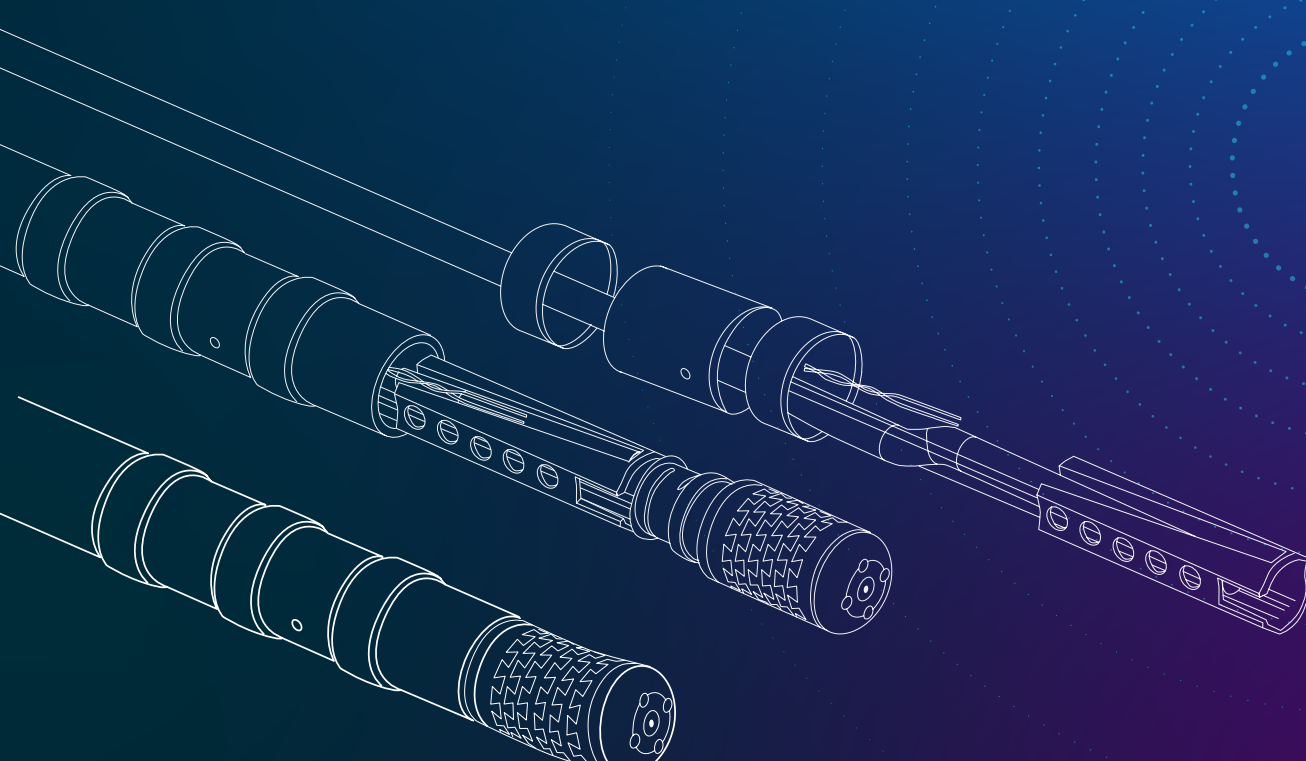


HEART RHYTHM 2024

SESSIONS OF INTEREST

MAY 16-19, 2024

BOSTON CONVENTION
AND EXHIBITION CENTER



MAY 16 | PFA SUMMIT & HRS

Time/Location	Title and Format	Presenter /1st Author
9:10 – 10:40 AM Room 210BC, PFA Summit	Recorded Case: Single-Shot PVI with Balloon-Basket Array (Volt™ PFA System)	Dr. Petr Neuzil, PhD Dr. Vivek Reddy
4:15-4:30 PM 258-BCEC	How to Prep and Ablate VT in a High-Risk Patient	Dr. Jakub Sroubek, PhD
5:00 – 6:30 PM Room 210BC, PFA Summit	Recorded 360° Case: Single-Shot PVI with Balloon-Basket Array (Volt™ PFA System)	Roland Tilz, MD

MAY 17 | DAY 1

Time/Location	Title and Format	Presenter /1st Author
9:15 - 10:15 AM Skills Training Area	Abbott Continuum of Care for the Treatment of Atrial Fibrillation	N/A
10:30 AM - 12:30 PM Abstract Pavilion - BCEC	Poster Session I - Ablation Omnipolar and Vector Mapping in Premature Ventricular Contractions Ablation: a Comparison with Bipolar Mapping (PO-01-117)	Dr. Pasquale Valerio Falzone
	Left Atrial Wall Thickness Correlates with Pulmonary Vein Reconnection Following Atrial Fibrillation Ablation (PO-01-104)	Dr. Alexander Kushnir
11:00 AM – 12:00 PM Rhythm Theater 2	Moderators: Dr. Larry Chinitz and Dr. Ammar Killu Disrupting the Rhythm: Next Advancement in Pulsed Field Ablation	Dr. Amin Al-Ahmad
	How 3D Mapping with EnSite™ X EP System Supports PFA Ablation Outcomes	Dr. Ayman Hussein
	IDE Case: Volt™ PFA System Lesion Dimensions with Focal PFA Pre-clinical on Lesion Sizes	Dr. Jacob Koruth
1:00 - 3:00 PM Abstract Pavilion - BCEC	Poster Session II - Ablation Predictive Parameters for Impending Steam Pops with High Power Short Duration Ablation (PO-02-155)	Dr. Hanxiong Liu
	Novel Utilization of EnSite™ OT Near Field Software for Frequency Analysis Around the Pulmonary Veins in Patients with Atrial Fibrillation (PO-02-150)	Dr. Shingo Maeda

2:54 - 3:04 PM
253 - BCEC

Novel Intra-procedural Mapping Techniques in Ventricular Arrhythmia Ablation | Identifying VT-Isthmuses on Sinus Rhythm Maps: a Electrogram Frequency and Voltage Based Approach

Dr. Christopher Kowalewski

3:30 - 5:30 PM

Abstract Pavilion - BCEC

Poster Session III - Ablation

Safety Profile of the TactiFlex Ablation Catheter, Sensor Enabled Compared to TactiCath Contact Force Ablation Catheter, Sensor Enabled in a Porcine Thigh Model (PO-03-115)

Jed Overmann

MAY 18 | DAY 2

Time/Location

Title and Format

Presenter/1st Author

8:12 - 8:22 AM
204 - BCEC

Improving Safety and Maintaining Efficacy: Radiation Reduction Techniques in Ablation Procedures | How to Create a Fluoroless Radiofrequency Ablation Workflow

Dr. Mansour Razminia

10:30 AM - 12:30 PM

Abstract Pavilion - BCEC

Poster Session IV - Ablation

Early International Clinical Experience with Novel Averaged Impedance Drop Ablation Metric (PO-04-105)

Dr. Senthil Thambidorai

Impact of Tissue Contact Impedance Monitoring on Pulsed Field Ablation Lesion Profile (PO-04-119)

Lakshya Mittal, PhD

High Frequency Electrograms in Low Voltage Identify the Critical Conduction Isthmus of Macroreentrant Atrial Tachycardia Circuits (PO-04-151)

Dr. Jose Merino

High Frequency-Low Amplitude Electrograms in Directionally Opposing Rhythms are Regionally Consistent and Discriminate Sites of Atrial Tachycardia Termination (PO-04-140)

Dr. Jose Merino

Role Of Peak Frequency Analysis In Functional Substrate Mapping During Sinus Rhythm To Detect Critical Isthmus Of Atypical Atrial Tachycardia; Findings From A Novel Automated Annotation Algorithm To Detect Near Field Signals (PO-04-106)

Dr. Hikmet Yorgun

Utility of Local Electrogram Changes in Instantaneous Detection of Seamless Rhythm Changes During Complex Atrial Flutter Ablation (PO-04-146)

Sarah Whittam

<p>1:30 - 3:30 PM Abstract Pavilion - BCEC</p>	<p>Poster Session V - Ablation</p> <p>Efficacy of High Density Voltage and Fractionation Map Guided Ablation Compared Circumferential Pulmonary Vein Isolation (PVI): Sub-analysis of Patients with Persistent Atrial Fibrillation (AF) (PO-05-140)</p> <p>Peak Frequency Can be Effectively Used to Characterize Atrial Remodeling in Atrial Fibrillation. (PO-05-119)</p> <p>Prospective Evaluation of Omnipolar Near-Field Electroanatomic Substrate Mapping for Atrial Fibrillation Ablation (PO-05-142)</p> <p>Unipolar Electrogram Guided Radiofrequency with the Novel TactiFlex™ Catheter Can Tailor RF Energy Delivery (PO-05-147)</p> <p>Utilization of Current as a Metric for High-Power Short-Duration Ablations for Pulmonary Vein Isolation (PO-05-148)</p>	<p>Dr. Hyungseob Park</p> <p>Dr. Shohreh Honarbakhsh</p> <p>Dr. Yuval Shafir</p> <p>Dr. Arsalan Derakhshan</p> <p>Dr. Marvin Louis Roy Lu</p>
<p>1:30 - 3:30 PM Abstract Pavilion - BCEC</p>	<p>Poster Session V - Basic/Translational Science</p> <p>Novel Approach for Intra-operative High-density Mapping using Omnipolar Technology (PO-05-171)</p>	<p>Dr. Mathijs van Schie</p>
<p>3:42 - 3:52 PM 204 - BCEC</p>	<p>Imaging and Mapping Techniques to Improve Clinical Outcomes of VT Ablation Conduction Velocity during Close Coupled Stimulation Predicts Ventricular Tachycardia Isthmus</p>	<p>Dr. Matthew Hanson</p>
<p>3:54 - 4:04 PM 204 - BCEC</p>	<p>Imaging and Mapping Techniques to Improve Clinical Outcomes of VT Ablation Signal Characteristics Aid in Identifying VT Isthmus Regions in Sinus Rhythm</p>	<p>Dr. Amardeep Saluja</p>

MAY 19 | DAY 3

Time/Location	Title and Format	Presenter /1st Author
9:30 - 11:30 AM Abstract Pavilion - BCEC	Poster Session VI - Ablation	
	Chronic Safety and Efficacy of a Novel Balloon Basket PFA Catheter in a Canine Model with Multi-Level Dosing (PO-06-130)	Dr. Sri Sundaram
	Come Stay for a While: Transient Effects of Subtherapeutic PFA (PO-06-162)	Dr. Linda Ruetz
	Redefining Atrial Substrate Assessment in the Omnipolar Mapping Era (PO-06-114)	Dr. Haseeb Valli
	Peak Frequency Mapping Can Identify Anatomic Ganglionic Plexus Sites As Defined By High-Frequency Electrogram Characteristics (PO-06-124)	Dr. Mohamed Zuhair
	First Worldwide Experience Utilizing MedInBox Remote Mapping Support: A Comparison with Standard of Care Ablation (PO-06-168)	Dr. Dale Yoo
	Catheter Choice and Its Impact on Procedural Efficiency and Efficacy (PO-06-163)	Dr. Monica Lo
	From Esophageal Temperature Probe for Mapping an Atypical Atrial Flutter (PO-06-121)	Dr. Marvin Louis Roy Lu
Acute and Long-term Efficacy of Very High-power Short-duration Ablation for Persistent Atrial Fibrillation (PO-06-145)	Dr. Miruna Popa	
1:30 - 3:30 PM Abstract Pavilion - BCEC	Poster Session VI - Clinical Electrophysiology	
	Bipolar vs Omnipolar Mapping in the Detection of Electrogram Abnormalities in Scar-Dependent Ventricular Tachycardia (PO-06-085)	Dr. Michael Waight
	How do Novel Mapping Algorithms Change our VT Maps? Comparing omni- to Bipolar Mapping and Nearfield to the Maximal dv/dt. (PO-06-069)	Dr. Christopher Kowalewski
10:00 - 10:12 AM 253 - BCEC	Mapping and Ablation of Atypical Flutter: A Case-based Practical Approach Mapping and Ablation of de Novo Atypical Atrial Flutter	Dr. Christopher Woods
10:05 - 10:10 AM Moderated Poster Hub 3 - BCEC	Acute Failure of Pulmonary Vein Isolation After Pulsed Field Ablation Detected by 3D Electroanatomic Mapping	Dr. Christian Sohns

Rx Only. Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events, and directions for use.

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