



C O N T I N U I N G  
M E D I C A L  
E D U C A T I O N  
U N I V E R S I T Y O F  
W A S H I N G T O N

# *Prevention of Sudden Cardiac Death in Young Athletes*

*Friday  
January 18, 2008*

*Benaroya Hall  
200 University Street  
Seattle, WA*

*Sponsored by:*

- The University of Washington School of Medicine*
- Department of Family Medicine*
  - Office of Continuing Medical Education*

*In Collaboration with:*

- Parent Heart Watch*

**UW Medicine**  
SCHOOL OF MEDICINE



**Parent Heart Watch**

PROTECTING KIDS FROM SUDDEN CARDIAC ARREST

## *COURSE DESCRIPTION*

The Department of Family Medicine at the University of Washington School of Medicine and Parent Heart Watch are proud to offer this comprehensive program on preventing sudden cardiac death (SCD) in young athletes. The conference is intended to stimulate an open dialogue between primary care, sports medicine, and cardiology physicians and identify both needs and strategies to improve sudden death prevention for young athletes in the U.S through improved screening practices and emergency preparation at athletic events. Specific topics to be addressed include: SCD incidence and disease specific updates; the role and limitations of electrocardiogram (ECG) screening in athletes; age, gender, and race specific ECG changes in athletes (identifying normal from abnormal); echocardiography (identifying normal from abnormal); genetic testing and molecular diagnosis; CPR update and best practice resuscitation strategies for athletes with sudden cardiac arrest; and guidelines for emergency planning and distribution of automated external defibrillators (AEDs) in athletics.

## *COURSE OBJECTIVES*

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

- *Define the leading etiologies of sudden cardiac death in young athletes*
- *Describe the potential value and limitations of noninvasive cardiac screening in athletes*
- *Delineate specific electrocardiogram criteria for distinguishing normal from abnormal findings in a young athlete*
- *Discuss the role of emergency planning and automated external defibrillators in the secondary prevention of sudden cardiac death in athletics*

## *WHO SHOULD ATTEND*

Primary care providers - including family physicians, pediatricians, internists, nurse practitioners, and physician assistants - as well as sports medicine physicians, cardiologists and others who conduct preparticipation sports physicals or have an interest in cardiovascular disease in athletes and preventing sudden death.

## *ACCREDITATION*

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

The University of Washington School of Medicine designates this educational activity for a maximum of *8.0 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## *FEES AND REGISTRATION INFORMATION*

MD/DO/PhD	\$125.00
Allied Healthcare	\$ 75.00
Residents/Fellows	\$ 45.00
Dinner (Optional)	\$ 65.00 <i>per person</i>

The fee for this course includes catering, all instruction materials and transcript of category 1 credit. To ensure enrollment, please complete the enclosed registration form and forward it with the appropriate tuition. Allow up to fifteen working days to receive your written confirmation of enrollment. Driving and parking instructions will be included with your registration confirmations. If you have not received written confirmation prior to your departure for the course, please contact the Continuing Medical Education office at 206/543-9496. Continuing Medical Education will not be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course.

# CONFERENCE INFORMATION

## Parent Heart Watch Events

Parent Heart Watch invites all conference participants to join them at Benaroya Hall for a reception and dinner immediately following the conference. This is the opening event of the Parent Heart Watch annual meeting and an opportunity to network with parents and family members dedicated to raising awareness and preventing sudden cardiac death in the youth. Dinner will be held in the Grand Lobby of Benaroya Hall - a spectacular setting for this distinguished event - **at an additional cost of \$65 per person**. Please join us!

The Parent Heart Watch annual meeting will take place on Saturday & Sunday, January 19-20, 2008, at the Seattle Marriott Waterfront Hotel. For physicians or others interested in attending the Parent Heart Watch annual meeting, additional meeting and registration information can be found at: <http://www.parentheartwatch.org>

## *ACCOMMODATIONS*

The conference has contracted a special rate at the Seattle Marriott Waterfront Hotel. **You must mention The Parent Heart Watch Conference to receive this special rate within the room block.** The rate quoted below does not include appropriate taxes. Please make your reservation early. The University of Washington accepts no further responsibility for lodging.

Seattle Marriott Waterfront Hotel  
2100 Alaskan Way  
Seattle, WA  
Reservations  
1-800-455-8364

Special Rates  
Single/Double  
\$129

Shuttle Service will be provided to  
Benaroya Hall  
from the  
Seattle Marriott Waterfront Hotel

## *CANCELLATION POLICY*

The Office of Continuing Medical Education must receive written notification of your cancellation. A \$25.00 processing fee will be deducted from refund requests received before the day of the course. No refunds will be issued following the date of the course. 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 by telephone followed by written notification and a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties.

## *SPECIAL SERVICES*

Continuing Medical Education at the University of Washington is a totally self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. Fees for this course are estimated to cover the costs of conducting this course. These costs include salaries, registration and credit, syllabi, handouts, record keeping, faculty planning and evaluation and may include food, alcohol, taxes and gratuities to vendors. The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era 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.

206.543.6450 (Voice)

206.543.6452/TTY

206.685.7264 (FAX)

e-mail: [dso@u.washington.edu](mailto:dso@u.washington.edu)

# FACULTY

## *COURSE CHAIR*

**Jonathan Drezner, MD**  
Associate Professor  
Department of Family Medicine  
Associate Director  
Sports Medicine Fellowship  
University of Washington  
School of Medicine

## *KEYNOTE SPEAKER*

**Domenico Corrado, MD, PhD**  
Professor  
Cardiovascular Medicine  
Department of Cardiac,  
Thoracic and Vascular Sciences  
University of Padua Medical School  
Padova, Italy

## *SPECIAL GUEST*

**Rachel Moyer**  
President, Board of Directors  
Parent Heart Watch

## *GUEST FACULTY*

**Stuart Berger, MD**  
Associate Professor  
Department of Pediatrics  
Medical College of Wisconsin  
Director  
The Heart Center  
Children's Hospital of Wisconsin  
Milwaukee, WI

**Robert Campbell, MD**  
Professor & Division Director of  
Cardiology  
Department of Pediatrics  
Emory University School of Medicine  
Director  
Sibley Heart Center  
Children's Healthcare of Atlanta  
Atlanta, GA

**Mark Link, MD**  
Associate Professor  
Department of Medicine  
Tufts University School of Medicine  
Director  
Center for the Evaluation of Athletes  
Co-Director  
Cardiac Electrophysiology Laboratory  
Tufts-New England Medical Center  
Boston, MA

**Alan Maisel, MD**  
Professor  
Department of Medicine  
Director  
Coronary Care Unit  
University of California, San Diego  
School of Medicine  
San Diego, CA

## *GUEST FACULTY (CONTINUED)*

**Jeffrey Towbin, MD**  
Professor  
Departments of Pediatrics  
Cardiovascular Sciences, and  
Molecular and Human Genetics  
Baylor College of Medicine  
Chief  
Pediatric Cardiology  
Texas Children's Hospital  
Houston, TX

**Victoria Vetter, MD**  
Professor  
Department of Pediatrics  
University of Pennsylvania  
School of Medicine  
Chief  
Division of Cardiology  
Children's Hospital of Philadelphia  
Philadelphia, PA

## *UNIVERSITY OF WASHINGTON FACULTY*

**Kimberly Harmon, MD**  
Clinical Associate Professor  
Department of Family Medicine  
Director, Sports Medicine Fellowship

**Francis Kim, MD**  
Assistant Professor  
Department of Medicine  
Division of Cardiology

**Peter Kudenchuk, MD**  
Professor  
Department of Medicine  
Division of Cardiology

**Mark Lewin, MD**  
Associate Professor  
Department of Pediatrics  
Co-Director, Cardiac Ultrasound  
Children's Hospital & Regional  
Medical Center

**Richard Page, MD**  
Professor & Division Head  
Department of Medicine  
Division of Cardiology

**Jack Salerno, MD**  
Assistant Professor  
Department of Pediatrics  
Director, Electrophysiology  
Children's Hospital & Regional  
Medical Center

## *PLANNING COMMITTEE*

- Jonathan Drezner, MD
- Kimberly Harmon, MD
- Richard Page, MD
- Jack Salerno, MD
- Victoria Vetter, MD

# CONFERENCE SCHEDULE

Friday, January 18, 2008

6:45 **Continental Breakfast and Registration**

7:45 Welcome and Opening Remarks  
*Jonathan Drezner, MD & Rachel Moyer*

Update: SCD in Athletes

Moderator: Jack Salerno, MD

8:00 SCD Incidence & Overview  
*Jonathan Drezner, MD*

8:10 Hypertrophic Cardiomyopathy  
*Jeffrey Towbin, MD*

8:30 ARVC and Coronary Artery Anomalies  
*Domenico Corrado, MD, PhD*

8:50 Channelopathies  
*Robert Campbell, MD*

9:10 Commotio Cordis  
*Mark Link, MD*

9:30 QUESTIONS & PANEL DISCUSSION  
*Drs. Jonathan Drezner; Jeffrey Towbin; Domenico Corrado;  
Robert Campbell & Mark Link*

9:50 **Break**

Cardiovascular Screening in Athletes

Moderator: Jonathan Drezner, MD

10:10 **Keynote:** ECG Screening: The Italian Experience  
*Domenico Corrado, MD, PhD*

10:40 PPE History & Physical  
*Robert Campbell, MD*

11:00 ECG Screening in the US: Con  
*Richard Page, MD*

11:20 ECG Screening in the US: Pro  
*Victoria Vetter, MD*

11:40 Echocardiography  
*Mark Lewin, MD*

12:00 QUESTIONS & PANEL DISCUSSION  
*Drs. Domenico Corrado; Robert Campbell; Richard Page;  
Victoria Vetter & Mark Lewin*

12:20 **Lunch (provided)**

## CONFERENCE SCHEDULE

### Identifying Normal from Abnormal

Moderator: Jonathan Drezner, MD

- 1:30 Athletic Heart Syndrome  
*Jack Salerno, MD*
- 1:50 Genetic Testing: Is There a Role in Screening  
*Jeffrey Towbin, MD*
- 2:10 Natriuretic Peptides  
*Alan Maisel, MD*
- 2:30 Pediatric & Age Specific ECG Differences  
*Jack Salerno, MD*
- 2:50 Race & Gender Specific ECG Differences  
*Victoria Vetter, MD*
- 3:10 QUESTIONS & PANEL DISCUSSION  
*Drs. Jack Salerno; Jeffrey Towbin; Alan Maisel & Victoria Vetter*
- 3:30 **Break**

### Prevention of SCD

Moderator: Kimberly Harmon, MD

- 3:50 AEDs & Emergency Planning in Athletics  
*Jonathan Drezner, MD*
- 4:10 AED Programs & Policy Issues  
*Stuart Berger, MD*
- 4:30 Prevention of Commotio Cordis  
*Mark Link, MD*
- 4:50 CPR Update & Best Practice Resuscitation  
*Peter Kudenchuk, MD*
- 5:10 Rapid Cooling After SCA  
*Francis Kim, MD*
- 5:30 QUESTIONS & PANEL DISCUSSION  
*Drs. Jonathan Drezner; Stuart Berger, MD; Mark Link; Peter Kudenchuk & Francis Kim*
- 5:50 **Closing Remarks & Adjourn**  
*Jonathan Drezner, MD*

*Prevention of Sudden Cardiac Death in Young Athletes*

*JANUARY 18, 2008*

*BENAROYA HALL*

1808

Conference Fees:	
MD/DO/PhD	\$125.00
Allied Healthcare	\$ 75.00
Residents/Fellows	\$ 45.00
Parent Heart Watch Dinner	\$ 65.00 per person

Mailing address:  
Continuing Medical Education  
1325 4th Avenue, Suite 2000  
Seattle, WA 98101-2506

Credit card registrations may  
be faxed to: (206) 221-4525  
Questions? (206) 543-9496  
Register on-line at:  
[www.uwcmc.org](http://www.uwcmc.org)

First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_

Last Name \_\_\_\_\_

Title (circle one) MD DO PhD PA ARNP RN Other: \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_

Phone Number ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

Email \_\_\_\_\_

Check enclosed for : \$ \_\_\_\_\_ (US funds / Make checks payable to University of Washington)

Charge: VISA \_\_\_\_\_ Mastercard \_\_\_\_\_ for \$ \_\_\_\_\_ (Please fill in amount)

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Signature \_\_\_\_\_

UW Budget \_\_\_\_\_ - \_\_\_\_\_ Budget Name \_\_\_\_\_ Box Number \_\_\_\_\_ PROJ \_\_\_\_\_ OPT \_\_\_\_\_ TASK \_\_\_\_\_

Parent Heart Watch Dinner:  
\$65 pp x \_\_\_\_\_ (# of guests)