

PROGRAM

CIRA 13th Annual Meeting

May 29 – 31, 2014

(Fellows Day: May 28)

(PICC Line Introduction Course: May 28)



Canadian Interventional Radiology Association
.....
Association canadienne de radiologie d'intervention

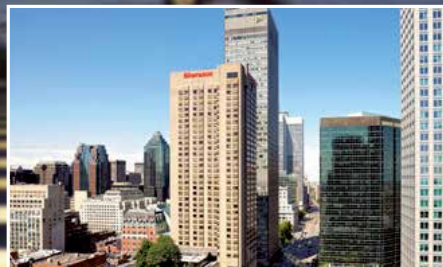
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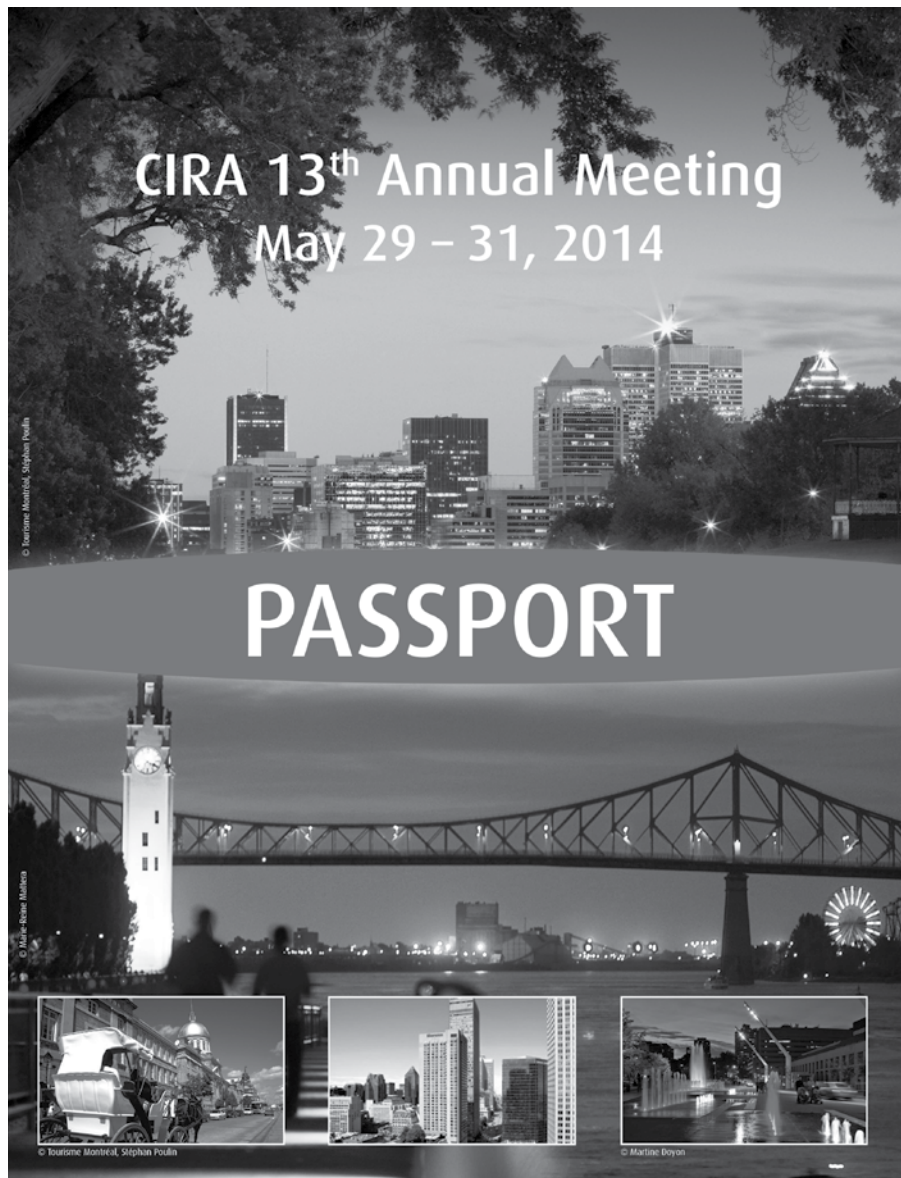


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Good luck!

Objectives of the seminar

Following the success of previous CIRA annual meetings, this year's meeting comes back to the lovely city of Montréal, Québec. Once again, the scientific committee has assembled a program, which we hope will suit everyone's objectives. Therefore, the program includes many facets of the interventional radiology practice, including vascular, non-vascular, clinical and oncology themes. Not only is the panel of speakers recruited from across Canada but we are also delighted to welcome highly respected guest speakers from abroad.

Due to the success of the recent years' format, we have kept the plenary sessions as well as workshops, to allow more interaction between participants. We have also included very practical plenary talks named "Show the panel cases", which will be managed by the session moderators, with an expert panel and that we hope you will find useful.

Finally, we will conclude this meeting with a view into our future, which is bright and exciting.

We trust you will enjoy the sessions we have in store and we hope you will spend some extra time enjoying the fabulous activities Montréal has to offer.

Learning Objectives

At the end of the meeting, the participant should expect to:

1. Be familiar with lung embolization, its clinical approach and endovascular techniques.
2. Improve the clinical aspect of interventional radiology, including how to build an outpatient clinic.
3. Review and adjust anticoagulant and antiplatelet management.
4. Learn state of the art techniques and management of peripheral arterial disease.
5. Discuss the non-invasive imaging of acute aortic syndromes.
6. Understand endovascular treatment possibilities for aortic pathologies.
7. Be familiar with management of traumatic and emergent vascular cases.
8. Increase one's awareness to new and/or unusual interventional procedures related to the liver.
9. Be familiar with principles of oncology related to IR practices.
10. Review IR oncology treatments of renal cell carcinoma.
11. Discuss the advances of hepatic chemoembolization and radioembolization.
12. Realize the importance and future of new image guidance for interventional procedures.
13. Be aware of the current status of renal denervation in this rapidly evolving field.
14. Learn about prostatic embolization.
15. Exchange opinions and experience concerning cases, through workshops and panel cases.

RCPSC Credits

This group learning activity has been accredited for Section 1 Credits within the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada (RCPSC).

CAMRT Credits

This group learning activity has been accredited for Category A Credits within the Continuing Education Credit Approval Program (CECAP) of the Canadian Association of Medical Radiation Technologists (CAMRT).

Dr. James Benenati



Dr. James F. Benenati joined Baptist Cardiac & Vascular Institute in 1990 and is currently the Medical Director of the Peripheral Vascular Laboratory. He is a Clinical Professor of Radiology at the Florida International University, Herbert Wertheim College of Medicine. He is the Program Director of the ACGME-accredited fellowship program in interventional radiology at the Institute. He is the Medical Director of the BS/RVT program at Nova Southeastern University.

Dr. Benenati received his bachelor's degree from the University of Notre Dame and his medical degree from the University of South Florida College of Medicine. He completed a residency in diagnostic radiology at Indiana University Medical Center and a fellowship in cardiovascular and interventional radiology at Johns Hopkins Medical School.

Dr. Benenati is a Fellow of the Society of Interventional Radiology, a Fellow of the American Heart Association and a member of the Radiological Society of North America. He was Past President and past member of the Executive Council of the Society of Interventional Radiology and also served as the annual meeting chairman for the Society. He is also the Past President of the Intersocietal Commission for the Accreditation of Vascular Laboratories (ICAVL) and currently a board member of the Intersocietal Accreditation Commission. Dr. Benenati is a Program Director for the ISET meeting.

In addition to lecturing internationally, Dr. Benenati has authored and co-authored numerous scientific articles that have been published in medical journals and has lectured extensively internationally on a variety of endovascular topics.

Dr. John Kaufman



Dr. John A. Kaufman is the Director of the Dotter Interventional Institute and the Frederick S. Keller Professor of Interventional Radiology at the Oregon Health & Sciences University in Portland, and he also has appointments as Professor of Diagnostic Radiology, Surgery and Medicine at OHSU. A native of Boston, Dr. Kaufman worked at the Massachusetts General Hospital from 1991 until 2000, when he joined the Dotter Institute. A recognized authority in Interventional Radiology, his research focus has been on vena cava filters and aortic stentgrafts.

Dr. Kaufman has authored or co-authored more than 200 publications including 5 textbooks. He is co-Editor of the quarterly review journal *Techniques in Interventional Radiology*, and is the Assistant Editor for *Vascular and Interventional Radiology* for the *American Journal of Radiology*. He has been a frequent invited speaker nationally and internationally, and was recognized as a Distinguished Fellow of the Cardiovascular and Interventional Radiology Society of Europe, one of only 5 Americans thus honored. He has served as chair of the American Heart Association (AHA) Council on Cardiovascular Radiology and President of the Society of Interventional Radiology (SIR). Currently he is Chair of the SIR Foundation. He recently completed a MS in Health Care Management at the Harvard School of Public Health.

Dr. Riad Salem



Dr. Riad Salem's areas of interests include the use of image-guided techniques for the treatment of malignancies. These include chemoembolisation, bland embolisation, radioembolisation, radiofrequency and cryo/alcohol ablation. He is a 1993 graduate of McGill University in Montréal, where he was recipient of the Internal Medicine prize as well as the Wood Gold Medal. He completed his radiology residency in Washington, DC. He has also completed a fellowship in interventional radiology (University of Pennsylvania), as well as a Master's in Business Administration (Finance). He is a member of Alpha Omega Alpha medical honor society and a Fellow of the Society of Interventional Radiology.

He has given over 200 invited international presentations and published more than 170 original articles on image-guided interventions and interventional oncology. Recently, he completed his term on the NCCN guidelines panel for hepatocellular carcinoma (2007-2010). His current research focus on hepatocellular carcinoma includes advances in minimally invasive therapies as well as imaging methodologies following locoregional treatment. He serves as PI of 2 international, randomised phase III trials involving locoregional therapy (radioembolisation) and sorafenib (STOP-HCC, YES-p).

Onsite Information

Registration Hours

The registration desk will be open the following hours:

Wednesday	May 28	17:30 – 19:00
Thursday	May 29	7:00 – 17:00
Friday	May 30	7:00 – 17:00
Saturday	May 31	7:00 – 13:00

Exhibit Hall Hours

Thursday	May 29	7:15 – 17:00
Friday	May 30	7:15 – 17:00
Saturday	May 31	7:15 – 11:00

Evaluation Form

In order to produce a successful meeting each year, the organizing committee needs your help. You have received an evaluation form with your participant kit. Please make sure to fill it out and give it back to the registration desk. You can also visit the registration desk if you lost your copy and would like a new one.

Photo Disclaimer Policy

Registration and attendance at, or participation in, the Canadian Interventional Radiology Association (CIRA) meetings and other activities constitute an agreement by the registrant/attendee to CIRA's use and distribution (both now and in the future) of the registrant's or attendee's image or voice in photograph, videotapes, electronic reproductions and audio tapes ("images/recordings") of such events and activities. Registrant/attendee acknowledges and agrees that CIRA's use or distribution of such images/recordings may be worldwide and in any medium; that CIRA may identify registrants or attendees in such images or recordings; and that registrants/attendees have no right to any compensation for such uses.

Le Centre Sheraton Montréal

Plenary sessions take place in
Salle de bal Ouest, 4th Floor

Exhibits and Breakfasts & Coffee Breaks
take place in
Salle de bal Centre, 4th Floor

The Welcome Reception
will take place in
Salle de bal Est, 4th Floor

The workshops take place in
Salon Drummond Ouest, 3rd Floor
Salon Drummond Centre, 3rd Floor
Salon Drummond Est, 3rd Floor

The Satellite Symposiums take place in
Salon Drummond Ouest, 3rd Floor
Salon Drummond Centre, 3rd Floor
Salon Drummond Est, 3rd Floor
Salon 6-7, 3rd Floor

We would like to thank all the exhibitors

Abbott Vascular*

AngioDynamics*

Ates Medical

Bard Canada*

Boston Scientific*

BTG International Canada

CHS Ltd

Cook Medical*

Cordis Endovascular *

Covidien*

GE Healthcare*

Inter V Medical*

Medtronic*

Philips*

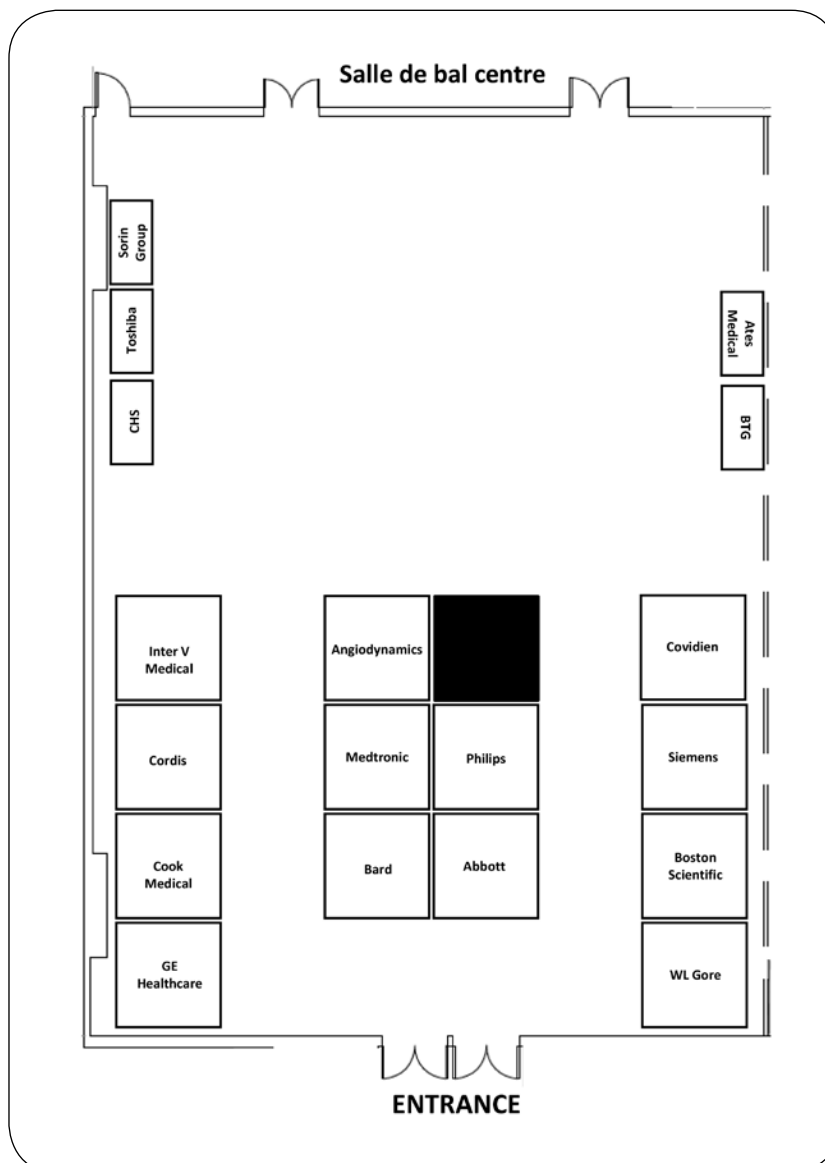
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Toshiba

W. L. Gore & Associates*

* CIRA Corporate Partners



Speakers and Moderators

Deborah ABNER, N, B.Sc, M. ScN, CETN(C)
Enterostomal Therapy Nurse, McGill
University Health Centre, Montréal GH

Robert ABRAHAM, MD, FRCPC – Associate
Professor, Diagnostic and Interventional
Radiology, Dalhousie University, Halifax

Sriharsha ATHREYA, MS, FRCS, FRCR
Assistant Professor, McMaster University Faculty
of Health Sciences Lead Angio Interventional
Radiologist St. Joseph's Healthcare Hamilton

James BENENATI, MD – Clinical Professor of
Radiology, Florida International University
School of Medicine, Miami, USA

Andrew BENKO, MD, FRCPC, CSPQ – Chief of
Angiography & Interventional Radiology, CHUS;
Associate Professor, University of Sherbrooke

John BENNETT, MDCM, FRCPC – CEO VenaCare®,
Radiologist MyHealth Centres, London

Jane BONK, MRT – Medical Radiation
Technologist, Lakeridge Health, Oshawa

Louis BOUCHARD, MD, FRCPC – Professeur
adjoint de Clinique, CHUM St-Luc, Montréal

Louis-Martin BOUCHER, MD, PhD – Assistant
Professor, McGill University; Staff Interventional
Radiologist, McGill University Health Centre,
Montréal

Cori CAUGHLING, MD, FRCPC – Clinical Assistant
Professor, University of Calgary, Foothills Medical
Centre, Calgary

David-Olivier CHAGNON, MD – Non Vascular
Interventional Radiologist, University of
Montréal Hospital (CHUM); Assistant Professor,
University of Montréal

Patanjali CHATURVEDI, FRCPC, MBBS, MS,
MDCS, FRCR – Clinical Assistant Professor,
Medical Imaging, University of Saskatchewan,
Regina

Mary Lou CHAULK, RN – Staff Nurse in
Interventional Radiology, Annapolis Valley
Health, Kentville

Peter COLLINGWOOD, MD, FRCPC – Clinical
Associate Professor, Memorial University,
St John's

Diane DIVITCOS, RN, BScN – VIR Staff RN, UHN,
Toronto General Division, Toronto

Marie-France GIROUX, MD, FRCPC, CSPQ,
A.B.R. – Interventional Radiologist, University
of Montréal Hospital (CHUM); Interventional
Radiology Fellowship Program Director of
the U. of Montréal; Associate Professor, U de
Montréal

Adnan HADZIOMEROVIC, MD – Head, Angio
and Interventional section, Department of
Medical Imaging, The Ottawa Hospital;
Associate Professor, U of Ottawa

Brad HALKIER, MD, FRCPC – Clinical Associate
Professor, Head, Division of Neuroradiology,
Vancouver General Hospital, Vancouver

John KACHURA, MD, FRCPC – Vascular and
Interventional Radiologist, University Health
Network and Mount Sinai Hospital; Associate
Professor, Department of Medical Imaging,
University of Toronto VIR Fellowship Supervisor,
UHN/MSH and U. of Toronto

John KAUFMAN, MD – Director, Dotter
Interventional Institute, Portland, USA

Darren KLASS, MD, FRCPC, PhD, MBChB FRCR –
Clinical Assistant Professor, Dept. of Radiology,
Division of Interventional Radiology, University
of British Columbia; Interventional Radiologist,
Vancouver Coastal Health, Vancouver

Amol MUJUMDAR, MD, FRCPC – Assistant
Professor, Western University, IR Fellowship
Program Director, London

Richard OWEN, MD, FRCR, MRCP – Associate
Professor, University of Alberta, Edmonton

Pierre PERREAULT, MD, FRCPC – Assistant Pro-
fessor, University of Montréal Hospital (CHUM),
Montréal

Stefan PRZYBOJEWSKI, MBChB, MMed Rad D,
FCR Diad (SA), Dip Pec(SA) – Interventional
Radiologist, Clinical Assistant Professor,
University of Calgary

André ROUSSIN, MD, FRCPC – Professeur
agrégé, dép. de médecine, U de Montréal; Chef
adjoint, service de médecine interne;
Responsable du laboratoire de médecine
vasculaire, CHUM-HND; Président de la SSVQ/
QSVS et de Thrombose Canada, Montréal

Françoise RYPENS, MD, FRCPC – Professeure
titulaire de clinique, Département de
radiologie, U de Montréal; Radiologue,
Hôpital Ste Justine, Montréal

Riad SALEM, MD, MBA – Vice-Chair Image-
Guided Therapy and Chief Interventional
Radiology and Oncology, Dep. of Radiology,
Northwestern University, Chicago, USA

Martin SIMONS, MD, FRCPC, FSIR – Assistant
Professor of Medical Imaging, JDMI UHN/MSH/
WCH University of Toronto

Gilles SOULEZ, MD – Professeur titulaire,
Département de radiologie, CHUM; U de
Montréal, Directeur département de
radiologie, radio-oncologie et médecine
nucléaire, Montréal

Mark ST. DENIS, MRT – Technologist in Vascular
Interventional Radiology, UHN, Toronto

Carsten STEVENSON – Product Specialist
Interventional Systems, Ontario

Martin TALBOT, MD, FRCPC – Anesthesiologist,
Assistant Professor, U. of Montréal

KT TAN, MD, FRCS, FRCPC, FRCR – Assistant
Professor, Department of Medical Imaging,
University of Toronto; Head of Interventional
Radiology, University Health Network & Mount
Sinai Hospital, Toronto

Éric THERASSE, MD, FRCPC – Professeur titulaire
de Clinique, Dép. de radiologie, U de Montréal

David VALENTI, MD, FRCPC – Director, Division
of Vascular and Interventional Radiology, McGill
University Health Centre; Assistant Professor,
McGill University, Montréal

Jason K. WONG, MD, FRCPC – Fellowship
Director, Clinical Associate Professor,
Cardiovascular and Interventional Radiology,
Department of Radiology, Foothills Medical
Centre, University of Calgary

Disclosure

The following speakers stated that they **do not have or have not had** a relationship with a healthcare company or organization (pharmaceutical, equipment, research, etc.) in the past 24 months.

Sriharsha ATHREYA

John BENNETT

Jane BONK

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David VALENTI

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Deborah ABNER – Advisory board - Coloplast Ostomy Canada

Robert ABRAHAM – Co-Founder and Chief Medical Officer of ABK Biomedical Inc.; Royalty: Cook Medical Inc.

James BENENATI – Consultant – WL. Gore, Cook Medical, Abbott, AndioDynamics

Andrew BENKO – Consultant/Proctor/Presenter or Research Support from: Boston Scientific, Abbott, Cordis, Cook, GE, Biotronik, Gore, Medtronic

David-Olivier CHAGNON – Speaker - Sanofi

Mary Lou CHAULK – Clinical Specialist - AngioDynamics

Marie-France GIROUX – Research grants - Biotronik, Cordis; Shareholder - Abbott

John KACHURA – Patent co-applicant and Investigator in Sponsored Research between UHN and Bard

John KAUFMAN – Consultant - Bio2, Covidien, Cook, Delcath; Research Support - W.L. Gore, NIH; Stockholder - Hatch Medical, Veniti, Endoshape, VuMedi

Amol MUJOOMDAR – Speaker, Proctor, Moderator - Covidien; Speaker Honorarium - Covidien, Cook Medical

Richard OWEN – Research, Sponsor, Speaker, Proctor of cases - Cook Inc, Covidien, W.L. Gore, Boston Scientific, Biocompatibles

André ROUSSIN – Advisor, Research, Speaker - Bayer, Boehinger-Ingelheim, BMS, Pfizer, Sanofi

Françoise RYPENS – Consultant - CAE Healthcare

Riad SALEM – Advisor BTG - Bayer/Onyx, Merit, Boston Scientific

Gilles SOULEZ – Research Grant - Siemens Medical, Biotronik, Bracco Diagnostic, CAE; Speaker - Cook Medical, Bracco Diagnostic

Carsten STEVENSON – Employee of GE Healthcare

KT TAN – Proctor - Cook Medical

Éric THERASSE – Consultant - Cook Medical; Grant Holder - J&J Medical Systems

Jason K.WONG – Consultant, Speaker - Gore, Cook, Covidien

Disclosure

The following speakers stated that they **will not** discuss or describe the investigational or unlabeled (“off-label”) use of a medical device, product or pharmaceutical that is classified by Health Canada as investigational for the intended use.

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Gilles SOULEZ
Carsten STEVENSON
KT TAN
Jason K.WONG

Agenda

■ Wednesday May 28 2014

7:15 – 8:00 **Breakfast** **Salon 1 Foyer, 2nd Floor**

8:00 – 17:00
Fellows & Residents' Day
Moderator: Peter Collingwood **Salon 1, 2nd Floor**

12:00 – 13:00
PICC Lines Course Lunch **Salon 4-5 Foyer, 2nd Floor**

13:00 – 16:30
PICC Lines Introduction Course for Technologists & Nurses **Salon 4-5, 2nd Floor**
Moderators: Jane Bonk & Mark St. Denis

■ Thursday May 29 2014

7:00 – 17:00 **Registration open**

7:00 – 8:00 **Breakfast** **Salle de bal Centre, 4th Floor**

7:15 – 17:00 **Exhibitors** **Salle de bal Centre, 4th Floor**

8:00 – 9:00
Embolization Session **Salle de bal Ouest, 4th Floor**
Moderator: Marie-France Giroux

8:00 – 8:05
Welcome Presentation
Marie-France Giroux, Jason Wong

8:05 – 8:20
Bronchial embolization
Stefan Przybojewski

At the end of this session, the participant should be able to:

- Understand how to deal with shunts
- Identify what embolic material should be used
- Work-up to embolization

8:20 – 8:35

Pulmonary AVMs embolization

Éric Therasse

At the end of this session, the participant should be able to:

- Describe how to safely embolize pulmonary AVMs
- Select the embolization agents that can be used to treat pulmonary AVMs
- Identify reperfused AVMs and learn how to address their treatment

8:35 – 8:50

Low-flow malformation embolization

Marty Simons

At the end of this session, the participant should be able to:

- Understand the diagnostic features of low-flow venous malformation
- Learn the technique of injection sclerotherapy for low-flow AVM's
- Understand the natural history of low-flow AVM's

8:50 – 9:00

Residents & Fellows Day Best Cases

Peter Collingwood

9:00 – 9:15

Break in Exhibit Area **Salle de bal Centre, 4th Floor Floor**

9:15 – 10:15 **Workshops**

Dialysis access problems; many approaches; many options; they're all (as) good!

Adnan Hadziomerovic, Marty Simons

Salon Drummond Ouest, 3rd Floor

At the end of this session, the participant should be able to:

- Describe the procedure to remove a "stuck" dialysis catheter
- Discuss options for central venous catheters in patients with central venous occlusions
- Share pearls learned over 15 years in practice
- Learn to diagnose dialysis access problems
- See several different treatment options for dysfunctional dialysis access
- Understand the rationale for different treatment options

**MSK symptoms; what do interventionalists have to offer?
(Radioprotection, Infection Control, Room Management)**

Cori Caughlin, Stefan Przybojewski

Salon Drummond Centre, 3rd Floor

At the end of this session, the participant should be able to:

- Understand spine interventions
- Understand non-spine interventions
- Discuss Ultrasound vs Fluoroscopic guidance

Technologists & Nurses: CO2 angiography and interventional oncology

Carsten Stevenson

Salon Drummond Est, 3rd Floor

At the end of this session, the participant should be able to:

- Understand the usefulness of CO2 imaging
- Understand techniques used with CO2
- Understand how advanced applications can help in interventional oncology

10:15 – 10:30

Break in Exhibit Area

Salle de bal Centre, 4th Floor

10:30 – 12:00

Clinical Session

Salle de bal Ouest, 4th Floor

Moderator: Brad Halkier

10:30 – 10:50

Accreditation of IR from the Royal College; so what?

Andrew Benko

At the end of this session, the participant should be able to:

- Understand what subspecialty accreditation entails
- Understand the timeline for getting programs accredited
- Understand how this will influence the future practice of IR in Canada

10:50 – 11:15

How do I organize my clinic?

John Kaufman

At the end of this session, the participant should be able to:

- Understand the rationale for an IR Clinic
- Understand the organization of an IR Clinic
- Understand the operation of an IR Clinic

11:15 – 11:35

CIRA Annual General Meeting

Daniel Bourgeois

11:35 – 12:00

All those new blood thinners I know nothing about ... well almost

André Roussin

At the end of this session, the participant should be able to:

- Understand indications of new anticoagulants
- Understand blood test and bridging
- Understand bleeding management

12:00 – 13:00 **Lunch – Satellite Symposiums**

Inter V Medical presents: Salon Drummond Ouest, 3rd Floor

New Technology and Techniques Improving IVC Filter Placement & Retrieval

With Dr. James Benenati



W.L. Gore presents:

Salon Drummond Centre, 3rd Floor

SFA and PAA Treatment Strategies and Case Review

With Dr. Andrew Benko and Dr. Giuseppe Papia



Covidien presents:

Salon Drummond Est, 3rd Floor

Endoleak after AAA endovascular repair : physiopathology, diagnosis and management

With Dr. Gilles Soulez



Abbott Vascular presents:

Salon 6-7, 3rd Floor

A New Class of SFA Technology – The Leipzig Experience for Optimizing Outcomes with Supera

With Dr. Andrej Schmidt



13:45 – 15:30

Hepatic Session

Salle de bal Ouest, 4th Floor

Moderator: John Kachura

13:45 – 14:05

Tough biliary drainages; tips & tricks

Louis Bouchard

At the end of this session, the participant should be able to:

- Learn the indications for biliary drainage
- Learn how to do it for difficult cases
- Know which material to use

14:05 – 14:30

When liver transplant goes bad; complications & IR solutions*Richard Owen*

- At the end of this session, the participant should be able to:
- Learn techniques for dealing with transplant vascular lesions
 - Determine which equipment is applicable to treat difficult lesions
 - Understand the importance of imaging and biochemistry prior to intervention

14:30 – 14:50

Portal Vein Embolization: how to do it without getting ... stuck*Darren Klass*

- At the end of this session, the participant should be able to:
- Discuss indications and patient selection
 - Describe techniques using cyanoacrylate
 - Discuss potential pitfalls and complications

14:50 – 15:15

BRTO: why, when & how*John Kaufman*

- At the end of this session, the participant should be able to:
- Understand the anatomy of gastric varices
 - Understand the technique of BRTO
 - Understand the outcomes of BRTO

15:15 – 15:30

"Show the panel" case(s)*John Kachura*

- At the end of this session, the participant should be able to:
- Discuss various cases of Hepatic Cases

15:30 – 16:00

Break in Exhibit Area**Salle de bal Centre, 4th Floor**

16:00 – 17:00

Workshops**TIPSS: tips (!) & tricks***Pierre Perreault, John Kaufman***Salon Drummond Ouest, 3rd Floor**

- At the end of this session, the participant should be able to:
- Understand the technique of simple TIPSS
 - Understand the tools for complex TIPSS
 - Understand the approach to complex TIPSS

Anesthesia during IR procedures: how to keep your anesthesiologist happy (and have him come back)*David-Olivier Chagnon, Martin Talbot***Salon Drummond Centre 3rd Floor**

- At the end of this session, the participant should be able to:
- Review considerations specific to delivering anesthesia in areas remote to the operating room
 - Review indications for pre procedural anesthesia consultation
 - Discuss patient positioning during anesthesia in the radiology suite

Technologists & Nurses: bullying in the workplace, an interdiscipline perspective & Patient Safety Check-List*Diane Divitcos, Sriharsha Athreya***Salon Drummond Est, 3rd Floor**

- At the end of this session, the participant should be able to:
- Identify various bullying behaviors
 - Identify how behaviors affect patient care and confidence and all members of the VIR team & their performance
 - Review patient safety in IR
 - Review various IR check lists
 - Review IR check list for use in Canada

18:00 – 19:30

Welcome Reception**Salle de bal Est, 4th Floor****Friday May 30 2014**7:00 – 17:00 **Registration**7:00 – 8:00 **Breakfast****Salle de bal Centre, 4th Floor**7:15 – 17:00 **Exhibitors****Salle de bal Centre, 4th Floor**

8:00 – 9:00

Workshops**Vascular M & M***Marie-France Giroux, KT Tan***Salon Drummond Ouest, 3rd Floor**

- At the end of this session, the participant should be able to:
- Raise awareness of participants about possible unusual vascular clinical problems and complications
 - Bring possible interventional radiology solutions to these unusual situations



- Discuss possible alternatives to the solutions that were used in specific cases
- Discuss how to manage common vascular complications

Lower extremity varicose veins: how do I treat, how do I start? What do I use?

John Kaufman, John Bennett

Salon Drummond Centre, 3rd Floor

At the end of this session, the participant should be able to:

- Understand the evaluation of patients with varicose veins
- Understand the treatment options for varicose veins
- Understand the outcomes of varicose vein treatments
- Understand the technique of endovenous laser vein ablation
- Have knowledge of the ancillary procedures used in treating venous reflux and varicose veins
- Be familiar with the anatomy of the lower limb superficial venous system

Technologists & Nurses: Case Scenarios

Mark St Denis

Salon Drummond Est, 3rd Floor

At the end of this session, the participant should be able to:

- Provide the opportunity for T&N to demonstrate interesting procedures performed at their hospital
- Promote discussions revolving around cases presented by T&N working in Interventional suites
- Provide collaborative discussions revolving around patient care

9:00 – 9:15

Break in Exhibit Area

Salle de bal Centre, 4th Floor

9:15 – 10:30

Arterial Session

Salle de bal Ouest, 4th Floor

Moderator: James Benenati

9:15 – 9:35

Drug Coated Balloons, hope or hype?

Andrew Benko

At the end of this session, the participant should be able to:

- Understand the supportive data for DCBs in the lower extremities
- Describe techniques and typical indications for DCBs
- Discuss how DCBs will likely fit in to our clinical practice

9:35 – 9:55

Clinically managing arterial foot ulcers

Deborah Abner

At the end of this session, the participant should be able to:

- Define arterial ulcers and their characteristics
- Discuss assessment of the patient with arterial ulcers
- Describe effective management strategies for arterial ulcers

9:55 – 10:15

Arterial accesses & closure devices

KT Tan

At the end of this session, the participant should be able to:

- Review current closure devices
- Discuss which device to use in specific scenarios
- Discuss what is the IFU and should we deviate from IT?

10:15 – 10:30

“Show the panel” case(s)

James Benenati

At the end of this session, the participant should be able to:

- Discuss various Arterial Cases

10:30 – 10:45

Break in Exhibit Area

Salle de bal Centre, 4th Floor

10:45 – 12:00

Aorta Session

Salle de bal Ouest, 4th Floor

Moderator: KT Tan

10:45 – 11:05

Non-invasive imaging of aortic pathologies; PAU, IMH & friends

Jason Wong

At the end of this session, the participant should be able to:

- Describe the imaging characteristics of aortic dissection, penetrating atherosclerotic ulcer, and intramural hematoma
- Discuss the role of CT, MRI, US
- Identify the types of aortic dissection and list the indications for treatment

11:05 – 11:25

Type B Aortic dissection: Meds or Stents?

Darren Klass

At the end of this session, the participant should be able to:

- Discuss indications and patient selection for endovascular treatment

- Describe techniques including sizing and stent selection
- Discuss pitfalls and tips to overcome them

11:25 – 11:45

Aortic stent-grafts; fenestrated, branched, chimneys and the rest!

James Benenati

At the end of this session, the participant should be able to:

- Know this indications and therapeutic options for patients with AAAs and challenging anatomy
- Review techniques of fenestration and snorkeling for AAA endografts
- Understand devices available for treating AAAs that require branched or fenestrated devices

11:45 – 12:00

“Show the panel” case(s)

KT Tan

At the end of this session, the participant should be able to:

- Discuss various Aorta Cases

12:00 – 13:00 Lunch – Satellite Symposiums

Cook Medical presents: **Salon Drummond Ouest, 3rd Floor**

Claudicants, Data and Dollars: Does it All Add Up?

With Dr. James Benenati and Dr. Michael Dake



Cordis presents: **Salon Drummond Centre, 3rd Floor**

First Clinical Experiences with INCRAFT Ultra-Low Profile Stent – Graft System

With Dr. Dheeraj Rajan and Dr. Nelson Bernardo



AngioDynamics presents: **Salon Drummond Est, 3rd Floor**

Catheter Related Upper Extremity DVT: Diagnosis and Management

With Dr. David Hahn



13:45 – 15:30

Trauma & Emergencies Session

Moderator: Jason Wong

Salle de bal Ouest, 4th Floor

13:45 – 14:05

The bleeding obstetrical patient

Cori Caughlin

At the end of this session, the participant should be able to:

- Discuss management of post-partum hemorrhage
- Understand treatment strategies for invasive placenta
- Discuss pregnancy after embolization

14:05 – 14:35

Visceral aneurysms

James Benenati

At the end of this session, the participant should be able to:

- Understand frequency of occurrence and locations of visceral artery aneurysms
- Understand therapeutic endovascular options to treat visceral aneurysms
- Understand techniques, risks and complications in treatment of visceral aneurysms

14:35 – 14:55

Busted spleen; proximal or distal embolization?

Stefan Przybojewski

At the end of this session, the participant should be able to:

- Discuss proximal vs distal embolization
- Identify when to embolize
- Discuss how to embolize

14:55 – 15:15

Pelvis trauma; my approach

Brad Halkier

At the end of this session, the participant should be able to:

- Discuss the clinical and radiologic approach to patients with pelvic trauma
- Suggest an algorithm for the role of CT, angiography and embolization in patients with suspected pelvic bleeding in trauma
- Discuss techniques and clinical outcomes in arterial embolization in the acute setting

15:15 – 15:30

“Show the panel” case(s)*Jason Wong*

At the end of this session, the participant should be able to:

- Discuss various Trauma & Emergency Cases

15:30 – 16:00

Break in Exhibit Area**Salle de bal Centre, 4th Floor**

16:00 – 17:00

Workshops**Non-Vascular M & M***Richard Owen, David Valenti***Salon Drummond Ouest, 3rd Floor**

At the end of this session, the participant should be able to:

- Learn about strategies to avoid complications
- Be able to identify specific solutions to common problems
- Identify problem areas in Non Vascular M&M
- Develop an appreciation for the swiss cheese model of medical errors
- See how the experienced deal with unexpected complications and events
- Develop a local strategy for M&M rounds in their centers

Pediatric vascular accesses: PICC Lines; complications & pitfalls*Françoise Rypens, Louis-Martin Boucher***Salon Drummond Centre, 3rd Floor**

At the end of this session, the participant should be able to:

- Understand the specifics of the techniques involved in inserting, monitoring and maintaining a PICC line in premature babies, neonates and young children
- Have learned and shared useful tricks for dealing with difficult situations
- Discuss some typical and more unusual complications that can occur, and how to deal with them

Technologists & Nurses: Discussion (Daily issues, tips to run IR room, patient prep, etc...)*Jane Bonk, Mary Lou Chaulk***Salon Drummond Est, 3rd Floor**

At the end of this session, the participant should be able to:

- Review the following topics: Sterile Tray set up, Patient prep, workload organization, Issues we all have
- Discuss patient preparation, daily issues we all deal with
- Discuss how to best deal with these issues

■ Saturday May 31 20147:00 – 13:00 **Registration**7:15 – 8:00 **Breakfast****Salle de bal Centre, 4th Floor**7:15 – 11:00 **Exhibitors****Salle de bal Centre, 4th Floor**

08:30 – 10:25

Oncology Session**Salle de bal Ouest, 4th Floor***Moderator: David Valenti*

08:30 – 08:55

The bread & butter of hepatic chemoembo & Challenging TACE*David Valenti*

At the end of this session, the participant should be able to:

- Review patient selection and pre-procedure evaluation
- Discuss techniques and the many variants
- Review expected outcomes

08:55 – 09:35

Cancer concepts and principles for the IR*Riad Salem*

At the end of this session, the participant should be able to:

- Learn about the language of oncology as it relates to IR
- Understand the level of evidence of oncology therapies
- Learn to devise a strategy for IO training

09:35 – 09:50

Renal ablation of RCC: current status and tips and tricks for success*Amol Mujoomdar*

At the end of this session, the participant should be able to:

- Review current status of renal ablation for management of renal carcinoma
- Review different treatment modalities with RFA, microwave and cryoablation
- Discuss difficult cases/lesions with case examples

09:50 – 10:25

Radioembolization: when to use and what is the data?*Riad Salem*

At the end of this session, the participant should be able to:

- Learn about current indications
- Learn about niche applications (PVT, neoadjuvant to surgery)
- Discuss long-term outcomes

10:25 – 10:55

Break in Exhibit Area**Salle de bal Centre, 4th Floor**

10:55 – 12:30

Our Future! Session**Salle de bal Ouest, 4th Floor***Moderator: Bob Abraham*

10:55 – 11:15

Advanced image guidance for endovascular intervention: where is the beef?*Gilles Soulez*

At the end of this session, the participant should be able to:

- Understand the concept of 2D/3D fusion using cone beam CT
- Learn the advantage and limitations of 2D/3D fusion for EVAR procedure
- Learn the advantage and limitations of 2D/3D fusion and perfusion software during embolization procedures

11:15 – 11:45

Renal denervation; tell me where we stand now*Éric Therasse*

At the end of this session, the participant should be able to:

- Learn the current status of Renal Denervation technology
- Review techniques for Denervation
- Understand outcomes of trials for Renal Denervation

11:45 – 12:05

Prostate embolization*Patanjali Chaturvedi*

At the end of this session, the participant should be able to:

- Understand the Prostate Artery anatomy and imaging optimization
- Discuss the technique of Prostate Artery Embolization
- Discuss preliminary results

12:05 – 12:30

"Show the panel" case(s)*Bob Abraham*

At the end of this session, the participant should be able to:

- Discuss Future technology in IR

Closing Remarks*Marie-France Giroux & Jason Wong*

**Don't forget to fill out
your evaluation form.**



Notes

A large area of the page is filled with horizontal lines, providing space for handwritten notes. The lines are evenly spaced and extend across most of the width of the page.



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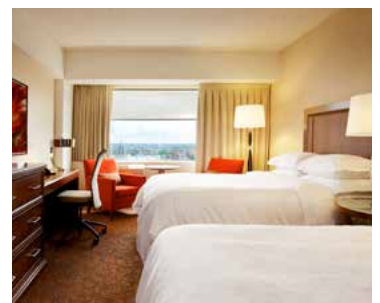
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Looking forward to having you back!

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