

Presented by the Department of Anesthesiology and  
Division of Cardiac Surgery  
Peter Munk Cardiac Centre  
Toronto General Hospital  
University Health Network

**Li Ka Shing Conference Centre**  
209 Victoria Street  
Toronto, Ontario, M5B 1W8

Sponsored by:  
University of Toronto office for Continuing Medical Education



# Twelfth Annual Toronto Perioperative TEE Symposium

**Saturday, November 1, 2014**  
**Sunday, November 2, 2014**



**New this year:**  
Multivendor 3D Workshops  
Basic TEE Workshops  
Interactive Case Discussions  
Pre-Conference Fellows' TEE Board Review Day

## Guest Faculty

**Dr. Ramiro Arellano**  
Associate Professor of Anesthesiology  
London Health Sciences Center  
University of Western Ontario

**Dr. Andre Denault**  
Professor of Anesthesiology  
Montreal Heart Institute  
Universite de Montréal

**Dr. Han Kim**  
Assistant Professor of Anesthesiology  
St Michael's Hospital  
University of Toronto

**Dr. Stephane Lambert**  
Associate Professor of Anesthesiology  
Ottawa Heart Institute  
University of Ottawa

**Dr. Feroze Mahmood**  
Associate Professor of Anesthesiology  
Beth Israel Deaconess Medical Center  
Harvard Medical School  
Boston, MA, USA

**Dr. Dominic Parry**  
Assistant Professor of Surgery  
Mc Master University

**Dr. Nikolaos Skubas**  
Professor of Anesthesiology  
Cornell University  
New York, NY, USA

**Dr. Vivek Sharma**  
Consultant Cardiac Anesthetist  
St George's Hospital  
London, UK

**Dr. Summer Syed**  
Assistant Professor of Anesthesiology  
Mc Master University

**Dr. Bill Wong**  
Staff Anesthesiologist  
Trillium Health Center  
Mississauga, Ontario

## Objectives

This 2-day symposium is designed to benefit practicing anesthesiologists, intensivists, cardiac surgeons and cardiologists involved in the perioperative management of surgical patients. The program this year will focus on the use of 2D and 3D TEE in the assessment and management of patients presenting for cardiac surgery.

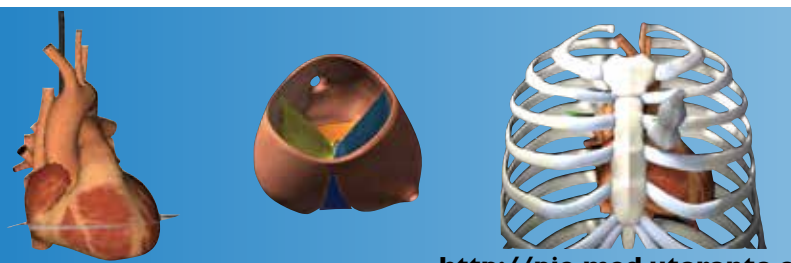
Participation in the program will enable the attendee to:

1. Describe the role of TEE during the intraoperative assessment of valvular heart disease.
2. Acquire knowledge about 3D TEE valve models and LV assessment
3. Understand the role of simulation in TEE education.
4. Identify the role of TEE in examining non-cardiac structures
5. Demonstrate practical experience in 2D transthoracic ultrasound techniques or 3D echocardiography acquisition and manipulation of datasets.

The participants will have the opportunity to learn through lectures, discussion panels, and workshops.

## CME Planning Committee

Dr. Massimiliano Meineri (Course Director)  
Drs. Vivek Rao, Adriaan Van Rensburg, Annette Vegas, Bill Wong  
Jo Carroll (Conference Coordinator)



<http://pie.med.utoronto.ca>



## Toronto General Hospital Faculty

**Dr. Christopher Feindel**  
Professor of Surgery

**Dr. Massimiliano Meineri**  
Associate Professor of Anesthesiology

**Dr. Vivek Rao**  
Professor of Surgery

**Dr. Peter Slinger**  
Professor of Anesthesiology

**Dr. Adam Snyman**  
Assistant Professor of Anesthesiology

**Dr. Wendy Tsang**  
Associate Professor of Medicine

**Dr. Adriaan Van Rensburg**  
Assistant Professor of Anesthesiology

**Dr. Annette Vegas**  
Associate Professor of Anesthesiology

## Declaration of Potential Conflict of Interest

Speakers will disclose to the audience, any real or apparent conflict(s) of interest that may have a direct bearing on the subject matter of this program.

## Accreditation

## First Annual Canadian Fellow's TEE Board Review

This year's Symposium will be preceded by a one day TEE Board review including interactive mock exam and wetlab.

For more information and registration:

<http://pie.med.utoronto.ca/TEE>

## Saturday, November 1, 2014

### 7.00 Breakfast

7.45 Welcome Address: *Dr. M Meineri*

Moderator: *Dr. A Van Rensburg*

### 8.00 Low Gradient Aortic Stenosis

*Dr. R Arellano*

8.30 Q&A

### 8.45 Valvular Assessment for VADS

*Drs. A Snyman, V Rao*

9.30 Q&A

### 9.45 Coffee Break

### 10.00 Assessment of Aortic Valve Prosthesis

*Dr. S Lambert*

10.45 Q&A

### 11.00 Aortic Valve Repair

*Drs. A Vegas, C Feindel*

11.45 Q&A

### 12.00 Lunch

Moderator: *Dr Bill Wong*

### 13.00 Ischemic MR: repair, replace or leave alone?

*Drs. S Syed, D Parry*

13.30 Q&A

### 13.45 3D MV Models: are they useful?

*Dr. H Kim*

14.15 Q&A

### 14.30 Anatomical Intelligence

*Dr. W Tsang*

15.00 Q&A

### 15.15 Coffee Break

### 15.30 Intraoperative Assessment of LV Function 2D vs. 3D vs. Strain

*Dr. N Skubas*

16.15 Q&A

### 16.30 Keynote Lecture: Impact of Ultrasound on world and my personal history

*Dr. A Denault*

### 17.00 Wine and Cheese

## Sunday November 2, 2014

### 7.00 Breakfast

7.45 Welcome Address: *Dr. M Meineri*

Moderator *Dr. P Slinger*

### 8.00 High fidelity Echo Simulation: Is it worth the investment?

*Dr. F Mahmood*

8.45 Q&A

### 9.00 TEE: not just the heart

*Dr. A Denault*

9.30 Q&A

### 9.45 Coffee Break

### 10.00-12.00 Interactive Case Discussions

(Attendees will rotate though all case discussions)

#### Case A

*Dr. N Skubas (TR in MR)*

#### Case B

*Dr. F Mahmood (Hemodynamics)*

#### Case C

*Dr. V Sharma (Clinical Dilemmas)*

#### Case D

*Dr. A Vegas (Aortic Root Pathology)*

### 12.00 Lunch

### 13.00-16.00 Workshops (Choose 2)

13.00-14.30 Round 1

14.30-16.00 Round 2

#### Workshop A: 3D Philips (Sect. 1 Credits)

#### Workshop B: 3D GE (Sect. 1 Credits)

#### Workshop C: Focused Cardiac US in Code Blue (Sect. 3 Credits)

*Drs. M Meineri, H Kim, A Snyman, P Slinger*

#### Workshop D: Focused TEE Simulators (Sect. 3 Credits)

*Drs. A Denault, A Vegas, A Van*

*This year's program will allow participation in two workshops for all registrants.*

*Select when submitting registration rank preference*

## The City

Toronto is a cosmopolitan city of 3 million people located on the shores of Lake Ontario. It is clean, safe, and friendly, with exciting evening entertainment ranging from live theatre to professional sports. Places of interest include the CN Tower, Ontario Science Centre, Casa Loma, Royal Ontario Museum, Metro Toronto Zoo, Art Gallery and Roger's Center. There is great shopping at the Eaton Centre and the Queen Street corridor.

Website: [www.seetorontonow.com](http://www.seetorontonow.com)

Tourism Information: 1-416-203-2600

Ticketmaster Phone number: 1-416-870-8000

## The Weather

November weather in Toronto:

High: 10 C/ 50 F

Low: 3 C/ 37.4 F

Source: [www.theweathernetwork.com](http://www.theweathernetwork.com)

## Local Hotels within 1 Km from the Li Ka Shing Centre

### Pantages Hotel in Toronto

200 Victoria St, Toronto, ON M5B 1T8

Canada, +1416 362-1777

### Toronto Marriott Downtown Eaton Centre Hotel

525 Bay St, Toronto, ON M5G 2L2

Canada, +1 416

### Bond Place Hotel

65 Dundas St E. Toronto, ON M5B 2G8

Canada +1 416 362-6061

## Amenities in the area

#### Massey Hall

<http://www.masseyhall.com>

#### Eaton Centre

<http://www.torontoeatoncentre.com>

#### Hockey Hall of Fame

<http://www.hhof.com>

#### Sony Centre

<http://www.sonycentre.ca/>

#### Distillery District

<http://www.thedistillerydistrict.com/>

This program is sponsored by unrestricted educational grants from:



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## 2014 Registration Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

Hospital Affiliation: \_\_\_\_\_

Type of Practice:

- Surgeon  Anesthesiologist  
 Cardiologist  Resident/Fellow  
 Other (Paramedical, RRT, RN, Students)

2 Day Symposium

Registration Fees (CAN/US \$)

Pre registration \$450

On site registration \$500

Residents \*, Fellows \*, Other \$250

Total enclosed \$ \_\_\_\_\_

Letter of verification from Dept. Chief must accompany applications for a reduced fee.

Workshops (Limited to 30 per session)

Choose two and rank choices (1-4)

Rank choices assigned based on registration date

\_\_\_\_  A \_\_\_\_  B \_\_\_\_  C \_\_\_\_  D

I authorize University Health Network to charge my

Visa  MasterCard  Amex

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

Expiry Date: Month: \_\_\_\_\_ Year: \_\_\_\_\_

Signature: \_\_\_\_\_

If preferred a Money Order or Cheque made payable to:

**Cardiac Anesthesia Educational Fund**

A handling fee of \$50 is deducted for cancellations. Refunds requests must be received by mail on or before October 23, 2014. No refunds will be made thereafter.

**Mail to: Jo Carroll,**

**Department of Anesthesiology**

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