

AMERICAN  
COLLEGE of  
CARDIOLOGY



The 15th Annual  
International Symposium on  
Congenital Heart Disease  
in the Adult - TORONTO 2005

May 26–28, 2005  
Four Seasons Hotel  
Toronto, Ontario, Canada

In cooperation with the  
Heart & Stroke/Richard Lewar Center of Excellence

Program Co-Directors:

Peter P. Liu,  
MD, FRCP (C), FACC

David J. Sahn,  
MD, FACC

Gary D. Webb,  
MD, FRCP (C), FACC



## Program Overview

This is the 15th anniversary of the highly successful ACC program on Congenital Heart Disease in the Adult. We continue to feature the combined faculty teams from the Oregon Health Sciences University and the University of Toronto, to bring to you the latest in adult congenital heart disease. The course will profile high caliber international faculty to cover a range of highly relevant topics. The course alternates between east and west locations. This course is designed with the practicing adult/pediatric cardiologists, internists, and surgeons in mind. The goal is to familiarize the participants with the latest clinical information on the diagnosis and management of adult congenital heart diseases. The emphasis will be on practical approaches and latest concepts in the pathophysiology and management in these potentially complicated patients and their long-term post-operative results. There will be time for discussion and for presentation of illustrative cases by the faculty and by the registrants. In addition to the discussion of general topics in adult congenital heart disease, the 2005 session will emphasize the ultra long-term sequelae of operated patients and potential risk factors and substrates for complications. The course will have choices of sessions to be enjoyed by both the novice and the expert. Workshops will feature case discussions and clinico/pathological correlations. The registrant is encouraged to bring his or her own problem cases for discussion. For those more familiar with congenital heart disease, there will be a case management session concurrent with the primer session. This year, our program offers a unique opportunity to attend the first “Contemporary Questions In Congenital Heart Disease” immediately following our program, May 29th– June 1st. For details please go to: [www.sickkids.ca/cardiology/symposium](http://www.sickkids.ca/cardiology/symposium)

## Objectives

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

- acquire basic knowledge on the anatomy and physiology of common adult congenital heart conditions;
- understand the natural and post-interventional history of patients with a variety of common congenital heart disease lesions;
- recognize the diagnostic approach to the patient presenting with congenital heart disease in the adult;
- use evidence-based approach to institute knowledgeable treatment strategies, both medical and surgical;
- utilize up-to-date treatment strategies for the adult congenital patient with appropriate timing;
- develop an algorithm for the follow-up of common groups of adult patients with congenital heart disease;
- appreciate unique adult problems, such as arrhythmias and how these affect treatment; and
- participate in a network of centres with expertise in congenital heart disease so that there is continued support, education and research to advance the care of this special group of patients.

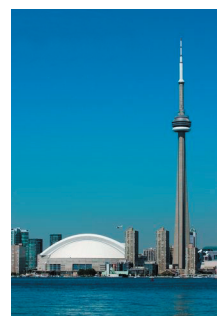
## Location

Toronto is a clean, safe, cosmopolitan city with a wonderful network of parks, and recreational and cultural facilities. Toronto is the home of four professional sports teams and the third largest English-speaking theatre district in the world, behind New York and London. As one of the world’s most diverse cultural mosaic cities, it is home to more than 80 ethnic communities from Africa, Asia, and Europe. Toronto is also the business centre of Canada.

There are many wonderful sightseeing opportunities within the beautiful city itself, such as the CN Tower, Royal Ontario Museum, Casa Loma, and the Hockey Hall of Fame. Toronto allows for easy access to tour the delightful surrounding regions including Niagara Falls, Niagara Wine Country, and the Shakespearean Festival in Stratford.

The Four Seasons is a renowned five-star hotel located in downtown Toronto, in the heart of the fashionable Yorkville district, blending classic elegance with modern conveniences and services. The Four Seasons was awarded Conde Nast Traveler ‘s 2003 Top 50 North American Hotels. Institutional Investor 2003: Top 75 World’s Best Hotels; #1 Hotel in Toronto. Meetings & Incentive Travel 2004: Reader’s Choice award for “Best Meeting Facility in Canada”

A special evening social program will be available for course attendees and their guests on Friday May 27th. Tickets will be available at the registration desk on a first-come, first-served basis and will include transportation, cocktails, and dinner. Complimentary tickets for course registrants, \$35 Canadian (cash or cheque) for guests of registrants. The location of the social event will be announced on site. Dress code: business casual.



# International Symposium on Congenital Heart Disease in the Adult—Toronto 2005

All sessions will be held at the Four Seasons.  
Meeting room locations will be provided on site.  
Meeting site telephone: 416-964-0411.  
Views expressed in this program are those of the  
individual speaker and do not necessarily reflect  
views of the ACCF.

## Schedule Thursday, May 26th

7:00 a.m.	Registration and Breakfast
7:50 a.m.	Opening Remarks Dr. Peter P. Liu and Dr. Gary D. Webb
	Genes and Cardiac Development Dr. Peter P. Liu, presiding
8:00 a.m.	Which Genes Control Normal Heart Development? Dr. Benoit G. Bruneau
8:30 a.m.	Genotype-Phenotype Correlations for the Congenital Abnormalities We See Dr. Bruce D. Gelb
9:00 a.m.	Discussion
9:15 a.m.	Break
	<b>Parallel I: Basic Anatomy and Physiology of Adult Congenital Heart Diseases</b> Dr. David J. Sahn, presiding
9:45 a.m.	Common Acyanotic Congenital Heart Defects Dr. Candice K. Silversides
10:10 a.m.	Left and Right Ventricular Outflow Tract Obstruction Dr. Michael S. Connelly
10:35 a.m.	Cyanotic CHD in Adults Dr. Lee N. Benson
11:00 a.m.	The Post-Op ACHD patient- An Echo Perspective Dr. Judith Therrien
11:25 a.m.	Arrhythmias in ACHD-An Overview Dr. Louise Harris
11:50 a.m.	ACHD Terminology- What the Cardiologist Needs to Know Dr. Erwin N. Oechslin

12:15 p.m.	Discussion
9:45 a.m.	<b>Parallel II: Challenging Case Management Discussions</b> Moderators: Drs. Gary D. Webb and Carole A. Warnes Panelists: Drs. Balaji, Perloff, Somerville, Spray, Triedman and Van Arsdell
12:30 p.m.	Lunch
1:30 p.m.	<b>Workshop I</b>
2:30 p.m.	<b>Workshop II</b> A. Pregnancy and Heart Disease Chair: Dr. Siu Panelists: Drs. Colman, Silversides, and Warnes,  B. The Chest Xray: What's That Line? Chair: Dr. Zelovitsky Panelists: Drs. Perloff and Somerville  C. Cath Lab Interventions- Case Studies Chair: Dr. Landzberg, Panelists: Drs. Benson, Burch, and McLaughlin  D. Nursing Issues in ACHD Chair: Ms. Allen Panelists: Ms. Lyon and Ms. Miner
3:30 p.m.	Break
	<b>Arrhythmias and Emergencies in ACHD</b> Dr. Louise Harris, presiding
4:00 p.m.	Emergencies in ACHD Dr. Harald Kaemmerer
4:20 p.m.	Therapeutic Strategies for Atrial Tachycardia in Adults with CHD Dr. John K. Triedman
4:40 p.m.	The Role of Resynchronization and Defibrillation Devices in ACHD Dr. Seshadri Balaji
5:00 p.m.	Mechanisms and Management of Ventricular Tachycardia in CHD Dr. John K. Triedman
5:20 p.m.	Discussion
5:30 p.m.	Adjournment

## Schedule Friday, May 27th

7:00 a.m.	Registration and Breakfast	2:30 p.m.	Workshop II
	<b>The Aortic Valve and Aorta</b> Dr. Gary D. Webb, presiding		A. Congenital Heart Surgery: Triumphs and Tragedies Chair: Dr. Spray Co-Chair: Dr. Williams
8:00 a.m.	Structural Abnormalities in the Great Arterial Walls in CHD Dr. Joseph K. Perloff		B. Echocardiography: What is That? Chair: Dr. Siu Panelists: Drs. Therrien and Warnes
8:25 a.m.	Aortopathy and Bicuspid Aortic Valves Dr. James Yip		C. Arrhythmia Management: State of the Art Chair: Dr. Triedman Panelists: Drs. Balaji and Harris
8:50 a.m.	The Challenges of Congenital Aortic Stenosis Dr. Jane Somerville		D. Nursing Issues in ACHD Chair: Ms. Allen Panelists: Ms. Lyon and Ms. Miner
9:15 a.m.	Should the Ross Operation be Performed in Adult Patients? Dr. Tom L. Spray	3:30 p.m.	Break
9:40 a.m.	Aortic Valve-sparing Aortic Root Replacement: Indications and Outcomes Dr. Tirone E. David		Novel Perspectives in ACHD Dr. Glen S. Van Arsdell, presiding
10:05 a.m.	Discussion	4:00 p.m.	Challenges for the Anaesthesiologist and Intensivist in ACHD Dr. Jane Heggie
10:15 a.m.	Break	4:20 p.m.	Determinants of Quality in Congenital Heart Surgery Dr. William G. Williams
10:45 a.m.	<b>Debate:</b> Adult Cardiologists Should Look After Adult Patients with Congenital Heart Defects  Pro—Dr. John E. Deanfield Con—Dr. Andrew N. Redington	4:40 p.m.	Cardiac Cachexia and ACHD Dr. Isabel F. VonderMuhll
11:25 a.m.	<b>Debate:</b> Exercise-Induced Hypertension after Coarctation Repair Should be Treated  Pro—Dr. Barbara J.M. Mulder Con—Dr. Gary D Webb	5:00 p.m.	ACHD on the Internet Dr. Michael S. Connelly
12:05 p.m.	Is Stenting of Coarctation in Adults Worthwhile? Dr. John E. Deanfield	5:20 p.m.	Discussion
12:30 p.m.	Lunch	5:30 p.m.	Adjournment, Depart for Social Event
1:30 p.m.	Workshop I		



## Schedule Saturday, May 28th

7:30 a.m.	Registration and Breakfast
	<b>Interventional Strategies in ACHD</b> Dr. Erwin N. Oechslin, presiding
8:30 a.m.	Established Techniques- Where We Stand Dr. Peter R. McLaughlin
8:55 a.m.	Devices- the Agony and the Ecstasy Dr. Eric Horlick
9:20 a.m.	Interventional Case Studies Drs. Burch and McLaughlin
9:45 a.m.	Interventional Cardiology Support of the Perioperative Patient with CHD Dr. Michael J. Landzberg
10:10 a.m.	Percutaneous Pulmonary Valve Insertion- Clinical Feasibility and Hemodynamic Consequences Dr. John E. Deanfield
10:35 a.m.	Discussion
10:45 a.m.	Break
	<b>Pulmonary Hypertension in ACHD</b> Dr. Andrew N. Redington, presiding
11:15 a.m.	Pulmonary Hypertension in Europe- The Euro Heart Study Dr. Barbara J.M. Mulder
11:40 a.m.	Deaths and Disasters in Eisenmenger Patients Dr. Jane Somerville
12:05 a.m.	The Clinical Problem Dr. Erwin N. Oechslin
12:30 p.m.	New Therapeutic Options Dr. Michael J. Landzberg
12:55 p.m.	Lung or Heart –Lung Transplant for ACHD Dr. Shaf Keshavjee
1:20 p.m.	<b>Clinical Cases: Saving the Best for Last</b> Drs. Mulder and Warnes
1:45 p.m.	Closing Remarks Drs: Liu, Sahn and Webb
2:00 p.m.	Adjournment, Program Evaluation, and CME Credits

## Faculty

### Program Co-directors

**Peter P. Liu,**  
**MD, FRCP(C), FACC**  
Heart and Stroke/Polo Chair Professor of Medicine,  
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**David J. Sahn,**  
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### Guest Faculty

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## Registration

### The 15th International Symposium on Congenital Heart Disease in the Adult—Toronto 2005

Membership Number (if applicable): \_\_\_\_\_

Last Name (please print clearly): \_\_\_\_\_

MD DO PhD RN

Other (please specify) \_\_\_\_\_

First Name \_\_\_\_\_

Middle Initial \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Office Telephone \_\_\_\_\_

Office Fax \_\_\_\_\_

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

What is your primary medical specialty? (Check ONE)

Adult Cardiology

Pediatric Cardiology

CV Surgery

Internal Medicine

Pharmacology

Radiology

Family/General

Other (please specify) \_\_\_\_\_

Please check your tuition category.

#### Payment Received:

ACC Member

Nonmember

Reduced Fees\*

Fellow in Training

Physician Assistant

#### Tuition received on or before May 22

\$570

\$645

\$415

Resident

Technologist

#### On-site tuition received after May 22

\$670

\$745

\$515

Nurse

Emeritus ACC Member

Payment must accompany application.

Check payable to American College of Cardiology Foundation in U.S. dollars drawn on a U.S. bank.

MasterCard

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Discover

Cardholder's Name \_\_\_\_\_

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

If you need disability accommodations, please check here and advise us of your needs at least two weeks before the program.

Please use ONE of these methods to register:

**(Do Not Mail if Previously Faxed or Telephoned)**

Mail application and payment to American College of Cardiology Foundation, Attn: Resource Center, P.O. Box 79231, Baltimore, MD 21279-0231

Telephone: 800-253-4636, ext. 694

(Outside United States and Canada: 301-897-2694)

FAX application: 301-897-2623

Attn: Resource Center

2005-1628B

\* Registrants in the reduced fees category are required to submit with the registration form proof of licensure, a business card, or a letter written on official letterhead and signed by a department supervisor verifying status.

## Information

### Fee

Early registration saves \$100 in each member category. See the application for details. Your registration fee will be confirmed by mail. The registration fee includes the continental breakfast, refreshment breaks, lunches, and the syllabus. The deadline to register in advance is April 22, 2005. After this date, you must register on site, and a \$100 processing fee will apply. Please be aware that date of postmark does not indicate date of receipt.

### Cancellations

Cancellation, substitution, or transfer to another course is allowed if written cancellation is received four weeks before a scheduled course. A full refund minus a \$100 processing fee will be given for written cancellations received fewer than four weeks before the first day of the program. No refund will be given for no-shows.

In the unlikely event that the program is cancelled, the College will refund the registration fee in full, but is not responsible for any travel or hotel costs you may incur.

### Credit

The American College of Cardiology Foundation (ACCF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The ACCF takes responsibility for the content, quality, and scientific integrity of this CME activity.

The ACCF designates this activity for a maximum of 20.5 hours in Category 1 credit toward the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he or she actually spent in the educational activity.

While offering CME credit hours noted above, the program is not intended to provide extensive training or certification in the field.

### Lodging

To secure your room at the Four Seasons Hotel, please call 416-964-0411 and state that you will be attending the American College of Cardiology Foundation program. The room rate is \$275 Canadian dollars single/double per night. The hotel room block is scheduled to be held until April 25, 2005, but may be sold out before this date. Therefore, we advise you to register for the program and reserve your lodging as soon as possible. When you make your reservations, please be sure to ask about any early departure fees or cancellation penalties. We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

### Special Air Fares

Information regarding special airfares will be sent to all registrants with the acknowledgment of enrollment. Discounted travel arrangements may be made also with New Wave Travel. In North America, please e-mail [jhing@newwavetravel.net](mailto:jhing@newwavetravel.net) and give this code CV 053564. Smoking is prohibited in all ACC meeting rooms.

### Acknowledgment

At the time of this printing, a complete list of industry sponsors was not available. Appropriate acknowledgment will be given to all sponsors at the time of the conference.