Update in Electrocardiography and Arrhythmias
October 29, 2005 • Crowne Plaza Hotel, San Francisco, California

This one-day symposium is designed to review and update concepts related to ECG and interpretation and arrhythmia management. This course will focus on advances relating to the ECG diagnosis of pericardial and ischemic heart disease and the role of drugs, devices, and catheter ablation for patients with cardiac arrhythmias.

In addition, the role of newer devices for management of patients with heart failure will be presented, focusing on arrhythmia mechanisms, newer drugs, and advances in device therapy for these patients. Designed to meet the individual needs of the participants, there will be small group workshops for those with basic knowledge, as well as for those with advanced knowledge in these areas.

Intended to meet the needs of practicing clinicians, this conference is targeted to internists, clinical cardiologists, nurses, and those working in intensive care units or electrophysiology laboratories.

This conference is presented by the Division of Cardiology, Department of Medicine, and is sponsored by the Office of Continuing Medical Education, University of California, San Francisco.

EDUCATIONAL OBJECTIVES
Upon completion of this conference, attendees should be able to describe:

- The newer ECG tools used to diagnose ischemic heart disease;
- The analyses of the atypical ECG, prolonged monitoring and exercise studies;
- Management of the patients with atrial fibrillation, and ventricular tachycardia;
- Device therapy for congestive heart failure.

ACCREDITATION
The University of California San Francisco, School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

UCSF designates this educational activity for a maximum of 7.0 category 1 credits toward the American Medical Association (AMA) Physicians Recognition Award. Each physician should claim only those hours that he/she actually spent in the activity.

Registered Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA-PRA category 1 credit issued by organizations accredited by the ACCME.

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CONFERENCE LOCATION
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AIR TRANSPORTATION
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RENTAL CAR
Hertz is offering special rates for participants of this conference; simply call 800/654-2240 and refer to identification number CV01000260 or call your travel agent. Advance reservations are recommended.

Electrocardiography and Arrhythmias Saturday, October 29, 2005
MOD 6 A11

Dr. Mark E. Josephson is a Professor of Medicine at Harvard Medical School and Director of the Harvard-Thorndike Electrophysiology Institute and Arrhythmia Service. The members of the Harvard-Thorndike Electrophysiology Institute and Arrhythmia Service have a national and international reputation as pioneers in the understanding of arrhythmia pathophysiology and new techniques of diagnosis and treatment.

Dr. Josephson is a world's expert on the pathophysiology of ventricular tachycardia and has authored the definitive text of cardiac electrophysiology (Clinical Cards. Electrophysiology, 3rd edition, W. Josephson, Lippincott 2002). Ongoing work includes studies towards further understanding of the pathophysiology and substrate for arrhythmias, defining and characterizing reentrant circuits with particular attention to evolving mechanisms of tachycardia termination, the mechanisms of anti-arrhythmic effects of pharmacologic agents and the development of new non-invasive (invasive) devices.

In 2001, Dr. Josephson was awarded the NASPE Pioneer Award and the NASPE Fellowship Training Award. Since 2001, Josephson has been the Herman Dana Professor of Medicine at Harvard Medical School in Boston, MA, as well as the Chief of the Cardiacelectric Division at Beth Israel Deaconess Medical Center in Boston, MA. Prior to Beth Israel Deaconess Medical Center, Dr. Josephson was the Chief of Cardiology at the University of Pennsylvania.

Dr. Josephson is a true pioneer in investigative cardiac electrophysiology and continues to do brilliant and much beloved teacher.

The majority of our attendees prefer the quickness and ease of online registration. The form above is FAST, EASY, EFFICIENT! Please include a look at the result of the mailing address on the form of this form.

Note: Please indicate any special needs.

Please charge my:
Visa or MasterCard for $______
Check enclosed payable to "UC Regents"

Credit Card No.
Exp Date

Whether the one-letter code located to the right of the mailing address on the form of this form is:

The conference fee: $300/physicians, $200/allied health professionals.

Residents and interns qualify for the reduced fee but must provide an accompanying letter of status verification with registration.

Registration fee includes a course syllabus, continental breakfast and luncheon. Additional meals and accommodations are not included.

Refund Policy: There will be a 50% service charge on all refunds requested up to one month prior to the course, a $100 service charge applies to refunds requested between one month and the first day of the course. No refunds will be issued after the conference begins. To request a refund, please return your registration receipt with a written request to Office of CME, UCSF PO Box 4558, San Francisco, CA 94140-0742. Fax number is: 415/502-1795.

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**Course Schedule**

**SA T U R D A Y, October 29, 2005**

8:00 am  ECG localization of myocardial infarction
Dr. Gabriel Gregoratos

8:30 am  ECG localization of atrial tachycardia
Dr. Nicholas Badhwar

9:00 am  ECG recognition of genetic causes of sudden death
Dr. Mehlan Scheinman

9:30 am  Exercise-induced arrhythmias
Dr. Nora Goldschlager

10:30 am  Purses, blocks and escapes
Dr. E. William Hancock

11:05 am  GROUP WORKSHOP – Basic ECGs
Prof. Barbara J. Drew

11:05 am  GROUP WORKSHOP – Advanced ECGs
Dr. Mark Josephson

**12:00 pm**  Lunch + Lifetime Achievement Award presentation to Dr. Josephson

1:00 pm  Arrhythmias, ischemia and QT monitoring in a hospital setting: best practices for 21st century
Prof. Barbara Drew

1:30 pm  Medical management of atrial fibrillation – newer drugs on the horizon
Dr. Zain Tseng

2:00 pm  Catheter ablation of atrial fibrillation
Dr. Jeffrey Olligh

2:30 pm  Management of patients with ventricular tachycardia
Dr. Mark Josephson

3:00 pm  Shaping the future – gene therapy for patients with arrhythmias or conduction disturbances
Dr. Randall Line

3:30 pm  Device therapy for patients with congestive heart failure
Dr. Byron K. Lee

4:05 pm  GROUP WORKSHOP – Basic
Prof. Barbara J. Drew

4:05 pm  GROUP WORKSHOP – Advanced
Dr. Nora Goldschlager and Dr. Mark Josephson

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**CONFERENCE LOCATION**

The Crowne Plaza is conveniently located near Union Square.

A block of guestrooms has been reserved at the Crowne Plaza with a group rate of $149 per night, single or double occupancy. Reservations must be received by October 11, 2005, to guarantee availability; after this date, rooms will be provided on a space-available basis only. Please call the hotel directly to arrange for your room. The reservations department may be reached at (415) 398-8900.

**AER TRANSPORTATION**

Special arrangements have been made with Montgomery Travel. Simply call 800/301-2287 or complete their UCSF web page at www.montgomerytravel.com. A travel specialist will assist you with air reservations and local area travel plans. In addition to offering lower fares than the published airfares, ticketed passengers may take advantage of the 24-hour emergency service. There is a $15 service fee.

**RENTAL CAR**

Hertz is offering special rates for participants of this conference: simply call 800/654-2240 or refer to identification number CVU000200; or call your travel agent. Advance reservations are recommended.

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**Course Location & Faculty**

**CONFERENCE CHAIRS**

Melvin B. Solomon, M.D., FAAC, Professor of Medicine, Cardiology, Division of Cardiovascular Medicine, University of Pennsylvania; Chief, Cardiac Electrophysiology, University of Pennsylvania Hospital

Barbara J. Drew, R.N., Ph.D., Professor of Nursing, Vice Chair of Academic Programs, Department of Physiological Nursing, University of Pennsylvania

**Course Faculty**

(University of California, San Francisco, School of Medicine unless otherwise noted)

Nora Goldschlager, M.D., FACC, FACP, FAHA
Professor of Clinical Medicine, Associate Chief, Division of Cardiology, Director, Coronary Care Unit, ECG Laboratory and Pacemaker Clinic, San Francisco General Hospital

Gabriel Gregoratos, M.D., FACP, FACC Clinical Professor of Medicine, Emeritus, Former Director, Cardiology Consultation Services, San Francisco General Hospital

E. William Hancock, M.D., M.D., Professor of Medicine, Emeritus, Dept. of Medicine, Stanford University, CA

Mark Josephson, M.D., Herman Dana Professor of Medicine, Harvard University; Beth Israel-Deaconess Medical Center, Boston, MA

Byron Lee, M.D., Assistant Professor of Medicine, UCSF Medical Center

Randall J. Lee, M.D., Ph.D., Associate Professor of Medicine, Department of Electrophysiology

Jeffrey Olligh, M.D., Associate Professor in Residence, Chief, Cardiac Electrophysiology, Mehlon M. Scheinman Chair in Electrophysiology

Zian Tseng, M.D., Clinical Instructor of Medicine, Division of Cardiology

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**Registration Information**

Registration Information: 415/476-5008
Conference Information: 415/476-4231

Date: Saturday, October 29, 2005
Time: 7:30 am
Place: Crowne Plaza Hotel 480 Sutter Street, San Francisco, CA 94108
(415) 398-8900 FAX (415) 889-8823

Register online at www.cme.ucsf.edu or by calling 415/476-5808.

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**Course Registration**

**Course Fees**

$500 physicians
$200 allied health professionals

Interns and residents qualify for the reduced fee but must provide an accompanying letter of status verification with registration.

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**Electrocardiography and Arrhythmias**

Saturday, October 29, 2005

**MDM 06 A11**

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Conference Information: 415/476-4231

**Date:**

Saturday, October 29, 2005

**Time:**

7:30 am

**Place:**

Crowne Plaza Hotel 480 Sutter Street, San Francisco, CA 94108
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**AIR TRANSPORTATION**

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**RENTAL CAR**

Hertz is offering special rates for participants of this conference; simply call 800/654-2240 and refer to identification number CV #030D0028, or call your travel agent. Reservation numbers are recommended.

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**CONFERENCE REGISTRATION**

Register online at:

cme.ucsf.edu

Register online at: cme.ucsf.edu or by calling (415) 476-5808.

**REGISTRATION INFORMATION**

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Conference Information: 415/476-4231

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480 Sutter Street
San Francisco, CA 94108

(415) 398-8900 FAX (415) 889-8823

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**CONFERENCE FEES**

Physicians: $300

Allied Health Professionals: $200

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Financial Aid: There will be $50 service charge on all refunds requested up to one month prior to the conference; a $100 service charge applies to refunds requested between one month and the first day of the course. No refunds will be issued after the conference begins. To receive a refund, please return your registration receipt with a written request to Office of CME, UCSF CPO 7149, San Francisco, CA 94143-0742. Fax number is 415/476-1795.

**SCHEDULE**

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In 2001, Dr. Josephson was awarded the NASP Pioneer Award and the NASP Fellowship Training Award. Since 2001, Dr. Josephson has been Herman Dana Professor of Medicine at Harvard Medical School in Boston, MA, as well as the Chief of the Cardiac Arrythmias Division at Beth Israel Deaconess Medical Center in Boston, MA. Prior to Beth Israel Deaconess Medical Center, Dr. Josephson was the Chief of Cardiology at the University of Pennsylvania.

Dr. Josephson is a true pioneer in investigating cardiac electrophysiology and continues to be a brilliant and seminal reseach. Mark is an outstanding physician; a true pioneer in investigative cardiology and continues to do brilliant and much-beloved teacher.

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**Course Objectives**

- Identify the ECG localization of atrial tachycardia
- Describe the pathophysiology and substrate for arrhythmias
- Define and characterize ventricular arrhythmia
- Predict sudden death

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**Rental Car**

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Physician Assistants: AAPA accepts category 1 credit from AOA/ACME. Prescribed credit from AAFP and AMA category 1 credits for the PA for organizations accredited by the ACCME.

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### Upcoming CME Courses

- **Inflammatory Bowel Disease**
  - November 5-6, 2005
  - Fairmont Hotel, San Francisco

- **Controversies in Women’s Health**
  - December 8-9, 2005
  - Hotel Nikko, San Francisco

- **Medical Management of AIDS**
  - December 8-10, 2005
  - Four Seasons, San Francisco

- **Advances in Heart Disease**
  - December 16-18, 2005
  - Palace Hotel, San Francisco

- **Infectious Diseases in Clinical Practice**
  - February, 2005
  - Hyatt Regency Kauai, Hawaii

- **9th Annual Management of the Hospitalized Patient**
  - September 29-October 1, 2005
  - Fairmont Hotel, San Francisco, California

- **Primary Care Practice: Principles & Practice**
  - October 19-21, 2005
  - Hotel Nikko, San Francisco, California

- **Topics in Emergency Medicine**
  - October 24-27, 2005
  - Hotel Nikko, San Francisco, California