



Canadian Association for
Interventional Radiology

Association canadienne pour
la radiologie d'intervention

ANNUAL REPORT

2021

OUR VISION

IMPROVING CANADIANS' HEALTH AND QUALITY OF LIFE

THROUGH MINIMALLY INVASIVE,
IMAGE GUIDED THERAPY.



OUR MISSION

The Canadian Association for Interventional Radiology (CAIR) brings together a vast majority of Interventional Radiologists as well as other professionals of the field and works with patient groups and other allies to help increase accessibility for Canadians to patient friendly, effective, minimally invasive, image guided treatments.

STRATEGIC PLAN IN ACTION

KNOWLEDGE

Educate and Connect Interventional Radiologists and Other Professionals in the Field

ENGAGEMENT

Engage and Work with Patient Groups and Other Allies

ADVOCACY

Raise Awareness and Advocate for Increasing Accessibility for Canadians to Patient-Friendly, Minimally-Invasive, Image-Guided Treatments



MESSAGE FROM THE PRESIDENT

Dear CAIR Members,

I would like to extend my heartfelt appreciation for your continued support through these unprecedented times.

In 2021, we continued to rise to the challenges posed by an ongoing pandemic. We were able to apply lessons learned in the previous year, as well as benefit from the hope provided by a quicker-than-expected rollout of novel vaccines. None of this would have been possible without the innovative thinking and heartfelt commitment of CAIR's board, staff, and volunteers. Everyone in this organization has once again risen to the occasion.

This year has given us many successes to celebrate. We increased overall membership by more than 10%. We developed new ways to network and learn in virtual spaces. Most importantly, we provided representation and advocacy for interventional radiology as an essential and innovative part of healthcare, both in Canada and internationally.

We have every reason to believe that 2022 will provide opportunities to return to in-person events. At the same time, the knowledge and technological infrastructure we have developed over the last two years will allow us to offer a more diverse portfolio of member programs and services, support for our profession, and enhanced value for stakeholders.

As we move confidently into this next year, we will continue to build on the hard-won successes of 2021. We look forward to being on this journey with you. We are fortunate to have such engaged members who share our vision of advancing our profession as interventional radiology fulfils the promise of a bright future in global medicine.

Sincerely,

Dr. Tara Graham

President, CAIR Board

MESSAGE FROM THE EXECUTIVE DIRECTOR



Dear members of the Canadian Association for Interventional Radiology,

Having just completed second year as Executive Director of CAIR, I continue to be impressed by the passion and ability demonstrated by our team and our board of directors. Everyone has shown a unity of vision to advance CAIR's mission — centred on our members, allies, partners, and other stakeholders — through a time of great challenges for all healthcare professionals. We remain strong because of you.

We have done more than tested our mettle in the past year; we have amplified the value we deliver to members and stakeholders. We continue to develop new ways for IR professionals to connect with colleagues and other experts, moving events online in ways that allowed members and others to stay connected, share insights and best practices, and inspire each other. This included a live and on-demand Virtual Learning Series that reached more than two thousand registrants with more than a hundred presentations from Interventional Radiologists from across Canada. Our Virtual Angio Club and the Introduction to IR - Virtual Symposium hosted by our RFS section reached

close to four hundred registrants, with twenty-two presentations from a variety of expert speakers.

We also found new ways to reach out to the public, healthcare colleagues, and regulators to help increase awareness of and accessibility to patient-friendly, effective, minimally invasive, image-guided treatments. This included a greater focus on social media, our website, and email as channels for information and advocacy. We held virtual meetings with Cabinet Ministers, partnered with SIR and CIRSE for a very successful awareness campaign on Uterine Fibroid Embolization, and promoted the International Day of Radiology dedicated to Interventional Radiology and its essential role in treating patients.

I am confident that we will soon have opportunities to see each other in person once again. A return to the tried-and-true ways of doing things, combined with the innovations of the past two years, promise a strong future for CAIR, and for Interventional Radiology as a whole.

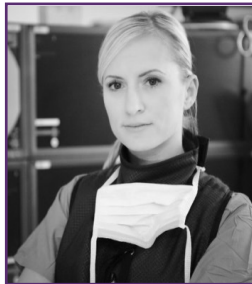
Luciana Nechita

Executive Director

2021 BOARD OF DIRECTORS



Dr. Tara Graham
President



**Dr. Alessandra
Cassano-Bailey**
Vice-President



Dr. David Valenti
Treasurer



Dr. Amol Mujoomdar
Past-President



Dr. Rob Beecroft
Director



Dr. Véronique Caty
Director



Dr. Darren Ferguson
Director



Dr. Kevin Shixiao He
Director | Residents'
representative



Dr. Darren Klass
Director



Dr. Melissa Skanes
Director



Dr. Jason Wong
Director

STAFF



Siri Boulom
Executive Assistant

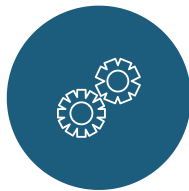


Luciana Nechita
Executive Director

WHAT WE DO



**In-person and Online
Meetings & Events**



**Continuous Learning
& Professional
Development**



**Educational
Publications & Resources**



**Awareness & Advocacy
Initiatives**



**Traditional & Digital
Communications**



**National & International
Stakeholder Engagement**



**Partnerships & Public
Outreach**

A MEMBERSHIP WITH CAIR MEANS ACCESS TO

PUBLICATIONS

Case of the Month, CAIR Express,
Guidelines and Standards,
Procedures, Clinical Resources

DISCOUNTED RATES

Scientific Sessions,
Roundtables, Grand Slams &
Catastrophes, Virtual Angio Club

SPECIAL SECTIONS

Residents, Fellows, and
Students
Global IR

CIRSE MEMBERSHIP

Online Resources and Rebates
on Meetings

WHAT'S NEW

**WE ARE ALWAYS TRYING
TO IMPROVE AND TO
PROVIDE GREAT VALUE
FOR OUR MEMBERS**





2021 BY THE NUMBERS



CLOSE TO 600
MEMBERS

OVER 25
VOLUNTEERS



16
INDUSTRY
PARTNERS

**VIRTUAL
LEARNING
SERIES**

18
EVENTS



OVER
100
SPEAKERS



OVER
100
PRESENTATIONS



OVER
2000
REGISTRANTS



VIEWS
OVER 110,000
VISITS
OVER 50,000



SUBSCRIBERS
OVER 2,800
PROMO EMAILS
OVER 130

**AWARENESS
AND
OUTREACH**

**CAMPAIGNS
PATIENT
INFORMATION
DIRECTORY**



SOCIAL MEDIA
300% INCREASE
TWITTER FOLLOWERS



CAIR EXPRESS
40%
OPEN RATE



**INFORMATION
REQUESTS**
CLOSE TO
460 REQUESTS

MARKETING AND COMMUNICATIONS

NEW TOOLS AND PLATFORMS, DIVERSE CONTENT, INCREASED ENGAGEMENT

- **Two new volunteer editors**, Dr. Nicolette Sinclair and Dr. Joel Woodley-Cook, for **CAIR Express** with articles and video content available on the CAIR's website under **News**.
- Over **50,000 website visits** and **110,000 views** of web content.
- Social media engagement (eg. Twitter followers **increase of 300%**), over **130 e-blasts / emails** and over **2,800 subscribers**.
- CIRSE Twitter takeover by Dr. Nevin de Korompay
- Close to **460 information requests** from the public and patients.

ADVOCACY AND AWARENESS

ADVOCACY EFFORTS

- with federal government and joint letters with the Organizations for Health Action (HEAL) and the Canadian Medical Association (CMA): pre-budget consultations with Minister of Middle Class, Prosperity and Associate Minister of Finance; representation in COVID-19 taskforce; meetings with the Minister of Health, consensus statements on healthcare workforce better data; and more.

ONGOING PARTNERSHIPS

- with other IR societies, including Society of Interventional radiology (SIR) and Cardiovascular and Interventional Radiological Society of Europe (CIRSE) and stakeholders such as the Canadian Association of Radiologists (CAR) for development of IR related resources, protocols, standards and guidelines.

CAIR INITIATIVES FOR 2021

UTERINE FIBROID EMBOLIZATION AWARENESS CAMPAIGN

- Uterine Fibroids and Uterine Artery Embolization presentation exclusively available as a members' resource.
- International social media campaign in partnership with SIR and CIRSE, as well as physician and facility directory available online for the public.

INTERNATIONAL DAY OF RADIOLOGY - INTERVENTIONAL RADIOLOGY - ACTIVE CARE FOR THE PATIENT

- Social media campaign in partnership with SIR and CIRSE.

INTERNATIONAL WOMEN'S DAY 2021

- International social media campaign in partnership with SIR and CIRSE

INTRODUCING OUR NEW EDITORS



Dr. Sinclair was raised in Prince Albert, Saskatchewan, where there isn't much to do. Instead of hanging out at the mall after school smoking cigarettes she played sports, which took her to Spartanburg, South Carolina, where she played NCAA soccer (it was division II so really not that impressive).

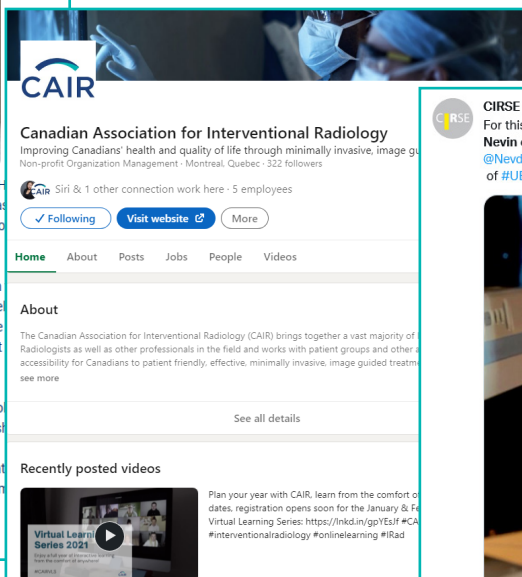
After four years in the South she traded up for four glorious years in Vancouver at UBC medical school. She completed radiology residency in Saskatoon and a one year Vascular and Interventional Radiology fellowship in Toronto, at UHN, where she met Dr. Woodley-Cook, who took her to her first Blue Jays game. [Read more...](#)



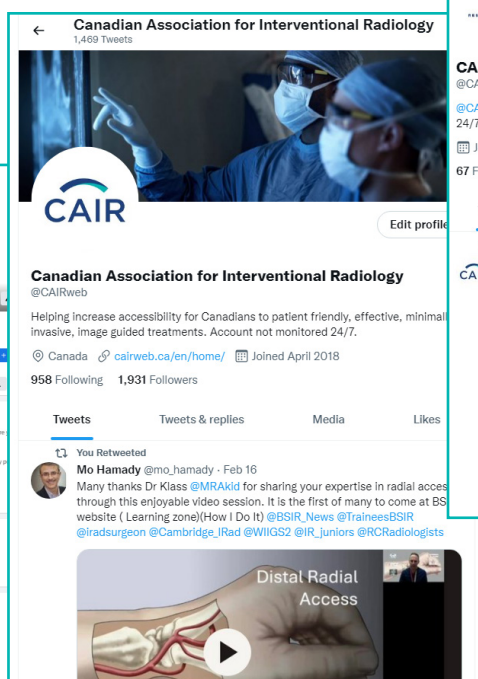
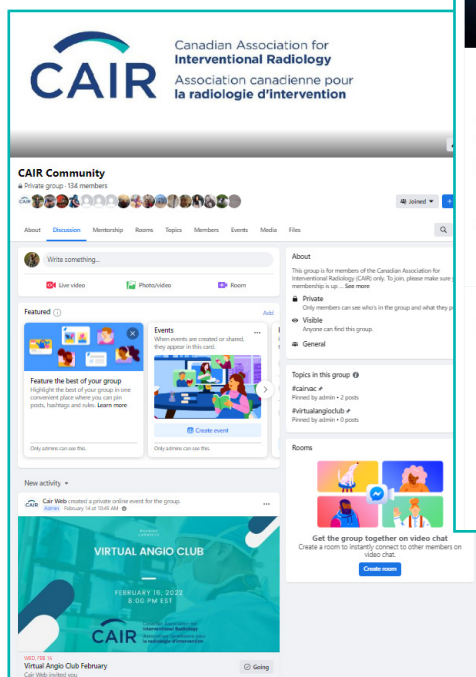
Dr. Woodley-Cook was raised in Hamilton, Ontario, where he finished his McMaster University. He completed his medical degree at University College Dublin.

All the while, he had his sights on the stout and green hills of Dublin, Ireland where he spent five unforgettable years completing his medical degree at University College Dublin.

During this time in medical school, his initial surgical desires gradually shifted towards VIR following clinical observerships with Dr. Beecroft at UHN and research electives with Dr. Anand at Sick Kids. [Read more...](#)



MARKETING AND COMMUNICATIONS



ADVOCACY AND AWARENESS

Written Submission for the Pre-Budget Consultation Advance of the Upcoming Federal Budget

By Organizations for Health Action (HEAL)

February 19th, 2021

Federal Budget 2021: Coalition of 40 national health organizations welcomes health-focused budget

OTTAWA, ON / APRIL 21, 2021 / Member organizations of HEAL, GIAS are pleased to see the federal government table Budget 2021 with a central focus.

Budget 2021 proposes funding for a broad area of health concerns for seniors through proposed funding for Long term Care standards, territories. Enabling seniors to receive the necessary care and services, setting, at the right time and by the right provider has been central to the pandemic.

Fulfilling one of HEAL's primary recommendations, this week's budget for seniors through proposed funding for Long term Care standards, territories. Enabling seniors to receive the necessary care and services, setting, at the right time and by the right provider has been central to the pandemic.

HEAL was pleased to see commitments to further invest in mental health services.

Statements from François Couillard, Co-Chair of HEAL and Chief Executive Officer of the Canadian Association of Occupational Therapists and Hélène Sabourin, Co-Chair of HEAL and Executive Officer of the Canadian Association of Occupational Therapists.

"We appreciate Budget 2021 recognizing the health workers who greatest risk of illness to care for other Canadians. We are happy to see that many of our recommendations into consideration with this budget, optimistic that work will continue on ensuring the health needs of the future," says Hélène Sabourin, Co-Chair of HEAL.

"Beyond COVID-19, we must also ensure that Canada is ready for the future. Thank you to Health Minister Patty Hajdu and Minister for Middle East and International Trade François Couillard, Co-Chair of HEAL.

-30-

HEAL, Organizations for Health Action, is a coalition of 40 national health organizations dedicated to improving the health of Canadians and the quality of life of health care professionals. HEAL's members are professional associations of regulated health care professionals and health charities that provide a range of health care services across more than 650,000 providers (and consumers) of health care.

Position Statement on COVID-19 Vaccination of Healthcare Workers

HEAL, Organizations for Health Action, is a non-partisan coalition of 40 national health organizations dedicated to improving the health of Canadians and the quality of care they receive. Created in 1991, HEAL now represents more than 650,000 providers (and consumers) of healthcare.

The COVID-19 pandemic continues to have major impact on healthcare delivery in Canada and around the world. Highly contagious variants continue to emerge, and vaccination rates fall short of preventing them.

In the interest of ensuring the delivery of safe patient care, HEAL asserts its support to maximize vaccination rates, including evidence-based public education, and encouragement for provincial/territorial governments mandating vaccination of all health care professionals against COVID-19. Mandatory vaccination of all healthcare professionals is an important measure to protect patients, communities, the health workforce and the capacity of the healthcare systems. Higher rates of vaccination will reduce the burden of COVID-19 in our communities and are central to successful pandemic management efforts. HEAL's call for mandatory vaccination of health professionals includes all healthcare professionals, employees, contractors, students and volunteers working across all healthcare settings (hospitals, private/public clinics, home and community-based care).

HEAL recognizes that in certain circumstances, which could arise from certain medical conditions, vaccination may not be medically advisable, and exemptions may be necessary.

STANDARDS OF PRACTICE | VOLUME 32, ISSUE 8, P1241 E1-1241 E12, AUGUST 01, 2021

Society of Interventional Radiology Multidisciplinary Position Statement on Percutaneous Ablation of Non-small Cell Lung Cancer and Metastatic Disease to the Lungs

Endorsed by the Canadian Association for Interventional Radiology, the Cardiovascular and Interventional Radiological Society of Europe, and the Society of Interventional Oncology

Scott J. Gershoff, MD, MBA • Robert D. Suh, MD • Fereidoun Abtin, MD • ... Sheena Patel, MPH • Alda L. Tam, MD, MBA • Jane Yanagawa, MD • Show all authors

DOI: <https://doi.org/10.1016/j.jvir.2021.04.024> • Check for updates

Abstract

Purpose

To state the Society of Interventional Radiology's position on the use of image-guided percutaneous ablation for early stage non-small cell lung cancer, recurrent lung cancer, and metastatic disease.

Materials and Methods

A multidisciplinary writing group, with expertise in treating lung cancer, conducted a literature review and consensus conference to develop this position statement.

ONGOING PARTNERSHIPS

CAR RFS MSN / CRW / CAIR - "Women in IR" Panel Discussion

Event: March 4, 2021
Registration deadline: February 26, 2021

On behalf of the Canadian Association of Radiologists (CAR) Resident & Fellow (RFS) Section Medical Student Network (MSN), in collaboration with Canadian Radiology Women (CRW) and the Canadian Association for Interventional Radiology (CAIR), thank you for your interest in attending our event.

8 PM EST, Thurs, March 4, 2021
Zoom link to be emailed closer to date

"Women in Interventional Radiology" Panel Discussion featuring guest speakers:
Dr. Tara Graham - Vice-President / President-Elect, CAIR,
Dr. Nicolette Sinclair - Interventional Radiologist, University of Saskatchewan,
Dr. Barbara Hamilton - Chief of Interventional Radiology, Desert Regional Medical Center (CAIR & RFS)

[View this email in your browser](#)



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

The **International Day of Radiology #IDoR2021** is celebrated on November 8 with the aim of building greater awareness of the value that radiology contributes to safe patient care and improving public understanding of the vital role radiologists and radiographers play in the healthcare continuum. In 2021, the International Day of Radiology is dedicated to Interventional Radiology and its essential role in treating patients.



As the world continues to face the challenges posed by COVID-19, it is extremely important to acknowledge the key role that medical imaging has in medicine, not only during unforeseen circumstances such as the pandemic, but also on a daily basis in all areas of patient care. Interventional radiology is a unique and growing sub-specialty that helps and protects patients each and every day.

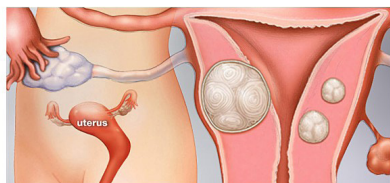
FOLLOW AND SHARE ON SOCIAL MEDIA

SOCIAL MEDIA CAMPAIGNS WITH CIRSE AND SIR



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

Uterine Fibroids and Uterine Artery Embolisation



Dr Veronique Caty, MD FRCPC

Dr Alessandra Cassano-Bailey, MD FRCPC

CAIR INITIATIVE

For more information on
Uterine Fibroid Embolization, visit
CAIRWEB.CA/EN/UFE/

Uterine Fibroid Embolization Facilities / Institutions d'embolisation fibroïde utérine

List of physicians and facilities - CAIR members / Liste des médecins et des établissements - membres de

Facility/Institution Name(Required)

Hôpital / Centre / Université

Full Name(Required)

First Last

Nom complet

Address(Required)

Street Address City Province

Postal Code

Adresse

Phone

Téléphone

Extension

Fax

Email

Courriel

Website

Painful, heavy periods? Unusual monthly bleeding?



Know the symptoms, and learn more
about your treatment options:

uterinefibroids.ca



LIVE AND ON-DEMAND SESSIONS

CAIR VIRTUAL LEARNING SERIES

- Over **2,000 registrants**
- Over **100 presentations** from Interventional Radiologists from across Canada on a variety of topics. Each presentation was followed by discussions and active interactions.
- 'Excellent' and 'Very Good' ratings for all sessions.

- Roundtable on Clinical IR practice
- Grand Slams and Catastrophes
- Wellness Symposium
- Virtual Angio Club
- Virtual Angio Club – Residents, Fellows, and Students
- MSK and Pain Intervention
- Interventional Oncology
- Aorto-Iliac Intervention
- Masterclass – Carotid and Stroke Intervention: Case Review and Techniques
- Peritoneal Dialysis in IR (on-demand)
- Percutaneous Ultrasound Gastrostomy (PUG): Gastrostomy Insertion Outside of the Angiosuite (on-demand)
- **Scientific Session International**
- Virtual Introduction to Canadian IR
- Arterial and Venous Session
- Ask the experts: Diagnosis and Management of Visceral Vascular Malformations

VIRTUAL LEARNING SERIES 2021

• Virtual Angio Club

NOVEMBER 24, 2021, 8PM EST



CAIR

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

• MSK and Pain Intervention

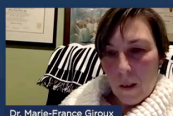
#CAIRVLS



Dr. Arash Jabri



Dr. Amol Mujumdar



Dr. Marie-France Giroux



Dr. Jason Wong



Dr. Chris Wall



Dr. Gerald Gahide

CAIR

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



Dr. Rahim Samji

• Roundtable on Clinical IR Practice

#CAIRVLS

OUR UPCOMING EVENT

GRAND SLAMS & CATASTROPHES

FEBRUARY 6, 2021

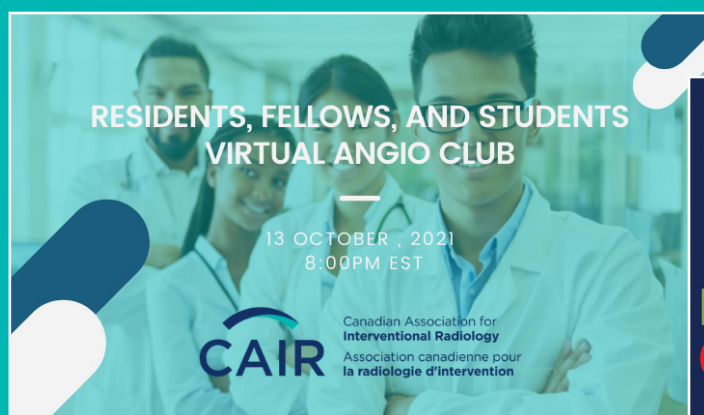
12:00PM-4:00PM EST

CAIR

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

RESIDENTS, FELLOWS AND STUDENTS SECTION (RFS) 2021

- **19 members** (University of BC, University of Manitoba, University of Calgary, University of Alberta, Western University, McMaster University, University of Toronto, University of Ottawa, McGill University, Université de Montréal, Université de Sherbrooke, Université Laval, Dalhousie University, Memorial University)
- Educational resources, learning, and networking opportunities for residents, fellows, and medical students
- Virtual Angio Club and Introduction to IR - Virtual Symposium: close to **400 registrants**, and **22 presentations and speakers**
- Participation in the IR Juniors Global Summit 2021 hosted by PAIRS



Transjugular Hepatic Pressure

- Mean free hepatic vein pressure (FHVP): 12.15 mmHg (previous 12-15 mm Hg)
- Mean wedged hepatic vein pressure (WHVP): 30 mmHg (previous 25-29 mm Hg)
- Pressure gradient (HVPG): 15 mmHg

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

Virtual Angio Club
Residents, Fellows, and Students

#CAIRVLS

RESEARCH

CLINICAL CONSENSUS STATEMENT: ESTABLISHING THE ROLES OF LOCOREGIONAL AND SYSTEMIC THERAPIES FOR THE TREATMENT OF INTERMEDIATE HEPATOCELLULAR CARCINOMA (HCC) IN CANADA

- Project expected completion date: 2022

AUTHORS

- Robert J Abraham, MD, FRCPC, FSIR, FCIRSE, Dalhousie University, Halifax, NS, Canada
- Kelly W Burak, MD, MSc, FRCPC, Foothills Medical Centre, Calgary, AB, Canada
- Prosanto Chaudhury, MD, MSc, FRCSC, FACS, McGill University, Montreal, QC, Canada
- Laura A Dawson, MD, Princess Margaret Cancer Centre, Toronto, ON, Canada
- Elijah Dixon, MD, MSc, FRCSC, University of Calgary, Calgary, AB, Canada
- Howard Lim, MD, PhD, FRCPC, BC Cancer, Vancouver, BC, Canada
- David M Liu, MD, FRCPC, FSIR, University of British Columbia, Vancouver, BC, Canada
- Ilidio Martins, PhD, Kaleidoscope Strategic, Inc. Toronto, ON
- Brandon M Meyers, MD, MSc, Juravinski Cancer Centre, Hamilton, ON, Canada
- Amol Mujoomdar, MD FRCPC FSIR, Western University, London, ON, Canada
- Ravi Ramjeesingh, MD, PhD, FRCPC, Dalhousie University, Halifax, NS, Canada
- Setareh Samimi, MD, FRCPC, Hopital Sacre-Coeur de Montreal, Montreal, QC, Canada
- Gonzalo Sapisochin, MD, PhD, MSc, University of Toronto, Toronto, ON, Canada
- Maja Segedi, MD, MPH, Vancouver General Hospital, Vancouver, BC, Canada
- Vincent C Tam, MD, Tom Baker Cancer Centre, Calgary, AB, Canada
- David Valenti, MD, FRCPC, FSIR, FCIRSE, McGill University, Montreal, QC, Canada
- Jason K Wong, MD, FRCPC, FSIR, FCIRSE, University of Calgary, Calgary, AB, Canada

THANK YOU TO ALL OUR VOLUNTEERS!



OUR SINCEREST THANKS TO



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

cairweb.ca

#2200 - 1250 René-Lévesque Boulevard West
Montreal, QC H4B 4W8

info@cairweb.ca

