

# Rethink single shot

The new sphere in ablation



Sphere-360™

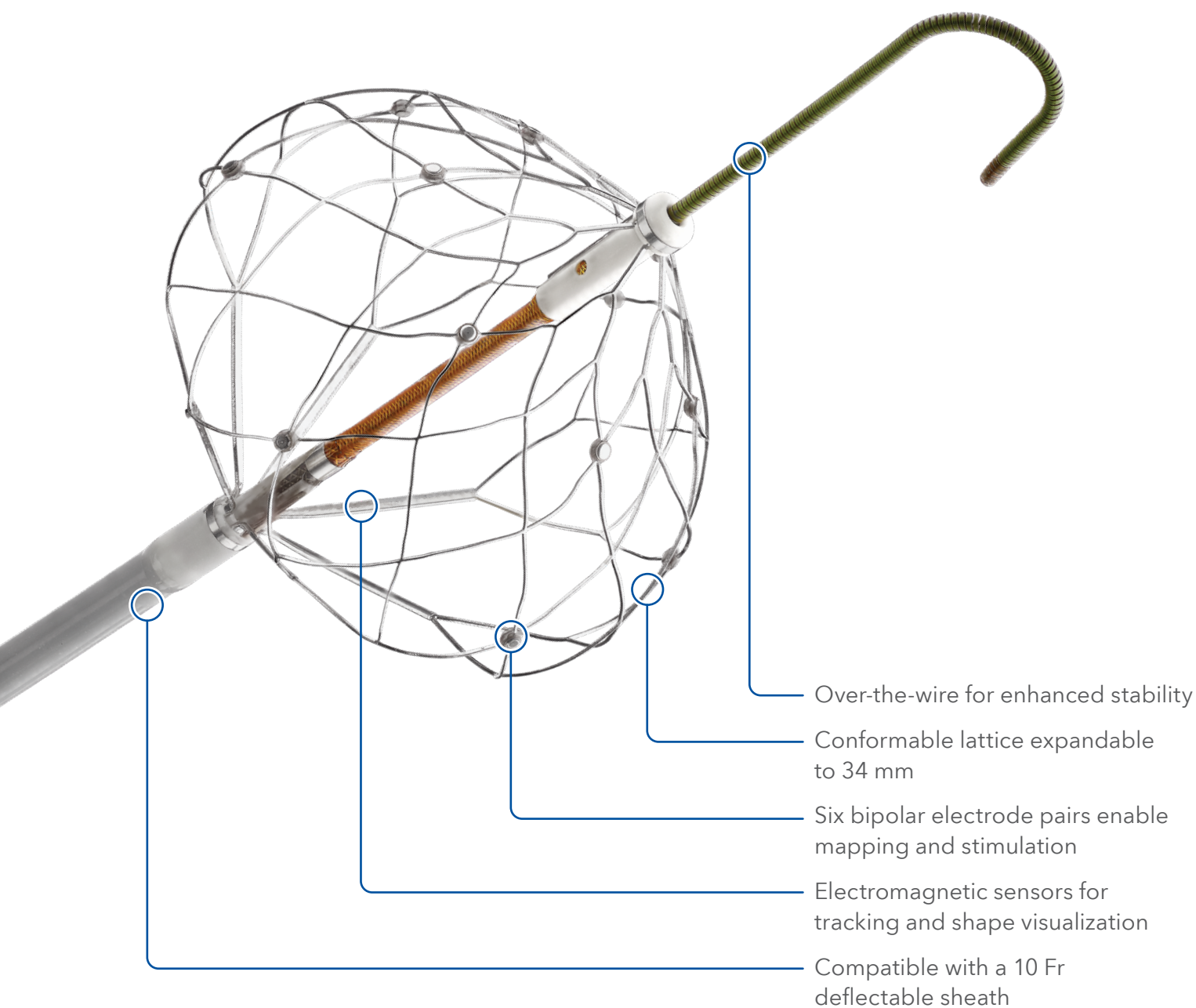
pulsed field ablation catheter

Full circle ablation | 360 integration | Consistent outcomes

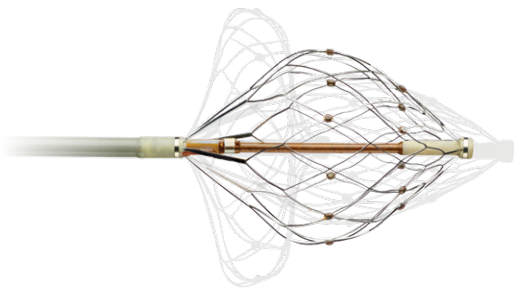
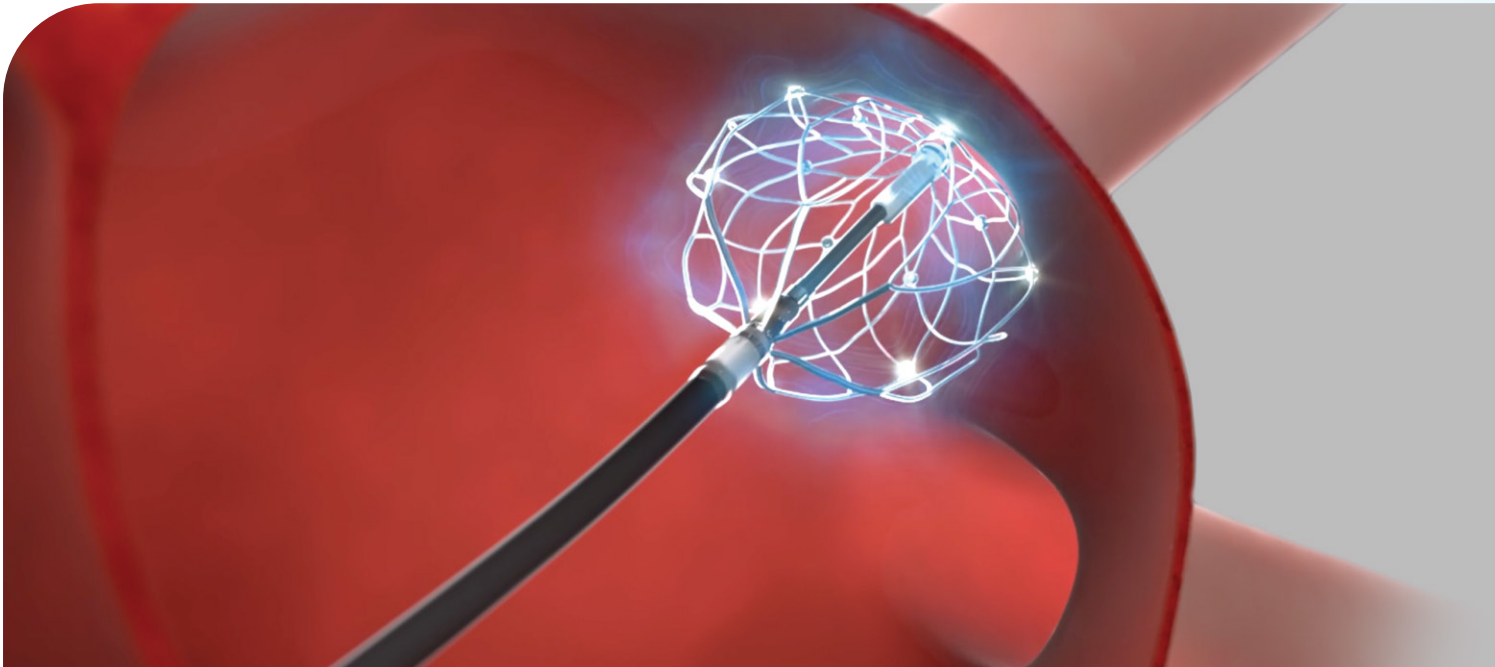
**Medtronic**

# 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 effective<sup>1</sup> 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.



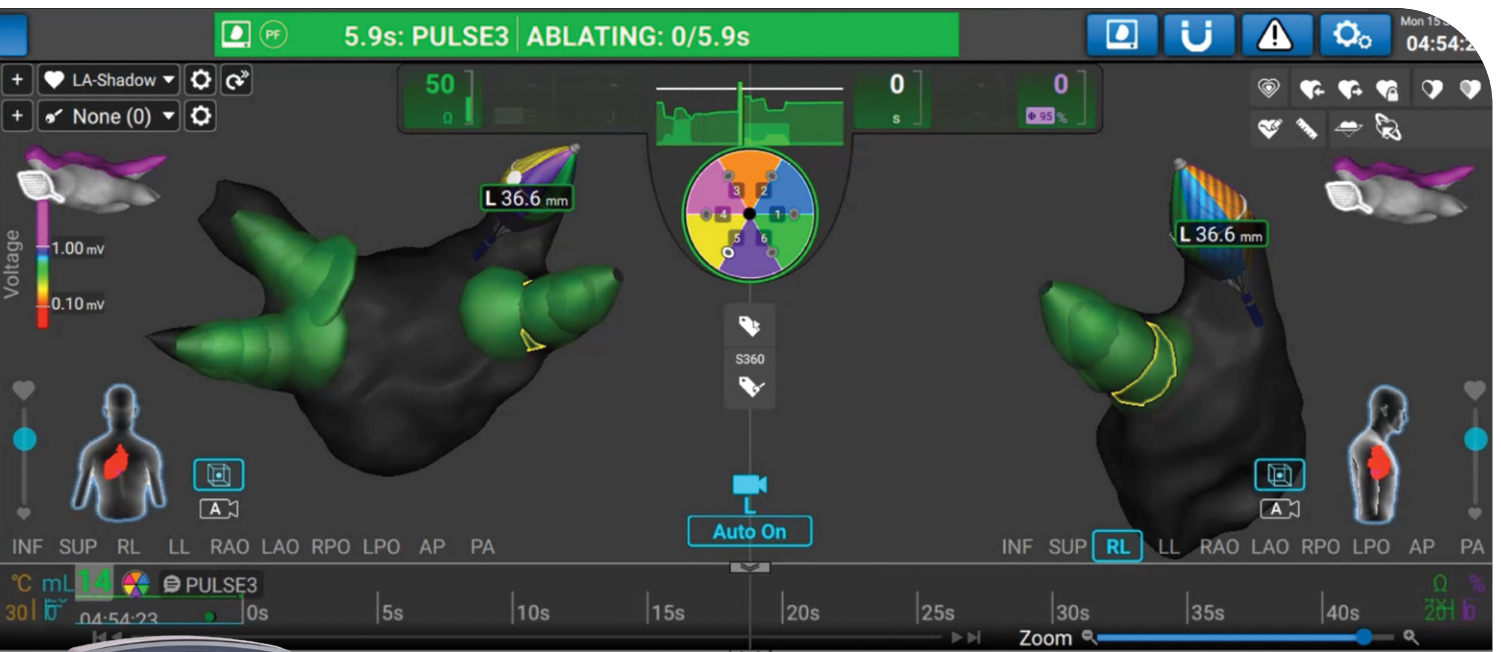
**Conformable lattice:** Atraumatic nitinol lattice adjusts to shape of the vein.



**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.

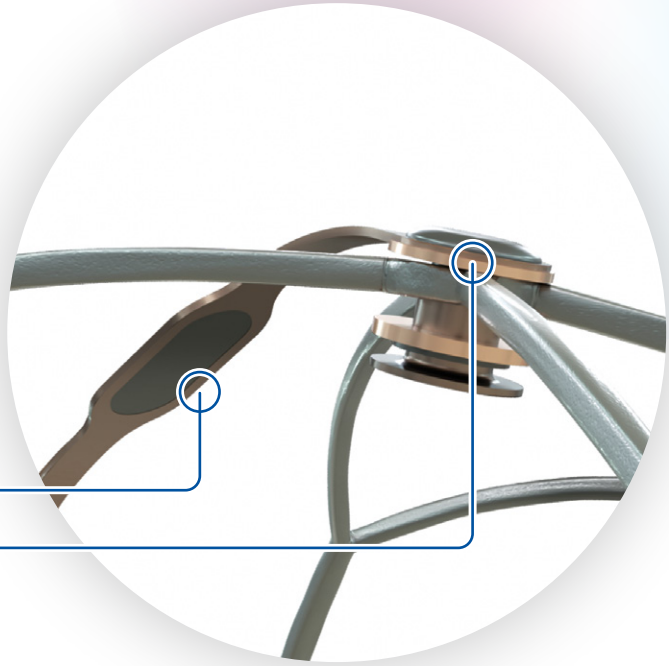
# 360 integration. Zero exchange.



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

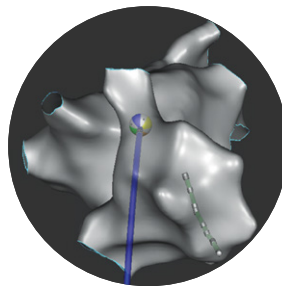
Surface electrode

## Refined insights with Prism-2 software



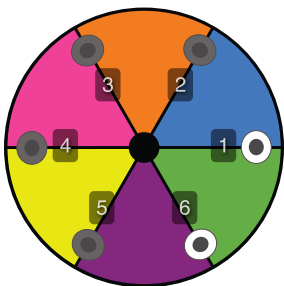
### Lesion creation

Receive instant insights about catheter orientation and lesion location.



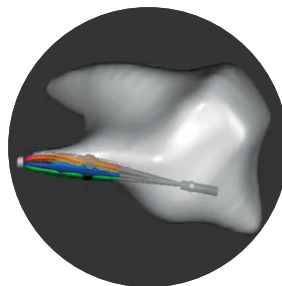
### Synergy navigation

Gain visualization of non-sensor-based catheters.



### Real-time local impedance

Get real-time 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.<sup>1</sup>

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)<sup>†</sup>

88% efficacy  
(1-year follow-up)<sup>†</sup>

## Unmatched safety

0 primary  
safety events<sup>‡</sup>

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

## Enhanced efficiency<sup>§</sup>

4 applications  
per PV

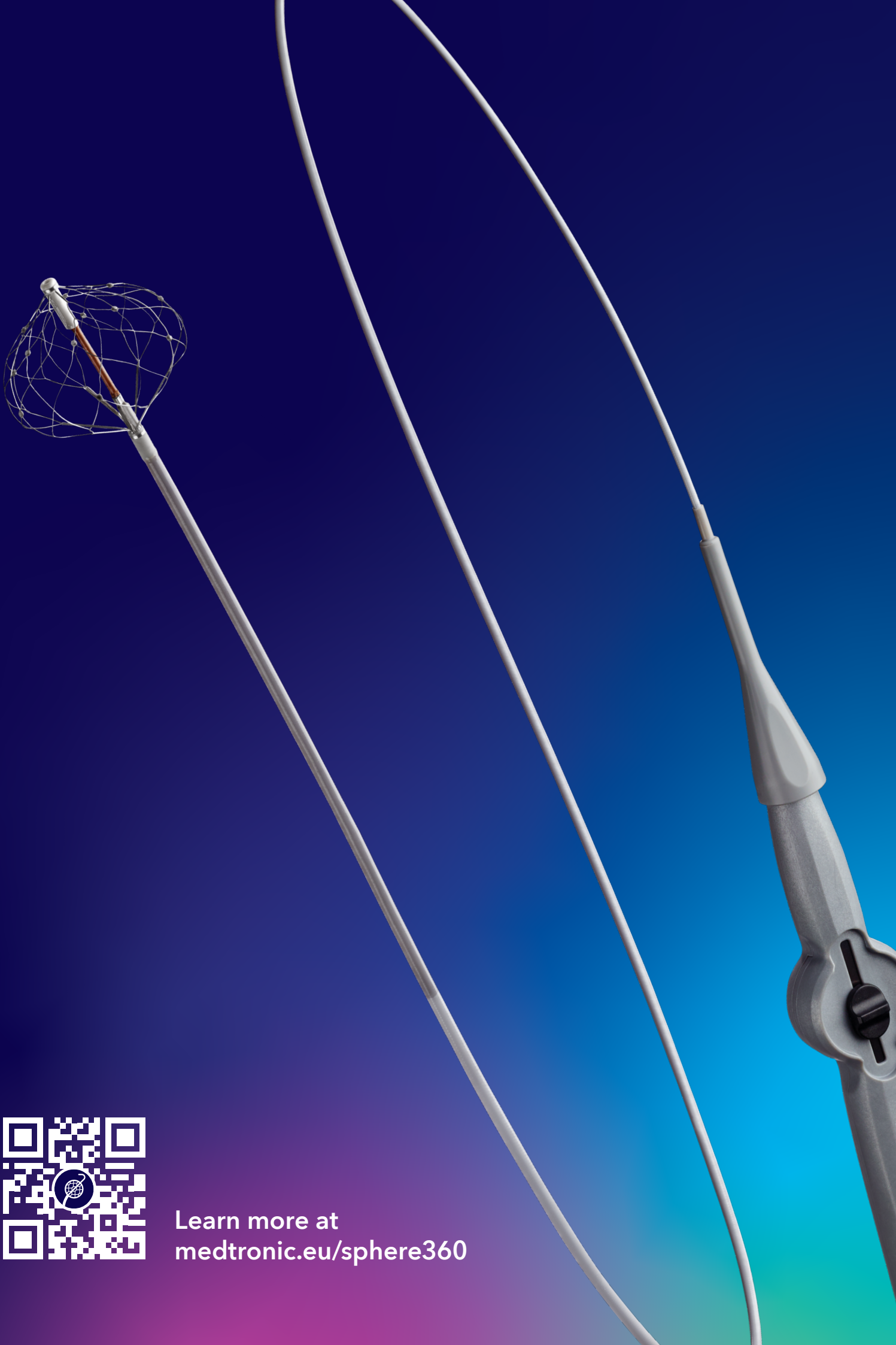
5.9 sec  
per application

22 min  
LA dwell time

< 6 min  
mapping time

< 12 min  
PV transpired time

< 7 min  
fluoroscopy time<sup>◊</sup>



Learn more at  
[medtronic.eu/sphere360](https://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.

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