

UW Medicine

UW SCHOOL
OF MEDICINE



Washington
CHAPTER



Heart Rhythm SocietySM
SYNCHRONY PROGRAM

10th Annual
**Lead Management Update
Symposium**

**Saturday
October 18, 2025**

**Orin Smith Auditorium
850 Republican Street
Seattle, WA 98109**

Sponsored by UW School of Medicine
Division of Cardiology
Office of Continuing Medical Education

Endorsed by:
American College of Cardiology |
Washington Chapter
Heart Rhythm Society | Synchrony
Program

TARGET AUDIENCE

This course is designed for cardiac electrophysiologists, cardiologists, cardiothoracic surgeons, fellows-in-training, advanced practice providers (ARNPs and PAs), nurses, cardiovascular technicians, allied health professionals, and primary care physicians involved in longitudinal cardiac device care.

COURSE DESCRIPTION

The 10th Annual Lead Management Update Symposium provides a comprehensive, evidence-based review of cardiac implantable electronic device (CIED) lead management. Topics include indications for lead extraction, infection prevention, post-extraction care, and emerging technologies. The program features expert-led lectures, guideline updates, and interactive case-based discussions to enhance clinical decision-making and improve patient outcomes.

COURSE OBJECTIVES

Upon completion of this activity, attendees should be able to:

- Manage patients who experience CIED complications, including advisory, recalls and infection.
- Recognize when to refer to a specialist.
- Describe updates in published literature, guidelines and consensus documents.
- Identify methods to prevent complications from CIEDs, to include reviewing the efficacy of lead extraction and appropriate device implantation.

ATTENDANCE POLICY

Course activities are exclusively reserved for course attendees. This course will only be offered in-person.

ACCREDITATION

Accreditation with Commendation: The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation: The University of Washington School of Medicine designates this Live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FEES AND REGISTRATION

To enroll, please register online at uwcme.org.

Continuing Medical Education at the University of Washington is a self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. The course fees are estimated to cover transcripts of AMA PRA Category 1 Credits™, access to online instruction materials, course logistics, food and beverage, alcohol during the reception, faculty planning, travel, honoraria, and staff salaries.

If you have not received confirmation prior to the course start, please contact the CME office at cme@uw.edu. Continuing Medical Education will not be responsible for expenses.

Registration	In-Person
All Learners	\$250
*Resident/Fellow/Student	\$150
Industry Professional (Non-Exhibiting)	\$500
*Resident/Fellow/Student rate requires written confirmation of current Resident/Fellow/Student status. Failure to provide current documentation will result in a higher rate applied to your registration.	

Registration rates increase by \$25 effective October 3, 2025.



Exhibitors are welcome at this event.

We have two exhibitor levels, Premium and Standard. Premium space is limited to four tables. Email cmeconf@uw.edu if you are interested in registering as an exhibitor for this event.

PRESENTATIONS AND COURSE MATERIALS

Instruction materials will be available online at uwcme.org (for conference registrants only). Materials will be available starting on October 6, 2025, for registrants to print and/or download. A printed syllabus with the conference agenda and pages for note-taking will be uploaded with course materials and available at the conference.

CANCELLATION POLICY

The Office of Continuing Medical Education must receive written notification of your cancellation by **October 4, 2025**. A \$75.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued after October 4, 2025. The Office of Continuing Medical Education reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified through email and receive a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties. Contact the CME Office with questions call 206.543.1050, fax 206.221.4525 or email cme@uw.edu.

DIETARY REQUESTS

UW CME takes into consideration diverse nutritional preferences and restrictions when planning our complimentary menu. However, those individuals who might find that our menu is not completely aligned to their specific nutritional needs are welcome to bring their own food items.

If you have dietary restrictions (e.g., vegan, gluten-free, etc.), send an email to cme@uw.edu by October 3, 2025.

SPECIAL SERVICES

The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, gender identity, sexual orientation, age, marital status, disability, or status as a protected veteran in accordance with University policy and applicable federal and state statutes and regulations. The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education, and employment for individuals with disabilities. To request disability accommodation in the application process, contact the department at 206.543.1050 or the Disability Services Office at least ten days in advance.

Disability Services Office
206.543.6450/Voice • 206.543.6452/TTY 206.685.7264/Fax • e-mail: dso@uw.edu

The following hotels are located near the conference site. To make reservations, please contact the hotels directly.

<u>Astra Hotel</u> <u>A Tribute Hotel</u> 300 Terry Ave N Seattle, WA 98109 206.693.6000	<u>Courtyard by Marriott</u> 925 Westlake Ave N Seattle, WA 98109 206.213.0100	<u>EVEN Hotel</u> 527 Fairview Ave N Seattle, WA 98109 206.596.2302	<u>Fairfield Inn & Suites</u> 226 7th Ave N Seattle, WA 98109 206.443.2012
<u>Hyatt House</u> 201 Fifth Ave N Seattle, WA 98109 206.727.1234	<u>MOXY Seattle Downtown</u> 1016 Republican Street Seattle, WA 98109 206.708.8200	<u>Residence Inn</u> 800 Fairview Ave N Seattle, WA 98109 206.624.6000	<u>Staybridge Suites</u> 1119 Mercer Street Seattle, WA 98109 877.238.8889

Course Faculty

Course Co-Chairs

Nazem Akoum, MD, MS, FACC, FAHA, FHRS

Professor of Medicine
Division of Cardiology
Adjunct Professor, Bioengineering
Section Chief, Cardiac Electrophysiology
Director, Clinical Cardiac Electrophysiology Fellowship
Attending Physician
UW Medical Center: Montlake

Jeanne Poole, MD, FACC

Professor of Medicine
Division of Cardiology/Electrophysiology Laboratory
Attending Physician
UW Medical Center: Montlake

Guest Faculty

Jamil Bashir, MD, FRCS(C)

Clinical Professor
Division Head, Cardiac Surgery
Undergraduate Education Director
Surgical Director, Laser Lead Extraction and Devices
University of British Columbia
Vancouver, BC, Canada

Aron Bender, MD

Electrophysiologist
Cardiovascular Center
University of California, Los Angeles
Los Angeles, CA

Ulrika Birgersdotter-Green, MD, FHRS

Professor of Medicine
Director, Pacemaker and ICD Services
University of California San Diego
San Diego, CA

Yong-Mei Cha, MD, FACC

Cardiac Electrophysiologist
Cardiologist
Department of Cardiovascular Medicine
Mayo Clinic
Rochester, MN

Roger A. Freedman, MD

Professor of Medicine
University of Utah
Salt Lake City, UT

Marye Gleva, MD, FACC

Professor of Medicine
Washington University in St. Louis
St. Louis, MO

Charles Henrikson, MD, MPH

Professor of Medicine
Division of Cardiovascular Medicine
School of Medicine
Oregon Health & Science University
Portland, OR

Andrew Krahn, MD, FHRS

Professor, Chief of Cardiology
University of British Columbia
Vancouver, BC, Canada

Anne-Sophie Lacharite-Roberge, MD

Assistant Professor of Medicine
Division of Cardiology
UC San Diego Health
San Diego, CA

Byron Lee, MD, FACC

Professor of Medicine
Samuel T. and Elizabeth Webb Reeves Endowed Chair in Arrhythmia Research
Director of the Electrophysiology Laboratories and Clinics
UCSF, Division of Cardiology
University of California - San Francisco
San Francisco, CA

Blandine Mondésert, MD

Clinical Associate Professor
Department of Medicine
Division of Cardiology
Institut de Cardiologie de Montréal
Université de Montréal
Montréal, QC, Canada

Course Faculty

Guest Faculty Cont.

Bilal Munir, MD

Associate Professor
Director of Heart Station
Division of Cardiovascular Medicine
UC Davis Health
Sacramento, CA

Raymond Schaerf, MD

Clinical Associate Professor
Cardiac Surgery
Director, Community Engagement and Physician
Relations
Cedars-Sinai Medical Center
Los Angeles, CA

Amir Schricker, MD, FACC

Electrophysiologist
Sutter Health
Burlingame, CA

Soori Sivakumaran, MD

Cardiologist
Edmonton, AB, Canada

Charles Swerdlow, MD, FACC, FAHA, FHRS

Clinical Professor of Medicine
Cedars-Sinai Medical Center
Los Angeles, CA

Pierce Vatterott, MD

Cardiologist
Allina Health United Hospital
Saint Paul, MN

Wei Wang, MD

Assistant Clinical Professor
Department of Surgery
Faculty of Medicine & Dentistry
University of Alberta
Edmonton, AL, Canada

UW Faculty

Terry Chun, MD

Associate Professor
Department of Pediatrics
Division of Cardiology
Seattle Children's Hospital

David Elison, MD

Assistant Professor of Medicine
Division of Cardiology

Roberto Gallotti, MD

Assistant Professor
Division of Cardiology
Department of Pediatrics
Seattle Children's Hospital

Julie (Beixin) He, MD

Clinical Assistant Professor of
Medicine
Attending Physician
VA Puget Sound Health Care System

Audrey Li, MD

Assistant Professor
Department of Medicine
Division of Allergy and Infectious Diseases

Burkhard Mackensen, MD, PhD, FASE, FSCAI

Professor & Chair
Anesthesiology & Pain Medicine
Allan J. Treuer Endowed Professor of Anesthesiology
Adjunct Professor of Medicine

Shakirat (Lara) Oyetunji, MD, MPH

Associate Professor
Cardiac Surgery

Kristen Patton, MD, FACC, FAHA, FHRS

Professor of Medicine
Division of Cardiology/Electrophysiology
Director, Lead Management and Extraction Program

Saturday, October 18, 2025

7:50 Welcome & Introduction | *Nazem Akoum, MD, MS, FACC, FAHA, FHRS & Jeanne Poole, MD, FACC*

Session 1: Updates in CIEDs Guidelines and Technology

Session Chairs: Kristen Patton, MD, FACC, FAHA, FHRS & Nazem Akoum, MD, MS, FACC, FAHA, FHRS

8:00 Current Indications for Lead Extraction: Review of the Guidelines | *Yong-Mei Cha, MD*

8:15 What's New in CIED Technology and What is Known About Infectious Risk pt. 1 | *Bilal Munir, MD*

8:30 What's New in CIED Technology and What is Known About Infectious Risk pt. 2 | *Ulrika Birgersdotter-Green, MD, FHRS*

8:45 MRI – Updates on Safety and Non-Conditional Situations | *Andrew Krahn, MD, FHRS*

9:00 Session 1 Panel Discussion

Session 2: CIED Infections - Management

Session Chairs: Charles Henrikson, MD, MPH & Ulrika Birgersdotter-Green, MD, FHRS

9:15 Is This Pocket Infected? How to Diagnose CIED Infections | *Marye Gleva, MD*

9:30 Bloodstream Infection, Biofilm, and Bias: Diagnostic Dilemmas in Suspected CIED Infection | *Kristen Patton, MD, FACC, FAHA, FHRS*

9:45 Preventing Infection and Poor Wound Healing - Using Good Surgical Technique | *Jamil Bashir, MD, FRCS(C)*

10:00 Use of Infection Avoidance Techniques | *Anne-Sophie Lacharite-Roberge, MD*

10:15 Session 2 Panel Discussion

10:30 BREAK

Session 3: Lead Extraction Indications, Methods, and Considerations

Session Chairs: Andrew Krahn, MD, FHRS & Aron Bender, MD

10:45 Lead Extraction Tools: When to Use What? | *Soori Sivakumaran, MD*

10:55 CIED System Removal & Extraction - Acute Risks, Post Procedural Risks | *Charles Henrikson, MD, MPH*

11:05 Post Extraction Management of Endocarditis and the Infected Pocket | *Audrey Li, MD*

11:15 Retrieval of Leadless Pacemakers | *Julie (Beixin) He, MD*

11:25 Leadless Pacemakers Instead of Epicardial Leads and Other Novel Pacing Methods – Perspective From the CT Surgeon | *Shakirat (Lara) Oyetunji, MD, MPH*

11:35 Session 3 Panel Discussion

12:00 LUNCH

All times listed are in Pacific Standard Time

Saturday, October 18, 2025

Session 4: Diagnosing Lead Failure and Case Based Lead Failure and Troubleshooting

Session Chairs: Jeanne Poole, MD, FACC & Julie (Beixin) He, MD

12:45 Understanding Lead Construction/Lead Testing – Impact on Lead Survival and Failure
| *Pierce Vatterott, MD*

1:00 New Studies in Lead Technology | *Charles Swerdlow, MD, FAHA, FHRS, FACC*

1:15 Session 4 Panel Discussion

Session 5 – The Tricuspid Valve

Session Chairs: Jamil Basir, MD, FRCS(C) & Kristen Patton, MD, FACC, FAHA, FHRS

1:30 Anatomy & Echocardiography of the Tricuspid Valve |
Burkhard Mackensen, MD, PhD, FASE, FSCAI

1:45 Management of TCV Insufficiency | *David Elison, MD*

2:00 CIED Management in Patients Requiring TVR | *Wei Wang, MD*

2:15 Session 5 Panel Discussion

2:30 BREAK

Session 6a: Unique Challenges - Case Based Discussion #1

Session Chair: Byron Lee, MD & Bilal Munir, MD

2:45 Dual Coil ICD Leads and Other Tough Situations | *Byron Lee, MD*

3:00 When is a Femoral Approach the Best? | *Roger Freedman, MD*

3:15 Big Vegetation – When to Use Endovascular Thrombi, Vegetation Removal System |
Raymond Schaerf, MD

3:30 Panel Discussion

Session 6b: Unique Challenges - Case Based Discussion #2

Session Chair: Terry Chun, MD & Roberto Gallotti, MD

3:50 Extraction of HIS and LBB Leads | *Amir Schricker, MD*

4:05 Choices for Pacemakers in ACHD Patients | *Blandine Mondesert, MD*

4:20 Extraction in Adult Congenital Heart Disease | *Aron Bender, MD*

4:35 Panel Discussion

4:50 Closing Statements & ADJOURN

5:00 RECEPTION

All times listed are in Pacific Standard Time