

Session 5: Atrial fibrillation: Strategies for management based on mechanisms, classification and mapping

AF management strategies: Based on mechanisms or empiricism? • Defining AF populations and their natural history with population studies and implanted devices • What are target populations for interventional AF therapies • The role of atrial defibrillation • Hybrid therapy in AF: Outcomes & algorithms for patient application • Discussion: 30 mins

Afternoon:

Concurrent Workshops

Video Workshop 4: Advanced techniques in implantable device therapy: Their evolving role and applications

Rhythm and hemodynamic monitoring: devices and applications • Alternative site pacing: His Bundle, RV outflow tract, multisite atrial and ventricular pacing • Transvenous lead extraction technology and techniques • Left ventricular and coronary sinus pacing

Workshop 5: New ablation methods: Mechanisms of action, technique and outcome assessment

Trigger ablation • Linear and other substrate ablation methods • “Hybrid” ablation and device therapy • New techniques of surgical ablation • Matching technique to the patient with paroxysmal, persistent and permanent AF

Workshop 6: New energy sources, imaging and catheter technology for mapping and ablation

New power sources: cryo, laser and other modalities • Anatomic and guided catheter technology • Intracardiac echocardiography in EP procedures • Magnetic navigation and robotics in the EP laboratory

Saturday, September 28, 2002

Morning:

Session 6: Impact of clinical trials on practice in pacing & electrophysiology

Atrial fibrillation • Sudden cardiac death • Congestive heart failure • Bradyarrhythmias • Panel discussion

Session 7: Future directions in interventional electrophysiology

New development in ablative and imaging technology • Surgical isolation of the pulmonary veins and other AF ablation methods • Magnetic navigation and robotics in cardiac electrophysiology and cardiac catheterization • ICD technology: automation, artificial intelligence and wireless monitoring • Discussion

Program Directors

Sanjeev Saksena, MD, *Clinical Professor of Medicine, RWJ Medical School, Director, Cardiovascular Institute, Atlantic Health Systems (Passaic), NJ*

Berndt Lüderitz, MD, *Professor of Medicine, Chairman, Department of Cardiology, University of Bonn, Germany*

Faculty

Masood Akhtar, MD, *University of Wisconsin Medical School, Milwaukee Heart Institute, Milwaukee, WI*

Etienne Aliot, MD, FESC, *Hôpital Central, Nancy, France*

David S. Benditt, MD, *University of Minnesota Hospitals and Clinic, Minneapolis, MN*

Michael E. Cain, MD, *Washington University School of Medicine, St. Louis, MO*

Alan John Camm, MD, *St. George's Hospital Medical School, London, United Kingdom*

N. A. Mark Estes III, MD, *Tufts University School of Medicine, New England Medical Center, Boston, MA*

Artur Filipecki, MD, *Electrophysiology Research Foundation, Warren, NJ*

Paul Friedman, MD, *Mayo Clinic, Rochester, MN*

Ellen Hoffman, MD, *Klinikum Grosshadern Med. Klinik I, Munich, Germany*

Jose Jalife, MD, *Upstate Medical University, Syracuse, NY*

Werner Jung, MD, *Academic Hospital, Villingen, Germany*

Raj Kaushik, MD, FACC, *Atlantic Health System at Passaic, Passaic, NJ*

Karl H. Kuck, MD, *St. Georg Hospital, Hamburg, Germany*

C. P. Lau, MD, *University of Hong Kong, Hong Kong, People's Republic of China*

Samuel Levy, MD, *Hôpital Nord, Marseille, France*

Thorsten Lewalter, MD, *University of Bonn, Bonn, Germany*

Berndt Lüderitz, MD, *University of Bonn, Bonn, Germany*

Thomas Meinertz, MD, *Med. Klinik und Poliklinik, Univ.-Krankenhaus Eppendorf, Hamburg, Germany*

John M. Miller, MD, *Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, IN*

Robert J. Myerburg, MD, *University of Miami, Miami, FL*

Gerald V. Naccarelli, MD, *Milton S. Hershey Medical Center, Hershey, PA*

Ali Oto, MD, *Hacettepe University, Ankara, Turkey*

Atul Prakash, MD, *Atlantic Health System at Passaic, Passaic, NJ*

Silvia Priori, MD, *University of Pavia, Policlinico San Matteo IRCCS, Pavia, Italy*

Eric N. Prystowsky, MD, *Duke University School of Medicine, The Care Group, Indianapolis, IN*

Dan Roden, MD, *Vanderbilt University Medical Center, Nashville, TN*

Sanjeev Saksena, MD, *Atlantic Health System, Passaic, & RWJ Medical School, New Brunswick, NJ*

Massimo Santini, MD, *San Filippo Neri Hospital, Rome, Italy*

Mark H. Schoenfeld, MD, *Hospital of St. Raphael, New Haven, CT*

David Schwartzman, MD, *University of Pittsburgh School of Medicine, Pittsburgh, PA*

Allen Skanes, MD, *University of Western Ontario, London, Ontario, Canada*

Gerhard Steinbeck, MD, *Klinikum Grosshadern Med. Klinik I, Munich, Germany*

Richard Sutton, MD, *The Brompton Hospital, London, United Kingdom*

Panos M. Vardas, MD, *University Hospital, Heraklion, Crete, Greece*

D. George Wyse, MD, *University of Calgary, Calgary, Alberta, Canada*