

## Moderators:

Sanjeev Saksena, MD, FHRS  
Gerald Naccarelli, MD, FHRS

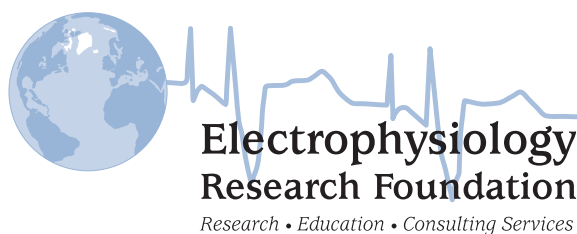
- 6:15 pm Registration and Cocktails
- 7:00 pm Introduction: Welcome and Symposium Objectives  
*Sanjeev Saksena*
- 7:05 pm Understanding ICE technology and its relation to transthoracic and transesophageal echo images  
*Mani Vannan, MD, FACC*
- 7:20 pm Intracardiac anatomy by ICE imaging  
*Jonathan Kalman, MD, MRCP*
- 7:35 pm Clinical applications in diagnostic and interventional electrophysiology  
*Luc Jordaens, MD, FESC*
- 7:50 pm Improving safety of EP procedures with ICE technology  
*Andrea Natale, MD, FHRS*
- 8:05 pm Pacing and ICE technology  
*John Hummel, MD*

## Panel discussion:

- 8:20–8:50 pm The future of ICE technology  
Moderator: *Gerald Naccarelli*  
*Mani Vannan, Jonathan Kalman, Luc Jordaens, Andrea Natale, John Hummel, Christopher Stellbrink, David Schwartzmann, Bradley Knight*



EP MedSystems specializes in design, development and distribution of electrophysiology systems and products. Our flagship product, the EP-WorkMate® Computerized Electrophysiology Workstation with an integrated Stimulator series, is found in over 1000 labs worldwide. We also offer a line of EP Diagnostic Catheters. EP MedSystems offers innovative new technologies like the ALERT® system for low energy internal cardioversion of AF, an integrated mapping and recording system utilizing RPM™ technology, and the ViewMate® intracardiac ultrasound system specifically designed for electrophysiologists.



The Electrophysiology Research Foundation is an international organization that promotes research and education in the field of cardiac arrhythmias and electrophysiology.

# Intracardiac Echocardiography for the Arrhythmia Specialist: Essentials and Advances



Sponsored by  
**EP MedSystems**  
West Berlin, New Jersey

A Continuing Medical  
Educational Program  
Organized by  
**The Electrophysiology  
Research Foundation**  
Warren, New Jersey

**Wednesday, May 19, 2004**  
**6:45 pm to 8:30 pm**  
**Verba Buena Salon Ballroom**  
**Marriott Hotel**  
**San Francisco, California**

## Objectives of the Symposium

Intracardiac echocardiography has recently become an important component of interventional procedures in the cardiac catheterization laboratory and adult or pediatric electrophysiologic laboratories and recently in cardiac pacing procedures. The development of catheter and echocardiographic technology for this application has now provided the clinical practitioner with new capabilities in the laboratory and during a wide array of procedures.

This symposium will highlight the major technologic developments, essentials of imaging using current technology, interpretation of these images and clinical applications in different disciplines. The program features international leaders in the fields of intracardiac echocardiography and interventional electrophysiology. Didactic lectures are supplemented by moderated panel discussions and question-and-answer periods.

Attendees of the program should obtain knowledge on the essential elements and advanced information on the application of intracardiac echocardiographic procedures. Attendees will be provided Certification of Attendance at the symposium by the Electrophysiology Research Foundation.

## Program Director

### Sanjeev Saksena, MD, FHRS, FACC

Clinical Professor of Medicine, Robert Wood Johnson Medical School, New Brunswick  
Director, Cardiovascular Institute, PBI Regional Medical Center, Passaic, NJ

## Faculty

### John Hummel, MD, FACC

Attending Electrophysiologist, Riverside Medical Center, OH

### Bradley Knight, MD, FACC

Assistant Professor of Medicine, University of Chicago, Chicago, IL

### Luc Jordaens, MD, FESC

Professor of Cardiology and Director, Division of Cardiology, Thoraxcenter, University of Rotterdam, Rotterdam, The Netherlands

### Jonathan Kalman, MD, MRCP

Assistant Professor of Medicine, Royal Melbourne Hospital, Melbourne, Australia

### Gerald Naccarelli, MD, FHRS, FACC

Professor of Medicine, Pennsylvania State University School of Medicine; Director, Division of Cardiology, Milton S. Hershey Medical Center, Hershey, PA

### Andrea Natale, MD, FACC

Professor of Medicine, Cleveland Clinic School of Medicine, Cleveland, OH

### David Schwartzmann, MD, FACC

Associate Professor of Medicine and Director, Atrial Arrhythmia Center, University of Pittsburgh School of Medicine, Pittsburgh, PA

### Christopher Stellbrink, MD

Assistant Professor, University of Aachen, Germany

### Mani Vannan, MD, FACC

Professor of Medicine and Co-Director Division of Cardiology, University of California Medical Center, Irvine, CA

## Registration Form

### Intracardiac Echocardiography for the Arrhythmia Specialist: Essentials and Advances

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### Registrant Information

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Contact phone \_\_\_\_\_

E-mail \_\_\_\_\_

Type of Practice/Work (Please check one):

- Physician  Nurse  Technician  Engineer  
 Marketing  Education  Other

I have a disability that will require accommodation.

*You may mail, fax, or e-mail your registration:*

Mail to: EP Research Foundation  
161 Washington Valley Road, Suite 201  
Warren, NJ 07059

Fax to: 732-302-9911

E-mail to: eprf@aol.com

*EPMedSystems appreciates your participation in the symposium.*