

Globe[®] Pulsed Field System

Delivering the most complete solution for atrial fibrillation



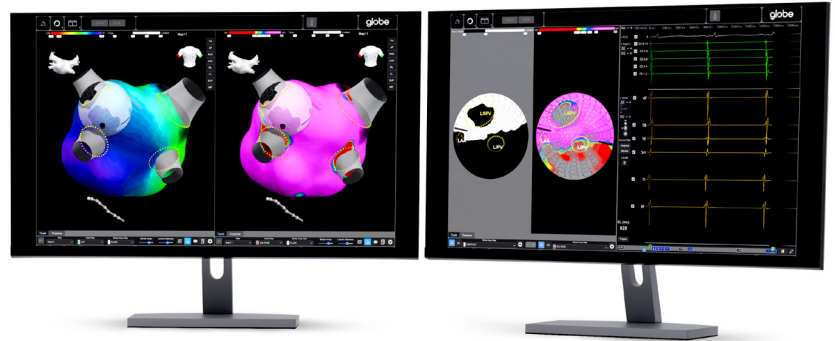
The Globe Pulsed Field System is a fully integrated cardiac mapping and ablation solution.

Globe Software

Visualization of 3D area and array maps

Globe Catheter

30 mm, heparin-coated array

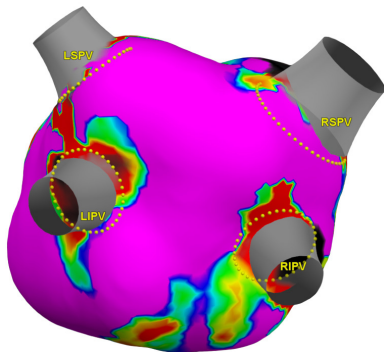


Globe Introducer

Steerable sheath

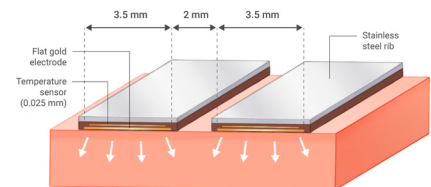


Durable, single-application PVI¹ with precise control of contact & location



Navigate to the pulmonary vein

Create fast, real-time visuals of atrial anatomy and activity to guide patient-specific treatment.

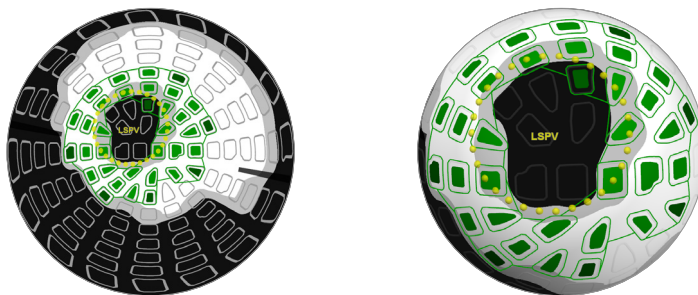


Deliver pulsed field ablation

Flat electrode design ensures field directionality towards the tissue, limiting energy dispersion into the blood.

True single-shot adaptable to anatomic variations.

Capable of different lesion types: circumferential, linear, area, focal.^{2,3}



White = low blood flow (good contact)
Black = high blood flow (poor contact)

Confirm contact & select electrodes

Target ablation by selecting electrodes with confirmed contact for controlled ablation.

Precise Ablation

Select between 2 and 64 electrodes per application for targeted therapy

True Single-Shot

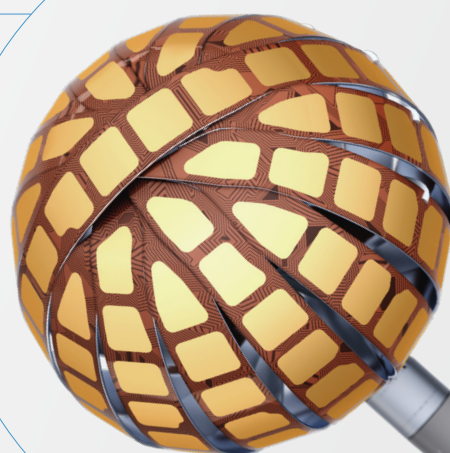
Achieve acute isolation with 1 application per vein¹

High-Fidelity Thermal Contact

Integrated temperature sensors behind each electrode

Atraumatic

Pressure distribution across spherical surface area



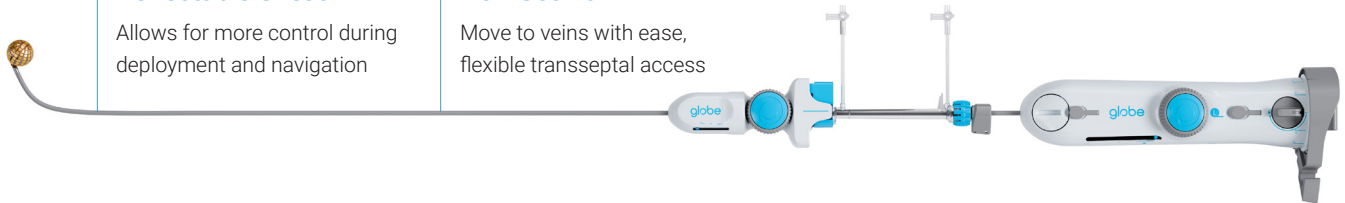
Ease of maneuverability and control

Deflectable Sheath

Allows for more control during deployment and navigation

Non-Coaxial

Move to veins with ease, flexible transseptal access

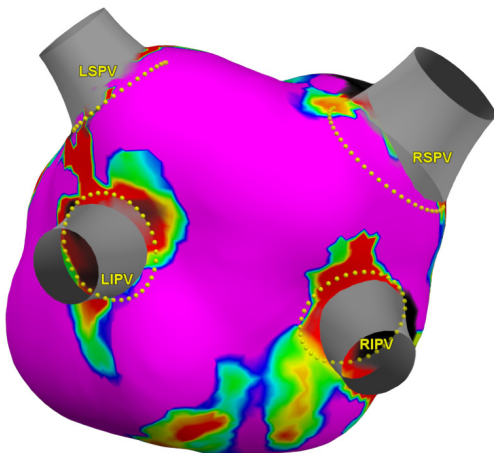


Globe Catheter Handle

Ergonomically designed to maximize operator comfort, providing stability and responsive handling that minimizes overcorrection, allowing for subtle movements.

See the anatomy. See the target. See the contact.

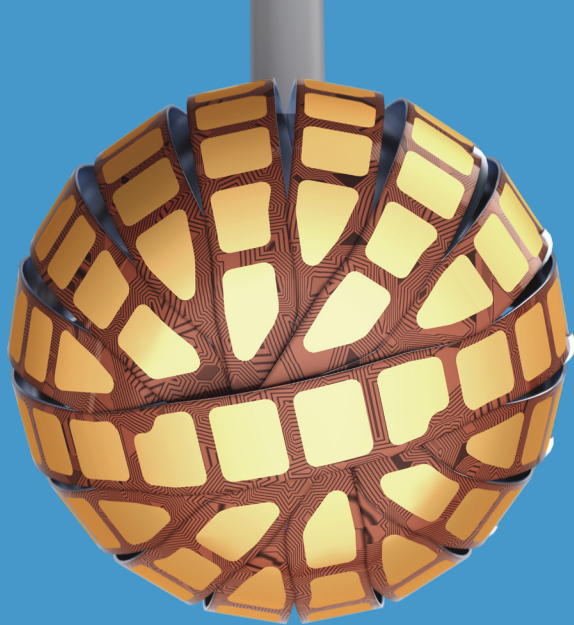
The Globe Software offers a comprehensive set of visualization capabilities to enhance procedural workflow and confirm treatment success.



Area Maps

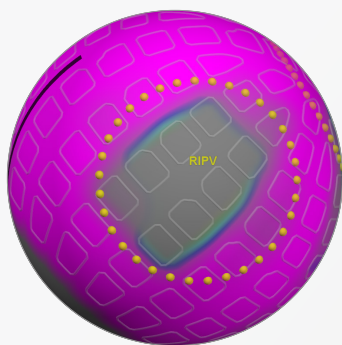
GPS™ 3D and Voltage Maps

Create fast, high density maps of atrial anatomy and activity, capturing over 2,500 points per minute⁴ to support patient-specific treatment.



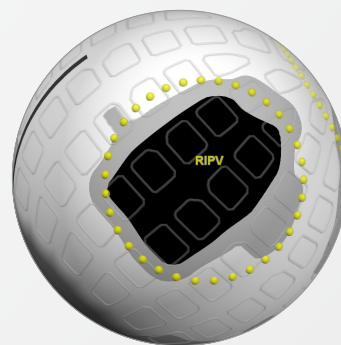
Global Coverage

Map atrial regions using a direction-insensitive, 122-electrode array with a broad contact patch and contact-gated EGM collection—even in anatomically challenging areas such as the septum.



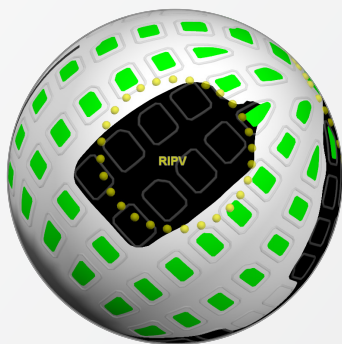
Real-Time Insights

Localized, live data updated beat by beat on the array for informed decisions and targeted therapy.



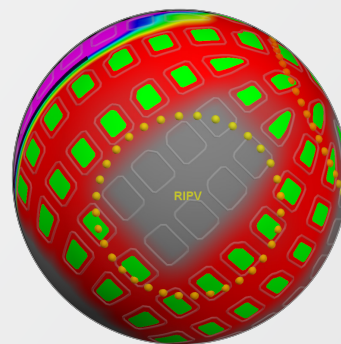
FLOW™ Map

Navigate to target tissue aided by real-time 3D visualization, minimizing reliance on fluoroscopy and intracardiac echo while enhancing procedural precision.



CONTACT™ Scan

Visualize electrode-tissue contact through high-fidelity, thermal-based measurements to maximize lesion depth and optimize lesion placement.



Voltage Map

Assess lesions and identify targeted tissue with a localized map of intracardiac voltage at each electrode.

PULSAR IDE Clinical Summary¹

The global, multicenter PULSAR IDE Study generated data supporting the safety and effectiveness of the Globe Pulsed Field System in treating patients with paroxysmal atrial fibrillation.



12 Sites



19 Operators



4 Countries

United States, Canada,
Germany, Czechia



183 Patients

Proven Safety

Zero reports of cardiac tamponade, atrio-esophageal fistula or phrenic nerve injury

0%

Device-Related Primary
Safety Event Rate

0.6%

Primary Safety
Event Rate

Demonstrated Effectiveness

95%

Veins durably
isolated in repeat
ablation procedures

78%

12-month
freedom from
atrial arrhythmia



True Single- Shot Efficiency

100%

Acute pulmonary
vein isolation

1.2

Average application
per vein for successful
acute isolation

Globe Pulsed Field System (Globe PF System) Brief Statement

Indications for Use

The Globe Catheter is indicated for anatomical and electrophysiological mapping and stimulation of cardiac tissue, and for the delivery of ablation energy for the treatment of drug refractory, recurrent, symptomatic paroxysmal atrial fibrillation, when used in conjunction with the Globe Pulsed Field System.

Contraindications

The Globe PF System is contraindicated for:

- Pediatric patients
- Patients with material in or around the atrium that could become dislodged during the procedure, such as intracardiac thrombus, myxoma, or tumor
- Patients suffering from active systemic infection (sepsis)
- Patients with intolerance to anticoagulation medications

Other Prescription and Safety Information

Prior to use, refer to the Instructions for Use (IFU) supplied with the Globe PF System devices for full indications for use, contraindications, potential adverse effects, warnings, and precautions.

Only use the Globe PF System (including the Globe Catheter and Globe Introducer) with compatible devices specified in the IFU. Use with incompatible components may result in patient injury or death.

Caution: Federal (U.S.) law restricts this device to sale by or on the order of a physician.

¹ PULSAR IDE data presented by Dr. Vivek Reddy at HRS 2025.

² Confirmed investigationally under the PULSE-EU study.

³ M. Turagam, P. Neuzil, J. Petru, M. Funasako, J. Koruth, J. Skoda, S. Kralovec and V. Reddy, "AF ablation using a novel "single-shot" map-and-ablate spherical array pulsed field ablation catheter: 1-Year outcomes of the first-in-human PULSE-EU trial," Heart Rhythm, vol. 21, no. 8, pp. 1218-1226, 2024.

⁴ Data on file.



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