Echocardiography in Heart Failure: A Case-Based Approach

Under the Direction of:
Igal A. Sebag, MD
Lawrence G. Rudski, MD

International speakers:
Geneviève Derumeaux, MD, Lyon, France
Marielle Scherrer-Crosbie, MD, Boston, MA

Saturday, May 23rd 2009
Jewish General Hospital
Block Amphitheatre B-106
AGENDA
(Presentations will be given in French or English)

7:15 a.m. Registration and breakfast
8:00 a.m. Introduction

8:15 a.m. Traditional echo measures in a patient with systolic heart failure: Which parameters are clinically relevant?
Caroline Michel, MD, JGH

8:45 a.m. Les techniques dérivées du Doppler tissulaire : comment intégrer la déformation myocardique, le taux de déformation et la torsion?
Jean Buithieu, MD, MUHC

9:15 a.m. Case studies: 3D and 3D-guided 2D echocardiography in patients with heart failure
Igal A. Sebag, MD, JGH

9:45 a.m. Break

10:05 a.m. Les paramètres échographiques dans l'insuffisance cardiaque diastolique – bien plus que l'absence de dysfonction systolique!
Serge Lepage, MD, CHUS

10:35 a.m. Cases with discrepant diastolic indices: Does my patient have diastolic dysfunction?
George Honos, MD, CHUM

11:00 a.m. Revenons à l’essentiel! Pièges et conseils techniques : comment améliorer la reproductibilité et l'exactitude de vos mesures dans votre laboratoire
Marie-Josée Blais, RDCS, JGH

11:30 a.m. Using reported echo findings to prognosticate and guide clinical care: What every clinician wants to know!
Richard Sheppard, MD, JGH

OBJECTIVES

After completing this course, participants will have a better understanding of

♦ The role of echocardiography in the diagnosis, characterization and prognosis of systolic and diastolic heart failure;

♦ The emerging roles of new technologies for assessing systolic and diastolic function, including 3-D, tissue Doppler, strain, strain rate and torsion, and their day-to-day use in clinical practice;

♦ Findings to seek on an echo report which help establish prognosis and guide clinical care for Cardiologists and Internists;
AGENDA

12:00 p.m.  Lunch and Exhibits

1:30 p.m.  Allocution principale : Présentation de pointe sur la resynchronisation cardiaque  
Geneviève Derumeaux, MD, Lyon, France

2:15 p.m.  Interactive workshop on CRT – “Read-with-the-Experts” session  
Viviane Nguyen, MD, MUHC, Jean Buithieu, MD et Geneviève Derumeaux, MD

3:00 p.m.  Echo pour guider le chirurgien spécialisé en insuffisance cardiaque – ce que  
l’échographiste doit signaler au chirurgien, et ce que le chirurgien veut entendre  
Mario Sénéchal, MD, Hôp. Laval, Renzo Cecere, MD, MUHC

3:45 p.m.  Break

4:00 p.m.  L’insuffisance cardiaque et les maladies congénitales chez l’adulte  
Judith Therrien, MD, JGH

4:20 p.m.  Le VG épaissi : quel est le diagnostic différentiel et de quelle cardiomyopathie  
s’agit-il?  
Claude Sauvé, MD, HSC

4:40 p.m.  Early echocardiographic markers of cardiomyopathy in diabetes, obesity and  
chemotherapy  
Marielle Scherrer-Crosbie, MD, Massachusetts General Hosp., Boston, MA

5:00 p.m.  Putting it all together - The comprehensive study in heart failure: From diagnosis to  
therapeutics  
Lawrence Rudski, MD, JGH

OBJECTIVES

♦  The various technical demands and skills for an accurate and reproducible determination of LV  
systolic and diastolic function;

♦  How to assess for cardiac dyssynchrony, identify candidates for cardiac resynchronization and  
follow these patients after device therapy;

♦  How to communicate echocardiographic findings to the surgeon to assist in planning for mitral  
valve repair in heart failure surgery.

WHO SHOULD ATTEND

This program is designed for cardiologists, cardiovascular surgeons, internists, sonographers, nurses,  
fellows in training and other healthcare professionals interested in Echocardiography and heart failure
PROGRAM OVERVIEW

Echocardiography in Heart Failure is a premier educational course designed to serve clinicians caring for patients with suspected or established heart failure. This meeting is held in co-sponsorship with the Canadian Society of Echocardiography, whose goal is to serve the educational needs of its members.

Presentations will range from the prognostic significance of traditional echo measures of systolic and diastolic heart failure to the practical, day-to-day clinical applications of emerging technologies such as 3-D, tissue Doppler, strain and strain rate. This course emphasizes “engaged lectures”, interaction with the audience and learning through CASES, CASES and more CASES!

A STATE-OF-THE-ART presentation on cardiac resynchronization, provided by Dr. Geneviève Derumeaux, a pioneering leader in the field, will be followed by an INTERACTIVE WORKSHOP from leading experts on guiding clinical decisions for cardiac resynchronization.

The participant will come out of this course with the updated necessary knowledge and skill to confidently assess patients with heart failure by echocardiography and provide a comprehensive interpretation addressing prognosis and potential therapeutic implications!

ACCREDITATION

♦ This event is approved for up to 7.5 credits by the Centre for Continuing Medical Education (“CME”). The Centre for CME, Faculty of Medicine, McGill University is fully accredited by the Committee on Accreditation of Canadian Medical Schools and through the (CACMS) is accredited to award AMA PRA category 1 credits.
♦ This event is an Accredited Group Learning Activity as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada.
♦ The Centre for CME, Faculty of Medicine, McGill University designates this activity for Category 1 credit towards the AMA Physicians Recognition Award up to the maximum number of credit hours noted above. Each physician should claim only those hours of credit that he/she actually spent at the educational activity.
♦ The développement professionnel permanent (DPP) of the OTRQ designates this activity for a maximum of 3.7 hours. Every hour of attendance is equivalent to 0.5 hours within the framework of the DPP. Sonographers should only claim credit commensurate with the extent of their participation in the activity.

Please RSVP to Jo-Ann Gillenwater
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Please use the H Parking, located on Côte des-Neiges