Welcome to CDDW™ 2018!
The Canadian Association of Gastroenterology (CAG) is excited to welcome you to Canadian Digestive Diseases Week™ (CDDW™) 2018.

CDDW™ is Canada's premier education, research, and networking event for the field of gastroenterology. Please visit our many exhibitors showcasing their latest products, services and educational materials. Don’t forget to purchase your gala ticket for Sunday’s Great GUTsby 20’s inspired party! Toronto’s high-energy trio “The Betty's” will entertain and get your dancing feet tapping!

NEW for CDDW™ 2018...
• The Network Hall. Join colleagues and partners in our new Network Hall where you can find refreshments, recharge your electronics and access the newest e-learning videos on iPads provided by the CAG.

Relax on comfy couches and quench your thirst for knowledge…or for water! Complimentary CDDW™ metal water bottles are available to delegates throughout Network Hall while supplies last! Fill up at the Sustainable Filtered Water Station.

• CDDW™ Daily News. Each morning during CDDW™ the CAG will highlight the key events of that day.

• Monday has been reserved for the CAG Special Interest Groups (SIGs). Experts from across Canada can have productive, un-interrupted, face-to-face meetings and workshops to advance and improve specialized areas of gastroenterology.

CDDW™ offers both clinical and basic science sessions, including the trademark sessions noted next. Providing quality care has been a focus for this year’s educational topic selection.

Richard D. McKenna Memorial Lecture
Named after the founder of the Association, this prestigious lecture features an international leader in endoscopy and colon cancer screening. Dr. Roland Valori, Gloucester Royal Hospital, UK, will speak about Making a Difference. His lecture will explore the untapped potential for doctors to transform health care in an increasingly challenged and resource-constrained environment. Don’t miss it!

Postgraduate Course: Advances in Gastroenterology and Hepatology
Intended to quickly bring clinicians up-to-date with short updates on advances in selected areas.

Plenary Symposia
Address a variety of timely, basic and clinical science topics.

Breakfast with the Experts & Small Group Sessions
Offer interactive time with leaders in the field in a small group learning format.

Hands-on Skills and Techniques
Six highly interactive training stations: Video Capsule Endoscopy, Stent Insertion, Skills Enhancement for Endoscopy™, Hemostasis, ERCP Cannulation and as requested by you…Polypectomy! Pre-registration required

Enjoy. Learn. Interact and network! Please remember to complete your evaluations so we can ensure CDDW™ 2019 in Banff, is an even better educational experience!

Download the CDDW2018 app and follow us on Facebook and Twitter (@cddwcanada) and use the hashtag #CDDW2018
All core sessions of CDDW™ will be held at the Fairmont Royal York.
Registration Desk hours – Main Foyer, Conference Level
Thursday, February 8 15h30-18h00
Friday, February 9 07h00-18h00
Saturday, February 10 07h00-18h00
Sunday, February 11 07h30-18h30

NETWORK HALL HOURS
Network Hall is located in the Canadian Room and will be open as follows:
Friday, February 9 09h00-18h30
Saturday, February 10 10h00-15h30
Sunday, February 11 10h030-15h30

SPAKER READY ROOM
Please note that all speakers are asked to present themselves at the Speaker Ready Room, Toronto Room, at least four hours before their presentation.

Speaker Ready Room Hours
February 8 15h30-18h00
February 9 07h00-18h00
February 10 07h00-18h00
February 11 07h30-15h00

NO presentation preparation/loading for plenary sessions will be permitted to take place in rooms Ballroom, Concert Hall, Ontario or Territories. Breakfast and small group presentations may be loaded in those rooms.

CDDW™ IMPLEMENTATION COMMITTEE
Chair
Nicola Jones, CAG President Elect
Committee
David Armstrong, CAG President
Kevin Waschke, Education
Bruce Vallance, Research
Elena Verdu, Finance
Paul Sinclair, Executive Director

GRIT Course
Geoff Williams, Robert Berger

Scholars' Program
Herbert Brill, Steven Gruchy

Research Topics in GI Disease
Carla Coffin, Premysl Bercik

CDDW™ Implementation Committee Conflict of Interest Disclosure
The following members of the Implementation Committee have indicated that they do have potential conflicts of interest to disclose:
Armstrong, David: Canadian Partnership Against Cancer (Consultant); AbbVie (Research Support, Company Advisory Board, Speaker’s Bureau, Other); Allergan (Company Advisory Board, Other); Ferring (Other); Janssen (Company Advisory Board, Other); Lupin (Company Advisory Board, Other); Penodor (Company Advisory Board, Consultant, Research Support, Other); Pentax (Company Advisory Board, Research Support, Speaker’s Bureau, Consultant); Pfizer (Company Advisory Board, Consultant); Shire (Speaker’s Bureau, Company Advisory Board); Takeda (Speaker’s Bureau, Consultant, Company Advisory Board); Mylan (Speaker’s Bureau)
Vallance, Bruce: Qu Biologics (Research Support)
Verdu, Elena: Nestle Research Center (Research Support); Biocodex (Company Advisory Board); Inovate (Consultant)

The following members of the Implementation Committee have indicated that they do not have potential conflicts of interest to disclose:
Jones, Nicola
Waschke, Kevin

The Great GUTsby – Sunday February 11
Don your fedora, shake your feathers, and join us for a night of dancing, with Toronto's own, The Betty's. Join fellow Flappers and Goon's for Giggle water and grub. It's gunna be a Gas!
Dress Code, time period cocktail attire encouraged, but not mandatory. Reception dinner & drink tickets included.

Tickets: $100.00 CAD, plus tax.

CanMEDS ROLES
CanMEDS is a framework that identifies and describes the abilities physicians require to effectively meet the health care needs of the people they serve. These abilities are grouped thematically under seven roles: Medical Expert (the integrating role), Communicator, Collaborator, Leader, Health Advocate, Scholar and Professional. The CDDW™ program will include all CanMEDS roles which will also be identified at the beginning of each session. For more information on these newly revised definitions, visit:
http://www.royalcollege.ca/rcsite/canmeds/canmeds-framework-e

ACCRREDITATION
CDDW™ is accredited as a group learning activity (Section 1) as defined by the Maintenance of Certification (MOC) Program of the Royal College of Physicians and Surgeons of Canada (RCPSC) (as the conference overall includes at least 25% interactive time). Financial support for sessions, as indicated within the program, is through educational grants.

Live educational activities, occurring in Canada, recognized by the RCPSC as Accredited Group Learning Activities (Section 1) are deemed by the European Union of Medical Specialists eligible for ECMEC credits.

Through an agreement between the RCPSC and the American Medical Association (AMA), physicians may convert RCPSC MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert RCPSC MOC credit to AMA credit can be found at https://www.ama-assn.org/education/agreement-royal-college-physicians-surgeons-canada

ACRONYMS
AGM annual general meeting
CCC Crohn’s and Colitis Canada
CGNN Canadian Gastroenterology Nutrition Network
CNN Canadian Neurogastroenterology Network
DAA direct-acting antiviral
GI gastrointestinal
IBD inflammatory bowel disease
IBS irritable bowel syndrome
IMAGINE Inflammation, Microbiome & Alimentation Gastro-Intestinal & Neuropsychiatric Effects
NOACS new oral anticoagulants
POEM Peroral Endoscopic Myotomy
PPI proton-pump inhibitors
SPOR Strategy for Patient Oriented Research

The 2018 CDDW™ is endorsed by the American College of Gastroenterology. Faculty who are Fellows or Masters are identified throughout the program by the * symbol
# Practitioners and Scientific Programs

## COMBINED PROGRAM-AT-A-GLANCE

### CDDW™ – PROGRAM AT A GLANCE

<table>
<thead>
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<th>Start</th>
<th>FRIDAY February 9</th>
<th>SATURDAY February 10</th>
<th>SUNDAY February 11</th>
<th>MONDAY February 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>08h30</td>
<td>CAG Selected Clinical Presentations</td>
<td>Immunebiology and GI Disease</td>
<td>Food Allergy / Intolerance: A practical approach to diagnosis</td>
<td>Pain Management in GI Opioids: More or Less?</td>
</tr>
<tr>
<td>08h45</td>
<td>Nutrition Break</td>
<td>Autoimmune Hepatobiliary Disease</td>
<td>BID</td>
<td>Cystic Fibrosis for the GI Community</td>
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<tr>
<td>09h00</td>
<td>CAG/GCC Student Prize Paper Presentations</td>
<td>Gastroenterology Care across Canada</td>
<td>Pan Management in GI Opioids: More or Less?</td>
<td>Constipation: update on Pathophysiology, Diagnosis, and Management</td>
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<tr>
<td>09h30</td>
<td>Hand-on Skills and Techniques</td>
<td>Nutrition Break</td>
<td>NAFLD</td>
<td>CNN Annual Meeting (by invitation only) 09h00-10h30</td>
</tr>
<tr>
<td>10h15</td>
<td>Post Grad Course: Case-based Problems</td>
<td>Small Group Sessions</td>
<td>NAFLD</td>
<td>CAGN (by invitation only) 09h00-10h30</td>
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<tr>
<td>10h45</td>
<td>Novel Immuno-therapies for IBD</td>
<td>Small Group Sessions</td>
<td>NAFLD</td>
<td>IMAGINE Nework Update (open to CAG members) 09h00-10h30</td>
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<tr>
<td>11h15</td>
<td>Lunch (12h00-12h30)</td>
<td>Small Group Sessions</td>
<td>Endoscopy Quality Symposium 2018 (by invitation only) 08h30-17h00</td>
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<tr>
<td>11h45</td>
<td>CAGAGM</td>
<td>Small Group Sessions</td>
<td>Monday 08h30-17h00</td>
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<tr>
<td>12h15</td>
<td>Nutritional Break</td>
<td>Small Group Sessions</td>
<td>Tuesday 09h00-12h00</td>
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<tr>
<td>12h45</td>
<td>Gut Microbes, Nutrition and Cancer</td>
<td>Small Group Sessions</td>
<td>Wednesday 08h30-17h00</td>
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<tr>
<td>13h15</td>
<td>Post Grad Course: Functional Disorders</td>
<td>Small Group Sessions</td>
<td>Thursday 08h30-17h00</td>
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<tr>
<td>13h45</td>
<td>Nutrition Break</td>
<td>Small Group Sessions</td>
<td>Friday 08h30-17h00</td>
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<td>14h15</td>
<td>CAG AGM</td>
<td>Small Group Sessions</td>
<td>Saturday 08h30-17h00</td>
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<tr>
<td>14h45</td>
<td>McKenna Reception</td>
<td>Small Group Sessions</td>
<td>Sunday 08h30-17h00</td>
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<tr>
<td>15h15</td>
<td>CDDW™ Opening Reception</td>
<td>Small Group Sessions</td>
<td>Monday 08h30-17h00</td>
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<tr>
<td>15h45</td>
<td>R. D. McKenna Memorial Lecture</td>
<td>Small Group Sessions</td>
<td>Tuesday 08h30-17h00</td>
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<tr>
<td>16h15</td>
<td>Trainee Mixer</td>
<td>Small Group Sessions</td>
<td>Wednesday 08h30-17h00</td>
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<tr>
<td>16h45</td>
<td>Poster Session 1</td>
<td>Small Group Sessions</td>
<td>Thursday 08h30-17h00</td>
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<tr>
<td>17h15</td>
<td>Gala Evening (20h00-23h45)</td>
<td>Small Group Sessions</td>
<td>Friday 08h30-17h00</td>
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### CAG Special Interest Groups

- Immunebiology and GI Disease
- Autoimmune Hepatobiliary Disease
- Management of IBD in 2018
- Novel Immuno-therapies for IBD
- Gastroenterology Care across Canada
- Endoscopy in 2018
- BID
- NAFLD
- Pain Management in GI Opioids: More or Less?
- Constipation: update on Pathophysiology, Diagnosis, and Management
- CNN Annual Meeting (by invitation only)
- IMAGINE Nework Update (open to CAG members)
- Endoscopy Quality Symposium 2018 (by invitation only)
- McKenna Reception
- R. D. McKenna Memorial Lecture
- Poster Session 1
- Gala Evening (20h00-23h45)
OVERALL LEARNING OBJECTIVES FOR CDDW™ 2018

At the end of the conference delegates will be able to:

1. Identify evolving new areas of clinical and basic research in gastroenterology and hepatology.
2. Affirm through evaluation of the evidence that knowledge and management strategies are current.
3. Formulate management strategies for patients with gastrointestinal, including liver, disease.
4. Compare and contrast a wide variety of therapeutic approaches in the care of patients with gastrointestinal, including liver, disease.
5. Recognize the importance of quality measures and patient safety initiatives in clinical and endoscopic practice.
6. Interact with colleagues to foster a community of practice.

These learning objectives also apply to all lectures/poster sessions at CDDW™ 2018 that do not list individual objectives.

POSTGRADUATE COURSE

Specialists may be defined by their knowledge of the leading edge issues in gastroenterology and hepatology. The Postgraduate Course is intended to bring you up to date on developments in selected areas and get you ready for the challenges of 2018.

<table>
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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08h00-09h30</td>
<td>POSTGRADUATE COURSE: Ontario</td>
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<tr>
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<td>Acute Care/Emergencies</td>
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<td>Learning Objectives:</td>
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<tr>
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<td>At the end of this session participants will be able to:</td>
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<tr>
<td></td>
<td>1. Evaluate and manage patients with acute pancreatitis;</td>
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<td>2. Evaluate and manage patients with portal hypertension;</td>
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<td>3. Evaluate and manage patients with liver failure.</td>
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<td>Co-Chairs: Waleed Alhazzani, McMaster University and Constantine Karvellas, University of Alberta</td>
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<tr>
<td></td>
<td>Acute Pancreatitis</td>
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<td>Waleed Alhazzani, McMaster University</td>
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<td>Variceal Bleeding</td>
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<td>Ram Subramanian, Emory University</td>
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<td>Liver Failure</td>
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<td>Constantine Karvellas, University of Alberta</td>
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<td>~ CAG co-developed this program with Pfizer Canada Inc. to achieve scientific integrity, objectivity, and balance ~</td>
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<tr>
<td>08h00-09h30</td>
<td>†CAG Selected Clinical Presentations</td>
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<td>Concert Hall</td>
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<td>Learning Objectives:</td>
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<td>At the end of this session participants will be able to:</td>
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<tr>
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<td>1. Explore innovations in the clinical care of patients with complex gastrointestinal disease;</td>
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<td>2. Evaluate new information related to advances in the treatment of gastrointestinal diseases;</td>
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<td>3. Recognize new directions in research into the management and care of patients with gastrointestinal illness.</td>
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<td>Co-Chairs: Grigorios Leontiadis, McMaster University and Laura Targownik, University of Manitoba</td>
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<td></td>
<td>Markers of activated inflammatory cells are associated with non-alcoholic fatty liver disease and intestinal microbiota</td>
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<tr>
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<td>(Abstract 1)</td>
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<td></td>
<td>K. Schwenger1, L. Chin2, A. Chelliah3, H. Da Silva4, A. teterina5, E. Comelli6, A. Taibi7, B. Arendt8, S. Fischer9, J. Allard10</td>
</tr>
<tr>
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<td>1University of Toronto, Toronto, ON, Canada; 2Department of Pathology and Molecular Medicine, Kingston, ON, Canada; 3Department of Pathology, Cork, Ireland; 4Sunnybrook Health Sciences Center, Toronto, ON, Canada; 5Toronto General Hospital, Toronto, ON, Canada</td>
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<td>Gathering and assessing evidence to inform a guideline on screening for colorectal cancer in individuals with a family history (Abstract 2)</td>
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</tbody>
</table>

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
Colorectal cancer deaths while awaiting gastroenterology consultation at a Canadian academic centre (Abstract 3)

D. Motomura, T. Kulai, S. Williams

Dalhousie University, Halifax, NS, Canada

Peroral endoscopic myotomy is effective and safe in non-achalasia esophageal motility disorders: an international multicenter study (Abstract 4)


1Johns Hopkins Medical Institutions, Baltimore, MD; 2McGill University, Montreal, QC, Canada; 3Università Cattolica del Sacro Cuore, Rome, Italy; 4University of Florida, Gainesville, FL; 5CHA Bundang Medical Center, Seongnam, Korea (the Republic of); 6NorthShore University Health System, Evanston, IL; 7Erasme University Hospital, Bruxelles, Belgium; 8Surat Institute of Digestive Sciences, Surat, India; 9University of South Florida Morsani College of Medicine, Tampa, FL; 10Complejo Hospitalario de Navarra, Pamplona, Spain; 11Kings College Hospital NHS Foundation Trust, London, United Kingdom; 12University Hospitals Cleveland Medical Center, Cleveland, OH

First-onset psychiatric disorders in pregnant and post-partum women with inflammatory bowel disease in Ontario, Canada: a population-based study (Abstract 5)

S.N. Vigod1, P. Kurdyak1, H.K. Brown1, G.C. Nguyen1, L. Targownik2, C. Seow3, E.I. Benchimol4

1University of Toronto, Toronto, ON, Canada; 2University of Manitoba, Winnipeg, MB, Canada; 3University of Calgary, Calgary, AB, Canada; 4University of Ottawa, Ottawa, ON, Canada

High serum IgG4 is associated with a shorter time to cirrhosis development, hepatic decompensation, and liver transplantation in patients with primary sclerosing cholangitis (Abstract 6)

L. Du1, A.J. Montano-Loza2, F. Peerani2

1University of Toronto, Toronto, ON, Canada; 2University of Alberta, Edmonton, AB, Canada

Canadian Hall

09h30-10h00 Nutrition Break (Network Hall)

10h00-11h30 POSTGRADUATE COURSE

Advancing Care

Learning Objectives:
At the end of this session participants will be able to:
1. Understand and implement the PDSA cycle in their practice;
2. Understand the training principles in pediatric endoscopy;
3. Understand and implement the IBD GRS in their practice.

Co-Chairs: Avantika Marwaha, GI Health Centre and Paul Moayyedi*, McMaster University

- PDSA Cycle
  John Anderson, Gloucestershire Hospitals NHS Foundation Trust

- Pediatric Endoscopy
  Catharine Walsh, University of Toronto

- IBD GRS
  Vipul Jairath, Western University

~ CAG co-developed this program with Pfizer Canada Inc. to achieve scientific integrity, objectivity, and balance ~
FRIDAY FEBRUARY 9

10h00-11h30  CAG/CROHN’S AND COLITIS CANADA  Ballroom
STUDENT PRIZE PAPER PRESENTATIONS

Learning Objectives:
At the end of this session participants will be able to:
1. Explore innovations in the clinical care of patients with complex gastrointestinal disease;
2. Evaluate new information related to advances in the treatment of gastrointestinal diseases;
3. Recognize new directions in research into the management and care of patients with gastrointestinal illness.

Co-Chairs: Kate Lee, Crohn’s and Colitis Canada (CCC) and Bruce Vallance, University of British Columbia

CAG Student Prize
- The role of protease-activated receptor-2 in giardia induced disruptions of the intestinal mucus layer (Abstract 7)
  E. Fekele, C.B. Amat, T. Allain, M. Saiffeddine, M. Hollenberg, K. Chadee, A. Buret
  University of Calgary, Calgary, AB, Canada

CAG Student Prize
- Influence of maternal ssri exposure on the development of the enteric nervous system (Abstract 8)
  McMaster University, Hamilton, ON, Canada

CCC Student Prize
- Mucus barrier integrity is impaired by a dysfunctional mesenchyme (Abstract 9)
  Université de Sherbrooke, Sherbrooke, QC, Canada

CCC Student Prize
- Core-1 derived o-glycosylation of the mucin muc2 plays a key role in host defense against enteric citrobacter rodentium infection (Abstract 10)
  L.S. Celiberto2, J.Y. Chan2, H.T. Law2, K. Bhullar2, L. Xia3, D.C. Cavallini4, B. Vallance1
  1BC Children’s Hospital, Vancouver, BC, Canada; 2University of British Columbia, Vancouver, BC, Canada;
  3Oklahoma Medical Research Foundation, Oklahoma, OK; 4Sao Paulo State University, Araraquara, Sao Paulo, Brazil

Honourable Mention
- Immunoglobulin G as a novel selective marker for the identification of intestinal pathobionts in paediatric inflammatory bowel diseases (Abstract 11)
  H.Q. Huynh, L.A. Dieleman, E. Wine
  University of Alberta, Edmonton, AB, Canada

Honourable Mention
- Intestinal trefoil factor (ITF) plays critical roles in innate protection against, and recovery from, clostridium difficile colitis (Abstract 12)
  H. Tang, Y. Li, J. Nguyen, J.A. MacDonald, X. Gui, P. Beck
  University of Calgary, Calgary, AB, Canada

10h00-11h30  HANDS-ON SKILLS AND TECHNIQUES  Territories

Learning Objectives:
At the end of this session participants will be able to:
1. Appreciate the role of conscious competence in enabling the acquisition and enhancement of endoscopic skills;
2. Understand the relevance of a standardized approach to lesion recognition and characterization in making endoscopic diagnoses;
3. Appreciate the importance of planning and preparation in performing endoscopic interventions safely and effectively.

This practical and highly interactive session will provide hands-on training, using animal parts, for a limited number of delegates as they rotate through two of six possible stations (stations selected by delegates at pre-registration).

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
FRIDAY FEBRUARY 9

**Video Capsule Endoscopy**
Robert Enns, University of British Columbia

**Stenting**
Lawrence Hookey, Queen’s University

**SEE™**
Donald MacIntosh, Dalhousie University
~ CAG co-developed this station with Olympus Canada Inc. to achieve scientific integrity, objectivity, and balance ~

**Polypectomy**
Alaa Rostom, University of Ottawa
~ CAG co-developed this station with Olympus Canada Inc. to achieve scientific integrity, objectivity, and balance ~

**Hemostasis**
Kevin Waschke, McGill University
~ CAG co-developed this station with PENTAX Medical to achieve scientific integrity, objectivity, and balance ~

**ERCP Cannulation**
Charles Ménard, Université de Sherbrooke
~ CAG co-developed this station with PENTAX Medical to achieve scientific integrity, objectivity, and balance ~

11h30-12h30
Lunch (Network Hall)

12h30-14h30
POSTGRADUATE COURSE

**Case-based Problems**

**Learning Objectives:**
At the end of this session participants will be able to:
1. Evaluate and manage patients with complex IBD;
2. Evaluate and manage the approach for colon cancer screening;
3. Evaluate and manage patients with liver disease.

Co-Chairs: Leanna McKenzie, University of Calgary and Jennifer Telford, University of British Columbia

- A Complex IBD Case
  Mary Zachos, McMaster University
- Case-based Liver Problems
  Alnoor Ramji, University of British Columbia
- Colon Cancer Screening
  Harminder Singh*, University of Manitoba

~ CAG co-developed this program with Pfizer Canada Inc. to achieve scientific integrity, objectivity, and balance ~

12h30-14h30
†SYMPOSIUM:

**Novel Immunotherapies for IBD**

**Learning Objectives:**
At the end of this session participants will be able to:
1. Understand structure/function of pMHC-based nanomedicines, a new class of drugs for the treatment of autoimmune disease;
2. Understand the use of whole exome sequencing for diagnosing and treating IBD patients;
3. Understand the evaluation of agents for anti-inflammatory properties in vitro and with IBD mouse models.

Co-Chairs: Derek McKay, University of Calgary and Lisa Osborne, University of British Columbia

- Harnessing Gut Microbial Immunity to Build pMHC-based Nanomedicines for IBD

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
Pere Santamaria, University of Calgary

- Using Genetics to Better Treat IBD – Precision Medicine in IBD
  Aleixo Muise, University of Toronto

- A Modified Bacterial Toxin as a Novel Oral Therapy for IBD
  Elizabeth Norton, Tulane School of Medicine

- Whole exome sequencing of over 1000 pediatric IBD patients from a single centre identifies monogenic forms of IBD. (Abstract 13)
  E. Crowley², N. Warner², K. Fiedler², R. Murchie², P. Church², T.D. Walters², A. Griffiths², A. Muise¹
  ¹University of Toronto, Toronto, ON, Canada; ²Hospital for Sick Children - Sickkids, Toronto, ON, Canada

- Activation of stromal cell-expressed NOD2 modulates systemic dendritic cell function via the production of GM-CSF (Abstract 14)
  D. Prescott, D. Philpott, S. Girardin
  University of Toronto, Toronto, ON, Canada

14h30-15h00 Nutrition Break (Network Hall)

15h00-16h30 POSTGRADUATE COURSE

**Functional Disorders**

**Learning Objectives:**
At the end of this session participants will be able to:

1. Describe the pathophysiologic targets of various pharmacologic and non-pharmacologic management options for functional GI disorders, recognize new and future management options for functional GI disorders;
2. Understand pathophysiology of dyspepsia, assess symptoms and appropriate testing in patients with dyspepsia, review important differential diagnosis of nausea and vomiting through case studies, apply algorithm for management of dyspepsia.

Co-Chairs: Peggy Marcon, University of Toronto and William Paterson, Queen's University

- IBS
  William Chey*, University of Michigan

- Dyspepsia
  Michael Camilleri*, Mayo Clinic

- Treatment Advances
  Adriana Lazarescu, University of Alberta

~ CAG co-developed this program with Pfizer Canada Inc. to achieve scientific integrity, objectivity, and balance ~

15h00-16h30 †SYMPOSIUM:

**Gut Microbes, Nutrition and Cancer**

**Learning Objectives:**
At the end of this session participants will be able to describe the influence of diet on colon microbiota, explain how changes in microbiota influences the fecal and human metabolome, and describe how alterations in microbial metabolism influences colonocyte gene expression and disease promotion.

Co-Chairs: François Boudreau, Université de Sherbrooke and Deanna Gibson, University of British Columbia

- Diet Influence on the Microbiome
  Nancy Turner, Texas A&M University

- Nutrition and Colorectal Cancer
  Young-In Kim, University of Toronto

- Gut Microbes, Nutrition, and Cancer
  Samuel Asfaha, University of Western Ontario

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
FRIDAY FEBRUARY 9

16h30-17h30  CAG ANNUAL GENERAL MEETING
CAG ANNUAL GENERAL MEETING

17h30-18h30  CDDW™ OPENING RECEPTION
CDDW™ OPENING RECEPTION

18h30-19h30  TRAINEE MIXER
TRAINEE MIXER

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- Vitamin D deficiency promotes intestinal autophagy dysfunction via epigenetic regulation involving MIR142-3p in vitro and in vivo (Abstract 15)
  
  
  University of Toronto, Toronto, ON, Canada

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* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08h00-09h00</td>
<td>BREAKFAST WITH THE EXPERTS</td>
<td>Saskatchewan</td>
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<td></td>
<td><strong>Approach to Chronic Diarrhea (non-IBD)</strong></td>
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<td><strong>Learning Objectives:</strong></td>
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<td>At the end of this session participants will be able to:</td>
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<td></td>
<td>1. Recognize common and rare etiologies of chronic diarrhea not related to IBD in children and adults;</td>
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<td></td>
<td>2. Identify the appropriate testing algorithm for atypical chronic diarrhea cases and infantile diarrhea while investigating chronic diarrhea.</td>
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<td><strong>Speakers:</strong> Yaron Avitzur, University of Toronto and Sophie Plamondon, Université de Sherbrooke</td>
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<td><strong>Please note that pre-registration is required to gain admittance to Breakfast with the Experts</strong></td>
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<td>08h00-09h00</td>
<td>BREAKFAST WITH THE EXPERTS</td>
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<td><strong>Food Allergy/Intolerance: A practical approach to diagnosis</strong></td>
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<td><strong>Learning Objectives:</strong></td>
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<td>At the end of this session participants will be able to evaluate and manage patients with food allergy/intolerance.</td>
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<td><strong>Speakers:</strong> Donald Duerksen, University of Manitoba and Julia Upton, University of Toronto</td>
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<td>08h00-09h00</td>
<td>BREAKFAST WITH THE EXPERTS</td>
<td>New Brunswick</td>
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<td></td>
<td><strong>IBD (Crohn's Disease Guidelines, Treatment Advances, Targets of Care)</strong></td>
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<td><strong>Learning Objectives:</strong></td>
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<td>At the end of this session, participants will be able to:</td>
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<td>1. Identify the major findings of the Toronto Consensus for the Management of Luminal and Fistulizing Crohn's Disease;</td>
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<td>2. Recognize the significant advances in the management of Crohn's disease;</td>
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<td>3. Describe the targets of care in the management of a patient with Crohn's disease.</td>
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<td><strong>Speakers:</strong> Remo Panaccione, University of Calgary and Cynthia Seow, University of Calgary</td>
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<td><strong>~ CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity, and balance ~</strong></td>
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<td>08h00-09h00</td>
<td>BREAKFAST WITH THE EXPERTS</td>
<td>Nova Scotia</td>
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<td><strong>Anticoagulation/Novel Oral Anticoagulants (NOACS) and Reversal</strong></td>
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<td>At the end of this session, participants will be able to evaluate and manage patients taking anticoagulants/NOACS in regard to GI disease and endoscopy.</td>
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<td><strong>Speakers:</strong> Deborah Siegal, McMaster University and Brian Yan, Western University</td>
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<tr>
<td>08h30-10h30</td>
<td>†SYMPOSIUM:</td>
<td>Ballroom</td>
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<td></td>
<td><strong>Immunometabolism and Gastrointestinal Disease</strong></td>
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<td><strong>Learning Objectives:</strong></td>
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<td>At the end of this session participants will be able to:</td>
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<td>1. Recognize immune-epithelial interactions during GI polyposis;</td>
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<td>2. Describe genetic contributions that influence tumor growth;</td>
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<td>3. Discuss how obesity affects the intestinal immune system to control whole body glucose homeostasis;</td>
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<td>4. Explain how dietary lipids affect immunometabolism and alter host-microbe interactions in the gut.</td>
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</table>
Co-Chairs: Samantha Gruenheid, McGill University and Laura Sly, University of British Columbia

- Immunometabolism and Gastrointestinal Disease
  Deanna Gibson, University of British Columbia

- The Intestinal Adaptive Immune System in Obesity Related Insulin Resistance: A potential new therapeutic target
  Daniel Winer, University of Toronto

- Metabolic Adaptions in Cancer: Novel mechanisms of LKB1-mediated tumor suppression
  Esther Aguilar, McGill University

- Following an anti-inflammatory diet prevents increases of fecal calprotectin and alters metabolomic profile of ulcerative colitis patients, a randomized controlled trial (Abstract 16)
  University of Alberta, Edmonton, AB, Canada

- Dietary modulation of the immune response to citrobacter rodentium (Abstract 17)
  M. Yousefi1, D. Pepin2, E. Kang1, L. Zhu1, B. Willing2, S. Gruenheid1
  1McGill University, Montreal, QC, Canada; 2University of Alberta, Edmonton, AB, Canada

09h00-10h30 SYMPOSIUM
Autoimmune Hepatobiliary Disease
Ontario

Learning Objectives:
At the end of this session participants will be able to:
1. Review the natural history of PSC in pediatrics;
2. Review markers of severity in pediatric PSC.

Co-Chairs: Gideon Hirschfield, University of Birmingham and Carolina Jimenez-Rivera, University of Ottawa

- Pediatric Primary Sclerosing Cholangitis
  Pamela Valentino, Yale University

- Autoimmune Hepatobiliary Disease
  Gideon Hirschfield, University of Birmingham

- Post-transplant Issues
  Aliya Gulamhusein, University of Toronto

09h00-10h30 SYMPOSIUM
Gastroenterology Care Across Canada
Concert Hall

Learning Objectives:
At the end of this session participants will be able to:
1. Review and explore the potential for virtual care in gastroenterology;
2. Understand differences in access to GI care among different populations.

Co-Chairs: Charles Bernstein*, University of Manitoba and Peter Rossos, University of Toronto

- The Difficult Patient (strategies for the non-adherent)
  Charles Bernstein*, University of Manitoba

- At-risk Population (underserved) GI Patients
  Desmond Leddin, Dalhousie University

- Remote Care (Telehealth)
  Peter Rossos, University of Toronto

10h30-11h00 Nutrition Break (Network Hall)
Canadian

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
11h00-11h40
SMALL GROUP SESSIONS (See details on pages 24-29)
SEE™ (Skills Enhancement for Endoscopy™): Practical tips
(CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance)
Prince Edward Island
SEE™: Practical tips
New Brunswick
Colonic Endoscopic Mucosal Resection
(CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance)
Saskatchewan
High Resolution Esophageal Manometry
(CAG co-developed this program with Medtronic to achieve scientific integrity, objectivity and balance)
Algonquin
How to Get your Manuscripts Accepted for Publication
Nova Scotia
Gastric Cases: Polyps and surveillance for gastric intestinal metaplasia
York
Millennial Learners
Library
Pediatric Liver Disease Cases
British Columbia
Intestinal Fibrosis
Manitoba
IBD and Liver Disease
Quebec
Management of Portal Hypertension
Territories

Please note that pre-registration is required to gain admittance to Small Group Sessions

11h40-11h50
Break

11h50-12h30
SMALL GROUP SESSIONS (See pages 24-29)
SEE™: Practical tips
Prince Edward Island
SEE™: Practical tips
New Brunswick
Eosinophilic Esophagitis
Saskatchewan
Peroral Endoscopic Myotomy
Algonquin
Working in Suboptimal Conditions: Keeping you and your patients out of trouble
Nova Scotia
Using IBD Scoring Systems
York
Implementing Quality in Your Practice
Library
Malnutrition in Pediatric In-Patients
British Columbia
Transjugular Intrahepatic Portosystemic Shunt (TIPS)
Quebec
When to Refer for Transplant
Territories

Please note that pre-registration is required to gain admittance to Small Group Sessions

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
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<tr>
<td>12h30-13h30</td>
<td>Lunch (Network Hall)</td>
<td>Canadian</td>
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| 13h30-15h00 | SYMPOSIUM  
What's New in Viral Hepatitis                     | Ontario    |
|         | Learning Objectives:                                                   |            |
|         | At the end of this session participants will be able to:               |            |
|         | 1. Distinguish hepatitis C genotypes and their treatments;            |            |
|         | 2. Discuss treatment of DAA failures;                                 |            |
|         | 3. Describe the evaluation of hepatitis C patients prior to treatment;|            |
|         | 4. Describe the process of hepatitis C medication acquisition.        |            |
|         | Co-Chairs: David Bernstein*, Hofstra Northwell School of Medicine and Karen Murray, Seattle Children's Hospital |            |
|         | • What's New in Hepatitis B                                           |            |
|         |  Mitchell Shiffman*, Bon Secours Liver Institute of Virginia          |            |
|         | • Update on the Treatments of Hepatitis C and Access to Care         |            |
|         |  David Bernstein*, Hofstra Northwell School of Medicine               |            |
|         | • Viral Hepatitis: Hepatitis B and C in Children                      |            |
|         |  Karen Murray, Seattle Children's Hospital                           |            |
| 13h30-15h00 | SYMPOSIUM  
Bench to Bedside                                           | Concert Hall |
|         | Learning Objectives:                                                   |            |
|         | At the end of this session participants will be able to:               |            |
|         | 1. Understand the importance of taking a bench to bedside approach in health care; |            |
|         | 2. Understand the IMAGINE-SPOR initiative network and how research translates from bench to bedside regarding IBD and IBS. |            |
|         | Co-Chairs: Nathalie Perreault, Université de Sherbrooke and Johan Van Limbergen, Dalhousie University |            |
|         | • Microbiome-informed Induction of Remission in Pediatric IBD         |            |
|         |  Johan Van Limbergen, Dalhousie University                            |            |
|         | • IMAGINE-SPOR                                                        |            |
|         |  Paul Moayyedi*, McMaster University                                 |            |
|         | • Early Onset Genes to Treatment                                      |            |
|         |  Aleixo Muise, University of Toronto                                  |            |
| 13h30-15h00 | WORKSHOP  
Career Development                                      | Ballroom   |
|         | Learning Objectives:                                                   |            |
|         | At the end of this session participants will be able to:               |            |
|         | 1. Describe a variety of career paths that exist both within and outside of academia; |            |
|         | 2. Identify the elements of a desirable post-doctoral fellowship, and the necessary steps to obtain such a position; |            |
|         | 3. Recognize and be able to develop marketable skills outside of those typically used in the lab. |            |
|         | Co-Chairs: Jean-Eric Ghia, University of Manitoba and Michael Laffin, University of Alberta |            |
|         | • Career Planning from the Trainee Perspective                         |            |
|         |  Michael Laffin, University of Alberta                                 |            |
|         | • Career Development                                                  |            |
|         |  Gervais Tougas, Novartis Pharma AG                                    |            |
|         | • Career and Development: Researcher and Social Media                  |            |
|         |  Jean-Eric Ghia, University of Manitoba                               |            |

* American College of Gastroenterology Fellow or Master  
† Session includes oral presentations of key abstracts
15h00-15h30 Nutrition Break (Network Hall)  

15h30-17h00 †SYMPOSIUM  
**Neural Mechanisms of Pain in Gastrointestinal Disease**  

**Learning Objectives:**  
At the end of this session participants will be able to understand the:  
1. Mechanisms of peripheral pain signaling from the GI tract in animal models of IBS and IBD;  
3. Mechanisms underlying the dynamic interplay between central and peripheral mechanisms regulating nociceptive signaling from the intestine.

Co-Chairs: Michael Beyak, Queen’s University and Keith Sharkey, University of Calgary

- Treatment of Chronic Pain from a Psychiatric Perspective  
  Eva Szigethy*, University of Pittsburgh  

- Peripheral Contributions to Visceral Pain  
  Yasmin Nasser, University of Calgary  

- Central and Peripheral Contributors to Visceral Pain  
  Steven Vanner, Queen’s University  

- Dietary antigen re-challenge increases nociceptive neuron excitability in a post-infectious IBS model. ([Abstract 18](#))  
  C.D. Lopez Lopez¹, J.O. Jaramillo Polanco¹, J. Aguilera Lizarraga¹, S. Vanner¹, D.E. Reed¹, G. Boeckxstaens²  
  ¹Queen’s University, Kingston, ON, Canada; ²University Hospital Leuven, Leuven, Belgium

15h30-17h00 SYMPOSIUM  
**Transitioning to Adult Care: Challenges and Solutions**  

**Learning Objectives:**  
At the end of this session participants will be able to:  
1. Be aware of challenges and barriers in transition to adult care;  
2. Be familiar with approaches and innovative models of care to facilitate successful transition.

Co-Chairs: Nicola Jones, University of Toronto and Karen Murray, Seattle Children’s Hospital

- Challenges and Gaps in Transition to Adult Care  
  Laurie Keefer, Icahn School of Medicine  

- Innovative Models of Transitional Care a Joint Effort: Adult Perspective  
  Geoffrey Nguyen, University of Toronto  

- Innovative Models of Transitional Care a Joint Effort: Pediatric Perspective  
  Jeannie Huang, UC San Diego School of Medicine

15h30-17h00 SYMPOSIUM  
**Endoscopy in 2018**  

**Learning Objectives:**  
At the end of this session participants will be able to:  
1. Understand current issues surrounding colon cancer screening;  
2. Understand the importance of training and credentialing in regard to colon cancer screening;  
3. Evaluate and apply skills for endoscopic lesion recognition.

Co-Chairs: Lawrence Hookey, Queen’s University and Catharine Walsh, University of Toronto

- Colon Cancer Screening Issues
SATURDAY FEBRUARY 10

Roland Valori, Gloucestershire Royal Hospital

- Training and Credentialing
  Kevin Waschke, McGill University

- Test your Knowledge: Endoscopic lesion recognition
  Robert Bechara, Queen's University

17h00-17h30 MCKENNA RECEPTION
Concert Hall Foyer
This session is proudly sponsored by AbbVie.

17h30-18h30 RD MCKENNA MEMORIAL LECTURE
Concert Hall
Making a Difference
Roland Valori, Gloucestershire Royal Hospital

~ CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity, and balance ~

Immediately preceding the McKenna Lecture there will be a short presentation of the Canadian Association of Gastroenterology Fellows (CAGF) inducted for 2018. CAGF is an esteemed honour for CAG members who have demonstrated long-term commitment to the Association and to furthering the goals of advancing gastroenterology practice and GI research in Canada.

18h30-20h00 POSTER SESSION 1
Confed. 5/6 & Tudor 7/8
Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A29-A35, A43, A62, A65-A69, A71, A73, A163-A165) located throughout the poster area and identified with a ribbon.

This session is proudly sponsored by Merck Canada Inc.
SUNDAY FEBRUARY 11

08h00-09h00  BREAKFAST WITH THE EXPERTS  Saskatchewan

Pain Management in Gastroenterology Opioids: More? Less?

Learning Objectives:
At the end of this session participants will be able to:
1. Identify risk tools for assessment of Opioid overuse;
2. Recommend possible alternative management for patients on Opioid for pain control, including cannabis;
3. Identify cutting edge strategies for pain management (ie. neuromodulation).

Speakers: Norman Buckley, McMaster University and Mark MacMillan, Dalhousie University

Please note that pre-registration is required to gain admittance to Breakfast with the Experts

08h00-09h00  BREAKFAST WITH THE EXPERTS  New Brunswick

Cystic Fibrosis for the Gastroenterologist

Learning Objectives:
At the end of this session participants will be able to evaluate and manage gastrointestinal complications in patients with cystic fibrosis.

Speakers: David Armstrong, McMaster University and Michael Wilschanski, Hadassah Medical Organization

Please note that pre-registration is required to gain admittance to Breakfast with the Experts

08h00-09h00  BREAKFAST WITH THE EXPERTS  Nova Scotia

IBD Management: Switching biologics

Learning Objectives:
At the end of this session participants will be able to:
1. Recognise the current available treatment options for patients who have failed conventional therapy;
2. Identify patients on biologics who would benefit from a change in therapy;
3. Determine which patients on anti-TNF therapy are best to switch within class or out of class;
4. Position new biologicals and small molecules in treatment of IBD patients, based on available evidence.

Speakers: Nicolas Carman, University of Ottawa and Peter Lakatos, McGill University

~ CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity, and balance ~

Please note that pre-registration is required to gain admittance to Breakfast with the Experts

08h00-09h00  BREAKFAST WITH THE EXPERTS  Algonquin

NAFLD in the Community: What can you do?

Learning Objectives:
At the end of this session participants will be able to:
1. Describe the natural history of non-alcoholic fatty liver disease (NAFLD);
2. Identify risk factors for non-alcoholic steatohepatitis (NASH);
3. Identify different lifestyle interventions that may have an effect on NAFLD;
4. Describe the benefits and risks of current pharmacological treatment options for NALFD.

Speakers: Johane Allard, University of Toronto and Hin Hin Ko, University of British Columbia

~ CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity, and balance ~

Please note that pre-registration is required to gain admittance to Breakfast with the Experts

* American College of Gastroenterology Fellow or Master
† Session includes oral presentations of key abstracts
**SYMPOSIUM:**

*Celiac Disease: Removing the fog*

**Ballroom**

**Learning Objectives:**
At the end of this session participants will be able to:

1. Identify common causes of misdiagnosis in celiac disease;
2. Integrate concepts for proper clinical management and follow-up in celiac disease;
3. Understand the potential value of new therapeutic options for celiac disease, in addition to the gluten free diet.

Co-Chairs: Maria Ines Pinto Sanchez, McMaster University and Elena Verdu, McMaster University

- Pitfalls in the Diagnosis and Clinical Management of Celiac Disease
  Benjamin Lebwohl, Columbia University

- How to Optimize the Transition from Childhood to Adult Care and Follow-up in Celiac Disease
  Peter Green*, Columbia University

- Are We Close to a Pharmacological Therapy for Celiac Disease?
  Ciaran Kelly*, Harvard University

- Bacterial proteases increase sensitivity to dietary antigen through PAR-2 signaling (Abstract 19)
  1U1043, INSERM, Toulouse, France; 2McMaster University, Hamilton, ON, Canada; 3The Mayo Clinic, Rochester, MN; 4Johannes Gutenberg University of Mainz, Mainz, Germany; 5Universidad de Leon, Leon, Spain

- Gut microbiota-diet interaction alter intestinal mast cell numbers and distribution in the humanized IBS mouse model (Abstract 20)
  1GIDRU Wing, Kingston General Hospital, Kingston, ON, Canada; 2McMaster University, Hamilton, ON, Canada; 3Queen's University, Kingston, ON, Canada

**SYMPOSIUM**

*Non Alcoholic Fatty Liver Disease (NAFLD)*

**Ontario**

**Learning Objectives:**
At the end of this session participants will be able to evaluate and manage patients with NAFLD.

Co-Chairs: Melanie Beaton, University of Western Ontario and Miriam Vos, Emory University

- Pediatric NAFLD
  Miriam Vos, Emory University

- Pre and Post Liver Transplantation Issues in NAFLD
  Karim Qumosani, University of Western Ontario

- Emerging Therapies in NAFLD
  Marco Puglia, McMaster University
SUNDAY FEBRUARY 11

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<tr>
<td>09h00-10h30</td>
<td>SYMPOSIUM</td>
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<td>Constipation: Update on pathophysiology, diagnosis, and management</td>
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<td>Co-Chairs: Elyanne Ratcliffe, McMaster University and Stephen Vanner, Queen's University</td>
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<td>At the end of this session participants will be able to:</td>
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<td>1. Discuss the current understanding of the pathophysiology of constipation and of appropriate investigations. Identify controversies and knowledge gaps;</td>
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<td>2. Identify the role of high resolution manometry in the discovery of novel motor patterns in the human colon and recognize the relationship of colonic motor patterns to autonomic nerve function;</td>
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<td>3. Apply management algorithms for pediatric and adult constipation and explore potential innovative avenues for therapy.</td>
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<td>10h30-11h00</td>
<td>Nutrition Break (Network Hall)</td>
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<td>11h00-11h40</td>
<td>SMALL GROUP SESSIONS (See pages 24-29)</td>
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<td>SEE™: Practical tips</td>
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<td>Microbiota and What the Clinical Gastroenterologist Needs to Know</td>
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<td>Improving your Adenoma Rate</td>
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<td>Fad Diets: Counselling your patient</td>
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<td>Small Bowel Crohn’s Disease</td>
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<td>Discussing PPI Risks with your Patient</td>
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<td>Social Media Tools for Gastroenterology Care, Education, and Science</td>
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<td>Neuroimmune Interactions</td>
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<td>Cystic Fibrosis and Liver Disease</td>
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<td>11h40-11h50</td>
<td>Break</td>
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### SMALL GROUP SESSIONS (See pages 24-29)

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<td>SEE™: Practical tips</td>
<td>Prince Edward Island</td>
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<td>New Brunswick</td>
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<td>Barrett’s Esophagus in 2018</td>
<td>Saskatchewan</td>
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<td>Personalized Medicine (Interpreting Genetic Results in Disease States)</td>
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<td>(CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance)</td>
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<td>Nutritional Assessment in Chronic Diseases</td>
<td>Nova Scotia</td>
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<td>(CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance)</td>
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<td>Refractory Esophageal Strictures</td>
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<td>H. pylori Updates</td>
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<td>Anorectal Dysmotility (Dyssynergia and Pelvic Floor Disorders)</td>
<td>Manitoba</td>
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<td>Pediatric Functional and Motility Disorders</td>
<td>British Columbia</td>
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<td>Autoimmune Hepatitis</td>
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<td>Drug-induced Liver Disease</td>
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Please note that pre-registration is required to gain admittance to Small Group Sessions.

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<th>Time</th>
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<tbody>
<tr>
<td>12h30-13h30</td>
<td>Lunch (Network Hall)</td>
<td>Canadian</td>
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<tr>
<td>13h30-15h00</td>
<td>SYMPOSIUM Managing Complications of End-Stage Liver Disease</td>
<td>Territories</td>
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**Learning Objectives:**

At the end of this session participants will be:
1. Evaluate and treat hepatic encephalopathy;
2. Evaluate and treat esophago-gastric varicose before and after a bleed;
3. Diagnose and manage renal disease in ESLD.

Co-Chairs: Vicky Ng, University of Toronto and David Bernstein, Hofstra Northwell School of Medicine

- Hepatic Encephalopathy: Evaluation and treatment challenges  
  Cynthia Tsien, University of Ottawa
- Evaluation and Treatment of Esophageal Variceal Hemorrhage, Before, During, and After a Bleed: Pediatrics and Benjamin Shneider, Texas Children’s Hospital
- Diagnosis and Management of Renal Disease in End-Stage Liver Disease  
  Mitchell Siffman*, Bon Secours Liver Institute of Virginia

* American College of Gastroenterology Fellow or Master  
† Session includes oral presentations of key abstracts
**SYMPOSIUM**  
**Management of IBD in 2018**  
**Concert Hall**

**Learning Objectives:**
At the end of this session participants will be able to:

1. Integrate new IBD guidelines into clinical practice;
2. Identify treatment targets used to select newer treatment options;
3. Incorporate therapeutic drug monitoring into clinical decision making for biologics in management of IBD.

Co-Chairs: Anthony Otley, Dalhousie University and Laura Targownik, University of Manitoba

- Crohn's Disease Guidelines  
  Laura Targownik, University of Manitoba
- Treatment Advances in Pediatric IBD  
  Anne Griffiths, University of Toronto
- Treatment Advances in Adult IBD  
  Waqqas Afif, McGill University

~ CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity, and balance ~

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<th>Time</th>
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| 13h30-15h00| CAG RESEARCH AWARD LECTURES  
  **Ontario**  
  Shifting Western Disease to the East: How diet-induced dysbiosis may be contributing to the rise of IBD in South Asians  
  Deanna Gibson, University of British Columbia |
| 13h30-15h00| CAG RESEARCH EXCELLENCE AWARD LECTURE  
  From *H. pylori* to IBD: A career in evidence based medicine and microbiome research  
  Paul Moayyedi*, McMaster University |
| 15h00-15h30| Nutrition Break (Network Hall)  
  **Canadian** |
| 15h30-16h30| KOPELMAN LECTURE  
  **Territories**  
  The New Age: Treatments for Cystic Fibrosis, gastroenterological improvements  
  Michael Wilschanski, Hadassah Medical Organization |
| 15h30-17h00| SYMPOSIUM  
  **Concert Hall**  
  Cannabis in Gastroenterology: The science and the status |

**Learning Objectives:**
At the end of this session participants will be able to:

1. Explain the endocannabinoid system of the GI tract, describe the most common phytocannabinoids and their actions in the gastrointestinal tract, demonstrate the potential therapeutic opportunities afforded by harnessing the endocannabinoid system for the treatment of GI disease;
2. Describe the current evidence for cannabinoids as therapy in GI disorders, and understand where they may or may not fit for symptom relief in these disorders;
3. Identify risk factors leading to addiction to cannabis, explain to their patients strategies to mitigate this risk, identify signs of cannabis use disorders and describe the current treatment approaches.

Co-Chairs: Christopher Andrews, University of Calgary and Keith Sharkey, University of Calgary

- Overview of the Mechanisms of Actions of Cannabinoids  
  Keith Sharkey, University of Calgary
- Cannabinoids in Gastrointestinal: IBD, IBS, Vomiting Disorders
SUNDAY FEBRUARY 11

15h30-17h00
†SYMPOSIUM:
Ontario
Microbiome and Host Cross-talk in Gastrointestinal Health and Disease: Metabolites and more

Learning Objectives:
At the end of this session participants will be able to understand the involvement of the microbiome in gastrointestinal disease.

Co-Chairs: Kathy McCoy, University of Calgary and Dana Philpott, University of Toronto

- Microbiome and Host Cross-talk
  Stephen Girardin, University of Toronto

- Microbiome and Host Cross-talk
  Arthur Kaser, University of Cambridge

- Microbiome and Host Cross-talk
  Marie-Claire Arrieta, University of Calgary

- Fermentable carbohydrate-microbiome interactions in a mouse model of IBS (Abstract 21)
  G. De Palma¹, D.E. Reed², C. Shimbori¹, M. Pigrau¹, J. Lu¹, M. Louis-Auguste¹, Y. Zhang², Y. Yu², N. Jimenez-Vargas², J. Sessenwein², C.D. Lopez Lopez², J.O. Jaramillo Polanco², E. Verdu¹, S.M. Collins¹, K. Madsen³, A.E. Lomax², M.J. Beyak², S. Vanner², P. Bercik³
  ¹McMaster University, Hamilton, ON, Canada; ²Queen's University, Kingston, ON, Canada; ³University of Alberta, Edmonton, AB, Canada

17h00-18h00
2018 CDDW™ AWARDS CEREMONY
Concert Hall
We invite you to join us at the annual Awards Ceremony to congratulate and celebrate with the many awardees as awards from the Association are formally presented.

18h00-19h30
POSTER SESSION 2
Confed. 5/6 & Tudor 7/8
Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A181, A182, A197, A198, A244-A246, A271-A275, A307, A308, A326) located throughout the poster area and identified with a ribbon.

This session is proudly sponsored by Merck Canada Inc.

20h00-23h45
GALA EVENT
Ballroom
The Great GUTsby!
Don your fedora, shake your feathers, and join us for a night of dancing, with Toronto’s own, The Bettys. Join fellow Flappers and Goons for giggle water and grub. It’s gunna be a Gas!

Tickets include: dinner, refreshments, and entertainment. Dress code: time period cocktail attire encouraged, but not required.

Tickets: $100 CAD, plus tax
CAG SPECIAL INTEREST GROUPS

CAG Special Interest Groups (SIGs) exist to support professional development and deepening of networks in focused areas of gastroenterology practice and research. A SIG’s primary purpose is to act in the best interests of the Association, including being integral to the pursuit of the Association’s mission and objectives.

The role of a SIG is for the promotion and encouragement of the study, research and advancement of the science and practice of gastroenterology in Canada and fostering discussion, cooperation and debate among members of the Association. SIGs are to support members in pursuit of special interests within the Association, to aid in forming and maintaining liaison among those with special interest, and to provide advice to the Association, as needed, on issues related to the SIG’s area of interest. A SIG will have no formal reporting structure to the CAG.

For more information regarding the CAG SIG initiative, and to submit a SIG proposal, please visit:

https://www.cag-acg.org/education/cag-sigs

MONDAY FEBRUARY 12

<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>09h00-10h30</td>
<td>Canadian Neurogastroenterology Network Meeting (CNN)</td>
<td>Quebec</td>
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<td><em>By invitation only, for information contact Dr. William Paterson (<a href="mailto:patersow@hdh.kari.net">patersow@hdh.kari.net</a>)</em></td>
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<tr>
<td>09h00-11h00</td>
<td>Canadian Gastroenterology Nutrition Network Meeting (CNN)</td>
<td>British Columbia</td>
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<td><em>By invitation only, for information contact Dr. Maitreyi Raman (<a href="mailto:mkothand@ucalgary.ca">mkothand@ucalgary.ca</a>)</em></td>
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<tr>
<td>09h00-10h00</td>
<td>IMAGINE Network Update</td>
<td>Manitoba</td>
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<td><em>Open to CAG members</em></td>
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<td>10h00-14h00</td>
<td>IMAGINE Network Administrative Meetings</td>
<td>Manitoba</td>
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<td></td>
<td><em>By invitation only, for information please contact Aida Fernandes (<a href="mailto:fernaa19@mcmaster.ca">fernaa19@mcmaster.ca</a>)</em></td>
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<tr>
<td>08h30-17h00</td>
<td>Endoscopy Quality Symposium 2018</td>
<td>Alberta</td>
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<td><em>Day 1</em></td>
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<td><em>By invitation only, for more information please contact Paul Sinclair (<a href="mailto:cagoffice@cag-acg.org">cagoffice@cag-acg.org</a>)</em></td>
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TUESDAY FEBRUARY 13

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<tr>
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<th>Event</th>
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<tbody>
<tr>
<td>08h00-12h00</td>
<td>Endoscopy Quality Symposium 2018</td>
<td>Alberta</td>
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<td><em>Day 2</em></td>
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The sessions listed above are eligible for Section 2 Self-learning Credits.
Don’t forget to visit the e-learning stations in Network Hall

Located in the Canadian Room on the Convention Floor

Log in using your MY CAG account

- Access a wide variety of educational materials
- Claim Section One, Two, or Three credits
- View highly rated CDDW™ lectures from previous meetings
- Discuss hot topics with experts and colleagues
- Track CME credits and obtain Certificates of Attendance with your personalized profile
- CAG Trainees: Resident’s Corner on the CAG ePortal contains over 20 videos from the latest Basic Science and CanMEDS Lecture Series!

- Over 30 ASGE Endoscopic Learning Library videos
- View videos in the lounge on a dedicated tablet with earphones
- Claim Section Two credits

List of available videos:

1. Management of Benign and Malignant Strictures
2. Endoscopic Mucosal Resection
3. Essentials of Therapeutic ERCP
4. Diagnostic
5. Challenges in Therapeutic ERCP
6. Radial and Linear EUS
7. Pancreaticobiliary EUS
8. Diagnosis and Treatment of Early Gastric Cancer
9. Training for Endosonography
10. Endoscopic Clipping Techniques
11. Diagnosis of Flat and Depressed Colorectal Neoplasms
12. Endoscopic Management of Periampullary Adenomas
13. Bariatric Surgery – An Instructional Program for GI Endoscopists
14. Endoscopic Removal of Foreign Bodies in Upper Gastrointestinal Tract
15. Endoscopic Techniques for Enteral Access
16. Endoscopic Submucosal Dissection for Gastric Superficial Tumors
17. Double-Balloon Endoscopy for Diagnosis and Treatment of Small Intestinal Diseases
18. 2006 ASGE Video Forum
19. Endoscopic Approach to Hemorrhoids
20. Esophageal Capsule Endoscopy for the Diagnosis of Esophageal Diseases
21. Colonoscopy Technique: Basic and Advanced
22. Colonoscopic Polypectomy
23. EUS In Hand
24. Endoscopic Interpretation and Therapy of Severe Lower GI Bleeding
25. Endoscopic Removal of Submucosal Tumors
26. Small Bowel Imaging
27. Biliary Access Techniques for ERCP: From Basic to Advanced
28. The Bariatric Patient: Endoscopic Diagnosis and Management
29. Small Bowel Imaging
30. Endoscopic Tissue Sampling of UGI Tract: Forceps to Optical
31. Endoscopic Submucosal Dissection of Colon Lateral Spreading Tumor
32. Diagnostic and Therapeutic Endoscopy in Patients after Ileal Pouch Surgery
33. Polyposis Syndrome/Genetic GI: Endoscopic Diagnosis and Management
34. The Role of Endoscopic Ultrasound in Evaluation of Lung Cancer
35. Evaluation of the Anorectum: Physical and Endoscopic Examinations
36. Taking Care of Your: Ergonomic Essentials for Your Practice
37. Endoscopic Management of Necrotizing Pancreatitis and Pseudocysts

The CAG is grateful to the ASGE for this learning opportunity. Please visit http://www.asge.org/ to order videos
Small Group Sessions

Small group sessions (limit of up to 35 attendees) are 40-minute interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. For room allocations see pages 25-29. Pre-registration required.

SATURDAY

SEE™ (Skills Enhancement for Endoscopy): Practical tips
Colonic Endoscopic Mucosal Resection
High Resolution Esophageal Manometry
How to Get your Manuscripts Accepted for Publication
Gastric Cases: Polyps and surveillance for gastric intestinal metaplasia
Millennial Learners
Pediatric Liver Disease Cases
Intestinal Fibrosis
IBD and Liver Disease
Management of Portal Hypertension
Eosinophilic Esophagitis
Peroral Endoscopic Myotomy
Working in Suboptimal Conditions: Keeping you and your patients out of trouble
Using IBD Scoring Systems
Implementing Quality Improvement in your Practice
Malnutrition in Pediatric In-Patients
Transjugular Intrahepatic Portosystemic Shunt (TIPS)
When to Refer for Transplant

SUNDAY

SEE™ (Skills Enhancement for Endoscopy): Practical tips
Microbiota and What the Clinical Gastroenterologist Needs to Know
Improving your Adenoma Detection Rate
Fad Diets: Counselling your patient
Small Bowel Crohni’s Disease
Discussing PPI Risks with your Patients
Social Media Tools for Gastroenterology Care, Education, and Science
Neuroimmune Interactions
Cystic Fibrosis and Liver Disease
Integrate Fibroscan into your Practice
Barrett’s Esophagus in 2018
Personalized Medicine (Interpreting Genetic Results in Disease States)
Nutritional Assessment in Chronic Diseases
Refractory Esophageal Strictures
H. pylori Updates
Anorectal Dysmotility (Dyssynergia and Pelvic Floor Disorders)
Pediatric Functional and Motility Disorders
Autoimmune Hepatitis
Drug-induced Liver Disease
Small Group Sessions

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **SEE™: Practical tips**
  **Saturday and Sunday, February 10 & 11, 11h00 (Prince Edward Island)**
  **Learning Objectives:** 1) Demonstrate how scope handling influences colonoscopy technique; 2) Demonstrate how to apply torque steering during colonoscopy; 3) Demonstrate how to integrate changes in handling and torque into one’s colonoscopy technique.
  **Speakers:**
  - Richard Sultanian, University of Alberta and Kevin Waschke, McGill University (Saturday)
  - John Anderson, Gloucestershire Hospitals NHS Foundation Trust and Eric Greenwald, McMaster University (Sunday)

CAG co-developed this program with Olympus Canada Inc. to achieve scientific integrity, objectivity and balance

- **SEE™: Practical tips**
  **Saturday and Sunday, February 10 & 11, 11h50 (Prince Edward Island)**
  **Learning Objectives:** 1) Demonstrate how scope handling influences colonoscopy technique; 2) Demonstrate how to apply torque steering during colonoscopy; 3) Demonstrate how to integrate changes in handling and torque into one’s colonoscopy technique.
  **Speakers:**
  - Lawrence Hookey, Queen’s University and Donald MacIntosh, Dalhousie University (Saturday)
  - Alaa Rostom, University of Ottawa and Frances Tse, McMaster University (Sunday)

CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance

- **SEE™: Practical tips**
  **Saturday and Sunday, February 10 & 11, 11h00 (New Brunswick)**
  **Learning Objectives:** 1) Demonstrate how scope handling influences colonoscopy technique; 2) Demonstrate how to apply torque steering during colonoscopy; 3) Demonstrate how to integrate changes in handling and torque into one’s colonoscopy technique.
  **Speakers:**
  - Eric Greenwald, McMaster University and Charles Ménard, Université de Sherbrooke (Saturday)
  - Donald MacIntosh, Dalhousie University and Kevin Waschke, McGill University (Sunday)

- **SEE™: Practical tips**
  **Saturday and Sunday, February 10 & 11, 11h50 (New Brunswick)**
  **Learning Objectives:** 1) Demonstrate how scope handling influences colonoscopy technique; 2) Demonstrate how to apply torque steering during colonoscopy; 3) Demonstrate how to integrate changes in handling and torque into one’s colonoscopy technique.
  **Speakers:**
  - Alaa Rostom, University of Ottawa and Frances Tse, McMaster University (Saturday)
  - Dana Farina, Dalhousie University and Richard Sultanian, University of Alberta (Sunday)

CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance

- **Colonic Endoscopic Mucosal Resection**
  **Saturday, February 10, 11h00 (Saskatchewan)**
  **Learning Objectives:** At the end of this session participants will be able to understand the technique and application of colonic endoscopic mucosal resection.
  **Speakers:** Steven Heitman, University of Calgary and Ralph Lee, University of Ottawa

CAG co-developed this program with Olympus Canada Inc. to achieve scientific integrity, objectivity and balance

- **High Resolution Esophageal Manometry**
  **Saturday, February 10, 11h00 (Algonquin)**
  **Learning Objectives:** 1) Identify the role of high resolution esophageal manometry study in your clinical practice; 2) Utilize Chicago Classification when interpreting esophageal manometry study; 3) Apply esophageal manometry study in managing patients with dysphagia and other esophageal symptoms.
  **Speakers:** Geoffrey Turnbull, Dalhousie University and Yvonne Tse, University of Toronto

CAG co-developed this program with Medtronic to achieve scientific integrity, objectivity and balance

- **How to Get your Manuscripts Accepted for Publication**
  **Saturday, February 10, 11h00 (Nova Scotia)**
  **Learning Objectives:** 1) Finding and selling your idea; 2) Translate your idea into a publication; 3) Commitment to publish (THICK SKIN AND “STICK-TO-IT-NESS”); 4) Understanding the mechanics of peer review and the publication process.
  **Speakers:** Melanie Beaton, University of Western Ontario and Michael Camilleri*, Mayo Clinic
Small Group Sessions

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. **Pre-registration required.**

- **Gastric Cases: Polyps and surveillance for gastric intestinal metaplasia**  
  *Saturday, February 10, 11h00 (York)*

  **Learning Objectives:** At the end of this session participants will be able to evaluate and manage patients with polyps and understand and apply surveillance for gastric intestinal metaplasia.

  **Speakers:** Fergal Donnellan, University of British Columbia and Carol Durno, University of Toronto

  CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity, and balance

- **Millennial Learners**  
  *Saturday, February 10, 11h00 (Library)*

  **Learning Objectives:** 1) Describe the 4 distinct generations in the workplace and their specific characteristics; 2) Identify new methods of teaching; 3) Recognize the importance of feedback; 4) Explain the need for relevance in teaching scenarios; 5) Identify the role of multi-tasking in the learning environment; 6) Assess various communication opportunities with millennial learners.

  **Speakers:** Janice Barkey, University of Ottawa and Steven Gruchy, Dalhousie University

  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity, and balance

- **Pediatric Liver Disease Cases**  
  *Saturday, February 10, 11h00 (British Columbia)*

  **Learning Objectives:** 1) Understand the process of diagnosing NAFLD/NASH and treatment basics; 2) Identify indications for and plan a treatment strategy for children with chronic Viral Hepatitis; 3) Plan a treatment strategy for children with Autoimmune Hepatitis.

  **Speakers:** Karen Murray, Seattle Children's Hospital and Miriam Vos, Emory University

- **Intestinal Fibrosis**  
  *Saturday, February 10, 11h00 (Manitoba)*

  **Learning Objectives:** 1) Identify the key drivers of intestinal fibrosis and the pathogenic remodelling in IBD patients; 2) Differentiate between the impact of fibrosis versus smooth muscle thickening in the pathogenesis of fibrostenosis; 3) Understand the impact of aberrant smooth muscle growth on stricture formation and IBD pathogenesis.

  **Speakers:** Michael Blennerhassett, Queen's University, Simon Hirota, University of Calgary and Cathy Lu, University of Calgary

- **IBD and Liver Disease**  
  *Saturday, February 10, 11h00 (Quebec)*

  **Learning Objectives:** 1) Recognize the presentation of IBD-associated liver disease; 2) Describe the investigation and management of IBD-associated liver disease.

  **Speakers:** Gilaad Kaplan, University of Calgary and Peter Church, University of Toronto

  CAG co-developed this program with Takeda Canada, Inc. to achieve scientific integrity, objectivity, and balance

- **Management of Portal Hypertension**  
  *Saturday, February 10, 11h00 (Territories)*

  **Learning Objective:** At the end of this session participants will be able to evaluate and manage patients with portal hypertension.

  **Speakers:** Nir Hilzenrat, McGill University and Nazia Selzner, University of Toronto

- **Eosinophilic Esophagitis**  
  *Saturday, February 10, 11h50 (Saskatchewan)*

  **Learning Objectives:** 1) Recognize and diagnose EoE taking into account diagnostic challenges; 2) Apply disease specific activity and endoscopic scores; 3) Recognize the importance of tailoring therapeutic approach to individual; 4) Discuss current knowledge of long term outcomes in these patients.

  **Speakers:** Stephanie Carpentier, Memorial University and Hien Huynh, University of Alberta

- **Peroral Endoscopic Myotomy**  
  *Saturday, February 10, 11h50 (Algonquin)*

  **Learning Objectives:** 1) Identify patients that are candidates for POEM, would be unlikely to benefit from POEM, and are not fit to have POEM; 2) Select the appropriate cases to perform in early in the learning curve and refer to an expert operator; 3) Select and organize equipment needed to perform POEM, and anesthesia and supportive staff; 4) Recognize the esophageal landmarks used in POEM and signs indicating the appropriate distal end of the tunnel.

  **Speakers:** Robert Bechara, Queen's University and Yen-I Chen, McGill University
Small Group Sessions
Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Working in Suboptimal Conditions: Keeping you and your patients out of trouble**
  Saturday, February 10, 11h50 (Nova Scotia)
  Learning Objectives: 1) Recognize their liability for harm arising from delayed diagnosis or treatment; 2) Develop strategies to mitigate risk of patient harm and medical-legal problems associated with prolonged wait times.
  Speakers: Desmond Leddin, Dalhousie University and Tino Piscione, Canadian Medical Protective Association
  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance

- **Using IBD Scoring Systems**
  Saturday, February 10, 11h50 (York)
  Learning Objectives: 1) Differentiate between various IBD scoring systems; 2) Understand the utility of the scoring systems and the grading of severity associated with each score; 3) Use the scoring systems in endoscopy reports.
  Speakers: Talet Bessissow, McGill University; Mallory Chavannes, University of Montreal; and Lara Hart, McMaster University
  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity, and balance

- **Implementing Quality Improvement into Your Practice**
  Saturday, February 10, 11h50 (Library)
  Learning Objectives: At the end of this session participants will be able to understand and implement quality improvement in their practice.
  Speakers: Avantika Marwaha, GI Health Centre and Geoffrey Nguyen, University of Toronto
  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance

- **Malnutrition in Pediatric In-Patients**
  Saturday, February 10, 11h50 (British Columbia)
  Learning Objectives: 1) Understand the scope of the problem of malnutrition in our pediatric wards … what we know and what we don’t know; 2) Recognize the tools available for nutritional assessment in children; 3) Discuss ways and means to improve care.
  Speakers: Margaret Boland, University of Ottawa and Kevan Jacobson, University of British Columbia

- **Transjugular Intrahepatic Portosystemic Shunt (TIPS)**
  Saturday, February 27, 11h50 (Quebec)
  Learning Objectives: 1) Define indications, contra-indications and the pre-procedure evaluation for TIPS; 2) Explain the procedural aspect of TIPS placement and other options; 3) Manage of intra and post procedural TIPS complications; 4) Recommend optimal follow-up after TIPS placement.
  Speakers: Charles Ménard, Université de Sherbrooke and Sabarinath Nair, McMaster University

- **When to Refer for Transplant**
  Saturday, February 10, 11h50 (Territories)
  Learning Objectives: At the end of this session participants will understand indications and timing for referral for liver transplantation.
  Speakers: Constantine Karvellas, University of Alberta and Sylvester Ukabam, Regina Internal Medicine Specialists
  CAG co-developed this program with Gilead Sciences Canada, Inc. to achieve scientific integrity, objectivity, and balance

- **Microbiota and What the Clinical Gastroenterologist Needs to Know**
  Sunday, February 11, 11h00 (Saskatchewan)
  Learning Objectives: 1) Understand the basic analysis of microbiota profiling analysis and metagenomics, and reported measures (such alpha and beta diversity); 2) Understand the differences in methodological approaches and how they may influence outcome; 3) Review our current understanding of the role of microbiota in GI diseases, focusing on clinical studies in IBD and IBS.
  Speakers: Premysl Bercik, McMaster University and Michael Surette, McMaster University
  CAG co-developed this program with Intercept Pharma Canada Inc. to achieve scientific integrity, objectivity, and balance

- **Improving your Adenoma Detection Rate**
  Sunday, February 11, 11h00 (Algonquin)
  Learning Objectives: 1) Review common-used colonoscopy quality indicators; 2) Focus on the strengths and limitations of adenoma detection rate as a quality indicator; 3) Review principles of good colonoscopy practice that should enhance adenoma detection; 4) Highlight new technology and approaches that may help optimize adenoma detection.
  Speakers: Jerry McGrath, Memorial University and Jill Tinmouth, University of Toronto
  CAG co-developed this program with Olympus Canada Inc. to achieve scientific integrity, objectivity and balance
Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Fad Diets: Counselling your patient**
  
  **Sunday, February 11, 11h00 (Nova Scotia)**

  **Learning Objectives:** 1) Sketch the landscape of fad diets for adults and children; 2) Discuss state of the art dietary (and nutrition therapies) in IBD; 3) Discuss the role and limitations of the gluten free diet; 4) Discuss lactose/milk free diets with alternatives.

  **Speakers:** Margaret Boland, University of Ottawa and Maitreyi Raman, University of Calgary

  CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity, and balance

- **Small Bowel Crohn’s Disease**
  
  **Sunday, February 11, 11h00 (York)**

  **Learning Objectives:** 1) Recognize the varying clinical presentations of small bowel Crohn's disease; 2) Describe and evaluate the different imaging modalities available; 3) Outline the principles in managing the disease both medically and surgically.

  **Speakers:** Peter Church, University of Toronto and Smita Halder, McMaster University

  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance

- **Discussing PPI Risks with your Patient**
  
  **Sunday, February 11, 11h00 (Library)**

  **Learning Objectives:** 1) Understand why association is not the same as causation in observational studies; 2) See how this applies to the various associations between PPI and a number of adverse outcomes; 3) Be able to explain what is learnt in the session in simple terms to patients.

  **Speakers:** Nauzer Forbes, University of Calgary and Paul Moayyedi*, McMaster University

- **Social Media Tools for Gastroenterology Care, Education, and Science**
  
  **Sunday, February 11 11h00 (British Columbia)**

  **Learning Objectives:** 1) Introduce the use of social media to academic and community gastroenterologists; 2) Define how social media can be used for research knowledge translation by gastroenterologists; 3) Describe ways in which social media can be used to enhance medical education curricula; 4) Outline how to use social media as part of a personal continuing medical education (CME) plan.

  **Speaker:** Eric Benchimol, University of Ottawa and Jason Silverman, University of Alberta

  CAG co-developed this program with Takeda Canada Inc. to achieve scientific integrity, objectivity and balance

- **Neuroimmune Interactions**
  
  **Sunday, February 11, 11h00 (Manitoba)**

  **Learning Objectives:** 1) Understand how inflammatory effects on the nervous system can lead to symptom generation during gastrointestinal diseases; 2) Appreciate the role of the nervous system in suppressing gastrointestinal inflammation; 3) Anticipate the development of electroceutical therapies for inflammatory diseases.

  **Speaker:** Alan Lomax, Queen's University

- **Cystic Fibrosis and Liver Disease**
  
  **Sunday, February 11, 11h00 (Quebec)**

  **Learning Objectives:** 1) Recognize challenges in defining cystic fibrosis liver disease (CFLD); 2) Interpret clinical tests that may predict progression of CFLD; 3) Understand current knowledge of the impact of cystic fibrosis transmembrane conductance regulator (CFTR) modifying drugs on the liver.

  **Speakers:** Simon Ling, University of Toronto and Michael Wilschanski, Hadassah Medical Association

- **Integrating Fibroscan into your Practice**
  
  **Sunday, February 11, 11h00 (Territories)**

  **Learning Objective:** At the end of this session participants will be understand indications for fibroscan use and how to integrate it within practice.

  **Speakers:** Naoki Chiba, McMaster University and Marco Puglia, McMaster University

  CAG co-developed this program with Gilead Sciences Canada, Inc. to achieve scientific integrity, objectivity, and balance

- **Barrett’s Esophagus in 2018**
  
  **Sunday, February 11, 11h50 (Saskatchewan)**

  **Learning Objectives:** At the end of this session, attendees will have an improved understanding of the approach to diagnosis and management of Barrett's esophagus. We will specifically focus on 1) Endoscopic imaging techniques, description and proper classification; 2) Indications for ablation; and 3) Medical management and other endoscopic therapies.

  **Speakers:** Jeffrey Mosko, University of Toronto and Clarence Wong, University of Alberta

  CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity, and balance
Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Personalized Medicine (Interpreting Genetic Results in Disease States)** Sunday, February 11, 11h50 (Algonquin)
  
  Learning Objectives: 1) Apply genetic tests in common clinical scenarios; 2) Understand the principles that underlie common genetic tests; 3) Identify future trends in genetic testing.
  
  Speakers: John Marshall, McMaster University and Aleixo Muise, University of Toronto
  
  CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity, and balance

- **Nutritional Assessment in Chronic Diseases** Sunday, February 11, 11h50 (Nova Scotia)
  
  Learning Objectives: 1) Understand how to conduct a nutrition focused examination for children and adults with chronic gastrointestinal diseases; 2) Understand the role of laboratory tests in nutrition assessment; 3) Be aware of simple bedside tools and more sophisticated technologies that they can use to assess sarcopenia.
  
  Speakers: Adam Rahman, University of Western Ontario and Justine Turner, University of Alberta
  
  CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity, and balance

- **Refractory Esophageal Strictures** Sunday, February 11, 11h50 (York)
  
  Learning Objectives: 1) Define and evaluate refractory oesophageal strictures; 2) Describe the different therapeutic approaches to refractory oesophageal strictures; 3) Apply the appropriate therapy in the safest manners.
  
  Speakers: Peggy Marcon, University of Toronto and Charles Ménard, Université de Sherbrooke

- **H. pylori Updates** Sunday, February 11, 11h50 (Library)
  
  Learning Objectives: 1) Learn the new CAG/Canadian Helicobacter Study Group (CHSG) recommended options for first line therapy of H. pylori infection; 2) Explain choices for second line/treatment failures; 3) Understand which GI symptoms may or may not respond to anti-Helicobacter therapy.
  
  Speakers: Naoki Chiba, McMaster University and Sander Veldhuyzen van Zanten*, University of Alberta
  
  CAG co-developed this program with Intercept Pharma Canada Inc. to achieve scientific integrity, objectivity, and balance

- **Anorectal Dysmotility (Dyssynergia and Pelvic Floor Disorders** Sunday, February 11, 11h50 (Manitoba)
  
  Learning Objectives: 1) Differentiate dyssynergic and transit causes of constipation; 2) Recognize the different diagnostic tools available for pelvic floor dysfunction; 3) Describe the various treatment modalities for pelvic floor dysfunction.
  
  Speaker: Christopher Andrews, University of Calgary and Louis Liu, University of Toronto

- **Pediatric Functional and Motility Disorders** Sunday, February 11, 11h50 (British Columbia)
  
  Learning Objective: At the end of this session participants will be able to evaluate and manage pediatric patients with functional and motility disorders.
  
  Speakers: Christophe Faure, University of Montreal and Alfred Yeung, University of Calgary

- **Autoimmune Hepatitis** Sunday, February 11, 11h50 (Quebec)
  
  Learning Objectives: 1) Accurately recognise the features required to clinically diagnose autoimmune hepatitis; 2) Identify readily common treatment challenges for patients with autoimmune hepatitis; 3) Explain the rationale for long term management strategies of patients with autoimmune hepatitis, focusing on an individualised approach to care.
  
  Speakers: Mary Anne Cooper, Thunder Bay Regional Health Sciences Centre and Gideon Hirschfield, University of Birmingham
  
  CAG co-developed this program with Intercept Pharma Canada Inc. to achieve scientific integrity, objectivity, and balance

- **Drug-induced Liver Disease** Sunday, February 11, 11h50 (Territories)
  
  Learning Objectives: At the end of this session participants will be able to evaluate and manage patients with drug-induced liver disease.
  
  Speakers: Shinya Ito, University of Toronto and TBD
## SUMMARY OF ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA ACCREDITED SECTION 1 CREDITS

### FRIDAY, FEBRUARY 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Credits</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>08h00</td>
<td>1.5</td>
<td>CAG Selected Clinical Presentations</td>
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<tr>
<td>08h00</td>
<td>1.5</td>
<td>Acute Care/Emergencies</td>
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<tr>
<td>10h00</td>
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<td>CAG/Crohn's and Colitis Canada Student Prize Paper Presentations</td>
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<td>10h00</td>
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<td>Hands-on Skills and Techniques</td>
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<td>Advancing Care</td>
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<td>12h30</td>
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<td>Novel Immunotherapies for IBD</td>
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<td>Case-based Problems</td>
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<td>15h00</td>
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<td>Gut Microbes, Nutrition and Cancer</td>
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<td>Functional Disorders</td>
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### SATURDAY, FEBRUARY 10

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<th>Time</th>
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<tbody>
<tr>
<td>08h00</td>
<td>1</td>
<td>Approach to Chronic Diarrhea (non-IBD)</td>
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<td>08h00</td>
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<td>Food Allergy/Intolerance: A practical approach to diagnosis</td>
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<tr>
<td>08h00</td>
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<td>IBD (Crohn's Disease Guidelines, Treatment Advances, Targets of Care)</td>
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<td>08h00</td>
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<td>Anticoagulation/Novel Oral Anticoagulants (NOACS) and Reversal</td>
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<td>08h30</td>
<td>2</td>
<td>Immune-and Metabolism and Gastrointestinal Disease</td>
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<td>09h00</td>
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<td>Autoimmune Hepatobiliary Disease</td>
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<td>09h00</td>
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<td>Gastroenterology Care Across Canada</td>
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<tr>
<td>11h00</td>
<td>0.75</td>
<td>Small Group Sessions (11 sessions)</td>
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<tr>
<td>11h50</td>
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<tr>
<td>13h30</td>
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<td>Career Development</td>
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<tr>
<td>13h30</td>
<td>1.5</td>
<td>What's New in Viral Hepatitis</td>
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<td>Bench to Bedside</td>
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<td>Neural Mechanisms of Pain in Gastrointestinal Disease</td>
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<td>Transition to Adult Care: Challenges and solutions</td>
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<td>Endoscopy in 2018</td>
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<td>17h30</td>
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<td>R.D. McKenna Memorial Lecture</td>
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### SUNDAY, FEBRUARY 11

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<td>08h00</td>
<td>1</td>
<td>Pain Management in Gastroenterology Opioids: More? Less?</td>
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<tr>
<td>08h00</td>
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<td>Cystic Fibrosis for the Gastroenterologist</td>
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<td>08h00</td>
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<td>IBD Management: Switching biologics</td>
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<td>NAFLD in the Community: What can you do?</td>
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<td>Celiac Disease: Removing the fog</td>
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<td>09h00</td>
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<td>Non Alcoholic Fatty Liver Disease (NAFLD)</td>
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<td>09h00</td>
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<td>Constipation: Update on pathophysiology, diagnosis, and management</td>
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<td>11h00</td>
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<td>Small Group Sessions (11 sessions)</td>
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<td>Small Group Sessions (11 sessions)</td>
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<tr>
<td>13h30</td>
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<td>CAG Research Award Lectures</td>
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<td>Managing Complications of End-Stage Liver Disease</td>
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<td>Management of IBD in 2018</td>
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<td>15h30</td>
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<td>Microbiome and Host Cross-talk in Gastrointestinal Health and Disease: Metabolites and more</td>
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<td>15h30</td>
<td>1</td>
<td>Kopelman Lecture</td>
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<tr>
<td>15h30</td>
<td>1.5</td>
<td>Cannabis in Gastroenterology: The science and the status</td>
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This educational program offers a total of 77.25 hours of Section 1 accredited learning and up to 21.5 credits per delegate. Please visit http://www.cag-acg.org to evaluate the conference and print your certificate.