

## MEDICAL GRAND ROUNDS 2015-2016

Medical Grand Rounds take place on Mondays at 12:30 PM in the Block Amphitheatre at the Jewish General Hospital, 3755 Cote Ste Catherine Road, Montreal:

### September 8

#### **TUESDAY SPECIAL MEDICAL GRAND ROUNDS**

#### **RECENT ADVANCE IN CARDIOVASCULAR OUTCOMES TRIALS WITH ANTIHYPERGLYCEMIC AGENTS**

##### **Faiez Zannad, MD, PhD**

Professor of Therapeutics at the Medical Faculty of the Lorraine University at Nancy

Head of the Division of Heart Failure, Hypertension and Preventive Cardiology, Department of Cardiovascular Disease of the Academic Hospital of Nancy

Director of the Clinical Investigation Center (CIC) funded by the Academic Hospital and INSERM

National Coordinator of the Network of Clinical Investigation Centres working in the Cardiovascular field in France

#### **Educational Objectives:**

1. Understand the complex relationship between diabetes and cardiovascular disease
2. Review and understand the clinical data related to antihyperglycemic agents and cardiovascular outcomes
3. Clinical implication to high risk CV diabetic patient management

### September 21

#### **27th ANNUAL BERTHA & NACHUM MIZNE MEMORIAL LECTURE**

#### **GI CANCER RISK IN NON-GI HEREDITARY CANCER SYNDROMES**

##### **Polymnia Galiatsatos, MD**

Assistant Professor of Medicine, McGill University

Division of Gastroenterology, Jewish General Hospital

#### **Educational Objectives:**

1. To be sensitized to the risk of colorectal and other GI cancers in primarily non-GI hereditary cancer syndromes
3. To be updated on current guidelines or screening recommendations with regards to the above

Contact Person: E. L. Schiffrin, C.M., MD, PhD, Physician-in-Chief, Department of Medicine, Tel. 514-340-7538.

### September 28

#### **FIRST ANNUAL DEPARTMENT OF MEDICINE CLINICAL RESEARCH SYMPOSIUM**

#### **I. INTEGRATING 3-D, STRAIN IMAGING AND BIOMARKERS FOR THE PREVENTION OF CHEMOTHERAPY-INDUCED CARDIOTOXICITY**

##### **Igal Sebag, MD, FRCPC, FACC, FASE**

Associate Professor of Medicine, McGill University

Director of Echocardiography and Non-Invasive Cardiology

Jewish General Hospital

#### **Educational Objectives:**

1. Understand how novel modalities in cardiac imaging, such as 3-D and speckle-tracking echocardiography, are sensitive markers of myocardial injury and predictive of the subsequent development of chemotherapy-induced cardiotoxicity
2. Acknowledge how an integrated approach, using echocardiography and biomarkers, may guide the clinician on the subsequent treatment plan to prevent cardiotoxicity

#### **II. TARGETED DESTRUCTION OF TAGGED CELLS AS A GOAL IN CANCER MANAGEMENT**

##### **Michael Tamilia, MD**

Associate Professor, McGill University

Division of Endocrinology, Jewish General Hospital

#### **Educational Objectives:**

1. Acknowledge the risks and limited success of revision operations for locoregional recurrence of thyroid cancer
2. Introduce nanoparticle technology in cell destruction
3. In vitro, proof of concept on TSH-targeted nanoparticle thermodestruction of cells

#### **III. UNDERSTANDING THE GENETIC COMPLEXITY OF DIFFUSE LARGE B CELL LYMPHOMA IN THE CONTEXT OF A CLINICAL TRIAL FOR RELAPSED DISEASE**

##### **Sarit Assouline, MD**

Associate Professor of Medicine, McGill University

Division of Hematology, Jewish General Hospital

#### **Educational Objective:**

Diffuse large B cell lymphoma is a single diagnosis which encompasses an array of aggressive lymphomas. They all share their B cell roots and aggressive nature. Beyond that, they differ in their origin within the lymph node, genetic background and clinical behavior. These differences will be highlighted in order to convey a greater understanding of the complexity of this disease and the opportunities for therapeutic innovation.

### October 5

#### **ALLERGY UPDATE 2015**

#### **I. NEW THERAPY FOR ALLERGIC RHINITIS**

#### **II. NEW DIAGNOSTICS IN ALLERGY**

##### **Peter Small, MD**

Associate Professor of Medicine, McGill University & Chief, Division of Allergy & Immunology

Jewish General Hospital

#### **Educational Objectives:**

1. What is hot in allergy

2. New treatments for old diseases

**October 19**

**NEW DIAGNOSTIC AND THERAPEUTIC APPROACHES TO MYCOSIS FUNGOIDES AND SEZARY SYNDROME**

**Alain H. Rook, MD**

Professor of Medicine, Director, Photopheresis Program, University of Pennsylvania  
Penn Dermatology, Perelman Center for Advanced Medicine, Philadelphia, PA

**& Youn H. Kim, MD**

The Joanne and Peter Haas, Jr., Professor for Cutaneous Lymphoma Research and Professor, by courtesy, of Medicine (Oncology) at the Stanford University Medical Center, Stanford, CA

**Educational Objectives:**

1. Describe newer approaches to therapy of cutaneous T-cell lymphoma.
2. Discuss diagnostic and therapeutic approaches to the less common variants of cutaneous lymphomas

**October 26**

**CANADIAN PATIENT SAFETY WEEK**

**I. WALKING THE TALK WITH EVIDENCE BASED MEDICINE: ASSESSING THE QUALITY OF MEDICAL PRACTICE**

**Nicolas Bustamante, MD**

First Year Family Medicine Resident, McGill University and Jewish General Hospital

**II. NEPHROLOGY & NEUROLOGY: THE BENCHMARKING OF CLINICAL OUTCOMES**

**Emad Tawfik, MHA**

School of Public Health, University of Montreal

**Mendy Sananikone-Thavonekham, BSc, MHA**

School of Public Health, University of Montreal

**Educational Objectives:**

1. Understanding key quality indicators in improving quality in 2 clinical areas: Hemodialysis and Stroke
2. Exploring the critical role of physicians and teams in quality improvement and means of engagement

**November 2**

**LESS MEDICINE MORE HEALTH: 7 ASSUMPTIONS THAT DRIVE TOO MUCH MEDICAL CARE**

**H. Gilbert Welch, MD, MHP**

General Internist & Professor of Medicine, Dartmouth Institute for Health Policy & Clinical Research

**Educational Objectives:**

1. All risks can be lowered
2. Sooner detection is always better
3. It never hurts to get more information

**November 9**

**SOLVING IMMUNE THROMBOCYTOPENIA (ITP)**

**Donald M. Arnold, M.D., MSc, FRCP(C)**

Associate Professor of Medicine, Department of Medicine, Division of Hematology & Thromboembolism, McMaster University, Hamilton, Ontario

**Educational Objectives:**

1. Review what we know and what we don't know about ITP
2. Summarize new developments in ITP diagnosis and treatment

**November 16**

**EVOLVING ROLE OF ROBOTICS IN CARDIAC SURGERY - DO THE ENDS JUSTIFY THE COST?**

**Emmanuel Moss, MD, MSc, FRCS**

Assistant Professor of Surgery, McGill University,

Staff, Department of Surgery, Division of Cardiac Surgery, Jewish General Hospital

**Educational Objectives:**

1. Describe recent advances in minimally invasive cardiac surgery, with a focus on robotics.
2. Discuss potential benefit to patients and summarize current literature

**November 23**

**A MODERN APPROACH IN THE MANAGEMENT OF IBS AND CIC (CHRONIC IDIOPATHIC CONSTIPATION)**

**Edmond Jean Bernard, MD, FRCPC**

Staff, Division of Gastroenterology, Hôtel Dieu, CHUM

Associate Professor, Department of Medicine, Université de Montréal

**Educational Objectives:**

1. Gain an overview of the quality of evidence supporting management strategies in IBS and CIC
2. Be more effective in their overall approach to managing patients experiencing IBS and CIC

**November 30**

**THE MCGILL INTERNAL MEDICINE GLOBAL HEALTH INITIATIVE: HAITI 2015**

**Rachel Spevack, MD**

3rd Year Internal Medicine Resident, McGill University & Jewish General Hospital

**Laura Anne Habib, MD**

Internal Medicine Resident, PGY2, McGill University & MUHC,

**Educational Objectives:**

Introduction to

- 1) New Global Health Elective for Internal Medicine in Haiti.
- 2) Resident global health competency development as a tool to improve clinical acumen, patient care, physical exam, health advocacy and a broader "systems-based" view of healthcare.
- 3) Staff as role models to residents and potential staff roles in the future

**DECEMBER 7****DANCING WITH IV POLES:****EARLY AMBULATION IN THE ICU**

**Paul Warshawsky, MD, FRCPC**

Assistant Professor of Medicine

McGill University

Chief, Department of Adult Critical Care

Staff, Division of General Internal Medicine

Jewish General Hospital

**Educational Objectives:**

1. Learn about PICS - Post Intensive Care Syndrome
2. Review the literature concerning early mobilization in ICU
3. Discuss protocols in place at the JGH

**DECEMBER 14****AN UPDATE ON ACUTE STROKE MANAGEMENT**

**Jeffrey Minuk, MSc, MD, FRCPC**

Associate Professor of Neurology and Neurosurgery

McGill University

Head, Department of Neurosciences

Neurologist-in-Chief

Jewish General Hospital

**Educational Objectives:**

1. To review the pathophysiology of acute ischemic stroke
2. To review the hyperacute management of acute ischemic stroke

**January 11****IMPROVING PATIENT CARE QUALITY AND SAFETY THROUGH INFECTION PREVENTION AND CONTROL**

**Gary Garber, MD, FRCPC, FACP, FIDSA**

Chief, Infection Prevention and Control

Public Health Ontario

Infectious Diseases Physician, The Ottawa Hospital

Professor, Depts. of Medicine University of Ottawa and University of Toronto

Associate Scientist, Ottawa Hospital Research Institute

**Educational Objectives:**

- 1) To recognize that breaches in IPAC principles harm patients.
- 2) To understand what are the barriers to adopting basic IPAC patient safety principles
- 3) To understand that all physicians have a role in adopting IPAC into a culture of patient safety

**January 18****QUALITY MEASUREMENT: QUEST FOR THE HOLY GRAIL OR TILTING AT WINDMILLS**

**Blair Schwartz, MDCM, MHS, FRCPC**

Assistant Professor of Medicine, McGill University

Staff, Division of General Internal Medicine, Department of Medicine

Staff, Department of Adult Critical Care

Jewish General Hospital

**Educational Objectives:**

1. To provide an overview of the nature of quality metrics
2. To highlight methodological and practical challenges to the collection and use of quality metrics
3. To review quality measurements from the Department of Medicine at the JGH

**January 25****CONTEMPORARY ISSUES IN SMOKING CESSATION:****FROM EVITA TO E-CIGARETTES**

**Mark Eisenberg, MD, MPH**

Professor of Medicine, McGill University

Staff, Division of Cardiology, Jewish General Hospital

**Educational Objectives:**

1. To enable participants to integrate the findings from the recent landmark EVITA trial of varenicline for smoking cessation post-acute coronary syndrome into their clinical practice.
2. To provide participants with an update of the literature regarding the clinical, regulatory and ethical implications of e-cigarettes, as well as ongoing research regarding their efficacy.

**February 1**

**TWENTIETH ANNUAL HUMANIZATION OF CARE AWARENESS PROGRAM ROUNDS  
RESPECT, IT'S YOURS TO GIVE**

**Francine Dupuis**

Associate Executive Director of the Integrated Health and Social Services University Network for West-Central Montreal

**Educational Objectives:**

Respect may be cultivated by:

- 1) Training employees
  - a. Give meaning to our work: Take care of others
  - b. Treat people like human beings: Prioritize humanization of care over procedures
  - c. Encourage compassionate attitude
  - d. Define (management-staff) what is acceptable among peers with clientele and management team
- 2) Evaluating staff by taking into consideration respect criteria at all levels
- 3) Guiding and supporting employees to facilitate commitment.
- 4) Standing as an example by being respectful to all

**February 8**

**I. ORPHAN DISEASES IN THE ERA OF PERSONALIZED MEDICINE: A CASE-BASED DISCUSSION AROUND A LETHAL MULTI-SYSTEMIC DISEASE**

**Khashayar Esfahani, MD**

Medical Oncology PGY4, McGill University & Jewish General Hospital

**Educational Objectives:**

1. To present challenges associated with the diagnosis and treatment of a rare hematologic disorder
2. To use this case as an example of how genomic-based targeted therapies are revolutionizing the field of medicine

**II. THE FORCE AWAKENS: THE GOOD AND DARK SIDES OF IMMUNE CHECK-POINT INHIBITORS**

**Arif Ali Awan, MD**

3rd year Internal Medicine Resident, McGill University & Jewish General Hospital

**Educational Objectives:**

1. To acknowledge the advent of immune check-point inhibitors in a wide-array of malignancies.
2. A case-inspired review of the severe multi-system adverse reactions from immune check-point inhibitor treatment.

**February 15**

**MOVING FROM A GLUCOSE CONTROL APPROACH TO A CARDIOVASCULAR APPROACH**

**Agnieszka Majdan, MD**

Assistant Professor of Medicine, McGill University

**Division of Endocrinology, Jewish General Hospital**

**Educational Objectives:**

1. To review current guidelines for the treatment of diabetes
2. To review recent cardiovascular trials in diabetes

**February 22**

**ATRIAL FIBRILLATION: HOW MUCH IS TOO MUCH AND HOW HARD SHOULD WE LOOK**

**Jeff Healey, MD, MSc, FRCPC, FHRS**

Associate Professor of Medicine, McMaster University

Cardiologist, Hamilton General Hospital

**Educational Objectives:**

- Understand the current state of the art in AF detection
- Review subclinical AF and the risk of stroke
- Update on recent clinical trials on subclinical AF

**February 29**

**PROTEOMICS: THE FUTURE OF PERSONALIZED MEDICINE**

**Christoph Borchers, BSc, MSc, PhD (Konstanz)**

Professor of Oncology and Biochemistry, McGill University

Segal Family Chair in Molecular Oncology

Fellow of the Canadian Academy of Health Sciences

**Educational Objectives:**

1. To understand what research in proteomics can provide to medical diagnostic and treatment of our patients
2. To learn how advances in personalized or precision medicine will be applied in the future to their diagnosis and treatment

**March 7, 2016**

**CANCER GENETICS: FROM THE MICROSCOPE TO MiSeq**

**William D. Foulkes, MD, PhD**

James McGill Professor, Departments of Medicine, Human Genetics & Oncology

McGill Program in Cancer Genetics, McGill University

Department of Medical Genetics, Jewish General Hospital

**Educational Objectives :**

1. To be aware of novel cancer syndromes
2. To appreciate the importance of unbiased approaches to disease classification

3. To recognize that not all carcinomas are carcinomas

**March 14, 2016**

**25 YEARS OF DIABETES: PAST, PRESENT AND FUTURE**

**Tina Kader, MD**

Assistant Professor of Medicine, McGill University  
Division of Endocrinology, McGill University

**Educational Objectives:**

1. What is hot in diabetes
2. New treatments for diabetes

**March 21, 2016 - Cancelled**

**CANCER AND VENOUS THROMBOEMBOLISM**

**Marc Carrier, MD, FRCPC, MSc**

Associate Professor of Medicine and Epidemiology  
Program Director, Adult Thrombosis Medicine Fellowship Program University of Ottawa  
Member, Internal Medicine  
Ottawa General Hospital

**Educational Objectives:**

1. Review the incidence of occult cancer detection in patients with venous thromboembolism and discuss the pros and cons of cancer screening in this patient population.
2. Review the new evidence in the acute and long-term treatment of cancer-associated thrombosis (including CATCH and DalteCAN)
3. Discuss the use of direct oral anticoagulants for the management of cancer-associated thrombosis

**April 4 - Cancelled**

**How would the new ChartMaxx solve our IT problems?**

**Sarah Bouchard, MD, FRCPC**

Associate Professor, Department of Surgery, Université de Montréal  
Chief Medical Information Officer and Pediatric Surgeon, CHU Sainte-Justine

**Educational Objectives:**

1. New ways of using ChartMaxx of solving our problems
2. New features of ChartMaxx and how they are being used at Ste. Justine
3. How the new ChartMaxx can make doctors', nurses' and allied professionals' tasks easy

**April 11**

**Biomarkers in Solid Tumors: Current Landscape and Perspectives**

**Alan Spatz, MD**

Professor of Pathology and Oncology, McGill University  
Director, Department of Pathology, Jewish General Hospital  
Canada Research Chair in Molecular Pathology

**Educational Objectives:**

At the end of the presentation, the participants:

1. Will better understand the most significant scientific and technology trends in Pathology and their expected consequences for quality patient care and hospital organization system
2. Using recent examples of disruptive innovations in Pathology, will be more familiar with the notion of high-technology effects and how they could be integrated in the specific Quebec healthcare context
3. Will have the opportunities to discuss the current strategies in Pathology to switch the financial threat of innovation into medical and cost saving opportunities

**April 18**

**INTERSTITIAL LUNG DISEASES AT THE JEWISH GENERAL HOSPITAL**

**Deborah Assayag, MD**

Assistant professor of Medicine, McGill University  
Staff, Pulmonary Division, Jewish General Hospital

**Educational Objectives:**

1. To review the diagnostic evaluation and management of the most common types of fibrotic interstitial lung diseases
2. To describe our experience in the Pulmonary Division with patients with interstitial lung diseases

**April 25**

**CLINICAL RESEARCH IN GERIATRIC ONCOLOGY  
WHICH DIRECTIONS? WHICH SPECIFICITIES?**

**Etienne Brain, MD, PhD**

Department of Medical Oncology, Institut Curie - Hôpital René Huguenin  
President of the International Society of Geriatric Oncology (SIOG)

**Educational Objectives:**

1. Review of situation to understand current limitations
2. Discuss initiatives and opportunities for improvement
3. Discuss need for international cooperation

**May 2**

**AAPA (APPROCHE ADAPTÉE À LA PERSONNE ÂGÉE) - DEVELOPMENTS AT THE JEWISH GENERAL HOSPITAL**

**Judy Bianco, N. M.Sc(A)**

Associate Nursing Director for Medicine, Geriatrics and the Emergency Department, Jewish General Hospital

**Ruby Friedman, MD, FRCPC**

Assistant Professor, Department of Medicine, McGill University

Site Director, Division of Geriatric Medicine, Jewish General Hospital

**José Morais, MD, FRCPC**

Associate Professor, Department of Medicine, McGill University

Chief, Division of Geriatric Medicine, Jewish General Hospital

**Educational Objectives:**

1. To understand the Ministry of Health and Social Services (MSSS) objectives in mandating implementation of AAPA
2. To recognize the major complications of hospitalization in the elderly and what the JGH is doing to overcome these
3. To recognize the role of the physician in preventing complications of hospitalization in the elderly.

**May 9**

**POLYCYSTIC KIDNEY DISEASE: WHAT'S NEW FOR AN OLD DISEASE**

**Ahsan Alam, MDCM, MS, FRCP(C)**

Associate Professor of Medicine, McGill University

Member, Division of Nephrology, McGill University Health Centre (MUHC)

**Educational Objectives:**

1. To know how to recognize and diagnose autosomal dominant polycystic kidney disease (ADPKD)
2. To understand the complications related to ADPKD
3. To be aware of new therapeutic approaches for patients with ADPKD

**May 16**

**CHOOSING WISELY: HOW TO NAVIGATE THE CONTROVERSIES IN OSTEOPOROSIS MANAGEMENT**

**Suzanne Morin MD MSc**

Associate Professor

Department of Medicine, McGill University

Division of General Internal Medicine, MUHC

**Educational Objectives:**

1. To discuss the evidence for calcium and vitamin D supplementation in bone health
2. To discuss the evidence for management of patients at risk for fragility fractures: current and future therapies

**May 30**

**OVERVIEW OF BREAST CANCER**

**Lawrence Panasci, MD, FRCPC**

Professor, Departments of Medicine and Oncology, McGill University

Director of Medical Oncology, Department of Oncology, McGill University

Associate Director, Oncology Department, Jewish General Hospital

**Educational Objectives:**

1. To discuss the epidemiology, diagnosis, treatment and prevention of breast cancer
2. To discuss the future developments in breast cancer

**June 6**

Second Arthur Rosenberg Clinical Lecture

**BONE MARROW TRANSPLANTATION: PAST, PRESENT AND FUTURE**

**Martin Gyger, MD, FRCPC**

Professor of Medicine

McGill University

Division of Hematology

Jewish General Hospital

**Educational Objectives:**

1. Acquire knowledge on the evolution of Bone Marrow Transplantation over the past 35 years
2. To understand how we can harness the immune system to fight cancer

**June 13**

**The Rise of Extremely Drug-Resistant Gram-Negative Bacteria and how to prevent it**

**Yves Longtin, MD, FRCPC**

Associate Professor of Medicine,

McGill University

Division of Infectious Diseases,

Jewish General Hospital

**Educational Objectives:**

1. Review the international, national and institutional burden of drug-resistant gram-negative bacteria
2. Review the clinical management of infections due to drug-resistant gram-negative bacteria
3. Described various strategies to control the spread of drug-resistant gram-negative bacteria
4. Review the current literature on the efficacy of Chlorhexidine gluconate to prevent healthcare-associated infections