



**ADVENT long-term outcomes (LTO) study**

**First long-term study from a randomized cohort comparing FARAPULSE™ PFA and thermal ablation**

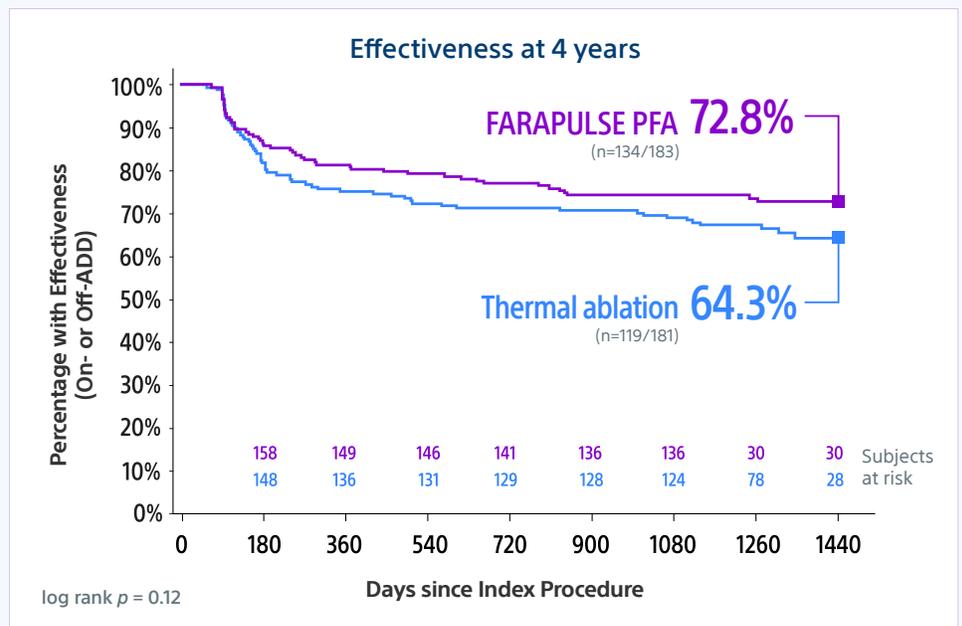
**STUDY DESIGN**

- ▶ Observational extension of the pivotal ADVENT trial. Assessed effectiveness of FARAPULSE PFA using the FARAWAVE™ Pulsed Field Ablation (PFA) Catheter vs thermal (RF or cryo) ablation out to 4 years.
- ▶ N=364 paroxysmal AFib patients (PFA n=183, thermal n=181). Average follow-up was 3.6 years.
- ▶ ADVENT LTO effectiveness endpoint defined as freedom from recurrence, cardioversion, or repeat ablation after the 3-month blanking period.

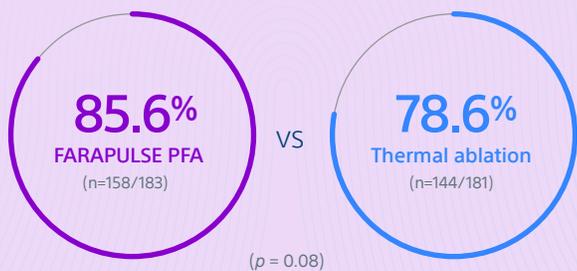


**RESULTS**

Effectiveness endpoint  
**FARAPULSE PFA showed greater long-term effectiveness vs thermal ablation**

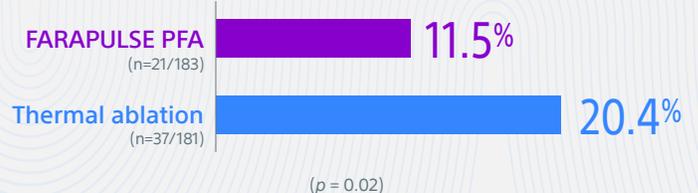


**Greater freedom from hospital-based arrhythmia intervention\***  
for up to 4 years following ablation



**FARAPULSE PFA patients more likely to stay off anti-arrhythmic drugs**

Percentage of patients who used anti-arrhythmic drugs (AADs) out to 4 years\*



\* Freedom from arrhythmia-related hospitalization or emergency dept. visit, cardioversion, or repeat ablation after the blanking period

\* After 3-month blanking period

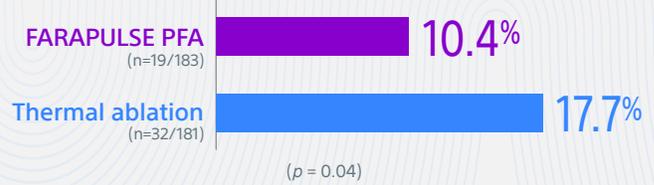


**SIMILAR LONG-TERM SAFETY**

No long-term safety concerns with FARAPULSE PFA

**Patients treated with thermal ablation had a ~70% higher probability of needing a repeat ablation out to 4 years**

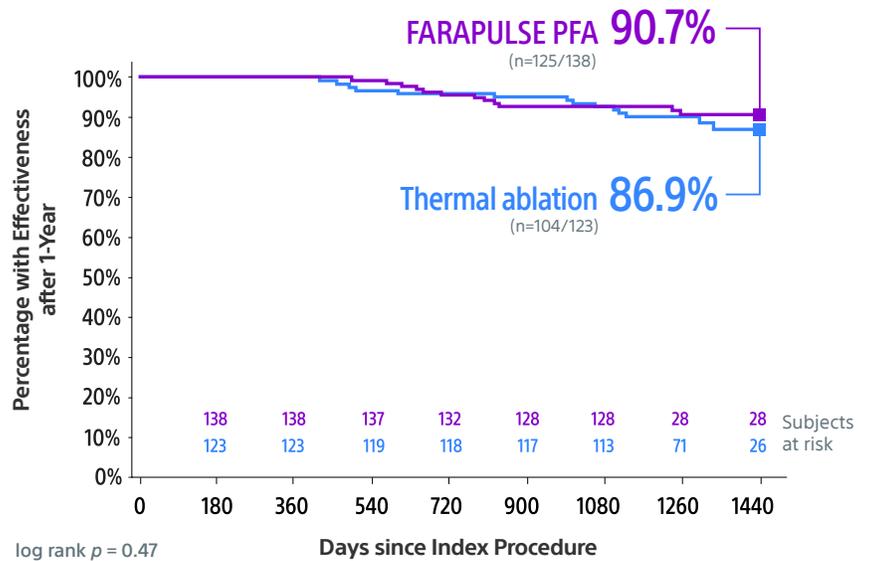
Percentage of patients with repeat ablation out to 4 years



**Over 90% of FARAPULSE PFA patients who were event free at 1 year were also event free long-term**

The study compared time-to-event after 1 year between study groups for subjects who were event free at 1 year.

**Long-term effectiveness of treatment for patients who were event free at 1 year**



SUMMARY

- ✓ Long-term treatment success
- ✓ Fewer hospital-based arrhythmia interventions and repeat ablations
- ✓ Patients were more likely to stay off AADs



**FARAPULSE PFA delivered long-term effectiveness, outperforming thermal ablation**



[FARAPULSE™ Pulsed Field Ablation System Indications, Safety, and Warnings](https://qrco.de/bfsrJX)

<https://qrco.de/bfsrJX>

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**Cardiology**  
300 Boston Scientific Way  
Marlborough, MA 01752-1234  
[bostonscientific.com](http://bostonscientific.com)

Medical Professionals:  
1.800.CARDIAC (227.3422)  
Customer Service:  
1.888.272.1001