



CANADIAN INTERVENTIONAL
RADIOLOGY ASSOCIATION
ASSOCIATION CANADIENNE
DE RADIOLOGIE D'INTERVENTION

Guiding innovative care
Guider l'innovation des soins

16th CIRA Annual Meeting

June 1-3 2017

Fellows & Residents Day
May 31st

Introduction to IR
for MRT & RN
May 31st

www.ciraweb.org

PROGRAM 2017



Objectives of the seminar

Through the years, CIRA has strived to deliver world-class IR education through an academic program that addresses the various facets of IR. On behalf of the scientific committee, we welcome you to Montreal, Quebec, for the most comprehensive IR educational experience in Canada.

As in previous years, the program incorporates many facets of the interventional radiology practice with vascular, non-vascular and oncology themes relevant to both academic and community practices. To enhance the breadth of knowledge and techniques in IR, we have recruited respected members from across our Canadian IR community, as well as illustrious international guest speakers whom we are honoured to welcome.

We are always looking for ways to bring more interactivity into our sessions. In addition to our interactive workshops, we have introduced a “hands-on” workshop on percutaneous ablation. This will allow participants to use different ablation vendors for RFA and microwave, and sample the newest technology in thermal ablation. Due to the resounding positive feedback from our previous meeting, we have brought back the “Difficult Case Panel Presentation” and a “Multidisciplinary Panel Case Presentation” which we hope will simulate real-life situations and help our members enhance complex decision-making in their own practice.

In accordance to our newly achieved sub-specialty recognition and the growing clinical role of IR, we are incorporating more clinical content, including showcasing successful examples of practice building in academic and community models and have emphasized multidisciplinary collaboration.

New plenary sessions will address IR controversies, including the Health Canada warning on IVC filters along with different patient care pathways utilized by Canadian centres to ensure timely IVC filter removals, and techniques to remove difficult filters. Our speakers will also explore the latest evidence in advanced technologies, including drug-eluting systems for PVD and advanced techniques in Interventional Oncology. We will also look into the future of our specialty and explore the vision for IR practice as imagined by leaders in our field.

The MRT and RN portion of the program will be exploring various procedures, interventions and improvement of work flow efficiencies, from an IR technologist and nurse perspective.

We hope our attendees will enjoy the program we have planned and enjoy the exciting city of Montreal.

*Dr. Tara Graham, Dr. Amol Mujoomdar & Dr. Jason Wong, Program Chairs
Jane Bonk & Mark St. Denis, Technologists & Nurses Program Chairs*

Learning Objectives

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

1. Review the role of drug-eluting technologies in the treatment of peripheral vascular disease
2. Discuss the advantages and disadvantages of maintaining a close relationship with diagnostic radiology
3. Discuss the advantages and disadvantages of prophylactic IVC filters in high risk patients
4. Review the indications for IVC filters and the latest data regarding outcomes
5. Review the status of IVC filters in Canada
6. Review different strategies and models in Canadian hospitals in response to the Health Canada warning for IVC filter management
7. Review different techniques in difficult IVC filter removal
8. Review the procurement process, and why IR should be involved
9. Review cone beam CT techniques in interventional oncology
10. Apply strategies to improve patient safety in IR
11. Review thermal ablation techniques and literature for management of metastatic colorectal carcinoma
12. Assess the role of Y90 radioembolization in the management of metastatic colorectal carcinoma
13. Exchange opinions and experience in challenging cases through workshops, debates and panel cases
14. Discuss the future direction of IR

CME 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).

Target Audience

This CME event will be of great interest to Interventional Radiologists, radiology residents, Interventional Radiology Fellows as well as technologists and Nurses working in Interventional Radiology. This event could be of interest for any healthcare provider with an interest in Interventional Radiology.

Needs Assessment

This program was developed based on feedback received from the evaluation forms collected during the SIR, CIRSE and CIRA Annual Meetings.

INVITED GUEST SPEAKERS



William T. Kuo

Dr. Kuo is Associate Professor of Interventional Radiology at the Stanford University School of Medicine where he is Director of the IR Fellowship Program, Director of the Integrated IR-DR Residency Program, and Founding Director of the Stanford IVC Filter Clinic. Dr. Kuo is a recognized expert on advanced IVC filter retrieval, venous interventions, and catheter-directed therapy (CDT) for acute pulmonary embolism (PE). His landmark PE meta-analysis was the first to reveal the safety and effectiveness of CDT as a life-saving procedure for acute PE, leading to major changes in treatment guidelines; and he initiated the world's first multicenter registry on CDT for acute PE. He has written many seminal and award-winning papers, and his work is cited in all major guidelines on antithrombotic therapy.

At Stanford, Dr. Kuo pioneered several techniques including excimer laser-assisted IVC filter retrieval for which he received the Gary Becker Young Investigator Award, and his team at Stanford was the first to perform this procedure in humans. His innovations have changed the paradigm on managing embedded vena cava filters, allowing thousands more patients each year to achieve successful filter removal. He is frequently invited to lecture around the country and abroad, and he has testified as an expert before the FDA. Dr. Kuo has established the Stanford IVC Filter Clinic as a quaternary referral center that accepts challenging cases from around the country and around the world. His innovative work has been featured on multiple media outlets including Canadian CTV network, ABC News, and NBC Nightly News.



Michael Lee

Professor Lee completed his radiology residency in Ireland. He completed his IR & Abdominal Imaging Fellowships at Massachusetts General Hospital (MGH) and Harvard Medical School. He returned to Ireland in 1995 as professor of Radiology at the Medical School of the Royal College of Surgeons in Ireland and Consultant Interventional Radiologist at Beaumont Hospital in Dublin.

Professor Lee has been president of the International Society of Hepato-Biliary and Pancreatic Diseases. He was the President of CIRSE in 2011-2013. He is also the secretary of the IR division at UEMS. He is on the editorial board of many journals, including CVIR and is the European editor of Seminars in Interventional Radiology. He is a Fellow of both CIRSE and SIR and obtained the EBIR in 2010. He is an honorary fellow of the Chinese Society of Interventional Radiology (CSIR), the Interventional Radiology Society of Australasia (IRSA), the Hellenic Society of IR and the Czech Society of IR. During his tenure with CIRSE he was instrumental in bringing the patient safety agenda into focus, brought dedicated educationalist experience to the EBIR and negotiated the acceptance of the EBIR and IR curriculum with both IRSA and RANZCR in Australia and New Zealand.

He has published widely on Interventional Radiology topics with over 200 peer reviewed publications and 80 chapters and reviews. He has also co-edited the textbook "Interventional Radiology: The Requisites", and is series co-editor for six books on Techniques in Interventional Radiology. He is currently completing a book on IR for medical students.

He received the Editors medal for the best paper published in Clinical Radiology in 2008. He recently received the Gold Medal from CIRSE (Cardiovascular and Interventional Radiology Society of Europe).

He has given over 200 lectures all over the world on IR techniques and was chosen to give the Eponymous Wattie Fletcher lecture at BSIR and the Tesla lecture at RCR. He has also introduced an 8 hour IR teaching curriculum into the RCSI medical school 3 years ago, firmly believing that medical students must be taught IR at an early stage. He is also a strong believer in clinical practice for IR.



Constantinos Sofocleous

Pr. Sofocleous has been practicing Interventional Radiology since 1998, and joined the Interventional Radiology service at Memorial Sloan Kettering Cancer Center in 2002.

His areas of expertise include the treatment of primary and metastatic cancers of the liver and lung using thermal ablation (radiofrequency, Microwave, cryoablation, etc) or non thermal energy sources (nanoknife or irreversible electroporation). He also specializes in catheter directed therapies to treat liver tumors.

Pr. Sofocleous' particular interest in research is the assessment, validation and development of biomarkers and surrogate imaging biomarkers that can predict outcomes and help stratify patients undergoing ablation and imaging guided locoregional treatment of tumors, particularly colon cancer metastases. He has also published extensively on the treatment of colorectal, neuroendocrine and breast cancer liver metastases treated by image guided therapies including radiofrequency ablation, small particle bland embolization and radioembolization or selective internal radiation therapy with Yttrium 90 microspheres. He has also studied and published on the effect of drug eluting beads (DEB-TACE) to treat primary liver cancer. Currently, Pr. Sofocleous is the MSKCC primary investigator in a new multi-institutional, randomized controlled trial where they assess the value of treating patients with colorectal cancer liver metastases with Yttrium 90 glass microspheres in addition to standard of care second line chemotherapy. He is also the primary investigator of an ongoing NIH initiated and supported study of examining tissue the ablation zone of liver metastases to predict treatment outcome.

Despite his strong interest in research, his main focus remains the care of patients. Every cancer has a unique identity, so treatment must be tailored to each patient and each situation.

ONSITE INFORMATION

Registration Desk Hours

Thursday	June 1	7:00 – 17:00
Friday	June 2	7:00 – 17:00
Saturday	June 3	7:30 – 13:00

Exhibit Hall Hours

Thursday	June 1	7:15 – 17:00
Friday	June 2	7:15 – 17:00

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 Westin Montréal

All plenary sessions take place in **Montréal CD, 11th Floor**

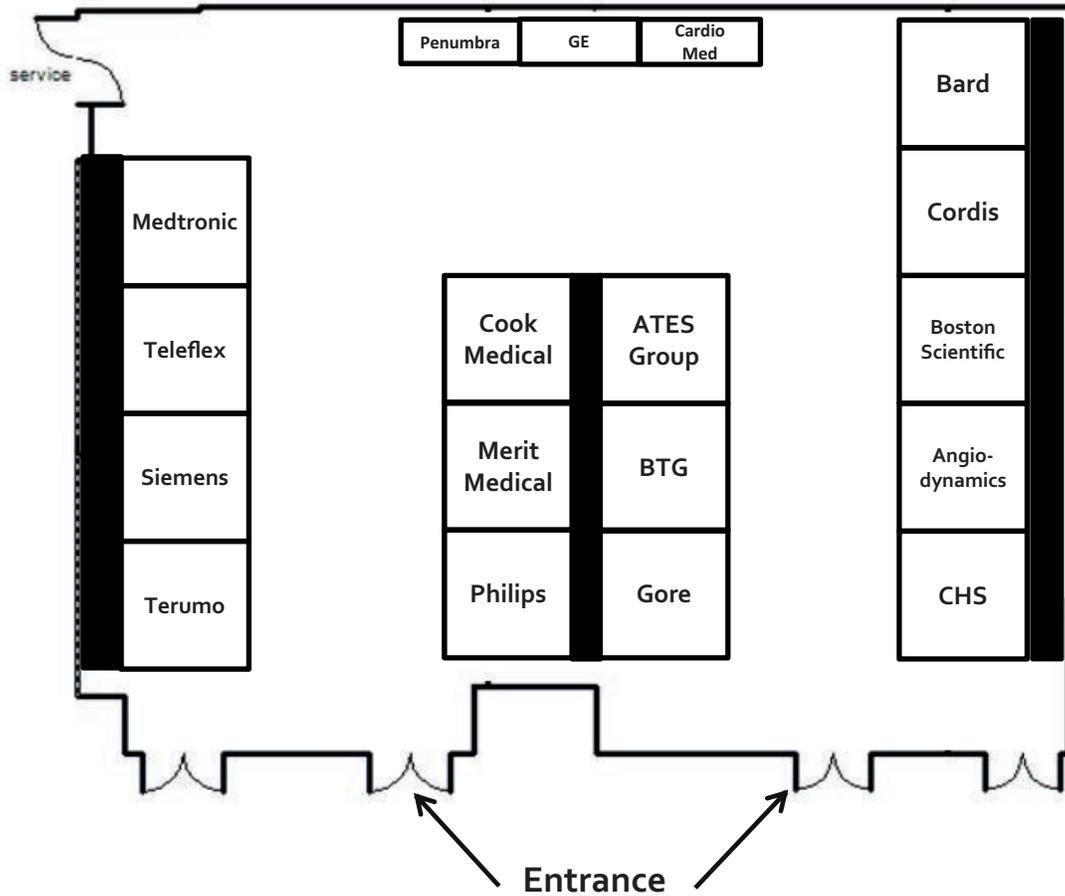
Exhibits and all Breakfasts & Coffee Breaks take place in **Montréal AB, 11th Floor**

The Welcome Reception will take place in **Fortifications, 9th Floor**

The workshops will take place in **Ville-Marie A, 9th Floor**
Saint-Antoine A, 9th Floor
Saint-Antoine B, 9th Floor

WE WOULD LIKE TO THANK ALL THE EXHIBITORS

Montreal AB



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|---------------------------|--------------------------|
| AngioDynamics* | GE Healthcare |
| Ates Medical* | Medtronic* |
| Bard Canada* | Merit Medical* |
| Boston Scientific* | Penumbra |
| BTG International Canada* | Philips* |
| CardioMed | Siemens* |
| CHS Ltd* | Teleflex* |
| Cook Medical* | Terumo* |
| Cordis* | W. L. Gore & Associates* |

* CIRA Corporate Partners

SPEAKERS AND MODERATORS

Jeffrey BARKUN, MD, CM MSc, FRCS(C)
Professor of Surgery, McGill University; Chief Clinical Officer, Technological Transition, McGill U Health Center; Montréal

Andrew BENKO, MD, FRCPC, C.S.P.Q
Chief of Angiography & Interventional Radiology, CHUS; Associate Professor, U. of Sherbrooke

Errol CAMLIOGLU, MD, MSc, BSc, FRPCP
Chief, Division of Interventional Radiology, Jewish General Hospital; Assistant Professor, Dept. of Radiology, McGill University, Montreal

Véronique CATY, MD, FRCPC
Professeur Adjoint de clinique, U. de Montréal

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

Julie COUDÉ, MRT
Coordonatrice technique de l'Angioradiologie, St-Jérôme

Tara GRAHAM, MD, FRCPC
Vascular & Interventional Radiologist, Trillium Health Partners, Mississauga; Lecturer, University of Toronto Faculty of Medicine

Mark GIVEN, MRT(MR), RTR
Director of Professional Practice, Canadian Association of Medical Radiation Technologists (CAMRT), Ottawa

Ravindra GULLIPALLI, MBBS MRCS FRCR
Clinical Assistant Professor, Memorial U; Chief of IR, Eastern Health; Interventional Radiologist, St Clare's Mercy Hospital, St. John's

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

Jeffrey JASKOLKA, MD, FRCPC
Interventional Radiologist, William Osler Health Centre; Clinical Adjunct Professor, U of Toronto

William T. KUO, MD, FSIR, FCCP, FSVM
Director, Stanford IVC Filter Clinic; Director, IR Fellowship Program; Founding Director, IR-DR Residency Program; Associate Professor, Interventional Radiology; Stanford University Medical Center, Stanford, CA, US

Michael LEE, MSc, FRCPI, FRCR, FFR(RCSI), EBIR, FSIR
Professor of Radiology & Consultant in Interventional Radiology; RCSI Radiology; Beaumont Hospital, Dublin, Ireland

Karen MACDONALD, RN
Clinical Coordinator of the Joint Department of Medical Imaging, Toronto General Hospital, UHN, Toronto

Alexandre MENARD, MD
Assistant Professor Department of Diagnostic Imaging, Queen's University, Kingston

Amol MUJOOMDAR, MD, FRCPC
Interventional Radiologist, Victoria Hospital-LHSC, IR Fellowship Director, Western U; Associate Professor of Medical Imaging, Oncology, London

Richard OWEN, MD, FRCR, MRCP
Associate Professor, Site Head Department of Radiology, University of Alberta, Edmonton

Dheeraj RAJAN, MD, FRCPC, FSIR
Professor of Radiology, U of Toronto; Division Head, VIR, U of Toronto

Drew SCHEMMER, MD, FRCPC
Vascular and Interventional Radiologist, Royal Victoria Hospital, Barrie

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

Constantinos SOFOCLEOUS MD, PhD, FSIR, FCIRSE
Professor of Radiology, Weill-Cornell Medical College; Attending Physician, Interventional Radiology; Memorial Sloan Kettering Cancer Center, NY, US

Gilles SOULEZ, MD, FRCPC, MSc
Professor and Chairman dpt of Radiology, Radiation Oncology and Nuclear Medicine, University of Montreal

Lawrence STEIN, MD
Associate Professor, Abdominal Imaging; Department of Diagnostic Radiology; McGill University Hospital Center, Montreal

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

David VALENTI, MD, CM, FRCPC
Division Head, Interventional Radiology, McGill University Health Centre; Director IR Fellowship Program, McGill University, Montreal

Jason WONG, MD, FRCPC
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.

Jeffrey BARKUN

Marie BERTRAND

Annie BILODEAU

Jane BONK

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Drew SCHEMMER

Martin SIMONS

Mark ST. DENIS

The following speakers stated that they **do have or have had** a relationship with a healthcare company or organization (pharmaceutical, equipment, research, etc.) in the past 24 months.

Andrew BENKO—Boston Scientific, Medtronic, Cordis

Véronique CATY—Co-investigator: Biotronik

Adnan HADZIOMEROVIC—Consultant: Cook Medical

Alexandre MENARD—Proctor: Philips Imaging

Amol MUJOOMDAR—Speaker, Honorarium: Medtronic, BTG, LivaNova; Trial investigator: BTG

Richard OWEN—Honorarium: Cook Medical, BTG; Research grant: Bayer; Principle Investigator: Bayer, BTG

Dheeraj RAJAN—Honorarium: CR Bard

Constantinos SOFOCLEOUS—Consultant: Newwave, Sirtex; Investigator: Newwave, Sirtex, BTG, Theraspheres

Gilles SOULEZ—Honorarium: Siemens Medical, Biotronik, Cook Medical, TVA Medical; Trial investigator: Siemens Medical, Biotronik, TVA Medical

Lawrence STEIN—Retirement Fund: Abbott, Medtronic, Johnson & Johnson, Sanofi

KTTAN—Clinical trials: Cook Medical, Medtronic, Lutonic, Boston Scientific, Hemostemic, Gore Medical

David VALENTI—Advisory Board: GE Medical; Clinical trials: BTG

Jason WONG—Advisory Board: BTG, Pfizer; Speaker: Boston Scientific, Cook Medical; Clinical trial: BTG

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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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William KUO
Richard OWEN
Gilles SOULEZ
Jason WONG

AGENDA

All 15-40 minutes plenary talks include a 5-minutes period for Questions and Answers (Question period).

All workshops are fully interactive (Panel discussion with audience participation).

The Multi-Disciplinary Board consist of a 40-minute didactic segment, followed by 10 minutes of discussion activity with the participants (Expert Encounter & Panel Discussion with Audience Interaction).

Wednesday May 31 2017

7:15 – 8:00 **Breakfast** **Foyer, 9th Floor**

8:00 – 17:00

FELLOWS & RESIDENTS DAY

Moderator: Peter Collingwood

Saint-Antoine A, 9th Floor

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

- Demonstrate complications of common and unusual interventional radiology cases.
- Describe new techniques used in common and unusual interventional radiology cases.
- Integrate innovative approaches to common and unusual interventional radiology cases.

12:00 – 13:00

Techs & Nurses Course Lunch

Ville-Marie A&B, 9th Floor

13:00 – 17:00

INTRODUCTION TO IR FOR TECHNOLOGISTS & NURSES

Moderators: Jane Bonk & Mark St. Denis

Saint-Antoine B, 9th Floor

Thursday June 1 2017

7:00 – 17:00 **Registration Open**

7:00 – 8:00 **Breakfast** **Montréal AB, 11th Floor**

7:15 – 17:00 **Exhibitors** **Montréal AB, 11th Floor**

8:00 – 9:10

OPENING SESSION

Moderator: Amol Mujoomdar

Montreal CD, 11th Floor

8:00 – 8:10

Welcome Presentation

8:10 – 8:50

Future of IR & International collaboration

Michael Lee

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

- Assess the future direction of IR
- Apply knowledge gained to own practice
- Plan and organize to meet the future

8:50 – 9:10

CIRA Annual General Meeting

Darren Klass

9:10 – 9:30

Break in Exhibit Area **Montreal AB, 11th Floor**

9:30 – 10:30

WORKSHOPS

Viagra Session: tips & tricks from the old folks

Martin Simons, Peter Collingwood, Richard Owen

Ville-Marie A, 9th Floor

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

- Apply techniques that are older but still valuable
- Integrate knowledge learned through misadventures
- Identify pitfalls of IR practice
- Develop a strategy of getting out of trouble in difficult and challenging cases
- Determine pitfalls and situations to avoid in IR
- Discuss novel techniques and equipment uses to salvage difficult cases and unexpected challenges

Women's Imaging beyond UFE*Adnan Hadziomerovic, Véronique Caty***St-Antoine B, 9th Floor**

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

- Differentiate causes of post-partum haemorrhage and plan treatment accordingly
- Discuss IR involvement in women with abnormal placental implantation
- Evaluate and participate in care of women with various causes of menorrhagia.

Technologists & Nurses: Cases with Onyx*Julie Coudé***St-Antoine A, 9th Floor**

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

- Define the characteristics of Onyx
- Describe the use of Onyx
- Review various cases of embolization

10:30 – 10:50

Break in Exhibit Area**Montreal AB, 11th Floor**

10:50 – 12:00

MANAGEMENT OF BILIARY DISEASE SESSION*Moderator: David Valenti***Montreal CD, 11th Floor**

10:50 – 11:10

History of IO*Constantinos Sofocleous*

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

- Review the origins of interventional oncology, and how it developed from IR
- Recognize the importance of IO within the broader oncology sphere
- Discuss how to build a specialty

11:10 – 11:50

Multi-Disciplinary Board: Malignant and Non-Malignant Biliary Disease ERCP*Lawrence Stein, Constantinos Sofocleous, Jeff Barkun, Richard Owen*

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

- Review indications & contra-indications for biliary drainage
- Discuss differences between the management of benign & malignant obstruction
- Explain the role of stenting in benign and malignant disease

11:50 – 12:00 **Wrap-up discussions***David Valenti*12:00 – 13:00 **LUNCHEONS****Ville-Marie A, 9th floor****Saint-Antoine A 9th floor****Saint-Antoine B 9th floor**

13:45 – 15:30

PANEL: «HOW I WOULD HAVE DONE THINGS DIFFERENTLY»*Moderators: Andrew Benko***Montreal CD, 11th Floor**

13:45 – 14:10

Fellows & Residents Day Best Cases*Peter Collingwood*

14:10 – 14:30

CIRA Update*Jason Wong*

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

- Interpret the goals of the CIRA organization
- Update on current and future projects
- Discuss how members can become more involved

14:30 – 15:30

Panel discussions "How I would have done things differently"*Michael Lee, William Kuo, Constantinos Sofocleous*

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

- List major contraindications to tPA thrombolysis for acute VTE
- Explain the definition and role of mechanical-only catheter-directed thrombectomy for acute VTE
- Identify basic indications for vena cava filter placement
- Select appropriate methods to deal with complications
- Apply knowledge to deal with adverse events
- Avoid potential complications

15:30 – 16:00

Break in Exhibit Area**Montreal AB, 11th Floor**

16:00 – 17:00

WORKSHOPS**M & M Vascular***Ravindra Guillipalli, Adnan Hadziomerovic***Ville-Marie A, 9th Floor**

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

- Describe potential complications of arterial procedures
- Discuss tips and tricks to avoid / deal with arterial complications
- Recognise clinical outcomes from vascular complications
- Discuss different solutions for these complications
- Demonstrate how to approach complex cases

Liquid Embolization*David Valenti, KTTan***St-Antoine B, 9th Floor**

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

- Explain different properties of liquid embolic agents
- Integrate where and when to use these agents
- Discuss limitations and risks of these agents

Technologists & Nurses : RN expanding role in Medical Imaging: Achieving safe and efficient patient-focused care*Karen MacDonald***St-Antoine A, 9th Floor**

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

- Recognise the challenges and pressures inpatient units and medical imaging departments experience
- Identify the impact of the Inpatient Clinical Coordinator's role on multidisciplinary communication, efficiency, safety and enhanced patient experience
- Appraise how the role has evolved from the original concept of patient triage and workflow, into a role that is an advocate for the patient in a time-sensitive intersect of two complex practice environments

18 :00 - 19 :30

WELCOME RECEPTION**Fortifications, 9th Floor****Friday June 2 2017**

8:00 – 9:00

WORKSHOPS**M & M Non Vascular***Alexandre Menard, Drew Schemmer***Ville-Marie A, 9th Floor**

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

- Determine ones limitations, know when to say «no»
- Predict how preparation is more valuable than completing the case
- Recognize possible complications in non vascular procedures
- Distinguish when to turn down an interventional procedure

Chronic Limb Ischemia*Jeffrey Jaskolka, Gilles Soulez***St-Antoine B, 9th Floor**

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

- Select the patients requiring endovascular intervention for CLI
- Discuss the indications of POBA, DES, DCB and covered stent
- Discuss the different technical approaches for CTO and infra-popliteal lesions
- Describe several techniques for crossing chronic total arterial occlusions
- List several options for arterial access in treatment of CLI
- List several devices for creating and maintaining vessel patency after lesion crossing

Technologists & Nurses: Advanced Practice in Medical Imaging: An Interventional Radiology Focus*Marc Given***St-Antoine A, 9th Floor**

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

- Differentiate between entry to practice & advanced practice for MRT's
- Identify potential advance practice roles within their facilities
- Consult a team to develop a potential advanced practice role within their workplace

9:00 – 9:20

Break in Exhibit Area**Montreal AB, 11th Floor**

9:20 – 10:35

PVD SESSION*Moderator: Jeffrey Jaskolka***Montreal CD, 11th Floor**

9:20 – 9:50

Drug eluting technologies in the lower limb: What do the trials tell us*Michael Lee*

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

- Assess the current evidence in terms of drug eluting technology
- Transfer knowledge gained to practice
- Critically analyze studies on drug eluting technology

9:50 – 10:10

Drug Eluting Balloons : single centre real world experience*Ravindra Gullipalli*

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

- Recognise the role of DEB in current management of PVD
- Analyze the advantages of DEB in current practice
- Interpret the limitations of DEB

10:10 – 10:35

Management of the Diabetic foot*Michael Lee*

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

- Apply the knowledge gained to improve diabetic foot management
- Establish management pathways in IR practice
- Organise and participate in a multidisciplinary approach

10:35 – 10:50

Break in Exhibit Area**Montreal AB, 11th Floor**

10:50 – 12:00

CLINICAL SESSION**Montreal CD, 11th Floor***Moderator: Amol Mujoomdar*

10:50 – 11:05

Clinical Experience in Barrie*Drew Schemmer*

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

- Apply for admitting PRIV's
- Estimate the importance of «branding»
- Develop relationships with referring MD's and hospital administrations

11:05 – 11:20

How to build a vascular practice*Andrew Benko*

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

- Define the key elements of a vascular practice
- Identify the strategies to increase direct referrals
- Determine the requirements to build and maintain a vascular practice

11:20 – 11:35

Procurement and its importance*Dheeraj Rajan*

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

- Describe what a purchasing organization does
- Discuss the advantages of a purchasing organization for a medical system
- Discuss potential disadvantages of the procurement process

11:35 – 12:00

Discussions

12:00 – 13:00

LUNCHEONS

Ville-Marie A, 9th floor
Saint-Antoine A 9th floor
Saint-Antoine B 9th floor

13:45 – 15:30

DEBATES SESSION*Moderator: Tara Graham***Montreal CD, 11th Floor**

13:45 – 14:10

Should IR and DR be separate entities*Andrew Benko, Errol Camlioglu*

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

- Describe the importance of Branding
- Define Monopoly
- Reiterate the pitfalls of Hubris
- Analyse the rationale of having distinct services
- Identify the advantages of having a distinct IR service
- Identify the risks of having distinct services

14:10 – 14:35

DE Stent vs DE Balloon in PVD*Drew Schemmer, Jeffrey Jaskolka*

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

- Explain the benefits of drug eluting technology in the infrainguinal arteries
- Describe the differences between drug elution from stents and balloons
- Recognize the seminal articles and highest quality literature regarding drug eluting technologies in the peripheral arteries
- Identify the advantages / disadvantages of DEB
- Identify when to use 1* + 2* DEB use
- Describe the current 1* + 2* outcomes of DEB

14:35 – 15:00

Trauma Propholactic Filters Debate*David Valenti, Martin Simons*

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

- Discuss the indications for IVC filter insertion
- Determine the use of IVC filters in trauma
- Evaluate the risk of IVC filter insertion and removal

15:00 – 15:30

Wrap-up discussions*Tara Graham*

15:30 – 16:00

Break in Exhibit Area**Montreal AB, 11th Floor**

16:00 – 17:30

WORKSHOP**Hepatic mets and lung ablation & Devices***Constantinos Sofocleous, Amol Mujoomdar, Jason Wong***St-Antoine A, 9th Floor**

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

- Evaluate the efficiency of thermal ablation of liver and lung metastases using case examples
- Compare different ablation technologies using a hands on approach
- Judge newer ablation technologies, including micro wave ablation

Saturday June 3, 2017

09:00 – 10:30

IVC FILTERS SESSION*Moderator: Adnan Hadziomerovic***Montreal CD, 11th Floor**

09:00 – 09:25

Justifying Use of Vena Cava Filters: An Update on Current Indications*William Ku*

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

- Identify the strengths and limitations of existing Level 1 data on IVC filters
- Identify the rationale and accepted indications for IVC filter placement
- Explain the controversies and potential complications from indwelling IVC filters

09:25 – 9:45

Status of IVC Filters Management in Canada*Amol Mujoomdar, Tara Graham*

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

- Review IVC removal database (programs across Canada)
- Implement IVC removal database at home hospital
- Review the IVC filters warning from Health Canada and implications to IR's
- Compare the process for insertion and removal at various Canadian Institutions
- Design a process on IVC filters for their institution

9:45 – 10:15

Laser-Assisted IVC Filter Retrieval: State of the Art*William Kuo*

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

- Determine the diagnosis and prognosis of an embedded IVC filter
- Identify the potential risks and benefits of advanced IVC filter retrieval
- Summarize the basic principles of excimer laser-assisted IVC filter removal

10:15 – 10:30

Wrap-up discussions*Adnan Hadziomerovic*

10:30 – 10:50

Break in Exhibit Area**Montreal AB, 11th Floor**

10:50 – 12:30

ONCOLOGY SESSION*Moderator: David Valenti***Montreal CD, 11th Floor**

10:50 – 11:10

Cone Beam CT*Alexandre Menard*

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

- Recognize the possible pitfalls in setting up Cone Beam CT
- Describe the possible application of cone beam CT in radiofrequency ablation
- Describe the possible application of cone beam CT in TACE

11:10 – 11:30

Patient Safety in IR*Michael Lee*

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

- Recommend patient safety culture to management
- Identify key patient safety steps for incorporation to practice
- Transfer patient safety pathways and methodology into practice

11:30 – 11:55

When ablation could be the first local therapy for colon cancer liver metastases*Constantinos Sofocleous*

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

- Define curative ablation
- Review outcomes of curative ablation
- Analyze factors affecting outcomes of ablation with curative patient

11:55 – 12:15

Ygo for colon cancer liver metastases*Constantinos Sofocleous*

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

- Identify indications for Ygo in patients with CLM
- Identify factors affecting outcomes after Ygo for CLM
- Discuss if we should offer Ygo in earlier chemotherapy lines or just for salvage

12:15 – 12:30

Wrap-up discussions*David Valenti*

12:30

Closing Remarks*Tara Graham, Amol Mujoomdar & Jason Wong*

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

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