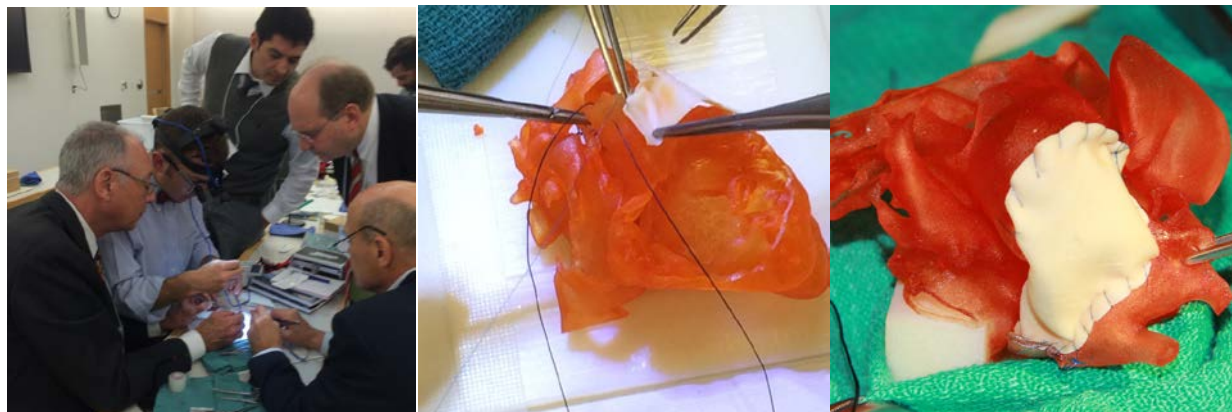


# THE 2<sup>ND</sup> HANDS-ON SURGICAL TRAINING (HOST) CONGENITAL HEART DISEASE SURGERY WITH 3D PRINT MODELS

September 15-17, 2016

Hospital for Sick Children, Toronto, Canada



## Course format:

Twelve attendees are divided into groups of two to perform the procedures as primary operator and assistant with supervision from the proctors throughout the course.

## Cases for Hands-on Surgical Training (HOST):

- Case 1. Transposition with usual coronary arteries (1LCx2R) for arterial switch operation
- Case 2. Transposition with unusual coronary arteries (1L2RCx) for arterial switch operation
- Case 3. Simple coarctation of the aorta for aortic arch repair
- Case 4. Hypoplastic left heart syndrome for Norwood operation
- Case 5. Double outlet right ventricle with a subaortic VSD for intraventricular baffling
- Case 6. Interrupted aortic arch with malalignment VSD for arch reconstruction and VSD closure

## Contemporary Surgical Morphology Sessions with 3D Print Models:

- Double outlet right ventricle in your hands
- Twisted or criss-cross hearts and related conditions in your hands

## Proctors:

- Erle H. Austin, Cardiovascular Surgeon, Kosair Children's Hospital, Louisville
- Thomas L. Spray, Chief of Cardiovascular Surgery, Children's Hospital of Philadelphia
- Glen S. van Arsdell, Head of Cardiovascular Surgery, Hospital for Sick Children, Toronto
- Andreea Dragulescu, Cardiologist, Hospital for Sick Children, Toronto
- Shi-Joon Yoo, Cardiac Radiologist, Hospital for Sick Children, Toronto

**Eligible applicants for full hands-on course: Cardiovascular surgeons on staff position or in training**

**Eligible applicants for attending lectures and observation: Surgeons, cardiologists and radiologists**  
*(Surgeons are welcomed to attend with their colleague cardiologists and radiologists)*

**Registration fee: US\$2500 for full hands-on course, US\$500 for attendance of lectures and observation**

**Contact Ms. Caroline Robertson or Dr. Shi-Joon Yoo for further information.**

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## PROGRAM

Day 1			
Sep 15	7:50-8:00	Opening address / Course overview / House keeping	Glen van Arsdell
	8:00-8:10	Principles and tips in arterial switch operation	Glen van Arsdell
	8:10-10:50	<b>Hands-on session 1:</b> TGA with intact ventricular septum and usual coronary arterial origins and courses (1LCx2R)	All surgeons
	11:00-12:00	Breaking the language barriers between the van Praagh & Anderson schools	Shi-Joon Yoo
	12:00-13:00	Lunch break	
	13:00-15:30	<b>Hands-on session 2:</b> TGA with intact ventricular septum and unusual coronary arterial origins and courses (1L2RCx)	All surgeons
	15:30-15:40	Things to avoid in surgery of coarctation of the aorta	Erle Austin
	15:40-18:00	<b>Hands-on session 3:</b> Simple coarctation of the aorta	All surgeons
	18:10-20:00	Wine and Cheese Reception	
Day 2			
Sep 16	7:30-8:00	Conduction tissue disposition in congenital heart diseases	Erle Austin
	8:00-8:30	Demonstration of Norwood operation	Thomas Spray
	8:30-12:10	<b>Hands-on session 4:</b> Hypoplastic left heart syndrome	All surgeons
	12:10-13:00	Lunch break	
	13:00-14:30	<b>Contemporary surgical morphology session with 3D print models 1:</b> DORV in your hands	Thomas Spray, Shi-Joon Yoo, Andreea Dragulescu
	14:40-18:00	<b>Hands-on session 5:</b> DORV with a subaortic VSD	All surgeons
Day 3			
Sep 17	7:30-9:00	<b>Contemporary surgical morphology session with 3D print models 2:</b> Twisted or criss-cross hearts and related conditions in your hands	Shi-Joon Yoo, Andreea Dragulescu All surgeons
	9:00-9:20	Evaluation	Glen van Arsdell
	9:20-13:30	<b>Hands-on session 6:</b> Interrupted aortic arch with a posterior malalignment VSD	All surgeons
	13:30-13:40	Final remarks and closing	

## APPLICATION FORM

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

Affiliated hospital: \_\_\_\_\_

Current position: \_\_\_\_\_ Years: \_\_\_\_\_

Mailing address: \_\_\_\_\_

E-mail: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Please e-mail or fax your application form to Caroline Robertson ([caroline.robertson@sickkids.ca](mailto:caroline.robertson@sickkids.ca), 1-416-813-8389), and call Caroline Robertson (1-416-813-6029) or Katherine McLaren (1-416-813-5823) with your credit card information to complete your registration. **Please note that application is on a first-come, first served basis.**