



## DIVISION OF CARDIOLOGY- SUMMARY OF WEEKLY ROUNDS

Monday, April 8 - Friday, April 12, 2019

### Monday, April 8:

8:00-9:00	Aud B UH, <b>E4-005</b> VH & B2-075 St. Joseph's  <i>OTN Event #: 103634935</i>	<b>Cardiovascular Grand Rounds</b> Presenter: <b>M. Chu</b> Title of Presentation: <b>Contemporary Advances in Aortic Reconstructive Surgery</b> <b>Learning Objectives:</b> 1. Review the implications of sex and age on outcomes after aortic surgery. 2. Discuss novel therapeutic options for treatment of acute aortic syndromes. 3. Review current understanding of aortic root stability after aortic valve repair and how these principles enable successful Ross operations on borderline candidates.
12:00-1:30	B6-115 UH  <i>OTN Event #: 102029675</i>	<b>Adult Congenital Cardiac Surgery Rounds</b> <i>Videoconference from Toronto</i> <b>Case-based presentation and discussion</b> <b>Learning Objectives:</b> 1. To describe long-term complications and outcomes in adults with congenital disease. 2. To formulate a rational approach to the diagnosis and treatment of long-term complications in adults with congenital heart disease. 3. To recognize different diagnostic and therapeutic approaches in the treatment of adults with congenital heart disease. 4. To understand the importance of a systematic, multidisciplinary team approach to provide excellent care for adults with congenital heart disease.

### Tuesday, April 9:

7:00-8:00	B6-115 UH  <i>OTN Event #: 103655764</i>	<b>Complex Revascularization Rounds</b> Presenters: <b>CV Surgeons &amp; Interventionalists</b> Faculty Supervisors: <b>D. Nagpal/P. Garg</b> <b>Case-based presentation and discussion</b> <b>Learning Objectives:</b> 1. To develop a systematic approach to interpretation of coronary angiograms. 2. To discuss interesting case examples and their management. 3. To apply an evidence-based approach to complex revascularization cases in order to improve outcomes.
8:00-9:00	B6-115 UH & B2-074 St. Joseph's  <i>OTN Event #: 108409132</i>	<b>Heart Failure Rounds</b> Presenters: <b>Attendings &amp; NPs</b> Faculty Supervisors: <b>S. Smith, R. McKelvie &amp; S. MacGregor</b> <b>Learning Objectives:</b> 1. To develop a systematic approach for management of patients with advanced heart failure despite usual care. 2. To discuss challenging cases and develop management plans. 3. To apply patient centered, evidence-based approach to advanced heart failure care in order to improve outcomes, decrease hospitalization and ensure that patients' goals are addressed to the best of our ability.
2:00-5:00	B6-128 UH	<b>ACADEMIC HALF DAY/DIDACTIC EDUCATION SESSIONS:</b>
2:00-3:00		<b>Hemodynamics of pericardial heart disease</b> Presenter: <b>J. Tuomi</b> Faculty Supervisor: <b>S. Lavi</b> <b>Learning Objectives:</b> 1. Review the pathophysiology of pericardial tamponade and constrictive pericarditis vs restrictive cardiomyopathy (with a focus on constriction). 2. Review the echocardiographic diagnosis of tamponade and features distinguishing constrictive pericarditis from restrictive cardiomyopathy (with a focus on constriction). 3. Review the invasive hemodynamics of cardiac tamponade and constrictive pericarditis vs restrictive cardiomyopathy (with a focus on constriction).
3:00-4:00		<b>Management of clinical pericardial syndromes</b> Presenter: <b>H. Haghbayan</b> Faculty Supervisor: <b>K. Sridhar</b> <b>Learning Objectives:</b> 1. Review the major randomized trials guiding management in clinical pericardial syndromes. 2. Compare and contrast major international society guidelines on the management of clinical pericardial syndromes. 3. Describe the interdisciplinary medico-surgical approach to managing clinical pericardial syndromes.
4:00-5:00		<b>ACHD: VSD</b> Presenter: <b>T. Rahman</b> Faculty Supervisor: <b>A. Mathew</b> <b>Learning Objectives:</b> 1. Provide an overview of VSDs in adults, including imaging and clinical management.

### Wednesday, April 10:

8:00-9:00	B6-115 UH	<b>EP Rounds: Tracing Rounds</b> Presenters: <b>Attendings &amp; Fellows</b> <b>Learning Objectives:</b> 1. To develop a systematic approach to EP tracings. 2. To discuss interesting case examples. 3. To review electrophysiology principles and concepts.
-----------	-----------	---

Thursday, April 11:

8:00-9:00	B6-128 UH	<b>Graphics Rounds: CATH</b> Presenter: <b>P. Diamantouros</b>
12:00-1:00	B6-115 UH & B2-122 VH  <i>OTN Event #: 103710808</i>	<b>Echocardiography Rounds</b> Presenters: <b>Fellows &amp; Attendings</b> <b>Learning Objectives:</b> 1. To discuss technical aspects related to the acquisition of cardiac ultrasound. 2. To discuss the anatomical and physiological principles underlying echocardiography images. 3. To understand how echocardiography may assist in the management of patients with known or suspected cardiac disease.
5:30	<i>The Springs Restaurant, 310 Springbank Drive, London 519.657.1100</i>  <i>Sponsor: Amgen Canada</i>	<b>Journal Club</b> <i>Attendance open to Residents, Fellows and Division Members. RSVP to Charlene Grass (Ext. 33830 or email charlene.grass@lhsc.on.ca)</i> Presenter: <b>B. Ballantyne</b> Faculty Supervisor: <b>P. Diamantouros</b> Paper for Presentation: <b>Lung ultrasound integrated with clinical assessment for the diagnosis of acute decompensated heart failure in the emergency department: a randomized controlled trial</b> E. Pivetta, et al. European Journal of Heart Failure (2019) doi: 10.1002/ehjhf.1379 <b>Learning Objectives:</b> 1. To understand the literature for the use of bedside ultrasound in the assessment of heart failure patients. 2. To discuss a recent randomized trail of lung ultrasound for the diagnosis of heart failure. 3. To highlight the strengths and limitations of this modality.

Friday, April 12:

8:00-9:00	B6-115 UH  <i>OTN Event #: 103876513</i>	<b>EP Rounds: M&amp;M Rounds</b> Presenters: <b>Attendings &amp; Fellows</b> <b>Learning Objectives:</b> 1. To review recent procedural complications and deaths. 2. To review the current literature surrounding such complications. 3. To discuss methods to minimize and avoid such complications.
12:00-1:00	B6-128 UH	<b>Transplant Rounds</b> Presenters: <b>Attendings &amp; Fellows</b> <b>Learning Objectives:</b> 1. To review the multidisciplinary issues surrounding transplantation and mechanical circulatory support. 2. To understand hemodynamics of heart failure patients. 3. To discuss the psychosocial issues surrounding transplantation and mechanical circulatory support.

Some of these educational activities/rounds are an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, approved by the Division of Cardiology Education Committee - Western University.

*Supported by unrestricted grants-in-aid provided by:*  
*Amgen Canada Inc. (Repatha)*  
*AstraZeneca Canada Inc. (Brilinta (Ticagrelor))*  
*Bayer Inc. (XARELTO® rivaroxaban tablet)*  
*Bristol-Myers Squibb Canada & Pfizer Canada Inc. (Eliquis (apixaban))*  
*Medtronic of Canada Inc.*  
*Novartis Pharmaceuticals Canada Inc. (Entresto)*  
*Servier Canada Inc. (Lixiana, Lancora)*