



ISLAA

International Symposium
on Left Atrial Appendage

2022

**10TH Annual
International Symposium on Left Atrial Appendage**

**March 18 - 19, 2022
In Person/Online Event
Warner Center Marriott
Woodland Hills, CA**

www.islaasymposium.com

INTRO & CONFERENCE OVERVIEW



The 10TH International Symposium on Left Atrial Appendage strives to serve as the premier educational event for electrophysiologists, interventional cardiologists, neurologists and stroke specialists, internal and family medicine physicians and associated professionals dedicated to the management of patients with arrhythmias.

LEARNING OBJECTIVES

- Compare and contrast NOACs for efficacy and safety, while emphasizing the patient populations for whom they are best suited.
- Review evidence-based guidelines and best clinical approaches to thromboprophylaxis.
- Assess the cost-effectiveness of systemic anticoagulation versus LAA exclusion technologies for stroke prophylaxis.
- Review the role of oral anticoagulation in stroke prophylaxis.
- Describe systemic thromboembolization and the role of LAA in patients with atrial fibrillation.
- Express a working knowledge of the role(s) of LAA in specific patient subgroups (ie, OAC treatment-(in)eligible, prescription failure).
- Discuss treatment options for the management of postoperative pericardial inflammation.
- Identify needle devices which can be utilized in specific patients to minimize complications associated with epicardial access.
- Review device types and techniques which may be employed to mitigate an incomplete LAA closure.

PROGRAM FORMAT

This symposium is a multi-specialty cardiovascular educational symposium on the frontier science of left atrial appendage (LAA). This topic is of tremendous interest in the practice of cardiovascular care. Over a period of two days, the symposium will offer very informative presentations on the anatomy, physiology and pathological aspect of the LAA, along with old and new therapeutic strategies of stroke prophylaxis including cardiac devices for LAA exclusion. Presenting will be global leaders in the field with a great depth of practical expertise in the science.

This symposium will address gaps in knowledge and competence through didactic lecture, panel discussions, debate and discussion of live case studies. This symposium is designed for physicians, advanced practice registered nurses, nurses and allied health professionals in the fields of electrophysiology, cardiology, family and internal medicine.

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Academy for Continued Healthcare Learning (ACHL) and ISLAA Foundation. ACHL is accredited by the ACCME to provide continuing medical education for physicians.

The Academy for Continued Healthcare Learning designates this live activity for a maximum of 16 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: Provider approved by the California Board of Registered Nursing, Provider Number 17273 for 16 contact hours.

HOW DO I OBTAIN MY CME/CE CREDITS

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FRI - MARCH 18

SESSION 1 - 8:00 AM – 10:00 AM PST

Moderator: Dr. Thomas Deering Panelist: Dr. Andrea Russo & Dr. Boris Schmidt

- Live Cases from Europe –
- Difficulties of Calling a Thrombus Sludge/Pectinate – Role of CT/TEE Intra-atrial Heparin and More – Dr. Rebecca Hahn
- LAA Anatomy – Ostial Size, Orientation, Proximal Lobes - Implications to Device Choice and Transseptal Access – Dr. Matthew Price
- Current Concepts in Transseptal Access - Dr. Rakesh Gopinathannair
- Epicardial Access – The Old, The New and the Latest Techniques and Tools – Dr. Pawel Derejko
- New Steerable Transseptal Sheaths When and How? – Dr. Jacqueline Saw
- Preprocedural Imaging CT or TEE and Why? – Dr. Dee Dee Wang
- Discussion

BREAK - 10:00 AM – 10:20 AM PST

SESSION 2 - 10:20 AM - 12:0 PM PST

Moderator: Dr. Brij Maini Panelist: Dr. Walid Saliba & Dr. Mohit Turagam

- Live Cases from Mt. Sinai –
- Intraprocedural Tee – Nuances for Successful Closure – Dr. Bushra Rana
- ICE Based Approach to LAA Procedures, Which Patient, LAAO Type and Why? – Dr. Rodney Horton
- Fusion Imaging and Dielectric Imaging for LAAO – Dr. Apostolos Tzikas
- 3D and 4D ICE – Added Value or a Mere Scientific Exploration? – Dr. Andrea Natale
- LAAO in the COVID Era – Moderate Sedation vs General Anesthesia and Same Day Discharge – Dr. Thomas Deering
- Discussion

LUNCH - 12:00 PM PST

SESSION 3 - 1:00 PM – 2:40 PM PST

Moderator: Dr. Jodie Hurwitz Panelist: Dr. Oussama Wazni & Dr. David R. Holmes Jr.

- Live Cases from Los Robles –
- Amulet IDE Update – Dr. Dhanunjaya Lakkireddy
- LAAOS III – Dr. David DeLurgio
- PINNACLE FLX and OPTION – Update – Dr. Shephal Doshi
- aMAZE Update – Dr. David Wilber
- CATALYST and CHAMPION Update – Dr. Vivek Reddy
- Discussion

FRI - MARCH 18

SESSION 4 - 3:00 PM – 4:10 PM PST

Moderator: Dr. Devi Nair Panelist: Dr. Srinivas Dukkipati & Dr. Poojita Shivamurthy

- LAAO in Patients with Persistent LAA Thrombus Considerations –
Dr. Jalaj Garg
- Surgical LAA Exclusion During Open Heart Surgery for CABG/Valve Replacement –
Dr. Gregory Fontana
- Role of Simulators and Training Impact on LAAO Outcomes – Dr. Reda Ibrahim
- LAA Endocardial Isolation and Occlusion Consideration – Dr. Luigi Di Biase
- Role of LAA in AF and Epicardial Closure Considerations – Dr. Dhanunjaya Lakkireddy
- Discussion

SESSION 5 - 4:10 PM – 5:30 PM PST

Moderator: Dr. Moussa Mansour Panelist: Dr. Jalaj Garg & Dr. Andrea Natale

- Thrombus on the Sheath and/or Device – What Do You Do? – Dr. Saibal Kar
- Acute Pericardial Effusion with Transseptal in the Left Atrium – What Do You Do? –
Dr. Brij Maini
- Complications Related to Lariat – Prevention & Management – Dr. Krzysztof Bartus
- When and How to Use a Cerebral Protection Device During LAA Implantation -
Dr. Saibal Kar
- Device Embolization Prevention and Management – Dr. David Holmes
- Sex Differences on the Outcomes of LAAO Devices – Lessons Learnt So Far –
Dr. Andrea Russo
- Discussion

SAT - MARCH 19

SESSION 6 - 8:00 AM – 9:00 PM PST

Moderator: Dr. William Gray Panelist: Dr. Ashish Sadhu & Dr. Matthew Price

- How To Do an AtriClip – Dr. Gregory Fontana
- How To Do a Lambre – Dr. Lars Sondergaard
- How To Do a Lariat – Dr. Abdi Rasekh
- Understanding LAA Physiology and Fluid Management After Epicardial Exclusion - Dr. Krzysztof Bartus
- Discussion

SESSION 7 - 9:00 AM – 9:20 AM

John L. Madden Memorial Lectureship & Award Presentation

Moderator: Dr. Dhanunjaya Lakkireddy

- Lessons Learnt from the Napkin – Dr. David R. Holmes Jr.

BREAK - 9:20 AM – 9:30 AM PST

SESSION 8 - 9:30 AM – 11:00 AM PST

Moderator: Dr. Thomas Deering Panelist: Dr. Jacqueline Saw & Dr. Domenico Giovanni Della Rocca

- Live Case from Austin –
- Cardiac Imaging in PDLs - CT Versus TEE – Which is Better and Why? – Dr. Walid Saliba
- Factors Influencing Peri-Device Leaks (PDL) – How Much Leak is Really Leaky? Difference Between Flow? and Real Leak – Dr. Apostolos Tzikas
- Implications of Peri-Device Leaks on Clinical Outcomes – Dr. Boris Schmidt
- Data Behind PDL Closure Techniques – Dr. Andrea Natale

SESSION 9 - 11:00 AM – 12:10 AM PST

Moderator: Dr. Shephal Doshi Panelist: Dr. Bushra Rana & Dr. David DeLurgio

- Incidence and Difference in Device Related Thrombus (DRT) with Various LAAO Devices – Dr. Amin Al-Ahmad
- Pathophysiology of DRT – Dr. Alope Finn
- Post LAAO – OAC/OAP Therapy – What Works and What Doesn't Work? – Dr. Srinivas Dukkipati
- How to Manage DRT – Dr. Jens Erik Nielsen-Kudsk
- Future Research in Managing/Preventing DRT & Device Related Leaks - Dr. Moussa Mansour
- Discussion

SAT - MARCH 19

SESSION 10 - 1:00 PM – 2:00 PM PST

Moderator: Dr. Jodie Hurwitz Panelist: Dr. Luigi Di Biase & Dr. Amin Al-Ahmad

- SeaLA LAA Occluder - Dr. Horst Sievert
- Endomatic LAA Closure - Dr. Horst Sievert
- How To Do a Conformal Device Implant - Dr. Sephal Doshi
- LAMINAR- Dr. Saibal Kar
- Discussion

SESSION 11 - 2:00 PM – 2:50 PM PST

Moderator: Dr. Thomas Deering Panelist: Dr. Dhanunjaya Lakkireddy

- This is How to Get a WATCHMAN Flex in 4 Unusual and Different Patient Morphologies – Dr. Saibal Kar
- This is How to Get an Amulet in 4 Unusual and Different Patient Morphologies – Dr. Vivek Reddy
- This is How to Get an AtriClip/Lariat in 4 Unusual and Different Patient Morphologies – Dr. Armin Kiankhooy
- Discussion

BREAK - 2:50 PM – 3:00 PM PST

SESSION 12 - 3:00 PM – 4:00 PM PST

Moderator: Dr. Krzysztof Bartus Panelist: Dr. Saibal Kar & Dr. Andrea Russo

- How To Manage and Extract a Chronically Mispositioned LAAO – Dr. Rodney Horton
- PV/Mitral Valve Impingement with LAAO – Precaution and Management – Dr. Lars Sondergaard
- Long-Term OAC & Brain Hemorrhage Risk – Recent Updates and RCTs – Dr. Edip Gurol
- LAAO in Mitraclip or TAVR – Growing Evidence – Dr. William Gray
- LAAO with AF Ablation – Are We There Yet? – Dr. Oussama Wazni
- Discussion

SESSION 13 - 4:00 PM – 5:00 PM PST

Moderator: Dr. David R. Holmes Panelist: Dr. Andrea Natale & Dr. Rodney Horton

- My Most Challenging Cases 6 Cases with Discussion
Dr. Devi Nair Dr. Vijay Swarup
Dr. Ashish Sadhu Dr. Sephal Doshi
Dr. Monica Lo Dr. Ahmed Romeya

THE JOHN L. MADDEN FOUNDERS AWARD



Dr. Holmes is currently a Professor of Medicine at the Mayo Clinic College of Medicine and consultant in the Department of Cardiovascular Medicine at Mayo Clinic in Rochester, Minnesota. He is the Director of Device Translational Studies. Dr. Holmes has also been named the Edward W. and Betty Knight Scripps Professor in Cardiovascular Medicine in Honor of Dr. George M. Gura, Jr. He was awarded an Honorary Fellowship of the Royal College of Physicians in Ireland in November 2011. He has received the Distinguished Scientist Award (Clinical Domain) from the American College of Cardiology and the Research Career Achievement Award from the Mayo Graduate School of Medicine. He is a Past President of the American College of Cardiology (ACC) as well as the Society for Cardiac Angiography and Interventions (SCAI). Dr. Holmes has received the Herrick Award from the American Heart Association and continues to lecture both nationally and internationally. He was a recipient of the 2020 Mayo Clinic Distinguished Alumni Award.



His special areas of interest include acute coronary syndromes, interventional cardiology, restenosis, vascular biology, and risk outcomes analysis. He has been involved in the development of new catheter designs for stroke prevention using left atrial appendage occlusion technology. Dr. Holmes is a named inventor of the Watchman Left Atrial Appendage Occlusion device. He has been involved with the introduction and dispersion of transcatheter aortic valve replacement (TAVR) in the US working with both ACC and the Society for Thoracic Surgery (STS). As part of his work with TAVR, Dr. Holmes has been involved with regulatory agencies including the FDA and CMS. This collaboration led to the development of a working group on Early Feasibility Studies (EFS). He is involved in the development of continued application of percutaneous coronary intervention technology to noncoronary vascular beds.

About Dr. John L. Madden (1912-1999): Dr. John L. Madden was a true American hero who helped advance the field of vascular and cardiovascular surgery through many of his groundbreaking innovations. Dr. Madden, a former director of surgery at St. Clare's Hospital and Health Center in Manhattan, was credited with helping develop techniques used in a variety of surgeries, including those for aortic aneurysms, in colorectal procedures and in mastectomies. His foremost work came from his discovery of the role of LAA in systemic thromboembolism and the proposition of Left Auricular resection as a treatment for recurrent strokes in patients with atrial fibrillation. His publication – **Resection of left auricular appendix – A prophylaxis for recurrent arterial emboli. JAMA 1948; 140:769-72**, heralded the role of LAA management in Stroke prophylaxis for AF patients 70 years ago.



"John Madden has made innumerable contributions to the field of surgery, most notably in the field of biliary and pancreatic diseases," wrote the authors of the 1996 book "Band of Brothers: Creators of Modern Vascular Surgery" (G. Johnson, 1996). In 1952, he received the American Medical Association's Ludwig Hektoen gold medal for work illustrating blood vessels. John Leo Madden was born in Washington on Aug. 15, 1912, the son of John J. and Catherine McLaughlin Madden, both Irish immigrants. He graduated from the medical school at George Washington University in 1937, and served in the Army Medical Corps in the Pacific Theater during World War II



ISLAA Annual Chicken Wing Award



**Chicken Wing Award
Presented to:
Dr. Sephal Doshi**

**This award is presented to an individual
in honor of their ground breaking
contributions to the
Left Atrial Appendage field**

Past Winners

**2021 - Dr. Rodney Horton
2020 - Dr. Vivek Reddy
2019 - Dr. Saibal Kar
2018 - Dr. Luigi Di Biase**

Faculty



Amin Al-Ahmad, MD
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Krzysztof Bartus, MD
Jagiellonian University
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Piedmont Heart Institute
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Albert Einstein College of Medicine at
Montefiore Hospital - New York NY

Sephal Doshi, MD
Pacific Heart
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Srinivas Dukkupati, MD
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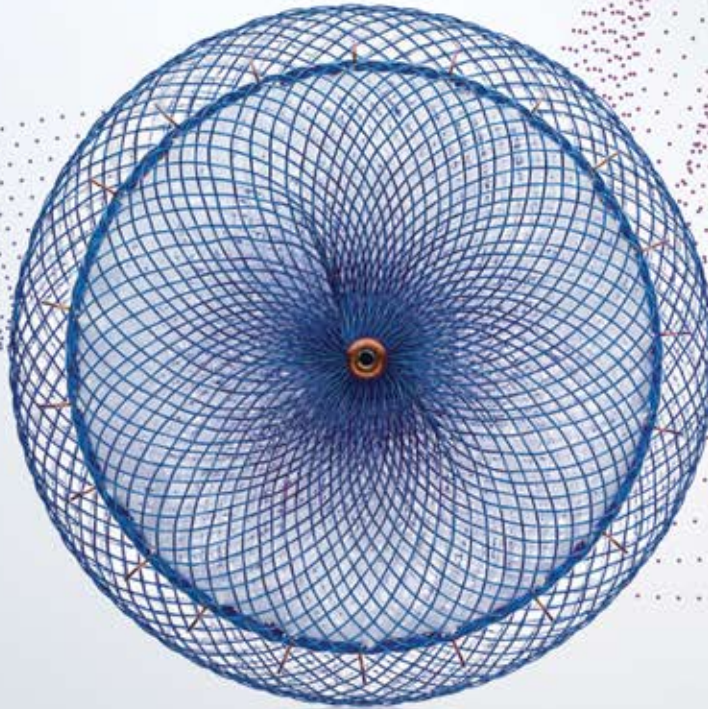
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1. Lakkireddy, et al. *Circulation*. 2021.

2. Amplatzer™ Amulet™ LAA Occluder Instructions for Use.

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1. Hemami M, Kuroki K, Schurmann PA, et al. Left Atrial Appendage Closure with the Watchman Device Using Intracardiac vs Transesophageal Echocardiography: Procedural and Cost Considerations. Heart Rhythm Vol. 16, 334-342, 2019.
2. Boccialetto F, Baptista E, Muench A, et al. Comparison of Intracardiac Echocardiography Versus Transesophageal Echocardiography: Guidance for Percutaneous Transcatheter Closure of Atrial Septal Defect. The American Journal of Cardiology Vol. 93, 2004.
3. Hyazir ZM, Wang Z, Cao QL, et al. Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale Under Intracardiac Echocardiographic Guidance: Feasibility and Comparison with Transesophageal Echocardiography. Catheterization and Cardiovascular Interventions 52: 194-199, 2001.

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CME Accredited On-Demand Webinar

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Webinar Description

This CME accredited webinar will review the results of the landmark clinical trial, LAAOS III, and assess impact to the practice of surgical LAA exclusion. Additional lectures will examine the role of oral anticoagulation for patients discharged in sinus rhythm after Cox Maze IV procedure, and assess the rationale and benefits of standalone epicardial LAA exclusion for thromboembolism prevention in Atrial Fibrillation, as well as prophylactic epicardial LAA exclusion for thromboembolism prevention in high-risk patients. The didactic lectures and case reviews are complemented with a closing panel discussion with Q&A session.

Agenda

Welcome and Introduction

Niv Ad, MD

LAAOS III – The Significance to the Practice of Surgical LAA Exclusion

Richard Whitlock, MD, PhD

CHA₂DS₂-VASc Score and Anticoagulation Following the Cox Maze Procedure. Is there a Need for a Different Scoring System?

Niv Ad, MD

Standalone Epicardial LAA Exclusion for Thromboembolism Prevention in Atrial Fibrillation

Richard Cartledge, MD

Prophylactic Epicardial LAA Exclusion for Thromboembolism Prevention in High-Risk Patients

Basel Ramlawi, MD

Panel Discussion with Q&A Session

Moderator: Niv Ad, MD

Panelists: Richard Cartledge, MD, Basel Ramlawi, MD, Richard Whitlock, MD, PhD

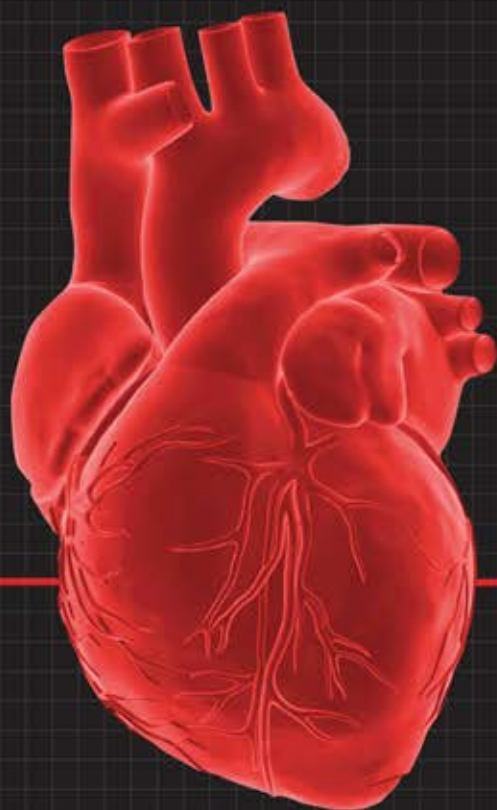
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August 20-21, 2022
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Course Director:

Dhanunjaya Lakkireddy, MD, FACC, FHRS
Kansas City Heart Rhythm Institute, Overland Park, KS

PIONEER IN ELECTROPHYSIOLOGY AWARD RECIPIENT AND KEYNOTE SPEAKER

Eric N. Prystowsky, MD
Director, Cardiac Arrhythmia Service
Ascension St. Vincent Hospital
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