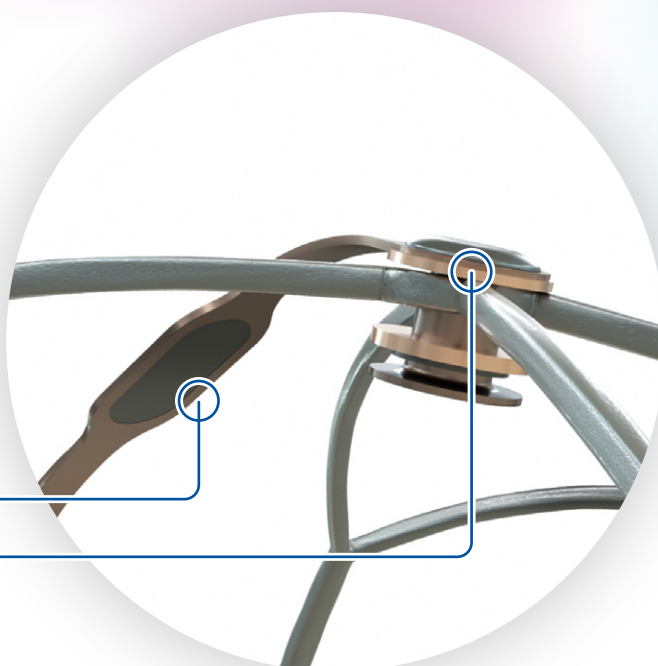


Affera
mapping and ablation system

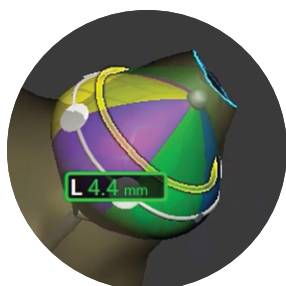
Six mini electrode pairs to eliminate far-field EGMs for voltage and activation mapping.

Reference electrode

Surface electrode

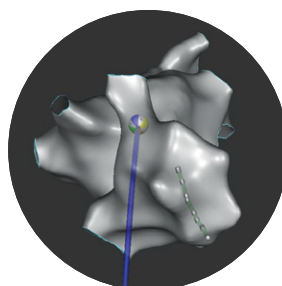


Refined insights with Prism-2 software



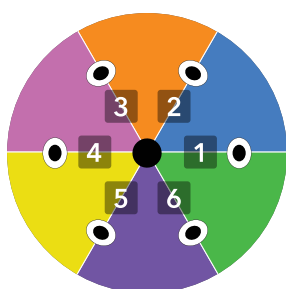
Lesion creation

Receive instant insights about catheter orientation and lesion location.



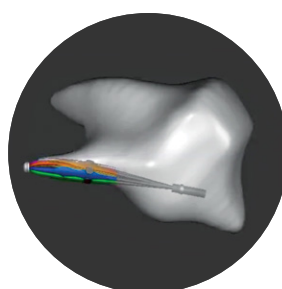
Synergy navigation

Gain visualization of non-sensor-based catheters.



AfferaTouch™ feature

Real-time local impedance providing tissue proximity feedback.

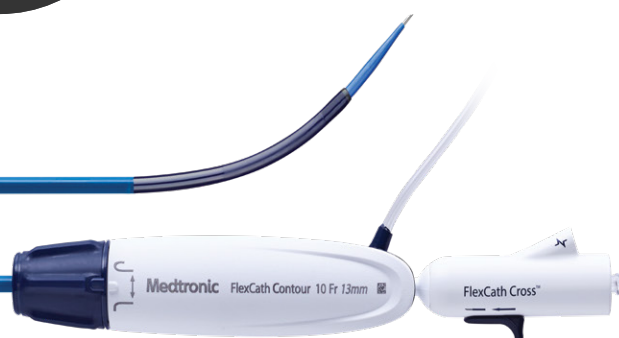


Low- to zero-fluoro

Locate ablation targets with minimal reliance on fluoroscopy.

Zero exchange workflow

The Sphere-360 mapping and ablation catheter is compatible with the zero exchange and single transseptal puncture workflows enabled by FlexCath Contour™ steerable sheath and FlexCath Cross™ transseptal solution.



Consistent outcomes. Full confidence.¹

The Sphere-360 catheter delivers predictable workflows and lasting results across centers – with reliability and confidence in your procedures.

Lasting results

98% per PV durability
(75-day remap)[†]

88% efficacy
(one-year follow-up)[†]

Unmatched safety

0 primary
safety events[‡]

No occurrence of coronary spasm, phrenic nerve injury, esophageal events, PV stenosis, TIA, stroke, or acute kidney injury. (N = 100)

Enhanced efficiency[§]

4 applications
per PV

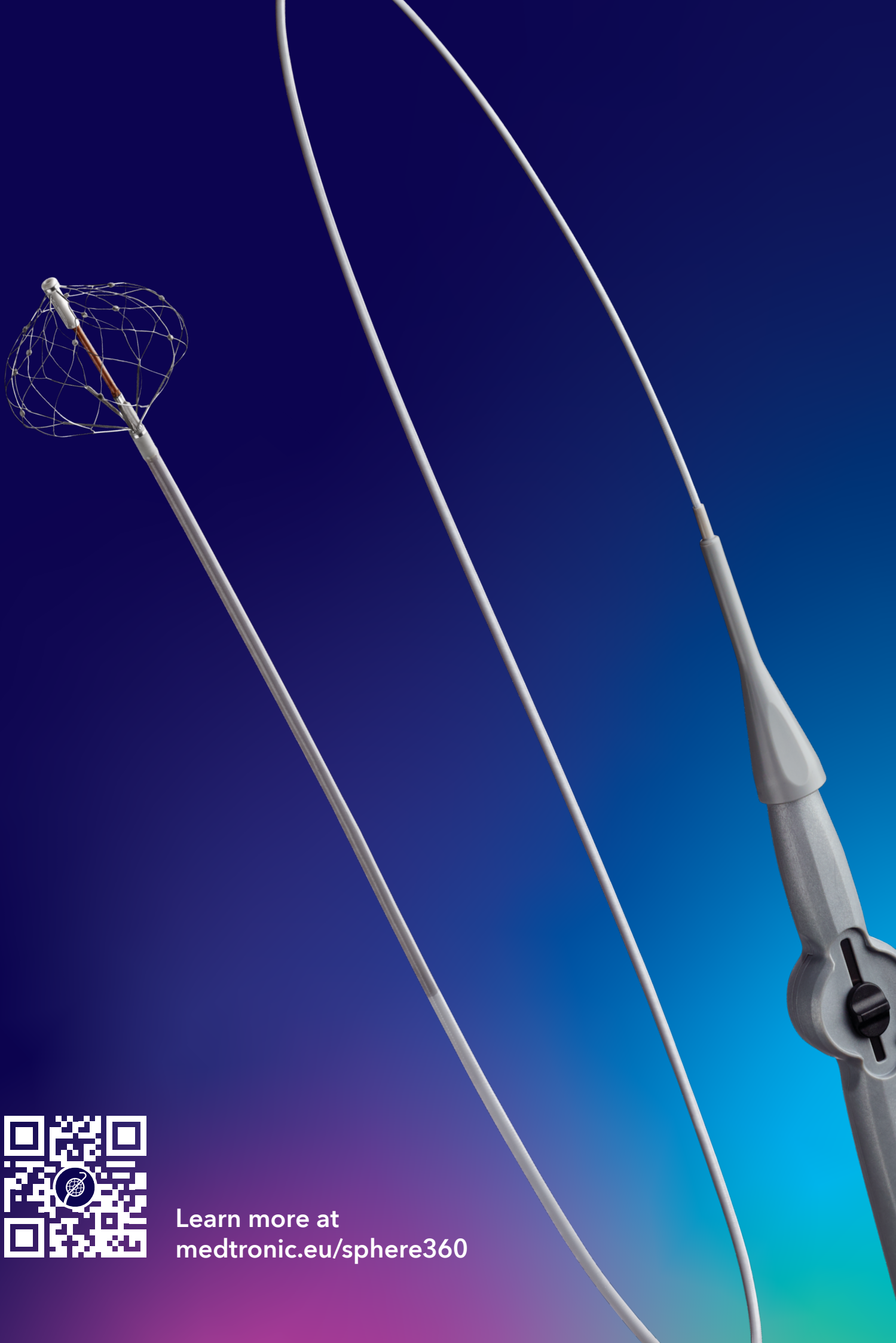
5.9 sec
per application

22 min
LA dwell time

< 6 min
mapping time

< 12 min
PV transpired time

< 7 min
fluoroscopy time[∅]



Learn more at
medtronic.eu/sphere360

† Fifty patients treated with the PULSE3 optimized and most recent waveform configuration, 40 of which completed the optional remapping procedure.

‡ See manuscript for all adverse event incidence.

§ Total cohort N = 100.

◇ Four patients done with 0 fluoro; 26 patients with less than or equal to three minutes of fluoro.

1. Reddy VY, Peichl P, Kautzner J, et al. One-year outcomes of a conformable single-shot pulsed-field ablation catheter for the treatment of paroxysmal atrial fibrillation. *Heart Rhythm*. October 2025;22(10):2551-2561.

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.

Medtronic products placed on European markets comply with EU and UK legislation (if applicable) on medical devices.

For any further information, contact your local Medtronic representative and/or consult Medtronic's websites.

Medtronic medical devices marketed in Spain are in compliance with the Spanish legislation in force.

This promotional material is only intended for HCPs.

Medtronic

Europe

Medtronic International Trading Sàrl.
Route du Molliau 31
Case postale
CH-1131 Tolochenaz
[medtronic.eu](https://www.medtronic.eu)
Tel: +41 0 21 802 70 00
Fax: +41 0 21 802 79 00

United Kingdom/Ireland

Medtronic Limited
Building 9
Croxley Green Business Park
Hatters Lane
Watford
Herts WD18 8WW
[medtronic.co.uk](https://www.medtronic.co.uk)
Tel: +44 0 1923 212213
Fax: +44 0 1923 241004

©2026 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. All other brands are trademarks of a Medtronic company.

MC-SE-2600001 v2.0
05/2026