

THE 3RD ANNUAL TORONTO SYMPOSIUM

CONTEMPORARY QUESTIONS
IN CONGENITAL HEART DISEASE
THE LEFT HEART



2007
JUNE 10 - 12 • FOUR SEASONS HOTEL

SickKids
www.sickkids.ca/cardiacsymposium

CONTEMPORARY QUESTIONS IN CONGENITAL HEART DISEASE: THE LEFT HEART

DEAR PARTICIPANT

We are delighted to welcome you to the 3rd Annual Toronto Symposium, *Contemporary Questions in Congenital Heart Disease*. After two extraordinarily successful meetings in 2005 and 2006, the topic of our 2007 meeting will be *The Left Heart*.

Once again, we have invited a world-class faculty of scientists, physicians, surgeons, and allied professionals to participate with the Toronto team in a “state of the art” conference.

The Toronto Symposium aims to be a little different from the usual medical meeting. The title of each lecture, no matter whether addressing issues of basic science or clinical management, is framed as a topical question. Consequently we expect that the answers will be of direct relevance to your practice. This meeting will be suitable for anyone working in the field of congenital heart disease, but please note that we are limited to just 250 places, and have been sold-out prior to both previous meetings. So register early to avoid disappointment!

While there are some concurrent sessions, be assured there is no need for you to miss anything. Each of the lectures will be recorded, and each participant will receive a DVD shortly after the meeting. Again, this is a little out of the ordinary, showing both a video of the lecturer in real time, and the simultaneous Power-Point presentation. An example of the format can be seen on our symposium website at www.sickkids.ca/cardiacsymposium. Copies of the DVD's from previous symposia can be purchased by e-mailing the Symposium organizer at cardiac.symposium@sickkids.ca.

We are looking forward to a focused, detailed, and rewarding meeting. Toronto's weather is glorious in early June, and the downtown location of our venue could not be better. We do hope you will be able to join us.

Sincerely,
The Toronto Team

COURSE OBJECTIVES

To bring together experts in the field of left heart diseases in children and adults.

To explore the contemporary understanding of left heart development, physiology and pathophysiology in congenital and acquired heart disease.

To encourage a multidisciplinary approach to the fetal, preoperative, perioperative and late postoperative management left heart problems.

INVITED FACULTY

Dr. Jose Castillo (Las Cruces, NM)

Dr. Yiu-Fai Cheung (Aberdeen, Hong Kong)

Dr. Brian Duncan (Cleveland, OH)

Dr. Camille Hancock-Friesen (Halifax, NS)

Dr. Audrey Marshall (Boston, MA)

Dr. Andrew Powell (Boston, MA)

Dr. George Sandor (Vancouver, BC)

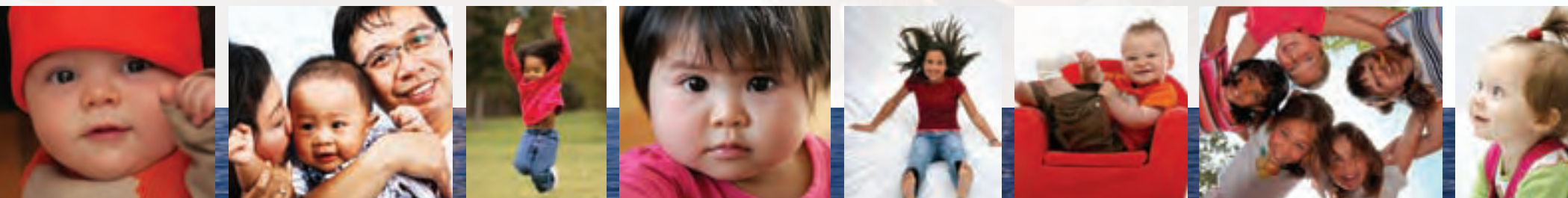
Dr. Robert Shaddy (Salt Lake City, UT)

Dr. Jeffrey Smallhorn (Edmonton, AB)

Dr. Thomas Spray (Philadelphia, PA)

Dr. Jeffrey Towbin (Houston, TX)

Dr. Katherine Yutzey (Cincinnati, OH)



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REGISTRATION FORM

SUNDAY, JUNE 10, 2007

- 7:00 BREAKFAST AND REGISTRATION
8:00 **WELCOME**
8:05 State of the Art Medical Lecture: How does the LV contract?
Dr. Jeffrey Towbin
- BASICS**
9:00 How does the left heart develop? *Dr. Katherine Yutzey*
9:30 How is LV contraction regulated? *Dr. Peter Backx*
10:00 When will we be able to build a heart by tissue engineering?
Dr. Richard Weisel
- 10:30 BREAK
- PHYSIOLOGY**
11:00 LV performance: Is there a role for invasive assessment?
Dr. Andrew Redington
11:30 Functional imaging: What lessons have we learned from Echo?
Dr. Mark Friedberg
12:00 Functional imaging: What lessons have we learned from MRI?
Dr. Andrew Powell
12:30 How does the LV react to changes in the arteries and vice versa?
Dr. Yiu-Fai Cheung
- 1:00 LUNCH
- FETAL ISSUES AND THE LEFT HEART**
2:00 Fetal heart growth and development: What goes wrong?
Dr. Edgar Jaeggi
2:30 Fetal interventions: Do they really help? *Dr. Audrey Marshall*
3:00 Fetal listing for transplant: Who and when? *Dr. Anne Dipchand*
- BREAKOUT: KAWASAKI DISEASE**
2:00 What happens to the patients acutely? *Dr. Rae Yeung*
2:25 What happens to the blood vessels? *Dr. Yiu-Fai Cheung*
2:50 What happens to the patients long-term? *Dr. Brian McCrindle*
3:15 Questions & Answers *Panel*
- 3:30 BREAK
- THE SMALL LEFT HEART IN THE BIVENTRICULAR CIRCULATION**
4:00 Borderline LV size: How small is too small? *Dr. Shi-Joon Yoo*
4:30 What surgical strategies optimize outcomes for patients with small LVs?
Dr. Chris Caldarone
5:00 **THE BILL MUSTARD LECTURE**
Dr. Thomas Spray
6:30 BUFFET RECEPTION

MONDAY, JUNE 11, 2007

- 7:15 BREAKFAST
8:00 **THE BOB FREEDOM LECTURE** *Dr. Jeffrey Towbin*
- THE INFECTED HEART**
9:00 Who needs surgery for endocarditis? *Dr. Glen Van Arsdell*
9:30 What causes myocarditis? *Dr. Ann Opavsky*
10:00 How does the heart respond to systemic sepsis? *Dr. Jose Castillo*
- BREAKOUT: THE MITRAL VALVE**
9:00 4 D analysis of MV motion: How does it help? *Dr. Jeffrey Smallhorn*
9:30 When to repair the mitral valve, when to replace it? *Dr. Thomas Spray*
10:00 MV cath interventions: Which of the 40 new ideas might work?
Dr. Eric Horlick
- 10:30 BREAK
- CARDIOMYOPATHIES/HEART FAILURE**
11:00 LV noncompaction: Spectrum or disease? *Dr. Erwin Oechslin*
11:30 Can genetic polymorphisms assist in risk stratification of cardiomyopathies? *Dr. Seema Mital*
12:00 How does chronically abnormal heart rate affect left ventricular function? *Dr. Gil Gross*
12:30 Heart failure in ACHD: Is it different from heart failure in adults with acquired disease? *Dr. Eduardo Azevedo*
- BREAKOUT: MARFAN AND OTHER AORTOPATHIES**
11:00 Which drug should I take, Doctor? *Dr. Tim Bradley*
11:25 What tests should I have, Doctor? *Dr. George Sandor*
11:50 Is it safe to get pregnant, Doctor? *Dr. Jack Colman*
12:15 When should I have surgery, Doctor? *Dr. Tirone David*
12:40 Questions and Answers *Panel*
- 1:00 LUNCH
- DEBATE: GIVEN THE RESULTS OF THE CARVEDILOL TRIAL, WE SHOULD STOP USING IT**
2:00 *Pro: Dr. Paul Kantor*
2:10 *Con: Dr. Robert Shaddy*
2:20 Rebuttal & Vote
- DEBATE: STEROIDS ARE EFFECTIVE IN BIOPSY-PROVEN MYOCARDITIS**
2:40 *Pro: Dr. Lee Benson*
2:50 *Con: Dr. Jeffrey Towbin*
3:00 Rebuttal & Vote
- 3:30 BREAK
- MECHANICAL SUPPORT**
4:00 Is mechanical support preferential to high dose inotropic support?
Dr. Tilman Humpl
4:30 How should we use mechanical support for single ventricle patients?
Dr. Desmond Bohn
5:00 State of the Art Surgical Lecture: Paediatric mechanical support to replace transplantation: How close are we?
Dr. Brian Duncan

TUESDAY, JUNE 12, 2007

- 7:15 BREAKFAST
8:00 **THE DISENHOUSE LECTURE**
Dr. Robert Shaddy
- LEFT VENTRICULAR FUNCTION AND SUPPORT IN THE ICU**
9:00 What are the mechanisms of LV dysfunction after congenital heart surgery? *Dr. Chris Caldarone*
9:30 Are steroids effective for prevention or treatment of LCOS?
Dr. Steven Schwartz
10:00 What novel inotropic agents should we be considering?
Dr. Ben Sivarajan
10:30 BREAK
- ARE THERE IMPORTANT V-V INTERACTIONS..."**
11:00 ...in CCTGA? *Dr. Andrew Redington*
11:30 ...in ToF? *Dr. Candice Silversides*
12:00 ...on ICU? *Dr. Steven Schwartz*
12:30 ...in Pulmonary Hypertension? *Dr. John Granton*
- BREAKOUT: THE LEFT ATRIUM**
11:00 Repair: Is the Coles operation the answer? *Dr. John Coles*
11:30 How many anomalous veins are too many? *Dr. Osman Al-Radi*
12:00 Left Atrial Isomerism: Does fetal diagnosis make a difference?
Dr. Mark Friedberg
12:30 Which arrhythmias come from the left atrium? *Dr. Joel Kirsh*
- 1:00 LUNCH
- COARCTATION OF THE AORTA**
2:00 Coarctation: Can we diagnosis it in fetal life?
Dr. Fraser Golding
Point/Counterpoint: How should we manage coarctation in a 3 month old?
Point: Dr. Kyong-Jin Lee
Counterpoint: Dr. Camille Hancock-Friesen
3:00 Coarctation: What are the late vascular implications?
Dr. Yiu-Fai Cheung
3:20 Questions and Answers *Panel*
3:30 BREAK
- YOU ASK THE QUESTIONS**
4:00 Challenge the panel with your toughest questions and cases on left heart disease.
[\$100 registration discount for those bringing selected cases! Please contact Dr. Redington before the meeting.]
- 5:00 **WRAP UP**

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PLEASE COMPLETE IN FULL & PRINT CLEARLY DR MR MS

LAST NAME FIRST NAME

TITLE

HOSPITAL OR INSTITUTION DEPARTMENT

ADDRESS

PROVINCE/STATE COUNTRY POSTAL/ZIP CODE

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TELEPHONE E-MAIL

SPECIAL DIETARY REQUIREMENTS

Registration includes all conference materials, refreshments and meals as indicated.

PAYMENT (Canadian funds) *For an immediate response, we encourage you to register on-line at www.sickkids.ca/cardiacsymposium*

Cheque enclosed. Mail to: Attention: P. Capela, Toronto Symposium, SickKids, 555 University Avenue, Toronto, ON Canada M5G 1X8

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REGISTRATION FEES (All in Canadian Dollars)

	Before April 14	After April 14
MD	\$575	\$675
Trainee/Nurse/Allied Health	\$425	\$525

Please note: Attendees of the Left Heart Symposium will receive preferential rates for attendance to the pre-symposium Fetal Study Day – go to www.sickkids.ca/fetalcardiacprogram.

ACCOMMODATIONS

Participants are responsible for making their own reservations. Special rates are available for participants of this event before April 30, 2007, Four Seasons Hotel, 21 Avenue Road, Toronto, phone 416-964-0411.

CME CREDITS

Application in process for 23 credits.

Please email all questions to: cardiac.symposium@sickkids.ca. You will receive a response within 48 hours.