

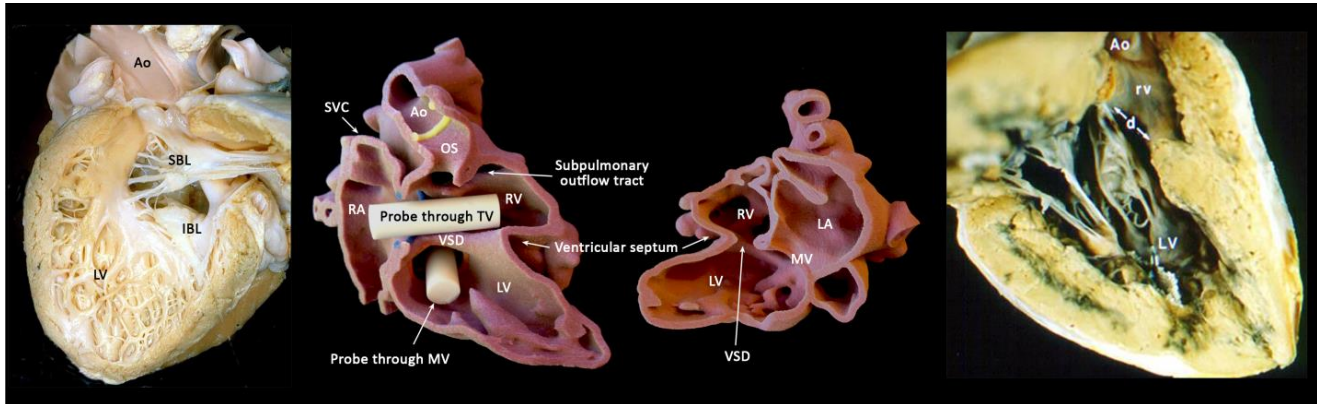
# The 2<sup>nd</sup> Contemporary Morphology Course with Specimens and 3D Print Models

## CONGENITAL HEART DISEASES IN YOUR HANDS

### ♥ Abnormalities of the Atrioventricular Junction ♥

December 6-7, 2019

Peter Gilgan Centre for Research and Learning (PGCRL)  
Hospital for Sick Children, Toronto, Canada



#### Course Overview:

This 2<sup>nd</sup> hands-on course aims to provide the physicians with an ample opportunity to learn congenital heart morphology by directly observing the pathologic specimens and 3D print models. This course will focus on the congenital abnormalities of the atrioventricular junction. There will be 4 hands-on sessions that are preceded by a series of didactic lectures. To allow for an optimal learning environment, we limit the number of participants to 40. The application will be accepted on a first-come, first served basis.

**Target Audience:** Physicians specializing paediatric cardiology, adult congenital heart diseases, intensive care, cardiac imaging, cardiac pathology, paediatric pathology or cardiovascular surgery.

#### Faculties

David Chiasson, Staff pathologist, Hospital for Sick Children, Toronto  
David Barron, Head of Cardiovascular Surgery, Hospital for Sick Children, Toronto  
Anica Bulic, Staff Cardiologist and Electrophysiologist, Hospital for Sick Children, Toronto  
Andreea Dragulescu, Staff Cardiologist, Hospital for Sick Children, Toronto  
Vitor Guerra, Staff Cardiologist, Hospital for Sick Children, Toronto  
Christoph Haller, Staff Cardiovascular Surgeon, Hospital for Sick Children, Toronto  
Nabil Hussein, Research Fellow, 3D Print Heart Program, Hospital for Sick Children, Toronto  
Konstantin Krutikov, Pathology Lab. Scientist, Hospital for Sick Children, Toronto  
Christopher Lam, Staff Cardiac Radiologist, Hospital for Sick Children, Toronto  
Mike Seed, Head of Paediatric Cardiology, Hospital for Sick Children, Toronto  
William Williams, Professor Emeritus of Cardiovascular Surgery, Hospital for Sick Children, Toronto  
Shi-Joon Yoo, Staff Cardiac Radiologist, Hospital for Sick Children, Toronto

**Registration fee:** Canadian \$500 / For Attendees of the HOST course \$250

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

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## PROGRAM

Day 1. December 6, 2019		
7:40-8:00	<b>Registration / Continental Breakfast</b>	
8:00-8:10	Welcome speech	Mike Seed
8:10-8:20	Course introduction	Chiasson / Seed
8:20-8:50	Normal anatomy of the atrioventricular junction	D. Chiasson
8:50-9:20	Base of the ventricles: Key plane for morphologic understanding of CHD	S.J. Yoo
9:20-9:50	Morphology-Imaging-Surgical Correlation: Septal defects involving the atrioventricular junction	M. Seed
9:50-10:20	Morphology-Imaging-Surgical Correlation: Ebstein's malformation and related conditions	D. Barron
10:20-10:40	<b>Break</b>	
10:40-11:50	Hands-on session 1: Septal defects, Ebstein's malformation and things	All faculties
11:50-12:50	<b>Lunch</b>	
12:50-13:10	Morphology-Imaging-Surgical Correlation: Mitral valve pathologies	A. Dragulescu
13:10-13:30	Endocardial fibrosis: Pathogenesis and pathology	D. Chiasson
13:30-14:00	Morphology-Imaging-Surgical Correlation: Hypoplastic left heart syndrome and related conditions	C. Haller / V. Guerra
14:00-14:30	Morphology-Imaging-Surgical Correlation: Discordant atrioventricular connection spectrum	C. Lam
14:30-14:50	<b>Break</b>	
14:50-15:20	Morphology-Imaging-Surgical Correlation: Straddling and overriding atrioventricular valves	S.J. Yoo
15:20-17:00	Hands-on session 2: Mitral valve pathologies, Straddling AV valves and Discordant VA connections	All faculties
17:20-18:00	<b>Wine &amp; Cheese</b>	
	SickKids 3D Print Heart Program	N. Hussein
Day 2. December 7, 2019		
8:00-8:20	<b>Continental Breakfast</b>	
8:20-9:00	Morphology-Imaging-Surgical Correlation: Univentricular atrioventricular connections	V. Guerra
9:00-9:40	Morphology-Imaging-Surgical Correlation: Twisted, criss-cross, superoinferior, topsy-turvy, etc. What do they mean?	S. J. Yoo
9:40-10:10	Conduction tissue disposition in abnormalities of the atrioventricular junction	A. Bulic
10:10-11:40	Hands-on session 3: HLHS and Univentricular, twisted or criss-cross, topsy-turvy hearts	All faculties
11:40-12:00	Q/A and evaluation	
12:00 -13:00	<b>Adjourn and Lunch</b>	

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### REGISTRATION FORM

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

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

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

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

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

*I consent to be photographed or video-taped on December 6-7 while I participate in this course. I further authorize that the photographs and video clips of myself and my filled-in questionnaire may be used for publication or presentation for academic or promotional purposes in any form.*

Sign: \_\_\_\_\_ Date: \_\_\_\_\_

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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) with your credit card information to complete your registration. **Please note that application is on a first-come, first served basis.**