



Centauri™ PFA System

Your Workflow.

Our Waveform.

Durable Outcomes.

The Centauri™ PFA System works with your current workflow to deliver safe, efficient, and durable outcomes.

Overview

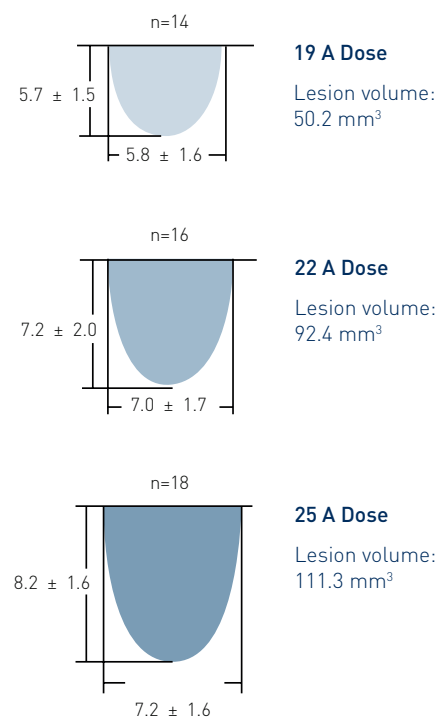
The CardioFocus Centauri™ PFA System is a cutting edge, open platform design that supports your current focal contact force catheter workflow, leveraging a custom monopolar waveform designed to achieve transmural lesions while eliminating microbubbles and muscle stimulation. Seamlessly integrating into your existing workflows, the Centauri System enables physicians to confidently deliver durable PFA lesions while enhancing procedural efficiency, safety, and patient outcomes.

System features include:

- Three selectable monopolar PFA doses offered at 19, 22, and 25 Amps for lesion control
- Impedance balanced energy delivery to ensure consistent, predictable transmural lesions
- Current control algorithm ensures consistent energy output in all patients
- Versatility through an open platform supporting three commercially available contact force catheters:
 - TactiCath Sensor Enabled™
 - THERMOCOOL SMARTTOUCH™
 - INTELLANAV STABLEPOINT™

Powerful precision. Proven depth.

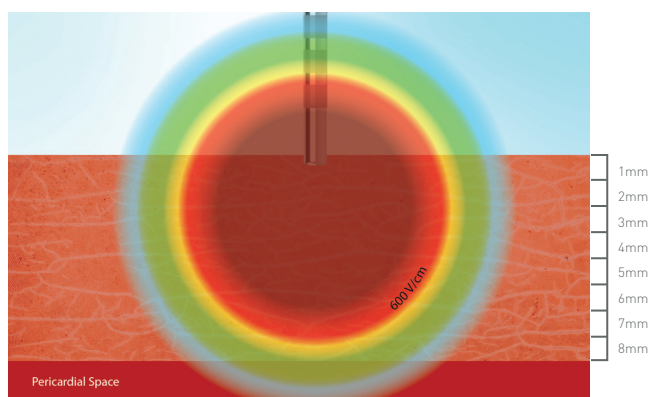
The Centauri System delivers deep, durable, focal lesions using any of three commercially available contact force–sensing catheters. Its titratable energy delivery enables lesion depths exceeding 8mm at 25A¹, offering powerful performance where it matters most. For regions with thinner tissue, flexible 19A and 22A settings allow operators to personalize treatment with precision – maximizing control while optimizing outcomes.



1. Atul Verma, Robert Neal, John Evans, Quim Castellvi, Armaan Vachani, Thomas Deneke, Hiroshi Nakagawa, Characteristics of pulsed electric field cardiac ablation porcine treatment zones with a focal catheter, Journal of Cardiovascular Electrophysiology, Volume 34, Issue 1, January 2023.

Custom monopolar waveform

The Centauri System utilizes the custom WAVE1 monopolar biphasic waveform to deliver transmural PFA lesions while effectively eliminating the potential for microbubbles and muscle stimulation.

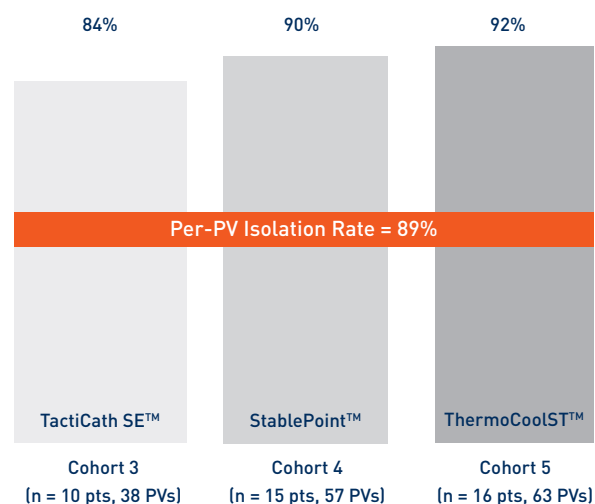


In a monopolar configuration, an electric field is created at the catheter tip that is directed towards a remote dispersive electrode. As a result, monopolar devices achieve deeper lesions than equivalent bipolar configurations.

Durable outcomes

With versatility through an open platform utilizing focal contact force catheters and a custom monopolar waveform the Centauri System delivers durable outcomes.

90-Day Pulmonary Vein Isolation Durability²



ECLIPSE AF remapping data showed overall per-PVI durability of 89% in optimized cohorts using TactiCath SE, StablePoint, and ThermoCool ST

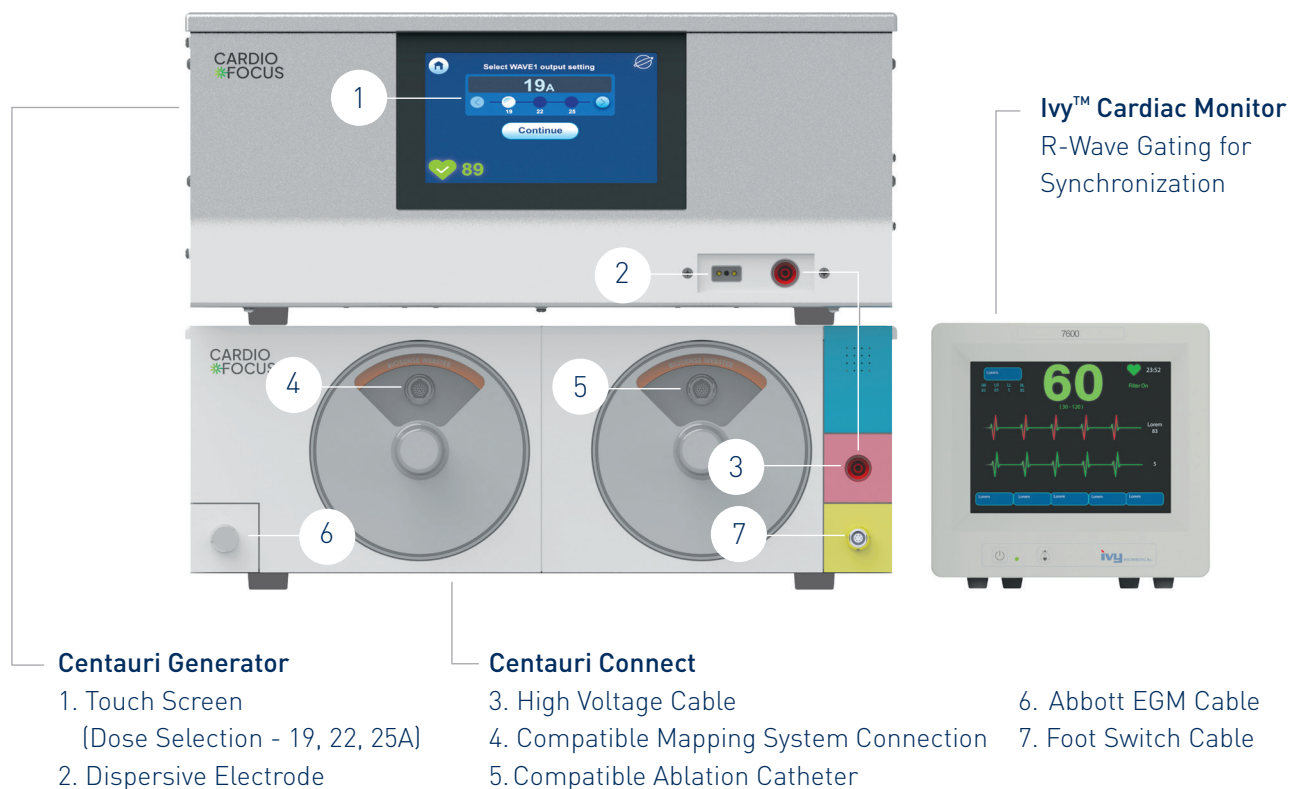
12-Month Freedom from AF³



12-month freedom from clinically significant atrial arrhythmia survival rate for paroxysmal patients was 90.2%

2. Ante Anić, Thomas Philips, Toni Brešković, Pieter Koopman, Steven Girouard, Vikramaditya Mediratta, Zrinka Jurišić, Ivan Sikirić, Lucija Lisica, Johan Vijgen, Pulsed field ablation using focal contact force-sensing catheters for treatment of atrial fibrillation: acute and 90-day invasive remapping results, EP Europace, Volume 25, Issue 6, June 2023, euad147

3. Ante Anić, Thomas Philips, Toni Brešković, Vikramaditya Mediratta, Steven Girouard, Zrinka Jurišić, Ivan Sikirić, Lucija Lisica, Pieter Koopman, Nathalie Antole, Johan Vijgen, Pulsed field ablation using focal contact force-sensing catheters for treatment of atrial fibrillation: 1-year outcomes of the ECLIPSE AF study, Circ Arrhythm Electrophysiol. 2025 Jan;18(1):e012794



Ordering information

Model	Order No.	Model	Order No.
Centauri PFA System		Procedure Kit	
Centauri Connect	496717L	Wave1 Activation Kit	496691
Centauri Generator	496718L		
Ivy CardiacMonitor 7600EP	496716L	Accessories	
Centauri Local Box CH	496713L	Biosense Comp. Cable	496703
Centauri Local Box UK	496714L	TactiSys Comp. Cable	496705
Centauri Local Box EU	496715L	ECG Trunk Cable w. Filter	496704
		High V PEF Cable	496706
		Cable Assy Footswitch	496707

The CardioFocus CENTAURI System is CE-marked. The CENTAURI System is an electrosurgical system used in conjunction with commercially available cardiac ablation catheters to deliver radiofrequency pulsed electric field energy to cardiac tissue. The CENTAURI System is intended to treat adult patients undergoing intracardiac ablation procedures for the treatment of paroxysmal atrial fibrillation. For further information, please consult the CardioFocus website at www.cardiofocus.com/centauri-system/. Device is not approved for sale in the United States.

Manufacturer: CardioFocus, Inc.

500 Nickerson Road
Marlborough, Massachusetts 01752

CE 0459

© BIOTRONIK SE & Co. KG
All rights reserved. Specifications
are subject to modification,
revision and improvement.

BIOTRONIK SE & Co. KG
Woermannkehre 1
12359 Berlin / Germany

Tel +49 (0) 30 68905-0
Fax +49 (0) 30 6852804
sales@biotronic.com
www.biotronic.com

BIOTRONIK
excellence for life