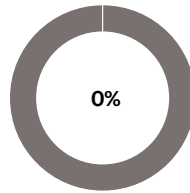


VARIPULSE™ Platform | Tailored for enhanced PVI*

PFA is in the formative stage...

While PFA is tissue selective...

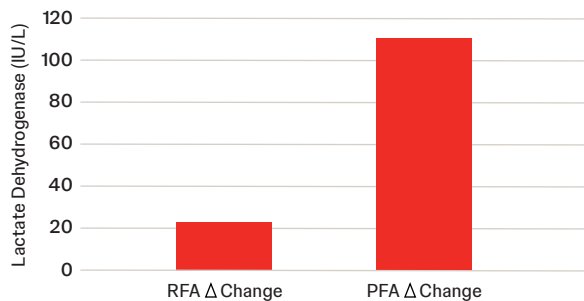
Porcine model phrenic nerve and esophageal injury



Verma A, et al. *Circ Arrhythm Electrophysiol.* 2021;14(9):e010086.
Koruth JS, et al. *Circ Arrhythm Electrophysiol.* 2020;13(3):e008303.

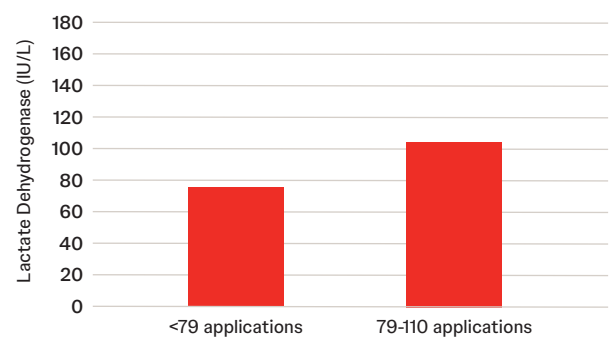
...PFA is associated with risk

Biomarker changes for RFA vs PFA



...Especially when increasing applications

Biomarker changes by number of PF applications



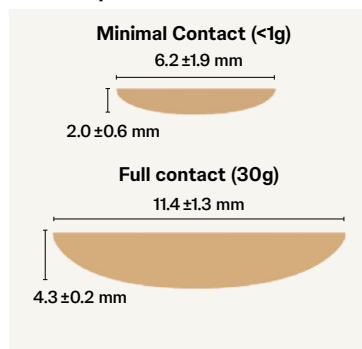
Lactate dehydrogenase, a biomarker for hemolysis, increased with PFA as compared with RFA. This biomarker increased as the number of PF applications increased.
Lakkireddy D, et al. *JACC Clin Electrophysiol.* 2025;11(25):00274-9

...Data validates that contact, tissue proximity indicator (TPI), mapping and integration improve PFA delivery

Contact matters

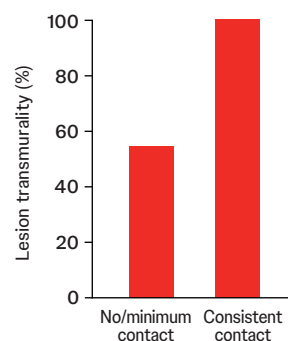
Contact increases lesion depth and transmuralty

Lesion depth



Figures adapted from Di Biase L, et al. *Europace.* 2024; 26(9):euae220. under the Creative Commons Attribution License: <https://creativecommons.org/licenses/by/4.0/>

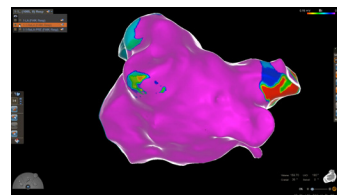
Lesion transmuralty



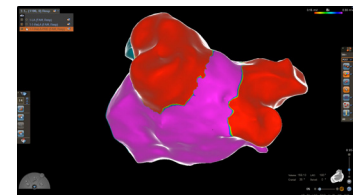
Figures adapted from Okumura Y, et al. *Heart Rhythm.* 2025;22(4):952-960. under the CC BY license: <http://creativecommons.org/licenses/by/4.0/>

Precision matters

Pre-voltage map



Post-voltage map

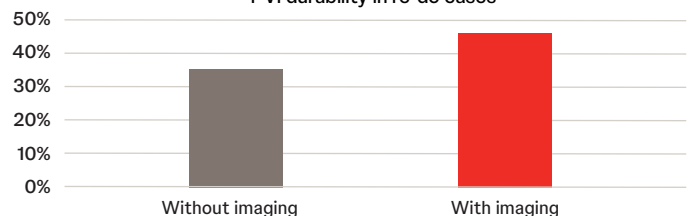


A reduced extent of posterior wall involvement in the isolation area after pulmonary vein isolation (PVI) may reduce the risk of roof-dependent macro-reentrant atrial tachycardias, as observed with a pentaspline PFA catheter.

Del Monte A, et al. *Heart Rhythm O2.* 2025. Doi:10.1016/j.hroo.2025.05.005

Mapping matters

PVI durability in re-do cases



When PVs were mapped in prior to a re-do case in MANIFEST Re-do, PVI durability higher when the first case had been completed with the support of imaging (3D mapping, ultrasound).

Scherr D, et al. *Europace.* 2025;2025(1):eua012.

Integration matters

100% Correlation of ablation tags with post-ablation low voltage areas

3D mapping integration enables the precise labeling of every PFA applications, resulting in a high degree of precision in the overlap of ablation tags and low voltage areas.

Fink T, et al. *Pacing Clin Electrophysiol.* 2025;48(5):471-479.

An Integrated VARIPULSE™ Platform and optimized workflow...

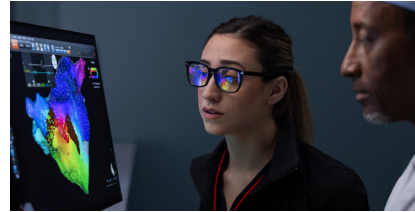
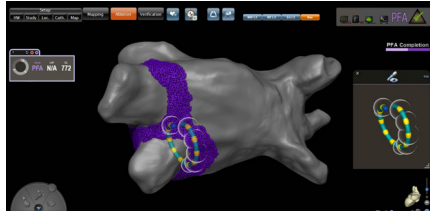
Create FAM shell using
VARIPULSE™ Catheter or
CARTOSOUND™ Module

Use CARTO VIZIGO™
Sheath and TPI to
position VARIPULSE™
Catheter*

Mark ablation
locations with
VISITAG™ Module
grid

Use grid
overlay to
assist with PVI

Partner with
clinical expert to
assess lesions

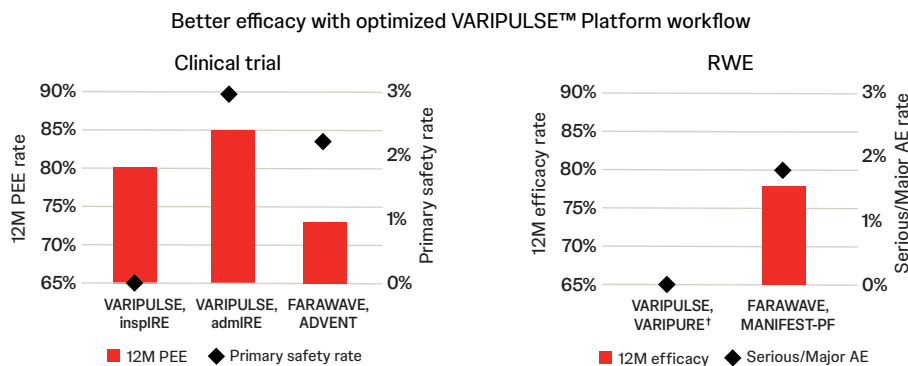


Deliver 4 ablations (12 applications) per vein

If isolation is not obtained, apply additional applications of PF ablation where needed.

...Delivers optimized results

Better efficacy with strong safety**



Freedom from fluoro¹

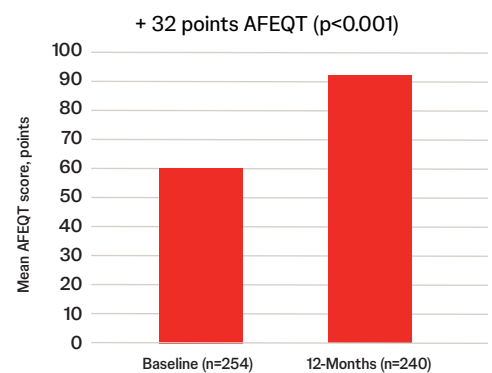
25% Zero fluoro cases

<7 min Average fluoro time

Reddy VY, et al. *Circulation*. 2024;150(15):1174-1186

Improved quality of life

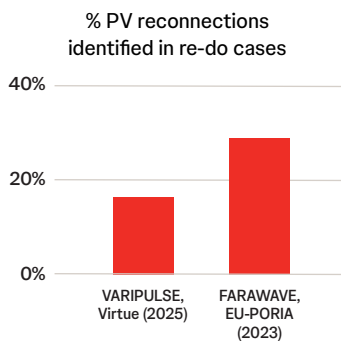
90% of patients asymptomatic with respect to AF 1 year after VARIPULSE™ Platform PFA treatment



Patient quality of life transformed 1 year after PFA with the VARIPULSE™ Platform.

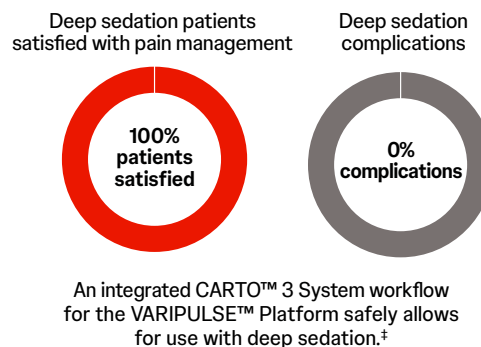
Reddy VY, et al. *Circulation*. 2024;150(15):1174-1186.

Better PVI outcomes



When re-mapping pulmonary veins for re-do cases, the VARIPULSE™ Platform demonstrated stronger per vein durability as compared to FARAWAVE.

Compatibility with deep sedation‡



Grimaldi M, et al. *Europace*. 2023;25(9):euaad222.

* This product can only be used by healthcare professionals in EMEA.

** Than Farawave.

† VARIPULSE™ Platform 12M efficacy results in process.

‡ Based on a subset of 29 deep sedation patients from the inspiRE study and 60 patients in inspiRE study. Procedures completed under sedation vs general anesthesia had comparable safety rates and procedure times, demonstrating safety and procedural efficiency.

1. Always verify catheter tip location using common clinical practice for real-time verification (inspection of IC signals, direct imaging guidance such as fluoroscopy or ultrasound, etc.) and consult the CARTO™ 3 System User Guide regarding recommendations for fluoroscopy use. Canpolat, U. et al. *J Innov Cardiac Rhythm Manag*. 2020;11(3):4018–4029. Sommer, P. et al. *Europace*, 2018;20(12):1952-1958.

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