

Attendee Brochure

Electrophysiology **Fellows Summit**

Advancing the Education of Tomorrow's Leaders and Decision-Makers



San Antonio Marriott Riverwalk, 889 East Market Street, San Antonio, TX

September 8, 2020 (Welcome Reception) • September 9-10, 2020 (Educational Program)



Co-Sponsor:



www.epfellowssummit.com

The *Summit* is an Opportunity that No Fellow Should Miss.

- Insight into the key areas of electrophysiology.
- The chance to learn from and meet pioneers in the field.
- The opportunity to ask questions and seek guidance on your career.
- The time to engage with other fellows and leaders in the industry.

Meeting Location

San Antonio Marriott Riverwalk
889 East Market Street, San Antonio, TX 78205

Electrophysiology Fellows Summit 2020

The world-renowned faculty and planning committee, who are true pioneers in the field, have developed the premier conference for fellow's education that provides essential background in all facets of electrophysiology. Core to its mission, The Electrophysiology Fellows Summit is committed to advancing the field through high-quality collaborative education that is comprehensive and interactive.

The format consists of didactic lectures, panel discussions of clinical case scenarios and hot topics, illustrative case presentations, which are complemented with live anatomy dissection demonstrations and tracing reviews, along with personalized hands-on simulation training. Fellows have ample opportunities to interact with faculty during discussion forums, which allow for open dialogue on clinical issues and career development.

The Summit is an opportunity that no Fellow should miss, as it provides insight into key areas of electrophysiology, affords the chance to learn from and meet pioneers in the field, enables the opportunity to ask questions and seek career development guidance, and provides a forum to engage with other fellows and leaders in the industry.

Program Overview

Core to its mission, The *Electrophysiology Fellows Summit* is committed to advancing the field through high-quality collaborative education that is comprehensive and interactive.

This premier conference for fellows education provides an essential background into all facets of electrophysiology through expert lectures, interactive discussions, and illustrative case presentations complemented by live anatomy dissection demonstrations and personalized hands-on simulation training.

Target Audience

The *Summit* is designed for trainees currently in (or entering) electrophysiology and cardiology fellowship programs. Additionally, current practicing electrophysiologists, cardiologists, nurses, physician assistants, and other associated allied healthcare professionals and physicians who are involved in the performance of ablation and device based procedures will find this program a beneficial and a comprehensive review.

Learning Objectives

After completion of this course, participants should be able to:

- Evaluate anatomy, biophysics of ablation, and meaning of electrical signals.
- Review common commercially available mapping systems.
- Examine the underlying anatomy and physiology for atrial flutters.
- Evaluate the fundamentals of PVI and how to avoid proarrhythmia with linear ablation.
- Review techniques and technologies to map focal tachycardias.
- Assess techniques for safety with AF ablation.
- Review Intracardiac Ultrasound and imaging modalities in electrophysiology.
- Review and manage complications of AF and VT ablation.
- Describe the science critical to the understanding and treatment of ventricular arrhythmias including, biophysics of ablation and anatomic substrate for VT.
- Appraise correct use of maneuvers for SVT diagnosis.
- Apply approaches to difficult SVT cases, including congenital heart disease.
- Review fundamental device techniques including LV Leads, and the anatomy for implant and extraction.
- Examine key algorithms and troubleshooting for CRT and ICD.

Accreditation

This activity has been planned and implemented by Ciné-Med and MediaSphere Medical. Ciné-Med is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.



JOINT ACCREDITATION[®]
INTERPROFESSIONAL CONTINUING EDUCATION

Ciné-Med designates this live activity for a maximum of **19 AMA PRA Category 1 Credit(s)**[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Ciné-Med designates this activity for 19 Contact Hours for nurses.

Disclosure Statement

It is the policy of MediaSphere Medical and Ciné-Med to ensure balance, independence, objectivity, and scientific rigor in all of its sponsored educational activities. Commercial support from industry does not influence educational content, faculty selection, and/or faculty presentations, and therefore, does not compromise the scientific integrity of the educational activity.

Discussion of off-label product usage and/or off-label product use during case presentations is made at the sole discretion of the faculty. Off-label product discussion and usage are not endorsed by the course organizers or the conference directors of this activity.

Course Directors

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William Henry Sauer, MD

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Samuel Asirvatham, MD

Consultant, Department of Cardiovascular Medicine
Division of Pediatric Cardiology and Department of Physiology and Biomedical Engineering
Professor of Medicine and Pediatrics
Mayo Clinic College of Medicine
Program Director, EP Fellowship Program
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Faculty

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David Wilber, MD

George M. Eisenberg Professor of Medicine
Director of the Electrophysiology Section and
Cardiovascular Institute
Loyola University Medical Center
Chicago, IL

Agenda (*subject to change)

Tuesday, September 8, 2020

3:00PM-6:00PM **Registration**
6:00PM-8:00PM **Welcome Reception**

Wednesday, September 9, 2020

6:30AM-7:25AM **Registration and Breakfast in Exhibit Hall**

7:25AM-7:30AM **Opening Remarks**
Samuel Asirvatham

Session I **Fundamentals of Electrophysiology**

7:30AM-7:55AM **The Underlying Anatomy for the Atrial Flutters That You Will See**
Samuel Asirvatham

7:55AM-8:15AM **The Underlying Physiology: Entrainment**
William Stevenson

8:15AM-8:30AM **Illustrative Case and Discussion**
Jackson Liang

8:30AM-8:50AM **Panel Discussion with Audience Participation**

Session II **Mapping: Making Your Skills Exact**

8:50AM-9:15AM **Mapping Focal Tachycardias**
David Wilber

9:15AM-9:30AM **Illustrative Case and Discussion**
Ammar Killu

9:30AM-9:50AM **Comparison of Common Commercially Available Mapping Systems:
The Basics**
Suraj Kapa

9:50AM-10:35AM **Illustrative Case and Discussion: Case Analyses with New Mapping Systems**
Hiroshi Nakagawa

10:35AM-10:50AM **Recap Review Panel Discussion with Audience Participation**

10:50AM-11:20AM **Coffee Break in Exhibit Hall**

Session III

Techniques for Safety with AF Ablation

11:20AM-11:45AM

Pulmonary Vein Isolation: The Basics

Samuel Asirvatham

11:45AM-12:00PM

Illustrative Case #1 and Discussion

Samuel Asirvatham

12:00PM-12:20PM

Linear Ablation: How to Avoid Proarrhythmia

Francis Marchlinski

12:20PM-12:40PM

Illustrative Case #2 and Discussion: The Roof Line

Suraj Kapa

12:40PM-12:55PM

Illustrative Case #3 and Discussion: Box lesion

Ammar Killu

12:55PM-1:15PM

Recap Review Panel Discussion with Audience Participation

1:15PM-2:15PM

Lunch in Exhibit Hall

Session IV

Dealing with Complex VT Ablation

2:15PM-2:40PM

Mapping Stable VT

Francis Marchlinski

2:40PM-2:55PM

Illustrative Case #1 and Discussion

William Stevenson

2:55PM-3:15PM

Substrate Modification for Unstable VT

William Stevenson

3:15PM-3:30PM

Illustrative Case #2 and Discussion

David Wilber

3:30PM-3:45PM

Illustrative Case #3 and Discussion: Combined Approaches and Discussion

Jackson Liang

3:45PM-4:05PM

Session Recap, Panel Discussion with Audience Participation

Session V

VT in the Normal Heart: Expect Success but not Always Easy

4:05PM-4:30PM

Approach for Outflow Tract VT

Samuel Asirvatham

4:30PM-4:45PM

Illustrative Case #1 and Discussion

Suraj Kapa

4:45PM-5:05PM

Fascicular VT Targeting the Critical Signals

Hiroshi Nakagawa

5:05PM-5:20PM

Illustrative Case #2 and Discussion: Fascicular Trigger for Ventricular Fibrillation

Suraj Kapa

5:20PM-5:40PM

Session Recap and Overview

5:40PM-6:40PM	Session VI Use of Single Ventricular Extrastimuli for SVT Diagnosis: Value of Positioning the Ventricular Catheter at the Base, Close to Earliest Atrial Activation Warren Jackman
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Thursday, September 10, 2020

6:30AM-7:25AM	Breakfast in Exhibit Hall
	Session VII Device Implant and Extraction: Getting It Right
7:25AM-7:55AM	Basic Device Techniques Including LV Leads: The Anatomy for Implant and Extraction Samuel Asirvatham
7:55AM-8:10AM	Illustrative Case #1 and Discussion Jackson Liang
8:10AM-8:30AM	Subcutaneous ICD and Leadless Implant and Removal Kenneth Ellenbogen
8:30AM-8:45AM	Illustrative Case #2 and Discussion Jackson Liang
8:45AM-9:15AM	Lead Extraction Samuel Asirvatham
9:15AM-9:30AM	Illustrative Case #3 and Discussion: Extraction from Above Jackson Liang
9:30AM-9:40AM	Recap and Discussion
9:40AM-10:20AM	Coffee Break in Exhibit Hall
	Session VIII Device Algorithms: The Must-Knows
10:20AM-10:40AM	Key Device Algorithms: Bradycardia Kenneth Ellenbogen
10:40AM-10:55AM	Illustrative Case and Discussion: Algorithm 1 Ammar Killu
10:55AM-11:10AM	Illustrative Case and Discussion: Algorithm 2 Jackson Liang
11:10AM-11:30AM	Key Algorithms and Troubleshooting ICDs Suraj Kapa
11:30AM-11:45AM	Illustrative Case #3 and Discussion Jackson Liang
11:45AM-12:05PM	Key Algorithms for CRT Kenneth Ellenbogen
12:05PM-12:25PM	Recap Review

Session IX

Industry Roundtable: Technology Assessments

12:25PM-12:35PM	Boston Scientific
12:35PM-12:45PM	Medtronic
12:45PM-12:55PM	Abbott
12:55PM-1:05PM	Biotronik
1:05PM-2:25PM	Lunch in Exhibit Hall

Session X

Intracardiac Ultrasound and Imaging in EP

2:25PM-2:50PM	ICE Views Suraj Kapa
2:50PM-3:15PM	Illustrative Case #1 and Discussion Ammar Kilu
3:15PM-3:50PM	Phrenic Nerve Stimulatory Devices and Illustrative Case Kenneth Ellenbogen
3:50PM-4:10PM	Session Recap, Panel Discussion with Audience Participation

Session XI

Difficult SVT Cases Including Congenital Heart Disease

4:10PM-4:30PM	Approach to Congenital Ablation Samuel Asirvatham
4:30PM-4:45PM	Illustrative Case #1 and Discussion Hiroshi Nakagawa
4:45PM-5:00PM	Illustrative Case #2 and Discussion Warren Jackman
5:00PM-5:15PM	Illustrative Case #3 and Discussion Ammar Kilu

Session XII

Recap Session and 3D Simulation of a Complicated Case

5:15PM-6:00PM	Suraj Kapa
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HANDS-ON SIMULATION TRAINING

Expanding Clinical Practice Knowledge through Practical Training and Education

The *Electrophysiology Fellows Summit* offers exceptional opportunities to enhance clinical knowledge through high-quality, hands-on sessions and interactive training. These personalized hands-on simulation training sessions provide a venue to gain new skills on techniques and technologies that can be applied directly into clinical practice.



Here's a summary:

- Practical, learn-the-technique (step-by-step) interactive simulation training within an intimate setting.
- Opportunity to enhance technical knowledge in "learn by doing" procedure/technology focused sessions.
- Case-based, problem-solving, and mentor-centered approach.

Additional details about participation within Hands-on Simulation Training sessions will be posted on www.epfellowssummit.com under Simulation Training.

Registration

Please join us for this unsurpassed opportunity to interact with leading experts.

Registration fees for the *Electrophysiology Fellows Summit*. Full payment is required at the time of registration. Only registrations accompanied with payment will be accepted. Although walk-ins are welcomed, advanced registration is recommended. Please register in advance. The registration fee includes tuition, a course booklet with access to presentations online, link to credit certificate, continental breakfasts, breaks, lunches and the welcome reception.

Registration information

Registration Fees	Before 8/8/2020	After 8/8/2020
Residents Fellows, and Allied Professionals	\$275	\$350
Biomedical, Pharmaceutical or Medical Device Employees	\$525	\$600
Physicians	\$525	\$600

Please visit **registration** at www.epfellowssummit.com and complete the outlined steps.

Scholarships to Attend

A scholarship program is available to support attendance to the *Summit*. Please visit www.epfellowssummit.com for more information about application submission.

Scholarships are designed to provide funding for:

- Round-trip coach airfare
- Standard hotel accommodations up to (3) nights
- Meeting registration fees

Cancellation and Refund Policy

In order to process refunds for course withdrawals, cancellations must be received in writing by August 10, 2020 (subject to a service charge equivalent to 10% of the registration fee, but no less than \$25.00). No refunds will be issued thereafter.

The course organizers reserve the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the course organizers will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airline, and travel agencies.

Meeting Location and Lodging

San Antonio Marriott Riverwalk
889 East Market Street, San Antonio, TX, 78205

Hotel Room Reservations

A block of rooms has been reserved at the San Antonio Marriott Riverwalk at the special group rate of \$199 per night single/double occupancy. We recommend you make a reservation as soon as possible since there are a limited number of rooms available.

This limited room block is available until August 15, 2020 or until the block is full. Reservations made after August 15, 2020 or after the group block is filled are not guaranteed and will likely be at the hotel's prevailing rates. Please visit www.epfellowssummit.com for direction on securing room reservations.

About The San Antonio Marriott Riverwalk

Nestled on San Antonio's River Walk, the newly renovated San Antonio Marriott Riverwalk is a prime location. Recently renovated hotel rooms come with stunning views of either downtown San Antonio or the picturesque River Walk. The River Walk, or Paseo del Rio, is a San Antonio treasure and the largest urban ecosystem in the nation. Tucked quietly below street level and only steps from the Alamo, it provides a serene and pleasant way to navigate the city.



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