

17th CAIR Annual Meeting in collaboration with the CAMRT May 31 – June 2, 2018

PROGRAM



Canadian Association for
Interventional Radiology
Association canadienne pour
la radiologie d'intervention

Wednesday, May 30:

MRT&RN TRAINING ACTIVITY: am

MRT&RN SPECIAL SESSION: pm

FELLOWS AND RESIDENTS DAY: all day



The Westin Calgary
www.cairweb.ca
CAIR formerly CIRA

OBJECTIVES OF THE SEMINAR



Welcome to Calgary!

The CAIR 2018 Annual meeting brings us to Western Canada and the beautiful city of Calgary, Alberta. As in previous years, the scientific committee has strived to deliver a comprehensive, evidence-based and engaging program that appeals to the range of IR practices across Canada. The meeting will offer a diversity of topics, range of learning environments and access to expert faculty and national/international leaders in the specialty.

The program reflects the breadth of Interventional Radiology practice in Canada, with topics pertinent to both academic and community-based practices. As in previous years, we are honored to welcome international guest speakers whose expertise are an invaluable contribution to our program content as well as the relationship-building opportunities that make the CAIR meeting a unique experience.

New plenary sessions will focus on the development of clinical IR programs, including building an Interventional Oncology practice as well as Pulmonary Embolism Response Teams (PERT). We are also excited to introduce our “Rapid Fire” sessions which will focus on succinct reviews of new technologies and practice changes in select disease states with this year highlighting aortic intervention. Our speakers will also explore the latest evidence in venous, peripheral vascular disease and techniques in Interventional Oncology.

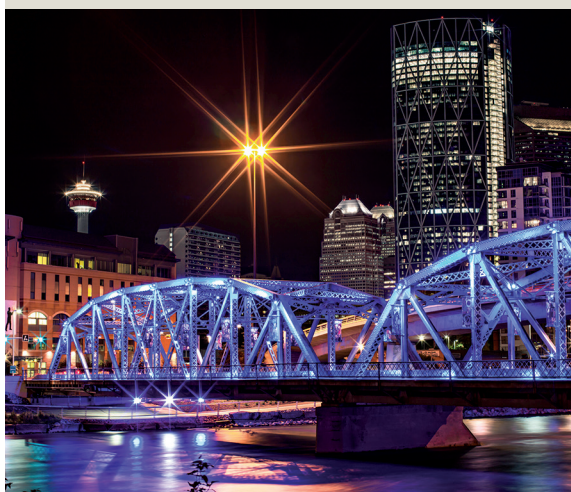
Back by popular demand is our session featuring our guest speakers’ best and most difficult cases. We also have constructed a duo of “Multidisciplinary Panel Case Presentations” which will focus on dialysis interventions and management of hepatocellular carcinoma. These sessions simulate real-life situations and help our members enhance complex decision-making in their own practice. We have also prepared an exciting debate session where our members can vote for the IR who best argues for-or-against a ‘hot topic’ in Interventional radiology.

This year CAIR has partnered with the Canadian Association of Medical Radiation Technologists (CAMRT) which expands the MRT portion of our program in an exciting new joint venture. Along with our RN members, this portion of the program will explore procedures, interventions and patient care from the perspective of these vital members of the Interventional Radiology practice.

Finally, the CAIR Board is also excited to present the CAIR award at this meeting. This award recognizes a member of our association that has advanced the practice of IR on both a national and international stage. We hope you will join us in celebrating the accomplishments of a true IR visionary.

On behalf of the CAIR Board, we hope our attendees will enjoy the program, the CAIR experience and the beautiful city of Calgary.

*Dr. Jason Wong, Dr. Amol Mujoomdar & Dr. Tara Graham
Program Chairs*



LEARNING OBJECTIVES

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

1. Review approaches and techniques in venous interventions from worldwide experts
2. Discuss the advantages and disadvantages of increasing the clinical side of an interventional practice
3. Review strategies in starting and growing a successful community Interventional Oncology Practice
4. Discuss the benefits, barriers and steps necessary to starting a Pulmonary Embolism Response Team
5. Review new techniques in dialysis intervention
6. Discuss the evolving role of IO in metastatic disease including transarterial, ablation and immune therapy
7. Discuss and review the multidisciplinary management of hepatocellular HCC
8. Review the business-side of health care and why it is important to the practice of interventional radiology
9. Review the current state of the Royal college IR residency program
10. Review the important clinical trials and papers in endovascular management of venous thrombosis
11. Discuss the indications, techniques and results of prostate artery embolization
12. Review new devices and approaches to TEVAR and treatment of type B aortic dissection
13. Review best evidence for drug elution technology and atherectomy devices in the treatment of peripheral vascular disease
14. Discuss the management of chronic and critical limb ischemia through a case-based workshop
15. Exchange opinions and experience in challenging cases through workshops, debates and panel cases

CME Credits

This group learning activity has been accredited for Section 1 Credits and Section 3 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 CAIR (formerly CIRA) Annual Meetings.

GUEST SPEAKERS



Alda Tam

Alda Tam is an Associate Professor and Clinical Medical Director in the Department of Interventional Radiology at the University of Texas M.D. Anderson Cancer Center. She received a BScH from

Brown University and her MD from the University of British Columbia. She completed a diagnostic radiology residency and MBA at the University of Southern California, and a fellowship in Vascular and Interventional Radiology at the University of Texas M.D. Anderson Cancer Center. She is an active interventional oncologist with involvement in both translational research and clinical trials. Her clinical interests include the treatment of bone metastases, minimally invasive palliative therapies, and optimizing biopsy yield for clinical trials. Her research interests include exploring novel ablative technologies in combination with nanotechnology for the treatment of bone metastases. She is an inducted fellow of the Society of Interventional Radiology (SIR) and the current Division Councilor who directs the development of standards and guidelines.



James F. Benenati

James F. Benenati is a practicing Interventional Radiologist, Medical Director, Noninvasive Vascular Laboratory and Fellowship Program Director at the Miami Cardiac & Vascular

Institute at Baptist Hospital in Miami, Florida.

He is a Clinical Professor of Radiology at Florida International University College of Medicine and Associate Professor of Radiology at the University of South Florida College of Medicine. He is past President of SIR. He served as President of the Vascular Division for the Intersocietal Accreditation Committee (IAC) and served for over a decade on their board. He served as the annual meeting chairman for SIR in 2005. He was the recipient of the SIR Charles T. Dotter Award in 2014.

He has participated in numerous clinical research projects and national trials. His interest include peripheral arterial disease, abdominal aortic aneurysm and management of pulmonary embolism. He has authored and co-authored more than 100 scientific publications. He has been a Program Director of ISET for over 20 years.

He attended the University of Notre Dame as an undergraduate, received his medical degree from the University of South Florida College of Medicine, completed a residency in Diagnostic Radiology at Indiana University and a fellowship at Johns Hopkins.



Scott O. Trerotola

Scott O. Trerotola is the Stanley Baum professor of radiology and professor of radiology in surgery at the University of Pennsylvania School of Medicine in Philadelphia,

where he is also Associate Chair and Chief of Interventional Radiology as well as Vice Chair for Quality and Safety.

Dr. Trerotola pursues research in hemodialysis and venous access, IVC filters and PAVM embolotherapy, among other topics. He holds eight patents on devices for interventional procedures. He has developed multiple techniques in widespread use in IR including balloon-assisted placement of large bore gastrostomy, ultra-high pressure angioplasty, forceps removal of inferior vena caval filters, and backbleeding treatment for arterial emboli during dialysis declothing to name but a few.

Dr. Trerotola is a strong advocate of research in IR and evidence-based practice, an increasingly important focus as health care reform develops: among his more than 250 research and educational publications are multiple prospective randomized trials. He has mentored over 40 medical students and 25 residents in research publications.

Dr. Trerotola has received tremendous recognition for his achievements, including awards for teaching, distinction in reviewing and for patient advocacy. He has given invited lectures worldwide, including the inaugural Man-Chung Han lecture to the Korean Society of Cardiovascular and Interventional Radiology, and in 2015 he gave the Society of Interventional Radiology's Dotter lecture.



Suresh Vedantham

Suresh Vedantham is a Professor of Radiology & Surgery and Assistant Dean for Clinical Research at the Washington University School of Medicine

in St. Louis, is an experienced Interventional Radiologist who specializes in the delivery and clinical investigation of image-guided therapies for venous thromboembolism (VTE).

Dr. Vedantham serves as National Principal Investigator of the NHLBI-sponsored ATTRACT and C-TRACT Trials, which are rigorously evaluating the role of endovascular interventions in patients with DVT. Dr. Vedantham is also currently the President of the Society of Interventional Radiology. He is recognized as a highly collaborative leader of multidisciplinary endeavors aimed at improving the care of venous thrombosis, and has served on the executive boards of the American College of Phlebology, American Board of

Phlebology, American Venous Forum, Vascular Disease Foundation, and Venous Disease Coalition. In 2008, Dr. Vedantham was publicly thanked by the U.S. Surgeon General for his leadership in bringing together the broader community of providers and patients around DVT.

2018 CAIR AWARD WINNER



David M. Liu

CAIR is proud to announce Dr. David Liu as the recipient for the CAIR award for 2018.

This award is given to an individual for distinguished and extraordinary service and accomplishments to Canadian Interventional Radiology.

Dr. David M. Liu MD is an Interventional Radiologist and Clinical Professor of Radiology at the University of British Columbia. He is board certified in both Canada and the US, and holds appointments at the Vancouver General Hospital, University of British Columbia Hospital and the BC Cancer Agency with a cross appointment in the Department of Surgery.

Dr. Liu received his medical degree from University of Toronto, completed his radiology residency at University of British Columbia, and Interventional Radiology fellowship at Northwestern Memorial Hospital, and has practiced on both sides of the border. In addition to benchside and clinical research in the fields of novel embolic platforms, ablative technologies and cancer related thromboembolic disease, Dr. Liu maintains an active clinical practice incorporating aspects of embolization, ablation, venous access, and palliative therapy in all organ systems.

He is the co-founder and co-chair of SHOW (multidisciplinary meeting on hepatic oncology), and has been credited with 6 book chapters, over 60 publications, and 100 invited lectures. Internationally recognized as a leader in interventional oncology, he is an active member and inducted fellow of the Society of Interventional Radiology. He holds specific interest in the treatment of hepatocellular carcinoma, and metastatic colorectal carcinoma and is actively involved in both translational research and clinical trials.

Congratulations to Dr. Liu on this award.

ONSITE INFORMATION

Registration Desk Hours

Thursday	May 31	7:00 – 17:30
Friday	June 1	7:00 – 17:00
Saturday	June 2	7:30– 12:00

Exhibit Hall Hours

Thursday	May 31	7:15 – 17:00
Friday	June 1	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 Association for Interventional Radiology (CAIR) meetings and other activities constitute an agreement by the registrant/attendee to CAIR'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 CAIR's use or distribution of such images/recordings may be worldwide and in any medium; that CAIR may identify registrants or attendees in such images or recordings; and that registrants/attendees have no right to any compensation for such uses.

The Westin Calgary

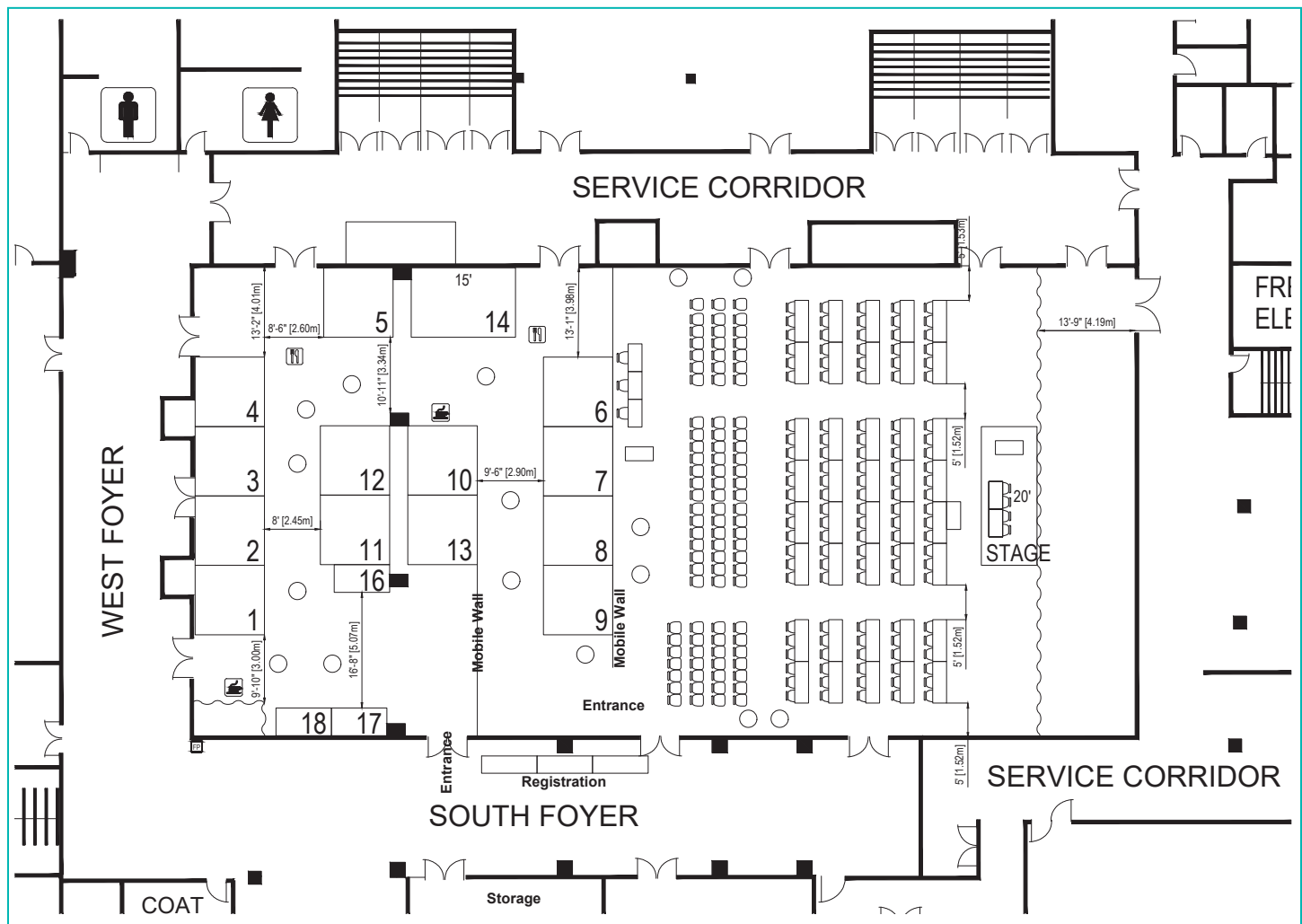
All plenary sessions take place in **Belair-Britania (Conference Level)**

Exhibits and all Breakfasts & Coffee Breaks take place in **Mayfair (Conference Level)**

The Annual Meeting Cocktail will take place in **Bonavista (Conference Level)** on Thursday May 31 at 18:00

The workshops will take place in
Eau Claire
Bow Valley
Nakiska
Plenary Room

WE WOULD LIKE TO THANK ALL THE EXHIBITORS



CAIR 2018 Corporate Partners

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W. L. Gore & Associates

CAIR Sponsors

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LIST OF SPEAKERS

Karen **ARKLIE**, MRT(R), Vascular and Interventional Radiologists of Northern Alberta, Edmonton

Arlene **AVENADO**, VA Nurse, Foothills Medical Center, Calgary

Oliver **BATHE**, MD, FRCSC, FACS
Professor, Surgery and Oncology, University of Calgary; Leader, Provincial Gastrointestinal Tumour Team, Calgary

Keith **BAXTER**, MD MSc FRCSC
Clinical Instructor and Head, University of British Columbia Vascular Surgery Head, General Hospital Vascular Surgery, Vancouver

James **BENENATI**, MD
Medical Director of the Non Invasive Vascular Laboratory Miami Cardiac and Vascular Institute Clinical Professor of Radiology Florida International University School of Medicine, Miami

Jane **BONK**, MRT
Lakeridge Health, Oshawa

Kelly W. **BURAK**, MD, FRCPC, MSc (Epid)
Professor, Departments of Medicine and Oncology Director, Southern Alberta Liver Transplant Clinic Cumming School of Medicine University of Calgary

Cheryl **CARLETON**, VA Nurse, Foothills Medical Center, Calgary

Roseline **CARTER**, Director of Programs, Calgary Sexual Health Centre, Calgary

Cori E. **CAUGHLIN**, MD, FRCPC
Interventional Radiologist University of Calgary

Shannon **COLEMAN**, Clinical Educator, Interventional Radiology, General Hospital, Vancouver

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

Julie **COUDÉ**, MRT
Angioradiology technic Coordinator, CISSS des Laurentides, Mirabel

Bryan **DONNELLY**, M.Ch., M.Sc., F.R.C.S.C
Urologist, Southern Alberta Institute of Urology, Calgary

Darren B. **FERGUSON**, MD, FRCPC, RVT
Associate Professor, Dalhousie University. Divisional Head, Vascular & Interventional Radiology, Saint John Regional Hospital (SJRH), Section Representative, New Brunswick Medical Society (NBMS), President, New Brunswick Association of Radiologists, Saint John's

Andrew **FIGUEIRA**, MRT (II)
Interventional Radiology, Foothills Medical Center, Calgary

Jonathan **GALLOWAY**, MRT
Regional Hospital, Saint John's

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

Adnan **HADZIOMEROVIC**, MD, FRCPC
Head, Vascular and Interventional Radiology Dept. of Medical Imaging, The Ottawa Hospital Assistant Professor, University of Ottawa

Oliver **HALLIWELL**, MBBS, MRCS, FRCR
Vascular and International Radiologist, Peter Lougheed Center, Rockyview General Hospital, South Health Campus, Calgary

Brian **HARDY**, MD
Head, Sections of Adult and Interventional Radiology Health Sciences Centre, Winnipeg

Stephen G.F. **HO**, MD, FRCPC
Clinical Professor University of British Columbia Medical Head, Division of Interventional Radiology Department of Radiology, VCHA – Vancouver Acute Dept of Radiology, VGH, Vancouver

Sarah **HOFFMAN**, Alberta Health Minister

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

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

Darren **KLASS**, MBChB, MD, MRCS, FRCR, FRCPC
Clinical Associate Professor Interventional Radiology Medical Head – MRI, Vancouver

Tan **KT**, MD, FRCS, FRCR, FRCPC
Associate Professor Head Vascular and Interventional Radiology, University Health Network and Mount Sinai Hospital, Toronto

Vamshi **KOTHA**, MD
Clinical Assistant Professor, Cardiovascular and Interventional Radiology, Foothills Medical Centre; Cumming School of Medicine; University of Calgary

David M. **LIU**, MD, FRCPC, FSIR
Vancouver Imaging and EVA Vein Care Clinical Professor University of British Columbia, Vancouver

Shaun **LOEWEN**, BSc(Hons) MD PhD FRCPC DABR
Radiation Oncologist, Tom Baker Cancer Centre Director, Radiation Oncology Residency Training Program, University of Calgary; Clinical Assistant Professor, Department of Oncology, University of Calgary

Jennifer **MACRAE**, MSc MD FRCPC
Associate Professor Medicine, Division of Nephrology, Cumming School of Medicine, University of Calgary; Medical Director of Hemodialysis, Renal Program Southern Alberta, Calgary

Amol **MUJOOMDAR**, MD, FRCPC
Interventional Oncologist and Radiologist LHSC-Western University, London

Gregory **POWELL**, MD, OC
University of Calgary

Stefan **PRZYBOJEWSKI**, MBChB
Interventional Radiologist, Foothill's Medical Center Clinical Assistant Professor, University of Calgary

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

Mark **SAINT DENIS**, MRT
University Health Network, Toronto

James **SILVIUS**, BA(Oxon), MD, FRCPC
Provincial Medical Director, Seniors Health, Community Seniors Addictions & Mental Health Senior Medical Director, Seniors Health Strategic Clinical Network, Calgary

Marty **SIMONS**, MD, FRCPC, FSIR
Assistant Professor Of Medical Imaging, JDMI UHN, MSH, WCH, University of Toronto

Beverly **SLATER**, RN
Foothills Medical Center, Calgary

Marlene **SULLIVAN**, VA Nurse, Foothills Medical Center, Calgary

Jessie **SZAREK**, MRT, CIR, Credit Valley Hospital, Toronto

Alda **TAM**, MD, MBA, FRCPC, FSIR
Associate Professor & Clinical Medical Director, Department of Interventional Radiology, University of Texas MD Anderson Cancer Center, Houston

Scott **TREROTOLA**, MD, FACR, FSIR
Associate Chair and Chief of Interventional Radiology; Vice Chair for Quality and Safety; Professor of radiology; Professor of radiology in surgery, University of Pennsylvania School of Medicine, Philadelphia

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

Suresh **VEDANTHAM**, M.D.
Professor of Radiology & Surgery Mallinckrodt Institute of Radiology; Assistant Dean for Clinical Research; Medical Director, Center for Clinical Studies, Washington University School of Medicine, Washington

Chris **WALL**, MD FRCPC
Dept. head, Interventional Radiology St. Paul's Hospital, Saskatoon

Jason **WONG**, MD, FRCPC, FSIR
Clinical Associate Professor Cardiovascular and Interventional Radiology Foothills Medical Centre Cumming School of Medicine 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.

Karen ARKLIE
Arleen AVENADO
Jane BONK
Cheryl CARLETON
Corie CAUGHLIN
Shannon COLEMAN
Peter COLLINGWOOD
Julie COUDÉ
Bryan DONNELLY
Darren FERGUSON
Andrew FIGUEIRA
Jonathan GALLOWAY
Brian HARDY
Stephen HO
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Marlene SULLIVAN
Jessie SZAREK
Chris WALL

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Oliver BARTHE – Amgen, Celgen, Gemoni Health, Teva Pharmaceutical, Johnson&Johnson
Keith BAXTER – Cook Medical, Bard
James BENENATI – Abbott Vascular, Penumbra, Scientia, XableCath
Andrew BENKO – Medtronic, Cordis, Soundbite Medical, Boston Scientific
Kelly BURAK – Bayer, Lupin
Adnan HADZIMEROVIC – Boston Scientific, Cook Medical, J&J
Olliver HALLIWELL – Boston Scientific, Medtronic
John KACHURA – Celsion
Darren KLASS – Merit Medical, Liva Nova, Philips, Surefire Medical, Cook Medical, Biolife
Tan KT – Cook Medical, Gore, Bard, Boston, Medtronic
Dave LIU – Medtronic, Sevier Pharma, BTG Plc, Sirtex Medical, Surefire
Amol MUJOOMDAR – BTG, LivaNova, Medtronic
Deeraj RAJAN – Gore, Bard, TVA Medical
Alda TAM – AngioDynamics Inc, Guerbet, LLC, Galil Medical, Merit Medical, AbbVie, Siemens,
Scott TREROTOLA – Bard, MedComp, B Braun, Cook, Teleflex, WL Gore, Lutonix
David VALENTI – XACT Robotics, BTG
Suresh VEDANTHAM – Cook Medical
Jason WONG – Cook Medical, Boston Scientific

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.

Karen ARKLIE
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Adnan HADZIMEROVIC
Jeff JASKOLKA
Dave LIU
David VALENTI
Suresh VEDANTHAM

AGENDA

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).

WEDNESDAY MAY 30

**** For Technologists and Nurses only ****

8:00 – 17:00

FELLOWS & RESIDENTS DAY

Moderators: Peter Collingwood, Bob Cook

Bow Valley (Lower Level)

9:00 – 12:30

MRT & RN ACTIVITY

Nakiska (Lower Level)

09:00 – 09:05 **Opening Welcome**

Moderators: Mark StDenis, Jane Bonk

09:05 – 09:25 **Lecture on Aseptic Technics**

Josee Roy

09:25 – 09:45 **Lecture on Ultrasound**

Sarah Smees

09:50 – 10:30 **Hands-on: Ultrasound**

Sarah Smees

10:30-10:45 BREAK

10:45 – 11:25 **Hands-on: Virtual Simulator and IR devices**

Mandy Moores, Jeff Cochran

11:30 – 12:10 **Hands-on: Aseptic Technics**

Josee Roy

12:15 – 12:30 **Q&A Morning Wrap-up**

12:30 – 13:30 LUNCH

Eau Claire

13:30 – 14:30

The thrill of victory, the agony of defeat.

A focus on M&M cases.

Jason Wong

14:30-15:00 BREAK

15:00 – 17:00

Table Topic Discussion : MRTs and RNs from across Canada

Karen Arklie, Julie Coudé, Jessie Szarek, Jonathan Gallaway, Shanon Coleman, Andrew Figueira, Beverly Slater

THURSDAY MAY 31

**** For all attendees ****

07:50 – 08:40

OPENING TALK

Sarah Hoffman, Roseline Carter, Greg Powell

Belair-Britania (Conference Level)

08:40 – 09:00

IR in 2025

Suresh Vedantham

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

- Describe the current state of interventional radiology
- Name three major opportunities for IR
- Name three threats for IR progress

9:30 – 10:30 WORKSHOPS

Lower Level

1. Viagra Session: tips & tricks from the old folks!

Darren Ferguson, Peter Collingwood

Eau Claire

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

- Describe innovative techniques for Non-Vascular Intervention
- List alternate applications for percutaneous Closure Devices
- Identify novel techniques and 'tricks' learned from TAVI's and Strokes
- Describe specific techniques to optimize patient care
- Describe approach to managing unexpected complications
- Understand importance and clinical benefits of treating patients, not images

2. Venous Interventions from the experts

Suresh Vedantham, James Benenati

Bow Valley

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

- State indications for recanalization of chronically occluded lower extremity central veins
- List therapeutic options for treatment including stents and filter placement and removal
- Identify potential complications and pitfalls of these therapies
- Name three important changes in the management of DVT care
- Describe endovascular strategy for post-thrombotic syndrome

3. Techs & Nurses: Hemodialysis Vascular Access Complications and Interventions

Arlene Avenado, Cheryl Carleton, Marlene Sullivan

Nakiska

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

- Identify vascular access complications
- Describe the tools used to identify vascular access complications
- Understand the clinical assessment tools used in the evaluation of hemodialysis intervention

10:45 – 12:00

CLINICAL SESSION

Moderator: Amol Mujoomdar

Belair-Britania (Conference Level)

10:45 – 10:55

Starting and Growing an Ablation Program: Saskatoon's Experience

Chris Wall

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

- Describe criteria needed to start an ablation program
- Name the key factors in Stakeholder engagement
- Describe the challenges associated with a community ablation practice

10:55 – 11:00

Royal College update on the IR residency

Stephen Ho

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

- Recognize the current state of IR Residency programs in Canada
- Understand the requirements for Fellowship in Canada
- Be familiar with the different routes for certification in IR

11:05 – 11:20

How to start a PERT program

James Benenati

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

- Define the subtypes of PE and understand the clinical significance of each group
- List therapeutic options for treatment of PE
- List mechanical techniques for treatment of PE

11:20 – 11:40

The business of healthcare, why it's important to be involved

Darren Ferguson

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

- Describe the organizational template for Health Care administration
- Identify the drivers affecting patient centered care Delivery Models
- Identify the best advocacy practices within the bureaucracy of Health Care

11:40 – 11:50

CAIR Annual General Meeting

Darren Klass

11:50 – 12:00

Discussions

12:00 – 13:15 LUNCH

13:30 – 15:30

"MY BEST AND WORST DAY IN THE ANGIO SUITE – LESSONS LEARNED IN THE TRENCHES"

Moderator: Tara Graham

Belair-Britania (Conference Level)

13:30 – 13:40

CAIR Award – Dave Liu

Jason Wong

13:40 – 14:05

Fellows & Residents Best Cases

Peter Collingwood

14:05 – 14:15

CAIR Update

Jason Wong

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

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

14:15 – 15:15

Case discussions from the 4 guest speakers

James Benenati, Alda Tam, Suresh Vedantham, Scott Trerotola

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

- Identify judgement errors that lead to complications
- Describe how to manage difficult situations in the endovascular suites
- Understand the importance of case planning and preparation in achieving technical and clinical success

15:15 – 15:30

Discussion

16:00 – 17:00 WORKSHOPS

Lower Level

1. M&M vascular and non-vascular

Cori Caughlin, Peter Collingwood

Eau Claire

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

- Review lessons learned from previous experiences and complications
- Generate potential solution to clinical/procedural problems
- Implement preventive strategies to avoid future errors
- Anticipate and avoid potential complications
- Gain new techniques in non-vascular cases
- Identify more cost effective techniques for everyday practice

2. Interventional Oncology (ablation, TACE and everything in between)

Alda Tam, David Liu, Stefan Przybojewski

Bow Valley

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

- Describe nerve block techniques for palliation of visceral pain
- Discuss the uses of embolization and ablation in the management of musculoskeletal metastases
- Describe non-traditional access routes for management of challenging gastrointestinal obstruction cases
- Recommend various pain management strategies for different abdominal and pelvic cancers
- Illustrate how to perform various nerve blocks
- Identify potential complications of oncology interventions

3. Techs & Nurses: Patient Care and sedation

Stephen Ho, Vamshi Kotha

Nakiska

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

- Describe the process of patient preparation in IR
- Identify anticoagulation medication currently available
- List typical scenario encountered in IR
- Identify the role of different medication used in IR
- Analyze and critique various case scenarios depicting medication in IR
- Apply knowledge obtained in routine clinical practice

18:00 – 19:00 ANNUAL MEETING COCKTAIL

Bonavista (Conference Level)

FRIDAY JUNE 1

8:00 – 9:00 WORKSHOPS

Lower Level

1. Chronic Limb Ischemia: case-based approach

James Benenati, Jeff Jaskolka

Eau Claire

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

- Recognize factors predicting particularly difficult revascularization procedures
- Describe common and uncommon techniques for vascular access in complex limb salvage procedures
- Describe advanced techniques for restoring and maintaining patency in complex peripheral arterial occlusive disease
- Identify techniques for recanalization of chronic arterial occlusions
- Describe available stent and balloon options in patients with CLI
- Describe different access options for treating patients with CLI

2. Embolization pot-pourri

Scott Trerotola, Tan KT

Bow Valley

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

- Review the different types of embolic agents
- Discuss advantages and disadvantages of embolic agents in various clinical settings
- Discuss the role of combination therapy with more than one type embolic agent
- Describe modern devices for PAVM embolization
- Explain the need of detachable devices in PAVM embolization
- List a key safety feature employed during PAVM

3. Techs & Nurses: MAID and The Interventional Radiologist: Issues and Perspectives

James Silvius

Nakiska

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

- Identify the requirements and safeguards for assisted dying
- Describe the structure of assisted dying services in Canada
- Identify issues of relevance for interventional radiologist

9:15 – 10:25

INTERVENTIONAL ONCOLOGY SESSION

Moderator: Amol Mujoomdar

Belair-Britania (Conference Level)

09:15 – 09:35

Evolving role of IO in metastatic CRC

Alda Tam

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

- Discuss the role of ablation for liver metastases in colorectal cancer
- Discuss the role of Y90 therapy for liver metastases in colorectal cancer
- Discuss the role of systemic immune therapy for metastatic colorectal cancer

09:35 – 09:55

The context of transarterial therapy in treatment of metastatic NET

David Liu

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

- Describe the prognosticators for NET
- Review the systemic therapy option for NET
- Discuss the role of liver directed therapies for NET

09:55 – 10:15

Ablation and immune therapy: current status & future implications

Alda Tam

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

- Define the danger theory of the immune system
- Define abscopal effect
- Discuss the mechanism of cell death from cryoablation and how it relates back to the immune system

10:15 – 10:25

Discussion

10:40 – 12:00

DIALYSIS MULTIDISCIPLINARY BOARD

Moderator: Adnan Hadziomerovic

Belair-Britania (Conference Level)

10:40 – 11:00

What's new in dialysis intervention

Scott Trerotola

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

- Differentiate the two devices currently available for percutaneous AVF creation
- Describe published results with drug coated balloon in AVF
- Identify the main drug used in drug coated balloon in AVF at present

11:00 – 11:50

Multidisciplinary Panel: Vascular access and AV fistula/graft intervention

Scott Trerotola, Dheeraj Rajan, Jennifer MacRae, Keith Baxter

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

- Determine where drug coated balloons are of value in the native AV fistula circuit
- List choices available for placements of central venous dialysis line once the upper central veins are occluded
- Determine whether or not, catheter adherent thrombus is an important incidental finding

11:50 – 12:00

Discussion

12:00 – 13:15 LUNCH

13:30 – 15:00

HCC MULTIDISCIPLINARY BOARD

Moderator: David Valenti

Belair-Britania (Conference Level)

Multi-Disciplinary Panel: HCC

David Liu, Alda Tam, Kelly Burak, Oliver Bathe, Shaun Loewen

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

15:30 – 17:00 WORKSHOP

Plenary Room

Moderators: John Kachura, Stefan Przybojewski, Richard Owen

Jeopardy film panel (Western Canada versus Eastern Canada)

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

18:00 – 19:30 WOMEN IN IR COCKTAIL

Bar

SATURDAY JUNE 2

8:00 – 9:20

VENOUS AND ARTERIAL SESSION

Moderator: Jeff Jaskolka

Belair-Britania (Conference Level)

08:00 – 08:20

Randomized trials for venous thrombosis

Suresh Vedantham

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

- Name 3 pivotal RCTS of venous disease
- State limitation of RCTS
- State 3 secondary benefits of participating in randomized trials

08:20 – 08:30

Rapid fire – What's new in TEVAR

Vamshi Kotha

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

- Describe current practice guidelines in treatment of thoracic aortic pathology
- Identify recent advances in TEVAR and future directions of development
- Recognise the role of IR in thoracic aortic intervention

08:30 – 08:40

Rapid fire – Treatment of Type B AD

Darren Klass

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

- Discuss the latest literature regarding the treatment of Type B dissection
- Select appropriate patient with subacute dissection for treatment
- Develop a robust protocol for workup and management

08:40 – 09:00

CFA Puncture Inversion

Andrew Benko

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

- Describe the rationale for retrograde to antegrade CFA puncture inversion
- Describe the techniques and tools required for puncture inversion
- Describe the advantages and difficulties in performing the technique

09:00 – 09:20

Prostate artery embo : A primer for IR and how I do it

Oliver Halliwell

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

- Select and consent patients for prostate artery embolization (PAE)
- Describe peri-procedural management of patients undergoing PAE
- Employ technique refinements to achieve safe and effective PAE

9:35 – 11:20

DEBATE SESSION

Moderator: Vamshi Kotha

Belair-Britania (Conference Level)

09:35 – 10:00

Treatment of small HCC: resection versus ablation

John Kachura, Oliver Bathe

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

- Describe the principles and techniques of focal tumor ablation
- Discuss the indications, efficacy and limitations of HCC ablation
- Compare the results of ablation and resection in the treatment of HCC

10:00 – 10:25

PAE vs Turp for treatment of BPH

Oliver Halliwell, Bryan Donnelly

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

- Evaluate the current evidences of the efficacy of PAE and TURP in the treatment of BPH
- Compare the relative side effects profiles of PAE and TURP
- Define the current status of PAE in treatment of BPH

10:25 – 10:50

Should IR docs continue to evolve into "clinicians" or stay the role of "hired gun"

Marty Simons, Brian Hardy

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

- Reasonably assess the evidence presented by both debaters regarding the roles of IR in clinical medicine
- Apply the presented reasoning to their own practices and make decisions accordingly
- Recognize the evolving role of IR's as clinicians
- Understand the difference between a consultant physician and a technician
- Describe techniques to increase clinical relevance of IR

10:50 – 11:10

Discussions

11:10 – 11:20

Closing talk, Jason Wong

Don't forget to fill out your evaluation form.

Notes



Canadian Association for
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Thank you to our corporate partners



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