



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**

Le Westin Montréal
270 Saint-Antoine West
Montréal, QC

www.ciraweb.org



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 Mujumdar & Dr. Jason Wong, Program Chairs
Jane Bonk & Mark St Denis, Technologists & Nurses Program Chairs

***** **New this year** *****
* The CIRA planning committee is very excited to offer a completely new format for *
* this AGM, with a hands-on work shop session on thermal ablation. Participants *
* will learn from different case examples presented by Dr. Sofocleous, a world leader *
* in interventional oncology, in a didactic format. They will subsequently have the *
* opportunity to trial different thermal ablation devices currently available in the *
* Canadian market. With the guidance of proctors, participants will get to burn bovine *
* livers, ultimately learning and assessing the various methods of thermal *
* ablation. Please join us for this inaugural and fun session!

LEARNING OBJECTIVES

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

1. Understand 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. Be familiar with 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. Understand the procurement process, and why IR should be involved
9. Review cone beam CT techniques in interventional oncology
10. Become familiar with strategies to improve patient safety in IR
11. Review thermal ablation techniques and literature for management of metastatic colorectal carcinoma
12. Become familiar with 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

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.

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.

PROGRAM

WEDNESDAY MAY 31

8:00 – 17:00

Fellows and Residents Day

Moderator: Peter Collingwood

By invitation only

12:00 – 17:00

Introduction to IR for MRT & RN

Moderators: Mark St. Denis & Jane Bonk

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

All workshops consist of a 45-minute didactic segment, followed by 15 minutes of discussion activity with the participants (Panel discussion with audience participation).

The Multi-Disciplinary Board is fully interactive (Expert Encounter & Panel Discussion with Audience Interaction).



THURSDAY JUNE 1

8:00 – 9:00

Opening Talk

Moderator: Amol Mujoomdar

- Future of IR & International collaboration
Michael Lee
- CIRA Annual General Meeting
Darren Klass

9:30 – 10:30

Workshops

1. Viagra Session: tips & tricks from the old folks
Martin Simons, Peter Collingwood, Richard Owen

2. Women's Imaging beyond UFE
Adnan Hadziomerovic, Véronique Caty
3. MRT & Nurses: Cases with Onyx
Julie Coudé

10:50 – 12:00

Clinical Session

Moderator: Amol Mujoomdar

- Clinical Experience in Barrie
Drew Schemmer
- How to build a vascular practice
Andrew Benko
- Procurement and its importance
Dheeraj Rajan

12:00 – 13:15

Lunch

13:45 – 15:30

Panel: "How I would have done things differently"

Moderator: Andrew Benko

- Fellows & Residents Best Cases
Peter Collingwood
- CIRA Update
Jason Wong
- Panel discussions
Michael Lee, William Kuo, Constantinos Sofocleous

16:00 – 17:00

Workshops

1. M & M Vascular
Ravindra Guillipalli, Adnan Hadziomerovic
2. Liquid Embolization
David Valenti, KT Tan
3. MRT & Nurses: RN expanding role in Medical Imaging: Achieving safe and efficient patient-focused care
Karen MacDonald

18:00 – 19:30

Opening cocktail

FRIDAY JUNE 2

8:00 – 9:00

Workshops

1. M & M Non Vascular
Alexandre Menard, Drew Schemmer
2. Chronic Limb Ischemia
Jeffrey Jaskolka, Gilles Soulez
3. MRT & Nurses: Advanced Practice in Medical Imaging: An Interventional Radiology Focus
Marc Given

9:20 – 10:35

PVD Session

Moderator: Jeffrey Jaskolka

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

- Drug Eluting Balloons : single centre real world experience
Ravindra Gullipalli
- Management of the Diabetic foot
Michael Lee

10:50 – 12:00

Management of Biliary Disease Session

Moderator: David Valenti

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

- Wrap-up discussions
David Valenti

12:00 – 13:15

Lunch

13:45 – 15:30

Debates Session

Moderator: Tara Graham

- Should IR and DR be separate entities
Andrew Benko, Errol Camlioglu
- DE Stent vs DE Balloon in PVD
Drew Schemmer, Jeffrey Jaskolka
- Trauma Propholactic Filters Debate
David Valenti, Martin Simons
- Wrap-up discussions
Tara Graham

16:00 – 17:00

Workshop

1. Hepatic mets and lung ablation & Devices
Constantinos Sofocleous, Amol Mujoomdar, Jason Wong

SATURDAY JUNE 3

9:00 – 10:40

IVC Filters Session

Moderator: Adnan Hadziomerovic

- Justifying Use of Vena Cava Filters: An Update on Current Indications
William Kuo
- Status of IVC Filters Management in Canada
Amol Mujoomdar, Tara Graham
- Laser-Assisted IVC Filter Retrieval: State of the Art
William Kuo

- Wrap-up discussions
Adnan Hadziomerovic

11:00 – 12:30

Oncology Session

Moderator: David Valenti

- Cone Beam CT
Alexandre Menard
- Patient Safety in IR
Michael Lee

- When ablation could be the first local therapy for colon cancer liver metastases
Constantinos Sofocleous
- Y90 for Colon Cancer Liver Metastases
Constantinos Sofocleous
- Wrap-up discussions
David Valenti



Thank you to
our corporate partners



LIST OF SPEAKERS

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 — Coordonnatrice technique de l'Angioradiologie, St-Jérôme

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

Marc 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 HADZIMEROVIC, MD — 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

Darren KLASS, MBChB, MD, MRCS, FRCR, FRCPC — Clinical Assistant Professor, University of British Columbia, Division of Interventional Radiology; Medical Head - MRI, VCHA, Vancouver

William T. KUO, MD, FSIR, FCCP, FSVIM, FCIIRSE — 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, FCIIRSE — 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

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

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

Medical students!! You can attend the CIRA Meeting free of charge, as long as you are a CIRA Member (also free!!) Visit us online!

Registrations open January 9th 2017

CME CREDITS

This is where the accreditation statement for physicians will be placed if/when granted (Section 1 Credits within the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada).

This group learning activity has been accredited for Category A credits for Technologists with the Canadian Association of Medical Radiation Technologists.

HOTEL RESERVATION

A special rate has been negotiated with Le Westin Montréal at \$225/night (plus taxes).

To make your hotel reservation, please follow the link posted on www.ciraweb.org

(you have to be registered for the meeting to make a reservation).

*** New this year : Air Canada Discount ***

CIRA is pleased to partner with Air Canada to offer you a discount on your airfare booking. Simply use the code **N4UJ8YF1** when you book your flight at www.aircanada.com or with your travel agent. You can save up to 10% on your airfare!

REGISTRATION

Please visit our website (www.ciraweb.org) to register for the meeting.

Before or on April 18, 2017

Full Meeting Registration Fees (+ applicable taxes)

Physician Member \$525

Fellow/Nurse/Technologist Member \$380

Resident Member \$250

Physician Non Member \$875

Fellow/Nurse*/Technologist* Non Member \$450

Resident Non Member \$320

After April 18, 2017

Full Meeting Registration Fees (+ applicable taxes)

Physician Member \$630

Fellow/Nurse/Technologist Member \$430

Resident Member \$280

Physician Non Member \$1000

Fellow/Nurse*/Technologist* Non Member \$475

Resident Non Member \$400

* includes 2017 membership

MRT & RN Course

(for Technologists & Nurses only)

Wednesday May 31st 2017: 12:00 - 17:00

Member \$65 (+ applicable taxes)

Available to CIRA members only

One-day registration is also available on the website.

*** New this year : Recording of sessions ***

Purchase a recording of the plenary sessions (prices for registered attendees only)
* Before the annual meeting: \$40 + taxes
* At or after the annual meeting: \$75 + taxes

In case of discrepancy between the printed prices and the online prices, the online prices will prevail.

Cancellation Fees Policy:

30 days or more before the event: Administration fees of \$25 + txs

7 days or more before the event: 50% of registration fees + txs

Less than 7 days before event: No refund