

10<sup>th</sup> McMaster University Review Course in  
**INTERNAL MEDICINE**  
March 21<sup>st</sup> – March 23<sup>rd</sup>, 2018



## **HAMILTON CONVENTION CENTRE by Carmen's**

1 Summers Lane, Hamilton, ON

### **TARGET AUDIENCE**

General Internists, Subspecialists, ER Physicians, Hospitalists, Community Physicians, Family Physicians  
General Practitioners, Interns, Residents, Physician Assistants, and Nurse Practitioners in Training Programs  
for Internal Medicine and its Subspecialties

**More Information:** McMaster University, Continuing Health Sciences Education

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**[www.mcmasterinternalmedicine.ca](http://www.mcmasterinternalmedicine.ca)**

[www.fhs.mcmaster.ca/conted](http://www.fhs.mcmaster.ca/conted)

## LEARNING OBJECTIVES

**By attending this activity, through a variety of interactive and informative sessions, participants will be able to:**

1. Apply a practical approach to the diagnosis and management of common problems encountered in hospital-based internal medicine practice.
2. Apply a practical approach to the diagnosis and management of common internal medicine problems encountered in the ambulatory care setting.
3. Integrate updates in evidence-based practice to enhance patient care
4. Identify recent advances and controversies in internal medicine.

## DIRECTOR & CHAIR

### Dr. Akbar A. Panju

Boris Family Chair in Medicine  
Professor and Associate Chair  
Department of Medicine  
McMaster University

## CO CHAIRS

### Dr. Paul M. O'Byrne

Dean and Vice-President  
Faculty of Health Sciences  
McMaster University

### Dr. Ally P.H. Prebtani

Professor  
Department of Medicine  
McMaster University

### Dr. Mark Crowther

Professor and Chair  
Department of Medicine  
McMaster University

### Dr. Khalid Azzam

Associate Professor  
Department of Medicine  
McMaster University

## PLANNING COMMITTEE

### Dr. Barry Lumb

Professor  
McMaster University

### Dr. Alistair Ingram

Professor  
McMaster University

### Dr. Lori Whitehead

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McMaster University

### Dr. Ameen Patel

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McMaster University

### Dr. Sharon Marr

Associate Professor  
McMaster University

### Dr. Christian Kraeker

Associate Professor  
McMaster University

### Dr. Mohamed Panju

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### Dr. John Neary

Associate Professor  
McMaster University

### Dr. Rick Tytus

Associate Clinical Professor  
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### Ms. Gail LaForme

Assistant to Dr. Akbar A. Panju  
McMaster University

### Ms. Angela Silla

CHSE Acting Program Manager  
McMaster University

### Ms. Carol Stewart, CMP

CHSE Coordinator  
McMaster University

## DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

In keeping with accreditation guidelines, McMaster University, Continuing Health Sciences Education requires all speakers and planning committee members participating in this activity to disclose any involvement with industry or other organizations that may potentially influence the presentation of the educational materials or program being offered.



Download our mobile apps and get push notification updates about the program!



**DAY 1: Wednesday, March 21<sup>st</sup>, 2018****MORNING SESSION I****Akbar A. Panju, Moderator**07:00 – 08:00 **REGISTRATION & BREAKFAST**

08:00 – 08:10 Welcome and Introductions

**Paul M. O'Byrne and  
Akbar A. Panju**08:10 – 08:30 Preventing a vascular event:  
pharmacologic approach**Salim Yusuf**08:30 – 08:50 Management of Acute Coronary  
Syndrome (ACS) 2018**Shamir Mehta**08:50 – 09:10 Diagnosis and management of  
acute heart failure**Craig Ainsworth**09:10 – 09:30 Indications for pacemaker  
and ICD**Guy Amit**09:30 – 09:50 Diagnosis and management  
of pericarditis**Darryl Leong**09:50 – 10:10 **PANEL DISCUSSION Q&A**10:10 – 10:30 **REFRESHMENT BREAK****MORNING SESSION II****Akbar A. Panju, Moderator**10:30 – 10:50 When to ask for nephrology  
consult (inpatient and outpatient)**Alistair Ingram**10:50 – 11:10 How to prevent kidney damage  
in diabetes**Christian Rabbat**11:10 – 11:30 Evaluation of microscopic  
hematuria**Matthew Miller**11:30 – 11:50 Diagnosis and management of a  
patient with nephrotic syndrome**Michael Walsh**11:50 – 12:10 **PANEL DISCUSSION Q&A**12:10 – 01:00 **LUNCH & STRETCH EXERCISE****AFTERNOON SESSION I****Ally P.H. Prebtani, Moderator**01:00 – 01:20 Update on the management of  
pulmonary hypertension**Nathan Hambly**01:20 – 01:40 Overview of new puffers and  
combination for asthma and COPD  
and their indications**Andrew McIvor**

01:40 – 02:00 Lung cancer screening

**Yaron Shargall**02:00 – 02:20 When to order pulmonary function  
testing and how to interpret them**Gerard Cox**02:20 – 02:40 **PANEL DISCUSSION Q&A**02:40 – 03:00 **REFRESHMENT BREAK****AFTERNOON SESSION II****Ally P.H. Prebtani, Moderator**

03:00 – 03:20 Update on HIV

**Shariq Haider**03:20 – 03:40 Infective endocarditis: current  
prophylaxis and management**Nishma Singhal**03:40 – 04:00 Soft tissue infections  
in a diabetic patient**Cheryl Main**

04:00 – 04:20 Diagnosis and treatment of shock

**Bram Rochwerg**04:20 – 04:40 **PANEL DISCUSSION Q&A****Debate:****Moderator: Akbar A. Panju**04:40 – 05:20 Can Point of Care Ultrasound  
replace stethoscope**Speakers:  
Khalid Azzam and  
Craig Ainsworth**5:30 – 07:30 **RECEPTION &  
10 YEAR CELEBRATION  
(with live entertainment)**

**DAY 2: Thursday, March 22<sup>nd</sup>, 2018****MORNING SESSION I****Khalid Azzam, Moderator**07:00 – 08:00 **REGISTRATION & BREAKFAST**08:05 – 08:25 Choosing from a menu of glucose lowering drugs  
**Hertzel C. Gerstein**08:25 – 08:45 Adrenal incidentaloma  
**Ally Prebtani**08:45 – 09:05 Update on hyperparathyroidism  
**Aliya Khan**09:05 – 09:25 Hypothyroidism  
**Zubin Punthakee**09:25 – 09:45 Polycystic ovarian syndrome  
**Natalia McInnes**09:45 – 10:05 **PANEL DISCUSSION Q&A**10:05 – 10:25 **REFRESHMENT BREAK****MORNING SESSION II****Ameen Patel, Moderator**10:25 – 10:45 Managing opioid dependence and withdrawal in non-cancer pain: applying Canadian Guidelines  
**Mitch Levine**10:45 – 11:05 Polypharmacy in the older adult  
**Justin Lee**11:05 – 11:25 Common drug interactions and errors  
**Anne Holbrook**11:25 – 11:40 Treating hypertension: applying guidelines  
**John Neary**11:45 – 12:05 **PANEL DISCUSSION Q&A**12:05 – 01:00 **LUNCH & STRETCH EXERCISE****AFTERNOON SESSION I****John Neary, Moderator**01:00 – 01:20 Osteoarthritis: recognition and management  
**Alfred Cividino**01:20 – 01:40 Diagnosis and management of gout  
**Rick Adachi**01:40 – 02:00 PMR and temporal arteritis  
**Nader Khalidi**02:00 – 02:20 Biologics in rheumatological disease  
**Mark Matsos**02:20 – 02:40 Management of spinal stenosis  
**Drew Bednar**02:40 – 03:00 **PANEL DISCUSSION Q&A**03:00 – 03:20 **REFRESHMENT BREAK****AFTERNOON SESSION II****Christian Kraeker, Moderator**03:20 – 03:40 How to reverse bleeding in patients on anticoagulation  
**Mark Crowther**03:40 – 04:00 Investigating a patient who bruises/bleeds easily  
**Wendy Lim**04:00 – 04:20 Evaluation and treatment of iron deficiency anemia  
**Michelle Zeller**04:20 – 04:40 Diagnosis and treatment of multiple myeloma  
**Tom Kouroukis**04:40 – 05:00 **PANEL DISCUSSION Q&A**

**DAY 3: Friday, March 23<sup>rd</sup>, 2018****MORNING SESSION I****Mark Crowther, Moderator**

- 07:00 – 08:00     **REGISTRATION & BREAKFAST**
- 08:05 – 08:25     Update on stroke  
**Robert Hart**
- 08:25 – 08:45     Endovascular clot retrieval in severe stroke  
**Brian van Adel**
- 08:45 – 09:05     Frequent mistakes doctors make in anticoagulation in patients with atrial fibrillation  
**Jeff Weitz**
- 09:05 – 09:25     Update on Parkinson's disease  
**Barbara Connolly**
- 09:25 – 09:45     Anti-epileptic medication overview: which drugs to use  
**Joseph Perumpillichira**
- 09:45 – 10:05     **PANEL DISCUSSION Q&A**
- 10:05 – 10:25     **REFRESHMENT BREAK**

**MORNING SESSION II****Lori Whitehead, Moderator**

- 10:25 – 10:45     Update on Delirium  
**Sharon Marr**
- 10:45 – 11:05     Dementia  
**Micheline Gagnon**
- 11:05 – 11:25     Competency and ethical issues in managing older drivers  
**Christopher Patterson**
- 11:25 – 11:45     Diagnosis and managing MI in perioperative period  
**P.J. Devereaux**
- 11:45 – 12:05     **PANEL DISCUSSION Q&A**
- 12:05 – 01:00     **LUNCH & STRETCH EXERCISE**

**AFTERNOON SESSION I****Sharon Marr, Moderator**

- 01:00 – 01:20     Update on GERD and Barrett's esophagus  
**David Armstrong**
- 01:20 – 01:40     Proton Pump Inhibitors – what is the risk?  
**Paul Moayyedi**
- 01:40 – 02:00     Management of cirrhosis  
**Marco Puglia**
- 02:00 – 02:20     Screening for colon cancer  
**Smita Halder**
- 02:20 – 02:40     **PANEL DISCUSSION Q&A**
- 02:40 – 03:00     **REFRESHMENT BREAK**

**AFTERNOON SESSION II****Akbar A. Panju, Moderator**

- 03:00 – 03:20     Having conversations about goals of care during serious illness  
**John You**
- 03:20 – 03:40     Skin manifestations of systemic disease  
**Hermenio Lima**
- 03:40 – 04:00     Allergy testing and desensitization  
**Susan Wasserman**
- 04:00 – 04:30     Keynote address: Opioid Crisis in Canada  
**David Juurlink**
- 04:30 – 04:50     **PANEL DISCUSSION Q&A**
- 04:50             Concluding Remarks  
**Co-Chairs**

**SPEAKERS & MODERATORS AFFILIATIONS:****Salim Yusuf**  
Professor**Hertzel Gerstein**  
Professor**Robert Hart**  
Professor**Shamir Mehta**  
Professor**Ally P.H. Prebtani**  
Professor**Brian van Adel**  
Associate Professor**Craig Ainsworth**  
Assistant Professor**Aliya Khan**  
Clinical Professor**Jeff Weitz**  
Professor**Guy Amit**  
Associate Professor**Zubin Punthakee**  
Associate Professor**Barbara Connolly**  
Assistant Professor**Darryl Leong**  
Assistant Professor**Natalia McInnes**  
Associate Professor**Joseph Perumpillichira**  
Associate Professor**Alistair Ingram**  
Professor**Mitch Levine**  
Professor**Sharon Marr**  
Associate Professor**Christian Rabbat**  
Associate Professor**Justin Lee**  
Clinical Scholar**Micheline Gagnon**  
Professor**Matthew Miller**  
Assistant Professor**Anne Holbrook**  
Professor**Christopher Patterson**  
Professor Emeritus**Michael Walsh**  
Associate Professor**John Neary**  
Associate Professor**P.J. Devereaux**  
Professor**Nathan Hambly**  
Assistant Professor**Alfred Cividino**  
Professor**David Armstrong**  
Professor**Andrew McIvor**  
Professor**Rick Adachi**  
Professor**Paul Moayyedi**  
Professor**Yaron Shargall**  
Professor**Nader Khalidi**  
Associate Professor**Marco Puglia**  
Associate Professor**Gerard Cox**  
Professor**Mark Matsos**  
Associate Professor**Smita Halder**  
Associate Professor**Shariq Haider**  
Professor**Drew Bednar**  
Clinical Professor**John You**  
Associate Professor**Nishma Singhal**  
Associate Professor**Mark Crowther**  
Professor**Hermenio Lima**  
Associate Professor**Cheryl Main**  
Associate Professor**Wendy Lim**  
Associate Professor**Susan Waserman**  
Professor**Bram Rochweg**  
Assistant Professor**Michelle Zeller**  
Assistant Professor**Guest Speaker**  
**David Juurlink**  
Professor**Khalid Azzam**  
Associate Professor**Tom Kouroukis**  
Associate Professor**ACCREDITATION STATEMENTS**

McMaster University, Continuing Health Sciences Education Program (CHSE) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide CFPC Mainpro and RCPSC Maintenance of Certification (MOC) study credits for Continuing Medical Education.

This Group Learning program meets the certification criteria of **The College of Family Physicians of Canada** and has been certified by McMaster University, Continuing Health Sciences Education Program for up to **22.25** Mainpro+ credits.

This activity is 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** and approved by McMaster University, Continuing Health Sciences Education Program for up to **22.25** MOC Section 1 hours.

Through an agreement between **The Royal College of Physicians and Surgeons of Canada** and The American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at: [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme)

Each healthcare provider should claim only those hours of credit that he/she actually spent in the educational activity.

## WEBSITE

[www.mcmasterinternalmedicine.ca](http://www.mcmasterinternalmedicine.ca)

## FOR REGISTRATION INFORMATION

[cmereg@mcmaster.ca](mailto:cmereg@mcmaster.ca)

## REGISTER ONLINE

[www.fhs.mcmaster.ca/conted/register.html](http://www.fhs.mcmaster.ca/conted/register.html)

## REGISTER BY MAIL

Send your completed registration form to:

**McMaster University**  
**Continuing Health Sciences Education (CHSE)**  
 1280 Main St. W., DBHSC, Rm 5004, Hamilton, ON L8S 4K1

## REGISTER IN PERSON

Bring your completed registration form with Visa, MasterCard, AMEX or cash payment to the Continuing Health Sciences Education  
 100 Main Street West, 5th Floor, Room 5004  
 Hamilton, ON L8P 1H6  
 Monday to Friday between the hours of 9:30am – 4:00pm

## REGISTER BY PHONE

Call 905 525-9140 ext. 22671  
 (Visa, MasterCard OR AMEX are accepted)

## REGISTER BY FAX

Fax a completed registration form with a Visa, MasterCard or AMEX number to 905 572-7099

## ACCOMMODATIONS

**Sheraton Hotel**  
 116 King Street West, Hamilton, ON  
 (905) 529-5515 or 1-800-514-7101

**Rate:** \$149.00/night

**Book by:** February 19, 2018

Please quote the "McMaster Review Course in INTERNAL MEDICINE" group rate.

*\*A limited number of rooms have been blocked at the program rate and are available on a first come first-served basis.*

## FOR MORE INFORMATION

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## LIABILITY

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- That may result from the use of technologies, program, products and/or services at this activity.
- That may arise out of, or during this activity.

## CANCELLATION POLICY

The University reserves the right to cancel a course due to insufficient registration or any circumstances that are beyond our control. Cancellations received before **March 7, 2018** will be refunded less a 25% administrative fee to a maximum of \$50.00. No refunds will be issued for cancellations received after this date.

## FROM TORONTO

- Take Hwy 407 West or the QEW West to Hwy 403 Hamilton.
- Exit at Main Street East exit and follow past Bay Street to Summers Lane.
- The Convention Centre is on Summers Lane.

## FROM NIAGARA FALLS, FORT ERIE

- Take QEW West to Hamilton and exit at Burlington Street.
- Turn left at Wellington Street North and right at King Street East.
- The Convention Centre is on Summers Lane just past MacNab Street.

## FROM LONDON, WINDSOR

- Take the 401 East to the 403 East Hamilton.
- Proceed to Main Street East exit in Hamilton and follow it past Bay Street to Summers Lane.
- The Convention Centre is on Summers Lane.



## PARKING LOCATIONS

- |                               |                   |
|-------------------------------|-------------------|
| 1. Hamilton Convention Centre | 6. Library        |
| 2. Hamilton Place             | 7. Eaton Centre   |
| 3. City Hall                  | 8. Jackson Square |
| 4. Sheraton Hotel             | <b>P</b> Parking  |
| 5. Coppes Coliseum            | → One Way Streets |

