

MEDICAL GRAND ROUNDS 2012-2013

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 10

New Insights on RV Physiology in Heart Failure and Pulmonary Hypertension

François Haddad, MD, FACC

Assistant Clinical Professor of Medicine, Stanford University
Associate Researcher Marie Langelongue Hospital, Université Paris-Sud

Educational Objectives:

1. Understand the relationship between coupling of the Right Ventricle to the Lung Circulation
2. Understand how multimodality imaging, biomarkers and exercise yield insights into right ventricular function
3. Be introduced to immunologic aspects of Right Ventricular failure

September 17

No Rounds - 1st Day Rosh Hashonah

September 24

24th Annual Bertha & Nachum Mizne Memorial Lecture

Do We Need to Expect an Epidemic of Liver Disease and How Can We Face It?

Marc Bilodeau, MD

Associate Professor of Medicine, Université de Montréal
Division of Hepatology, Hôpital Saint-Luc (CHUM)

Educational Objectives:

1. Review the current epidemiology and risk factors for NASH, viral hepatitis, hepatocellular carcinoma and alcoholic liver disease
2. Identify the current and potential social and political strategies aimed at preventing liver diseases
3. Discuss the new therapies developed to treat these conditions

October 1

Taking a Risk. Diabetes Therapies: Cardiovascular Disease and Cancer

Agnieszka Majdan, MD

Assistant Professor of Medicine, McGill University
Division of Endocrinology, Jewish General Hospital

Educational Objectives:

1. To appreciate the increased risk of cancer in diabetes
2. To understand the risk of cancer of oral meds and of insulin

October 8

No Rounds - Thanksgiving

October 15

Vitamin K Deficiency and Coumadin Use: Risk Factors for Vascular Calcification in Chronic Kidney Disease?

Sharon Nessim, MD, MSc

Assistant Professor of Medicine, McGill University
Division of Nephrology, Jewish General Hospital

Educational Objectives:

1. Discuss the prevalence of vascular calcification among CKD patients
2. Discuss the role of vitamin K deficiency and coumadin use in promoting vascular calcification
3. Discuss ongoing studies of the effect of Vitamin K2 supplementation on reducing vascular calcification

October 22

Advances in the Management of Complement Disorders in Young Patients

Anita Hill, MD, PhD

Department of Haematology, Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom

Educational Objectives:

1. Review Natural History of PNH (paroxysmal nocturnal hemoglobinuria) in young patients
2. Better understand the chronic, life-threatening nature of PNH and benefits of early therapeutic intervention
3. How complement therapeutics may alter how we approach diagnosis and treatment in hematological disorders

October 29

Canadian Patient Safety Week

Tough Choices, Good Medicine: Using a Framework to Support Ethical Decision-making

Robert Butcher, PhD

Foundations: Consultants on Ethics and Values Canada Inc, London, Ontario

Educational Objectives:

1. Understand the nature and scope of ethical decision-making in health care
2. Understand who has the authority to make which ethical decisions in health care
3. Use a framework for ethical decision-making

November 5

The Canadian Malnutrition Task Force: Update on the Nutrition Care in Canadian Hospitals Study

Professor Heather Keller RD, PhD, FDC

Schlegel Research Chair, Nutrition & Aging, Department of Kinesiology and the UW-Schlegel Research Institute of Aging, University of Waterloo

Paule Bernier, P.DT, Msc

Critical Care Nutritionist and Coordinator of the Nutrition Support Team, Jewish General Hospital Director, Safer Healthcare Now (Québec), Canadian Patient Safety Institute

Educational Objectives:

1. To provide background on the CMTF and Nutrition Care in Canadian Hospitals Study
2. To present preliminary data on the prevalence of malnutrition and outcomes as identified in adult acute care patients
3. To outline and discuss key areas for improvement in nutrition care processes in acute care

November 12

Adipose Tissue as an Endocrine Organ; Emerging Clinical Applications

Christos Mantzoros, MD, DSc

Professor of Medicine, Harvard Medical School, Boston, Massachusetts

Educational Objectives:

1. To discuss the role of adipokines and myokines in the pathogenesis of obesity and obesity related comorbidities
2. To discuss emerging therapies for obesity and extreme leanness

November 19

Skin Cancer Updates

Manish Khanna, MD

Assistant Professor of Medicine, McGill University
Division of Dermatology, Jewish General Hospital

Educational Objectives:

1. Review the recent literature on skin cancer
2. Review the main type of skin cancer and their outcomes

November 26

Percutaneous Endoscopic Gastrostomy (PEG) - What One Should Know about Indications,

Complications and Alternatives!

Jonathan Wyse, MD

Assistant Professor of Medicine, McGill University
Division of Gastroenterology, Jewish General Hospital

Educational Objectives:

1. To understand the indications of PEG insertion
2. To know the risk and alternatives

December 3

Early Mobilization in a Senior Friendly Hospital

Barbara Liu MD, FRCPC

Associate Professor, Division of Geriatric Medicine, Department of Medicine, Faculty of Medicine, University of Toronto

Executive Director, Regional Geriatric Program of Toronto

Consultant, Sunnybrook Health Sciences Centre

Affiliate Scientist, Sunnybrook Research Institute

Educational Objectives:

1. Describe the Ontario Senior Friendly Hospital Strategy
2. Review the evidence for early mobilization interventions in the hospital setting
3. Identify challenges and opportunities in implementation of a multisite early mobilization initiative

December 10

Medical Emergency Teams: a Comparison of Different Models

Dev Jayaraman, MD, MPH

Assistant Professor of Medicine, McGill University

CTU Director and Director of Quality Improvement, Departments of Critical Care and Internal Medicine, McGill University Health Centre

Associate Member, Department of Adult Critical Care and Medicine, Jewish General Hospital

Educational Objectives:

1. Understand the evidence for rapid response teams
2. Understand the rationale and impact of two pilot rapid response projects

January 7

Alzheimer Disease, Parkinson Disease and Schizophrenia: Converging Biological Mechanisms and Treatment Opportunities

Hyman Schipper, MD, PhD, FRCPC

Professor of Neurology and Medicine, McGill University

Staff Neurologist, Jewish General Hospital

Educational Objectives:

1. To review risk factors, biological pathways and neuropathology common to Alzheimer disease, Parkinson disease and schizophrenia.
2. To consider the role of heme oxygenase-1 (HO-1) in the pathogenesis and treatment of developmental and degenerative brain disorders.
3. To learn about a novel animal model of schizophrenia and related conditions developed at the Lady Davis Institute

January 14

Developing Clinicians: Does Mentorship Matter?

Michelle Elizov, MD

Assistant Professor of Medicine, McGill University

Division of Internal Medicine, Jewish General Hospital

Educational Objectives:

1. To describe clinical mentorship and compare it to mentorship in other professional areas
2. To describe the benefits of mentorship of clinicians from the perspectives of the mentee, the mentor and the institution

3. To describe strategies for effective clinical mentorship

January 21

Vaccines for Adults : How Useful in 2013?

Karl Weiss, MD, MSc, FRCPC

Professor of Medicine, University of Montreal

Chief, Department of Infectious Diseases and Microbiology, Hôpital Maisonneuve-Rosemont (CHUM)

Co-Chair, Montreal Infection Control Board, Division of Infectious Diseases, Jewish General Hospital

Educational Objectives:

1. Understand the impact and value of pneumococcal polysaccharide and conjugated vaccines
2. Understand the impact and value of Varicella-zoster and HPV vaccines
3. Briefly discuss the arrival of the new meningococcal vaccine

January 28

Presentation of Gold Medal to Dr. Jonathan Afilalo, Winner of the 2012 Royal College Medal

Presentation of the Paper: “Gait Speed as an Incremental Predictor of Mortality and Major Morbidity in Elderly Patients Undergoing Cardiac Surgery”

Jonathan Afilalo, MD, MSc, FRCPC

Assistant Professor of Medicine, McGill University

Division of Cardiology, Jewish General Hospital

Educational Objectives:

1. To discuss the implication of frailty in elderly patients with cardiovascular disease
2. To present past and ongoing work being conducted at the SMBD-JGH on frailty in the context of cardiac surgery

February 4

Seventeenth Annual Humanization of Care Awareness Program

What Is Value in Healthcare

Lawrence Rosenberg, MD, CM, MSc, PhD, MEng, FRCSC, FACS

Professor of Surgery and Medicine, A.G. Thompson Chair of Surgical Research, McGill University

Chief of Surgical Services and Director of Transformational Change, Jewish General Hospital

Educational Objectives:

1. Understand what value is
2. Understand how to create value

February 11

Web-based Health Promotion at the McGill Comprehensive Health Improvement Program (CHIP): past Results and Future Challenges

Steven A. Grover, MD, MPA

Professor of Medicine and Director of the McGill Comprehensive Health Improvement Program (CHIP), McGill University

Educational Objective:

Discuss the role of e-health to support community based health promotion and disease management

February 18

Time for Better Blood Pressure Measurements: Improving Outcomes in Hypertension

Luc Trudeau, MD

Assistant Professor of Medicine, McGill University

Division of Internal Medicine, Jewish General Hospital

Educational Objectives:

1. To review office blood pressure measurement techniques and their limitations

2. To understand indications and usefulness of home blood pressure assessment and of 24-hour monitoring
3. To look into the impact of future available techniques
4. How to improve adherence to therapy

February 25

I. Fever and Rash: a Diagnostic Dilemma

Rachel Bond, MD

Internal medicine Second Year Internal Medicine Resident, McGill University & Jewish General Hospital

Educational Objectives:

1. An approach to a challenging diagnosis
2. A differential diagnosis to the critically ill

II. Radiation Therapy Induced Valvular Disease: a Case Based Discussion

Jenna Berger, MD

Internal medicine Second Year Internal Medicine Resident, McGill University & Jewish General Hospital

Educational Objectives:

1. To appreciate the impact of radiation therapy on the cardiovascular system
2. Review of a case to better understand how to approach a patient with valvular heart disease secondary to radiation therapy

March 4

Useless Laboratory Tests: a Tale of Waste, Suffering and Confusion

Elizabeth MacNamara, MD

Associate Professor of Medicine, McGill University

Chief, Division of Medical Biochemistry & Department of Diagnostic Medicine, Jewish General Hospital

Shaun Eintracht, MD

Assistant Professor of Medicine, McGill University

Division of Medical Biochemistry & Department of Diagnostic Medicine, Jewish General Hospital

& Kaethe Clarke, MD

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

Educational Objectives:

1. Understand that we all order tests that are useless
2. Useless tests do not only waste money they do harm
3. Review cases and examples
4. Explore ideas of how to change our present paradigm

March 11

Genetic Testing for Mutation in Brca1/2: Changing Clinical Perspectives

Nora Wong, MSc

Genetic Counsellor

Division of Medical Genetics, Department of Medicine and Department of Medical Genetics, Jewish General Hospital

Educational Objectives:

1. Identify families which may have a hereditary susceptibility for breast and ovarian cancer
2. Identify patients which may benefit from having a genetic consultation
3. Understand how genetic testing for BRCA1/2 can help in treatment and surveillance decision-making

March 18

Genomics of Common Disease: Can it Help My Patients?

Brent Richards, MD, MSc

Assistant Professor of Medicine, McGill University

Division of Endocrinology, Jewish General Hospital

Educational Objectives:

1. To understand the relative importance of genetics in common disease
2. To understand how genetics can help validate biomarkers
3. To understand how genetics can identify drug targets and tailor drug effects

March 25

Clinical Roles for Thrombophilia Testing

Mary Cushman, MD, MSc

Professor of Medicine, University of Vermont

Director, Thrombosis and Hemostasis Program, Fletcher Allen Health Care

Educational Objectives:

1. To understand the common and uncommon thrombophilias
2. To review clinical roles for thrombophilia testing

April 1

Easter Monday - No Rounds

April 8

Cardiovascular Disease in Rheumatoid Arthritis

Murray Baron, MD

Professor of Medicine, McGill University

Chief, Division of Rheumatology, Jewish General Hospital

Marie Hudson, MD

Assistant Professor of Medicine, McGill University

Division of Rheumatology, Jewish General Hospital

& Ernesto L. Schiffrin, CM, MD, PhD

Professor and Vice-Chair (Research) Department of Medicine

McGill University

Physician-in-Chief, Department of Medicine, Jewish General Hospital

Educational Objectives:

1. Understand that the rate of cardiovascular disease is substantially increased in rheumatoid arthritis
2. Appreciate the role of traditional cardiovascular risk factors in rheumatoid arthritis

April 15

Allergy Update 2013

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

April 22

Are VRE Control Measures Causing More Harm than Good?

Michael Gardam, MSc, MD, CM, MSc, FRCPC

Assistant Professor, Dalla Lana School of Public Health Sciences, University of Toronto

Director, Infectious Diseases Prevention and Control, Ontario Agency for Health Protection and Promotion

Medical Director, Infection Prevention and Control and Tuberculosis Clinic, University Health Network

Educational Objectives:

1. To review the evidence for and against specific VRE control measures and contrast these with Carbapenemase producing enterobacteriaceae (CPE)

2. To relay the experience of 4 Ontario academic institutions that have stopped VRE control and how we went about making the decision to stop

April 29

Cervical Cancer Screening in the XXI St Century; a Sea Change

Alex Ferenczy, MD

Professor, Departments of Pathology and Gynecology & Obstetric, McGill University
Head, Gynecologic Pathology and Cytopathology, Jewish General Hospital

Educational Objectives:

1. Review the shortcomings of the Pap test
2. Review the performance of molecular-based HPV DNA testing
3. Review the first real world, community-based experience with HPV DNA testing at JGH

May 6

Renal Sympathetic Denervation as a Treatment of Resistant Hypertension

Mark Davis, MSc, MD

Third Year Internal Medicine Resident, McGill University & Jewish General Hospital

Educational Objectives:

1. How does renal denervation work
2. What patients benefit from renal denervation
3. What have the studies to date shown about the effect of renal denervation

II. CAN THE PRESENCE OF ENDOSCOPIC HIGH-RISK STIGMATA BE CONFIDENTLY PREDICTED BEFORE ENDOSCOPY: A MULTIVARIABLE ANALYSIS USING THE RUGBE (CANADIAN REGISTRY ON NONVARICEAL UPPER GI BLEEDING AND ENDOSCOPY) DATABASE

Yen-I. Chen, MD

Chief Medical Resident, McGill University & Jewish General Hospital

Educational Objectives:

1. Review the clinical significance of having high-risk stigmata in nonvariceal upper GI bleeding
2. Present clinical parameters that may predict these lesions prior to endoscopy
3. Discuss the potential impact of predicting high-risk

May 13

Research in Geriatric Oncology: Meeting the Needs of an Aging Population

Arti Hurria, MD

Associate Professor, Department of Medical Oncology & Therapeutics Research
City of Hope, Duarte, CA

Member, Cancer Control and Population Sciences Program, Comprehensive Cancer Center

Educational Objectives:

1. Understand the association between cancer and aging
2. Describe the components of a comprehensive geriatric assessment
3. Describe the utility of performing a geriatric assessment in the oncology population

May 20

No Rounds - Victoria Day

May 27

WHEN NATURE IS THE TRIALIST - INSIGHTS INTO THE PREVENTION OF VALVULAR HEART DISEASE

George Thanassoulis, MD, MSC, FRCPC

Assistant Professor of Medicine

McGill University, McGill University Health Center

Director, Preventive and Genomic Cardiology

FRQ-S Clinician-Scientist

Educational Objectives:

1. To review the risk factors for aortic valve disease
3. To review the discovery of lipoprotein(a) as a potentially modifiable cause of aortic valve disease

June 3

PHENOTYPIC HETEROGENEITY OF POTENTIALLY CURABLE NON-SMALL CELL LUNG CANCER: COHORT STUDY WITH CLUSTER ANALYSIS

Lama Sakr, MD

Assistant Professor of Medicine, McGill University
Division of Pulmonary Medicine, Jewish General Hospital

Educational Objectives:

1. Understand the phenotypic heterogeneity of non-small cell lung cancer, beyond the TNM staging system
2. Present a descriptive statistical tool - cluster analysis- that allows classification of NSCLC patients into distinct phenotypes
3. Describe the clinical relevance of the observed phenotypes, by discussing their differences with regard to outcome (overall and disease-free survival)

June 10

Clinical Ethics Rounds**LET'S TALK ETHICS: WHAT CAN THE JGH ETHICS PROGRAM DO FOR YOU?**

Lucie Wade, MSc (Experimental Medicine, Bioethics)

Clinical Ethicist
Jewish General Hospital

Educational Objectives:

1. Learn how and when to consult the Clinical Ethicist
2. Differentiate between clinical, organizational, and research ethics concerns
3. Identify ethical issues in daily clinical care & clinical and organizational responses
4. Gain further knowledge of ethical issues currently receiving national consideration (e.g., Rasouli)

June 17

COLORECTAL CANCER SCREENING IN QUEBEC: WHERE DO WE STAND IN 2013?

Alan Barkun, MD, CM, FRCP(C), FACP, FACG, FAGA, MSc (Clinical

Epidemiology)

Chairholder, the Douglas G. Kinnear Chair in Gastroenterology, and Professor of Medicine, McGill University
Chief Quality Officer, Division of Gastroenterology, McGill University and the McGill University Health Centre

Educational Objectives:

1. Understand the rationale and anticipated benefits of colorectal cancer screening
2. Describe the advantages and challenges attributable to the different screening methods
3. List the principle indications for a colonoscopy and appreciate the Quebec-wide common triage system that is being implemented
4. Explain to patients in a general way the Quebec colorectal cancer screening program