

Heart Rhythm 2024

Medtronic-supported Scientific Sessions

May 16-19, 2024

Boston Convention and

Exhibition Center

Boston, MA

Friday, May 17

LB-469803-01
11:30-11:40 a.m.
Ballroom East West

LEADR in Defibrillation: Global Pivotal Trial Results of a Novel, Small-Diameter Defibrillation Lead Designed for Reliability

George H. Crossley, MD

LB-469804-01
4:00-4:10 p.m.
Ballroom East West

A Randomized Controlled Trial of a Lattice-Tip Mapping and Ablation System with Radiofrequency and Pulsed Field Energy for Treating Persistent Atrial Fibrillation

Elad Anter, MD

MP-470545-001
1:15-1:20 p.m.
Moderated Poster
Hub 1

Infection management in the extravascular implantable cardioverter defibrillator: experience from the EV ICD Pivotal study

Nicolas Clémenty, MD

MP-470547-006
4:35-4:40 p.m.
Moderated Poster
Hub 1

Stroke Risk in Patients with Atrial Fibrillation: Optimal Duration Threshold for Anticoagulant Administration

Rod S. Passman, MD

MP-470547-007
4:45-4:50 p.m.
Moderated Poster
Hub 1

Dynamic QT Interval Trends Observed by Continuous QT Interval Monitoring using Insertable Cardiac Monitors during Antiarrhythmic Loading Hospitalization: Results from the LINQ QT Study

Antony F. Chu, MD

MP-470548-008
4:45-4:50 p.m.
Moderated Poster
Hub 2

Impact of Artificial Intelligence-enhanced Implantable Loop Recorders on Non-actionable Alert Volume and Clinic Workload in Remote Monitoring

Rajesh Kabra, MD

MP-470547-008
4:55-5:00 p.m.
Moderated Poster
Hub 1

Long-term Continuous QTc Interval trends Preceding Sudden Cardiac Arrest in Real-World Patients with implanted Insertable Cardiac Monitor

Antony F. Chu, MD

Poster presentations • Abstract Pavilion

- PO-02-062
1:00–3:00 p.m. **Anodal capture decreases left ventricular contractility during left bundle branch area pacing**
Zachary Whinnett, M.D, PhD
- PO-02-068
1:00–3:00 p.m. **Non-Invasive, Bloodless Estimation of Serum Potassium from ICM ECG Waveforms**
Abhijit Kadrolkar, PhD
- PO-02-175
1:00–3:00 p.m. **AI Enables Significant Reduction of Clinic Review Burden for Legacy ICMs**
Andrew P. Radtke
- PO-02-176
1:00–3:00 p.m. **Temporal characteristics of premature ventricular contraction burden measured by an insertable cardiac monitor prior to incidence of ventricular tachycardia and fibrillation**
Naga Venkata Pothineni, MD
- PO-02-178
1:00–3:00 p.m. **Deep learning to identify patients at risk for heart failure readmission using cardiac implantable device diagnostics**
Veronica Ramos, BSEE, MS
- PO-02-181
1:00–3:00 p.m. **QTc Interval Characteristics in Patients Administered with Antiarrhythmic Drugs using Insertable Cardiac Monitors**
Antony F. Chu, MD
- PO-02-193
1:00–3:00 p.m. **Noise Discrimination with an Extravascular ICD**
Sarah B. Cornell, BSE
- PO-02-198
1:00–3:00 p.m. **Preclinical feasibility of dual chamber pacing from a single leadless pacemaker capsule**
Alexander Mattson, PhD
- PO-02-203
1:00–3:00 p.m. **Post Procedure Extravascular Defibrillator Lead Rotation Management: A Case Series**
Rayan El-Zein, DO, MSCI
- PO-03-001
3:30–5:30 p.m. **Artificial Intelligence for Improved Atrial Flutter/Atrial Tachycardia Detection in Insertable Cardiac Monitor**
Shubha Majumder
- PO-03-037
3:30–5:30 p.m. **Two-year Outcomes of Micra™ AV Leadless Pacemakers in the Micra AV CED Study**
Mikhael El-Chami, MD, FHRS
- PO-03-162
3:30–5:30 p.m. **Real-world treatment pathways and outcomes in a Medicare population with sinus node dysfunction and heart failure with preserved ejection fraction**
Nicole Habel, MD, PhD
- PO-03-184
3:30–5:30 p.m. **Acute hemodynamic evaluation of VV-delay optimization in Left bundle branch Optimized Therapy (LOT)-CRT: what sequence is best?**
Robert D. Schaller, DO

Saturday, May 18

MP-483498-005
2:25-2:30 p.m.
Moderated Poster
Hub 3

Timing, Prevalence, and Impact of Early Recurrence of Atrial Tachyarrhythmias after Pulsed Field Ablation: Secondary Analysis of PULSED AF
Lucas V.A. Boersma, MD, PhD

CI-482892-001
3:30-3:40 p.m.
Room 153

Accuracy of an Artificial Intelligence Algorithm in the Detection and Identification of VT/VF in Patients with Insertable Cardiac Monitors
Sarah G. Taylor, MD

Poster presentations • Abstract Pavilion

PO-04-162
10:30 a.m.-12:30 p.m.

Absorbable antibacterial envelope promotes development of a healthy CIED pocket: primary results of the Pocket Health study
Francois Philippon, MD

PO-04-176
10:30 a.m.-12:30 p.m.

The Impact of Chronic Kidney Disease on Healthcare Utilization and Costs Associated with Cardiac Implantable Electronic Device Infection
Mikhael El-Chami, MD, FHRS

Sunday, May 19

MP-470553-002
9:55-10:00 a.m.
Moderated Poster
Hub 1

Economic Evaluation of Insertable Cardiac Monitors compared to Short-term Monitoring to Detect Atrial Fibrillation After Stroke Attributed to Large-artery or Small-vessel Disease
Matthew R. Reynolds, MD, MS

Poster presentations • Abstract Pavilion

PO-06-004
9:30-11:30 a.m.

Substernal lead removal: experience from the EV ICD Pivotal study
Venkata S. Sagi, MD, MBBS

PO-06-025
9:30-11:30 a.m.

Atrioventricular Leadless Pacemaker Implant in Patients with Prior Device Infections: Results from the Micra AV Post-Approval Registry
Dingxin Qin, MD

PO-06-041
9:30-11:30 a.m.

Traditional Dual-Chamber Right Ventricular Pacing versus Conduction System Pacing in the Medicare Population
Pugazhendhi Vijayaraman, MD

PO-06-135
9:30-11:30 a.m.

Preclinical Assessment of a Form-fitting Mapping and Pulsed Field Ablation Catheter
Iwanari Kawamura, MD

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