

ANNUAL REPORT 2022



Canadian Association of Radiologists
L'Association canadienne des radiologistes

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L'Association canadienne des radiologistes
Rapport annuel 2022

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Coming through several difficult years, the Canadian Association of Radiologists (CAR) and its members across the country have demonstrated their resilience. Though the radiology community in Canada has persevered, there are still challenges ahead that must be met – patient wait times for diagnostic imaging are still damagingly long and health human resources are in desperate need of investment from the federal government.

The CAR is proud of the work of our members, staff, and corporate partners, and will continue to advocate on behalf of Canadian radiologists and patients.



About the Canadian Association of Radiologists

The CAR is the national voice of radiologists in Canada, dedicated to imaging excellence and advocating for the highest standard of patient care across the country. The CAR is a recognized leader in education, research, and innovation in radiology. The CAR is focused on providing world-class resources that empower our members to be more successful in their profession.

CAR Mission and Vision

Mission

To be the national voice for medical imaging excellence in patient care.

Vision

1. The CAR is the **national authority and voice of radiologists** speaking to the federal government, industry, provincial and international radiology organizations, and other specialty societies on matters of radiology training, research, workforce, licensing, accreditation, standards, and future trends in radiology.
2. The CAR is a strong organization with universal membership providing a **unified, guiding, and respected voice for all Canadian radiologists** and the practice of radiology in Canada.
3. Emphasizing appropriate, safe, and cost-efficient quality care, the CAR is the **preferred source of best practice information for radiologists, government, industry, healthcare authorities and the public**. The CAR actively disseminates best practices by creating and maintaining guidelines and standards, and by promoting continuing education for radiologists, other physicians, healthcare workers, healthcare policy makers and the public.

Strategic Goals (2018-2022)

1. Be recognized as the national voice of radiologists and advocate for the profession in Canada, within the profession and beyond.
2. Remain a leader in setting practice guidelines and defining the quality agenda for diagnostic imaging in Canada and facilitate the implementation of those practice guidelines to improve the quality of patient care.
3. Be seen as a relevant and valuable national association by Canadian radiologists, providing unique programs and services.
4. Maintain resiliency and be able to respond to changing needs through a strong foundation and operations that are aligned with association best practices.

The CAR is undergoing planning for a new five-year strategic plan for 2023-27. We have consulted the membership to help assess priorities for radiology in Canada.

Board of Directors

Executive of the CAR Board of Directors 2022-2023



Dr. Gilles Soulez,
President



Dr. Michael Barry,
Past President



Dr. Ania Kielar,
Vice President



Dr. Alison Harris,
Secretary -
Treasurer



Dr. Carolyn Flegg,
Board Chair

CAR Board of Directors



Dr. William Anderson



Dr. Michael Barry



Dr. Pierre Bourgouin



Dr. Virginie Demers



Dr. Darren Ferguson



Dr. Carolyn Flegg



Dr. Alison Harris



Dr. Ania Kielar



Dr. Kiana Lebel



Dr. Frank J. Lexa



Dr. Daniel Petrie



Dr. Heidi Schmidt



Dr. Gilles Soulez



Dr. Carlos Torres



Dr. Sheldon Wiebe

Every year means saying goodbye to members who have graciously dedicated their time and effort to serving the Board and the CAR members they represent. The biggest upcoming alteration to the roster of executives is the change in leadership, with current President Dr. Gilles Soulez stepping down from the position, concluding his presidency after the CAR's Annual Scientific Meeting from April 27-30, 2023.

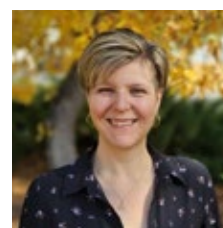
Dr. Soulez noted that he has gained a lot from working with the Board of Directors and CAR members during his time as president.

"I have personally learned a lot from this collaboration, and it is always a pleasure working with them. While my term as President is nearing an end, I have truly enjoyed representing my peers at a national level and am impressed by the expertise and dedication of radiologists across the country."

Other members of the Board of Directors will also be departing at the end of April 2023:

Board Meetings Chair, Dr. Carolyn Flegg

Dr. Carolyn Flegg received her medical degree from the University of Saskatchewan. Following her radiology residency training at Queen's University in Kingston, Ontario, she completed a fellowship in Oncology Imaging through McMaster University at the Henderson Hospital site in Hamilton, Ontario. In 2007, after working at the Henderson Hospital for a year following her fellowship, Dr. Flegg returned home to Saskatchewan where she joined Associated Radiologists in Saskatoon. While her practice encompasses all areas of general diagnostic radiology, her primary field of interest is oncology imaging, particularly breast, thyroid, and gynecological imaging. In 2009 and 2010, Dr. Flegg served as the Clinical Head for the Department of Medical Imaging of the Saskatoon Health Region. She is currently the Medical Director of the Breast Health Centre at Saskatoon City Hospital.



Past-President, Dr. Michael Barry

Dr. Barry is an Assistant Professor in Radiology at Dalhousie University and has served on numerous political action committees locally and nationally, along with being President of the Saint John Chamber of Commerce and Vice-Chair of the Economic Development Agency for Southern New Brunswick. He serves on the Board of Canadian Health Solutions, an Atlantic Canadian Private Health initiative focused on research, occupational medicine, and medical best practice. Dr. Barry is the former Chief of Radiology at the Saint John Regional Hospital. He is also the founding President of Atlantic Diagnostic Medical Services and was a founding committee member of DalNB, the undergraduate medical school in Saint John. Dr. Barry has a long history of working through the challenges of being a front-line radiologist. Not satisfied with the status quo, he has long been an advocate for better patient care as well as a sustainable work environment. Dr. Barry has been married to his wife Susan for over 35 years and is the proud father of four children and one grandchild.



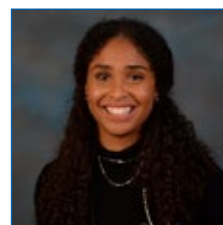
Dr. Bill Anderson

Dr. Bill Anderson graduated from the University of Alberta Medical School in 1980, and from the University of Calgary in 1985. He moved back to Edmonton in that year and joined the Clare and Associates Radiology Partnership at the Edmonton General Hospital. He did further training in neuro-diagnostics at the University of California, San Francisco in 1994. With changes in healthcare in the mid-1990s, he was instrumental in the merger of four separate imaging partnerships in Edmonton to form Medical Imaging Consultants (MIC), the largest partnership of diagnostic imagers in Canada and still serves on their executive. Still successful today, MIC serves Northern Alberta through eight separate hospitals as well as operating over a dozen major full-service outpatient medical imaging facilities. He became involved in medical politics and advocacy early in his career. He was the President of the Alberta Society of Radiologists from 1994-1996 and the Alberta Medical Association in 1997. He was subsequently on the CMA Board from 1998-2001 and again as Observer to the Board in 2006-2009. During this time, he chaired both the AMA Government Affairs Committee from 2002-2008 and then the CMA Political Action Committee from 2006-2009. He was awarded the Sir Charles Tupper Award for Advocacy by the CMA in 2010. Dr. Anderson is Past Provincial Medical Director for Diagnostic Imaging for Alberta Health Services (AHS) as well as Past Medical Director for Diagnostic Imaging AHS Edmonton Zone and Clinical Professor for the Department of Radiology at the University of Alberta. Dr. Anderson lives in Edmonton with his wife Diane and has two daughters.



Dr. Kiana Lebel

Dr. Kiana Lebel is a resident radiologist at the Université de Montréal. Before studying medicine, Dr. Lebel completed two years of a bachelor's degree in psychology. She then enrolled in the medical program at the Université de Sherbrooke at their satellite campus in Chicoutimi. There, she was able to get involved with vulnerable populations, such as First Nations, elderly people in isolation, and homeless women. This interest in equity, diversity, and inclusion (EDI) issues led her to publish, as first author, the very first literary review on diversity in Canadian radiology: [The Status of Diversity in Canadian Radiology—Where we stand and what can we do about it?](#) This article was one of the catalysts that led to the creation of the CAR's Equity, Diversity, and Inclusion Working Group. This article also suggests increasing opportunities to expose medical students to radiology to ensure equitable representation in this speciality. It was with this goal in mind that she returned to Montréal as a resident radiologist and became the Medical Student Network (MSN) Coordinator for the 2021–2022 year to work with Canadian students from the 17 faculties of medicine. Among other projects, she developed the first mentorship network in radiology, which involves 60 residents and 60 medical students. In her spare time, Dr. Lebel loves hiking and travelling around the world to discover new cultures. She has visited over 50 countries.



Dr. Heidi Schmidt

Dr. Heidi Schmidt is the Radiologist-in-Chief of the Joint Department of Medical Imaging (JDMI) at the University Health Network, Sinai Health, and Women's College Hospital in Toronto, and is Professor of Radiology at the University of Toronto; she is also Chief of the Medical Imaging Department at Health Sciences North in Sudbury. She trained in Germany, where she finished her residency in diagnostic radiology in 1993. Following a research fellowship at the University of California, San Francisco (UCSF) in 1994, Dr. Schmidt was on the faculty of the Department of Radiology at UCSF until 2002. After her recruitment to Toronto in 2002, her research focused on lung cancer screening using low-dose computed tomography, both as a site in the International Early Lung Cancer Action Program (I-ELCAP), as well as a site in the Pan-Canadian Early Lung Cancer Detection Study. Since 2017, Dr. Schmidt has been the Radiology Quality Lead of the High-Risk Lung Cancer Screening Pilot at Cancer Care Ontario.



Dr. Ania Kielar, currently the CAR Vice-President, will take over for Dr. Soulez as President after his departure at the end of April 2023.

President's Message



The last two years have been challenging for the radiology community. The pandemic had a dramatic impact on healthcare delivery and changed the way radiologists practice. The shortage of health human resources in radiology departments, specifically MRTs and sonographers, continues to be a significant factor that is limiting our productivity across the country. As a result, patients are now waiting even longer than before, creating a desperate situation for imaging in Canada. We are also seeing high levels of burnout among radiology professionals, which is unsettling. Despite these stresses, the radiology community evolved and demonstrated leadership throughout the pandemic and the CAR adapted to offer improved access to resources for our members.

Raising the Bar on Education

During the pandemic, the CAR shifted its efforts to focus on providing enhanced member value through online resources. We ramped up our guidelines and took on new projects including the development of a Lung Cancer Screening Program, education on Abnormal Call Rate for Breast Imaging, and the development of Canadian Referral Guidelines. In addition, we shifted all our education to virtual. In 2022 we had another extremely successful virtual Annual Scientific Meeting (ASM), welcoming over 650 participants to the event. We are thrilled to welcome you in person in Montréal for our 2023 ASM, with the theme: *Advancing Imaging Care Through Innovation*. Thanks to the leadership of Dr. Tanya Chawla and the Scientific Programming Committee, we have a fantastic program with great Canadian and international speakers. We amplified our offerings on RAD Academy – the CAR's learning management platform – and delivered a series of webinars focused on various subspecialties in radiology. Our Affiliate Societies (the CanSPR, the CETARS, the CSAR and the CSTR) emerged as leaders in this space and championed several education projects. This is allowing us to offer continuous medical education relevant for general and specialized radiologists.

The CAR Journal continues to flourish. Under the leadership of Editor-in-Chief Dr. Michael Patlas and thanks to a talented editorial board, we have increased the number of submissions to the journal and raised the overall impact factor to an **all-time high of 4.186**.

\$1 Billion Over Three Years in Medical Imaging

A \$1 billion investment in medical imaging equipment and health human resources is at the forefront of our priorities. We are asking for an investment in equipment and information technologies that will allow us to work smarter with less pressure on our human resources. In an **announcement made by the Federal Minister of Health in March 2022**, it was promised that \$2 billion in new funding would be provided to clear the backlog for healthcare including diagnostics. We were very happy to see this announcement and understand that some of this funding was used by provincial governments to purchase new equipment. This, however, does not meet the threshold of investment required for updating equipment nor does it address the health human resource challenges. The CAR was invited to participate in a Healthcare Workforce Summit hosted by Health Canada. While this was an excellent opportunity to convene various healthcare representative groups, further work needs to be done to come up with key deliverables to ensure that we have a plan for the long-term sustainability of Canadian healthcare including radiology services for patients.

On November 15, the CAR hosted its seventh annual [Day on the Hill](#) and had the opportunity to meet with over 25 Members of Parliament and Senators. Since then, we have been in communication with federal officials and reiterated our advocacy priorities as included in our 2023 [Pre-Budget Submission](#). We also formed an alliance with our partner national radiology societies including the Canadian Association of Medical Radiation Technologists (CAMRT) and Sonography Canada. With the support of these groups and the Canadian Cancer Survivor Network, the CAR published a [multistakeholder brief](#) that includes shared recommendations to address the healthcare delivery challenges in radiology. During CAR 2023, we have organized a meeting with radiology directors from across the country to share best practices focused on efficiency and procurement. We are working with key opinion leaders from to accelerate the implementation of Clinical Decision Support (CDS) systems and develop Canadian referral guidelines for referring health practitioners to ensure all patients have access to the right test at the right time.

Convening, Conversing, and Collaborating

We continue to work with our provincial counterparts to raise awareness for radiologists and the importance of medical imaging in Canada. The CAR invested a record amount of time and money in convening three moderated sessions with the provinces. We have expanded on our existing partnerships and have led several successful campaigns including Breast Cancer Awareness, National MRT Week, and International Day of Radiology. The coverage on social media was extensive. Initiatives such as these help to define the value that medical imaging can bring to the healthcare system as well as raise awareness for our role in providing lifesaving patient care. We also signed an agreement with the Canadian Heads of Academic Radiology (CHAR) to enhance our collaboration and improve our educational and research portfolios. Thanks to the leadership of Dr. Kiana Label, Chair of our Resident Fellow Section (RFS), we are providing high calibre educational content and mentoring opportunities for residents and fellows. There has been significant effort to train and engage medical students under the CAR's Medical Student Network (MSN) to attract the best students to our speciality and help educate our future referring professionals to order relevant imaging for patients.

Recognizing Our Members

With the support of our members and a dedicated team of staff and volunteers, I believe we are stronger than ever before. The work that we continue to do in improving patient care is first class. The commitment that radiologists have demonstrated is recognized not only in Canada but internationally.

Special acknowledgement goes to our Board of Directors who have done an amazing job in representing their peers and for being the voice of radiology in Canada. We are privileged to be supported by an outstanding staff led by Nick Neuheimer, CEO. Kudos to the whole team.

Our focus on advocacy, education, guideline development, and building strong partnerships in the medical community is what continues to help the CAR position radiology at the forefront of patient care. I continue to be impressed by the expertise and dedication of radiologists across the country. While my term of President will end in April 2023, I am predicting a stellar year ahead under the leadership of Dr. Ania Kielar, your new president. She is a very talented radiologist and communicator and is recognized as a charismatic leader among all her peers nationally and internationally.

As always, we could not do what we do without our members, and we are grateful for your continued support and leadership.

Dr. Gilles Soulez
CAR President

Message from the Chief Executive Officer



Dear CAR Members,

I have thoroughly enjoyed serving our members and staff as CEO of the Canadian Association of Radiologists for the past seven years. Meeting with radiologists from different clinical settings across Canada has allowed me to understand the impact our members have on their communities, but more work is on the horizon. As we move forward, I believe our organization must prioritize advocating for financial investment in medical equipment and health human resources from the federal government, maintain high standards of education, and offer relevant resources and services that allow our members to provide the best possible medical care in their communities.

We know that the radiology community in Canada is resilient. We are grateful to our members who have stepped up to provide their expertise in our advocacy efforts and, as an organization, we are looking to do everything we can to keep these issues visible for federal officials whose influence can affect positive change in Canadian healthcare.

Promoting the Work of our Members

CAR members are at the forefront of delivering patient care and executing on the high standards of Canadian radiology. It is our job to showcase the work of our members in its varied capacities. We do this by involving members in our advocacy efforts on Parliament Hill, providing venues to share their expertise like organizing webinars and Annual Scientific Meeting educational sessions, by connecting our members with Canadian media to give voice to pertinent public issues, and by drawing attention to the work of individuals through our own membership communication channels like the Weekly Scan bulletin and Beyond the Image monthly newsletter. We are incredibly proud of the excellent work being done by CAR members and will continue to cheerlead their efforts.

None of this would be possible without the dedicated CAR staff and the support of our CAR Board of Directors. I offer a sincere thank you to everyone who has graciously worked to support the cause of improving the lives of Canadian patients.

Nick Neuheimer
Chief Executive Officer

Top 7 Achievements and Initiatives in 2022

- 1. Day on the Hill, November 15** – CAR leadership and members met with more than 25 Members of Parliament and Senators, including members of the Standing Committee on Finance and Health, to advocate for radiology at the national level. Recommendations were developed in partnership with the Canadian Association of Medical Radiation Technologists (CAMRT) and Sonography Canada.
- 2. Increased membership of four CAR Affiliate Societies** – the Canadian Emergency, Trauma and Acute Care Radiology Society (CETARS), the Canadian Society of Abdominal Radiology (CSAR), the Canadian Society of Pediatric Radiology (CanSPR), and the Canadian Society of Thoracic Radiology (CSTR) all saw a sharp increase in membership in 2022.
- 3. CAR 2022** took place virtually for the second consecutive year, attracting over 650 attendees and more than 160 abstracts submitted.
- 4.** The CAR Journal reached new heights by increasing its Overall Impact Factor score to a record **4.186**.
- 5. Implementation of online accreditation for the CAR Mammography Accreditation Program** makes it seamless for breast imaging clinics to adhere to their accreditation requirements.
- 6. Initiated a national e-referrals project** with the Canadian Association of Emergency Physicians, the College of Family Physicians, and other leading specialty societies.
- 7. Launched the QUEST Lung Cancer Screening** education program with the Canadian Partnership Against Cancer, with Parts II and III slated open for registration in 2023.

2022: A Year in Numbers



Hospital News

1

Radiology feature in
Hospital News



4.186

Overall Impact Factor
of the CAR Journal



7

Clinical Practice
Guidelines, Statements
and White Papers



13

Live webinars



4

Successful social media public awareness and
advocacy campaigns (Breast Cancer Awareness,
MRT Week/International Day of Radiology, Heart
Month, Day on the Hill)

170

educational offerings on RAD Academy and

1,082

registered users



22

Meetings with Members of
Parliament, Senators, and the
Standing Committee on Health



670

Units accredited by
Mammography
Accreditation Program



650

Participants at Virtual
Annual Scientific Meeting



2,900 CAR members

6,582 Social media followers



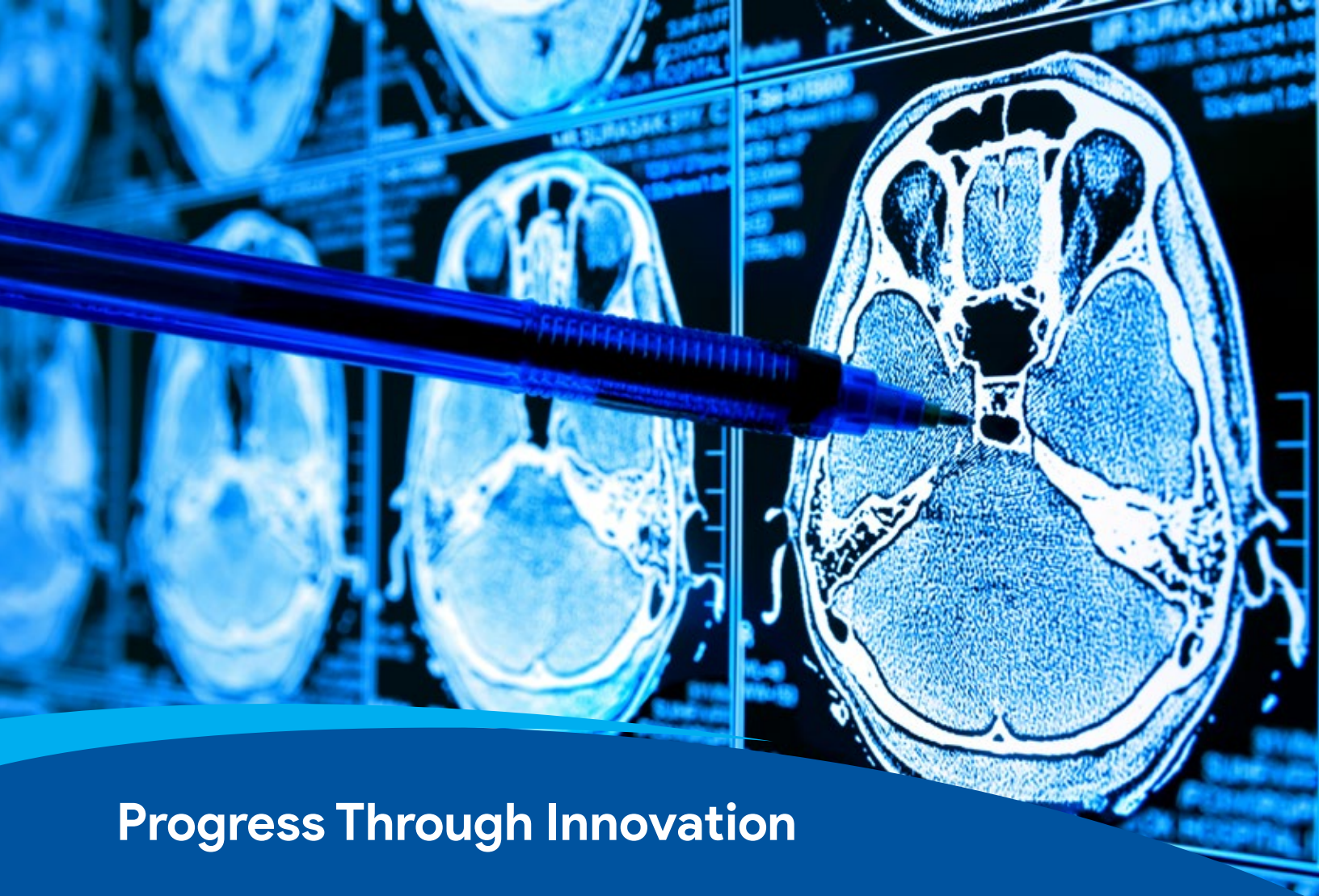
Advocacy – Being Seen More, Heard More, and Better Understood

A major priority for the CAR's advocacy efforts in 2022 was more investment from the Federal Government for medical imaging (MI). The increased investment was intended to reduce backlogs for diagnostic imaging, upgrade ageing imaging equipment, and address depleted health human resources. In March, the [Federal Government announced](#) a \$2 billion investment in reducing wait times including for diagnostic imaging. The CAR had been advocating for an investment like this for several years and considered this a victory for the radiology community and Canadian patients.

The CAR held its seventh Annual Day on the Hill in-person for the first time in several years and connected experts in radiology with Members of Parliament, Senators, and members of the House of Commons Standing Committee on Health and Finance. The Day on the Hill took place on November 15, a date selected to coincide with [National MRT Week \(November 8-15\)](#) and the [International Day of Radiology \(November 8\)](#). The CAR partnered with the Canadian Association of Medical Radiation Technologists (CAMRT), Sonography Canada, and the Canadian Cancer Survivor Network to develop [recommendations](#) to address the medical imaging crisis in Canada. Over the course of more than 20 meetings, the CAR's major priorities resonated well with federal officials:

1. **Invest \$1 billion over three years for MI equipment** to be distributed to the provinces on a per capita basis. In conjunction, it is imperative that the government, working with radiology stakeholders, implement a health human resources strategy that includes hiring more medical radiation technologists (MRTs) and sonographers to help support the increased equipment capacity.
2. **Support the implementation of a national e-referrals program** (clinical decision support) to equip referring health professionals with better access to MI guidelines, ensuring that patients receive the right imaging test at the right time.
3. **Harness homegrown AI applications** for the strategic prioritization of health human resources, technology, and infrastructure for MI in Canada.

The Members of Parliament (MPs) we met with understood the significant impact of excessively long wait times for MI and that Canadians deserve better. Some of the MPs offered to champion these initiatives and to write letters to the Ministers of Finance and Health with these requests. Overall, we were very pleased with the reception and are optimistic in terms of next steps as it pertains to the Canadian Health Transfer.



Progress Through Innovation

Technological innovation in radiology can help address issues currently facing Canadians, specifically the backlog for medical imaging that is causing patients to wait extraordinarily long to receive care. Introducing innovative medical imaging technologies would allow the radiology community to service more patients and expedite the process of producing high-quality imaging. Artificial Intelligence (AI) plays a significant role in this by helping to triage patients and to support radiologists in their diagnosis. With new home-grown Canadian technologies available, the CAR believes we should harness the technological capabilities of AI and incorporate them into our healthcare system.



Exploring Artificial Intelligence on Multiple Fronts

Incorporating AI into the field of radiology remains a priority for the CAR and its AI Standing Committee, chaired by Dr. Jaron Chong. The topic was discussed at the Board of Directors meeting in September, specifically around creating a network of experts whose purpose is to evaluate applicable AI software and products in a Canadian healthcare environment.

“The CAR is exploring a post-market AI validation strategy where the CAR would provide oversight for testing proposed AI solutions and provide recommendations to Health Canada for implementation. This would involve the creation of a Radiology AI Validation Network (RAIVN). Currently such a mechanism that audits AI technology for imaging does not exist and it would be of great value for radiologists and patients in Canada.” – September 2022 Board Meeting Highlights

CAR members continue to be thought leaders and active stakeholders in the field of AI and its implementation in radiology. **Dr. Alexandre Cadrin-Chênevert** is on the *Radiology: Artificial Intelligence Journal* Editorial Board, produced by the Radiological Society of North America, and **Dr. Bo Gong** is on the Trainee Editorial Board of the same journal. At RSNA 2022, attended by several CAR members and delegates, there was a strong focus on incorporating cutting-edge technology like AI. CAR members are at the centre of the discourse in this constantly evolving field, with the aim of bringing its technological benefits to Canadian patients.

Setting and Maintaining the Highest Standard of Patient Care Across the Country

Patient safety is paramount to the CAR. Through the establishment of evidence-based clinical practice guidelines and quality assurance programs, the CAR can have a direct impact in safeguarding Canadians. It is the CAR's objective to ensure that radiologists are relying on the most up-to-date research and following the highest standards of patient care across the country.

Quality Assurance

In keeping with our mission to promote safe, efficient, and high-quality healthcare for Canadians, the CAR works closely with recognized experts and other professional bodies to develop national standards and guidelines. Our goal is to ensure the optimal procedure is done the proper way so Canadians can benefit fully from diagnostic imaging and the skills and expertise of radiologists. The CAR's evidence-based practice guidelines define the principles of practice that will best guarantee the right treatment. Serving as guidelines for healthcare and industry professionals, CAR practice guidelines promote high-quality care for diagnosis, medical practice, and treatment.

Clinical Practice Guidelines and Position Statements

The CAR has followed through on many of its initiatives that carried over from the previous year. Three position statements, two clinical practice guidelines, and one white paper were published in 2022. All materials were produced using a rigorous methodological approach and with oversight from established experts in the field.

One of the guidelines that had been slated for publication in early 2023 is already complete – [Recommendations for the Management of Incidental Musculoskeletal Findings on MRI and CT](#) – and more are currently in development. All [clinical practice guidelines](#) and [position statements](#) are available to read online.

Guidelines and Position Statements produced in 2022

Guidelines on Thoracic Interventions	Prostate MRI White Paper	Guidance on Contrast-Associated Acute Kidney Injury
Canadian Society of Breast Imaging (CSBI) Position Statement on CAR Mammography Accreditation Program (MAP)	CAR & COMP Position Statement on Workstation Standards in Mammography Accreditation Program	CAR's Statement on Iodinated Contrast Media Shortage

Guidelines and Position Statements in development in 2023

CAR Practice Statement on Advanced Ultrasound for Endometriosis	CAR Guidance on CT Colonography	CAR Policy Statement on Structured Reporting	CAR/CSACI Practice Statement on Contrast Media Hypersensitivity	CAR Practice Statement on MRI for Endometriosis
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Accreditation and the Patient Centred Experience

The Mammography Accreditation Program (MAP) is a key offering of the CAR and has been since its inception more than 20 years ago. MAP is a voluntary program that ensures mammography image quality meets Canada's highest standards, offering radiologists the opportunity for peer review and evaluation of their facility's staff qualifications, equipment performance, quality control, and more.

While MAP is a thriving program, the CAR has its sights on enhancing accreditation. The CAR is developing a national CT Accreditation Program, **now in the pilot stage at the Niagara Health Engagement Network (NHEN)**. A focus of the program is to centre patient needs by directly consulting with patients requiring CT care services and incorporating feedback into the accreditation standards. Working directly with patients is critical to ensuring that decisions impacting patient care are made in an authentic way, and the CT Accreditation Program being piloted at the NHEN has already produced meaningful improvements. One small but notable change is displaying CT machine maintenance information in the CT room.

Other implementable standards based on patient experience include:

- Explain what contrast dye is and its potential effects.
- Give a thorough explanation of what to expect while inside the CT machine.
- Ask patients if they have difficulty holding their breath.
- Offer pillows and/or bench pads to help alleviate pressure points like elbows, knees, and feet.
- Post the service and maintenance schedule for the machine in an easily visible position as done with fire extinguishers and other equipment.

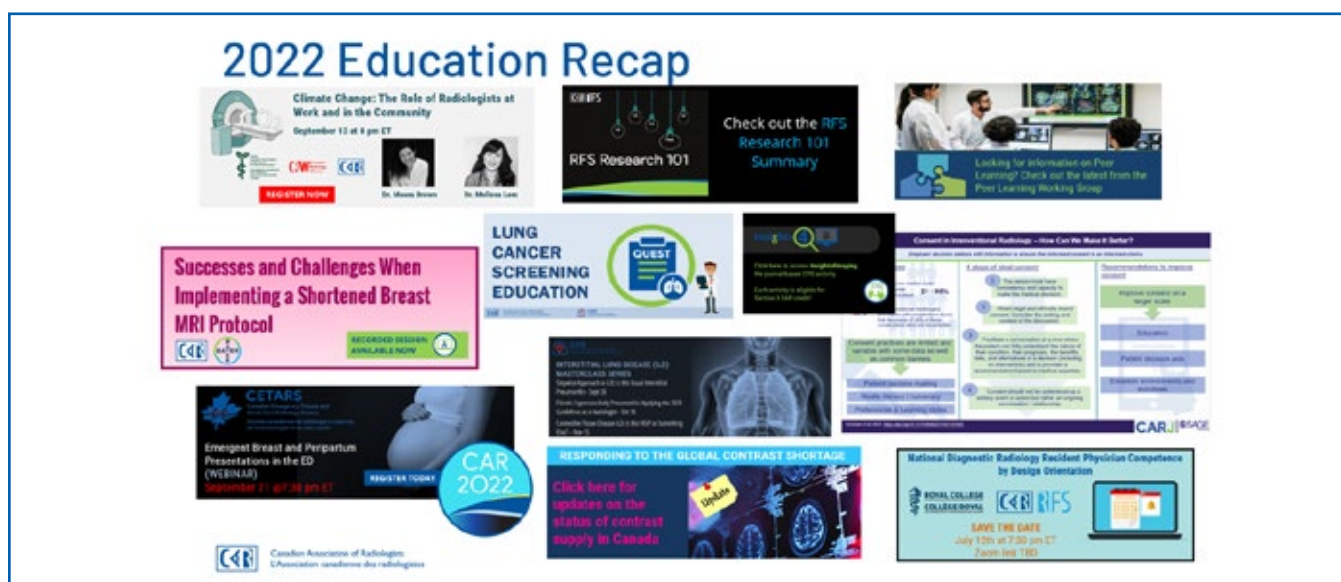
On top of the anticipated launch of the CT Accreditation Program to other health care facilities, more programs are in development. A new Lung Cancer Screening Accreditation program is slated to be piloted in Ontario in mid-2023, followed by MR and Diagnostic Sonography standards later in 2023, and Bone Mineral Density accreditation tentatively planned to be introduced as a pilot program in 2024.

RAD Academy Continues to Thrive

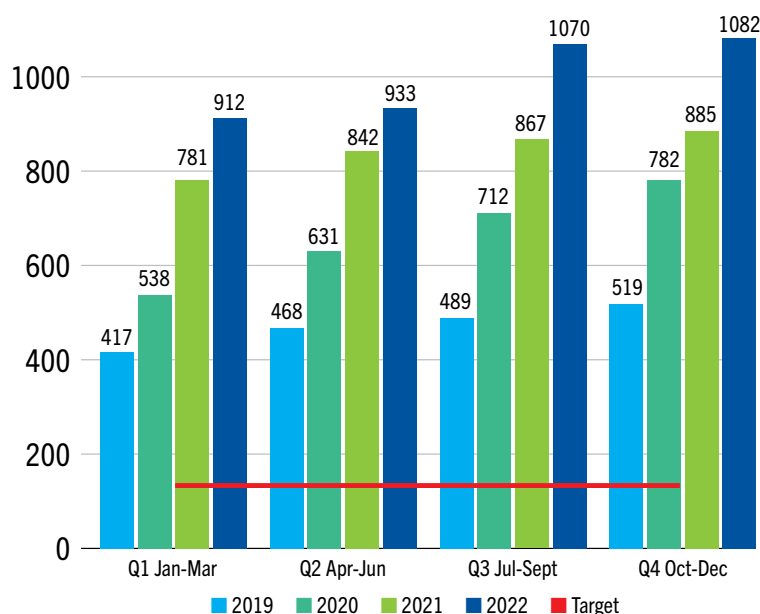
Supporting the educational needs of Canada's radiology community remains a strategic priority for the CAR, and one that is proving its worth among radiologists. Engagement with RAD Academy, the CAR's online learning management platform, continued to steadily increase in 2022. The number of registered users on RAD Academy last year reached a record mark of 1082, nearly 200 more than the peak of 2021.

In addition to the accredited activities on RAD Academy, it was a busy year for educational webinars. The CAR hosted and collaborated on more than a dozen webinars covering a wide range of topics and subspecialties like climate change,

peripartum presentations in the emergency department, peer learning, a masterclass on interstitial lung disease, and the transition to Competence by Design. The momentum is poised to continue into 2023, with *Inside the C-Suite*, an eight-part series based on the foundation and fundamentals of the CanMEDS Physician Competency Framework: communicator, collaborator, leader, health advocate, professional and scholar. The new year will also produce the coming phases of the critically practical *QUEST: An Introduction to Lung Cancer Screening Primer* and the *Breast Screening: Abnormal Call Rate* education programs, which are currently in development.



RAD Academy – Engagement



Interest in the Affiliate Societies is on the Rise

The CAR's four Affiliate Societies, which represent radiologists who share an interest in each subspecialty, continue to grow in visibility and membership. Each of the Affiliate Societies played a significant role in the 2022 Annual Scientific Meeting, have helped to develop educational content for RAD Academy, and have aided in the development of several guidelines. As a result, there has been a steady increase in membership.

Take a look at what the Affiliate Societies accomplished in 2022 and what is on the horizon:



The Canadian Society of Thoracic Radiology (CSTR)

President: Daria Manos, MD, Dalhousie University

CSTR now has 176 members compared to 132 in January 2022

Recent Activities

- The Lung Cancer Screening Education program QUEST was released. Didactic lectures and interactive CME activities are available on RAD Academy
- Conducted a three-part Masterclass on Interstitial Lung Disease – Sept, Oct and Nov 2022 – available on RAD Academy
- The Thoracic Intervention practice guideline was completed and published – September 2022
- The CSTR hosted its first in-person meeting at RSNA since the pandemic and held a networking social evening – November 2022

Upcoming Activities

- Continued development of QUEST: An Introduction to Lung Cancer Screening Primer Parts II and III – 2023
- Revision of the Lung Cancer Screening practice guideline – Q1 2023
- Development of a Cardiac CT practice guideline – Q2 2023
- Conducting another series of CSTR Masterclass webinars – Q4 2023
- The first CSTR Award of Excellence will be presented at CAR 2023 – April 2023



The Canadian Society of Abdominal Radiology (CSAR)

President: Silvia Chang, MD, University of British Columbia

CSAR now has 172 members compared to 110 in January 2022

Recent Activities

- The CSAR hosted its first in-person meeting at RSNA since the pandemic – November 2022
- Organized and finalized all speakers, topics, and deliverables for CAR 2023
- Published the Prostate MRI white paper in the CARJ – August 2022
- Released the Post-Contrast Acute Kidney Injury guideline – May 2022

Upcoming Activities

- Hosted the Hepatocyte-specific MRI webinar in partnership with Bayer – February 8, 2023
- Development of a Prostate MR case collection and associated CME activities, in support of the Prostate MRI white paper
- Development of an infographic and webinar to support the Guidance of Contrast-Associated Acute Kidney Injury
- Development of an Endometriosis practice guideline – Q1 2023
- Development of a CT Colonography practice guideline – Q1 2023



The Canadian Emergency, Trauma, and Acute Care Radiology Society (CETARS)

President: Savvas Nicolaou, MD, University of British Columbia

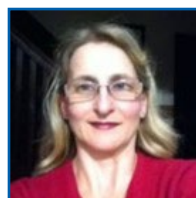
CETARS now has 148 members compared to 88 in January 2022

Recent Activities

- Webinar sessions hosted: Mass Casualty Incidents and Emergent Patient and Peripartum Presentations in the ER – March and September 2022
- Organized and finalized all speakers, topics, and deliverables for CAR 2023
- Published the multi-society International Emergency Radiology white paper on CT contrast in the CARJ – April 2022

Upcoming Activities

- Development of the Imaging the Pregnant Trauma Patient practice guideline – Q2 2023
- Produce another series of educational webinars – TBD 2023
- Development of accredited Section 3 Self-Assessment Program activities based on CAR 2023 session content – Q3 2023
- The first CETARS Medal of Excellence award will be presented at CAR 2023 – April 2023



The Canadian Society of Pediatric Radiology (CanSPR)

President: Lucia Carpineta, MD, McGill University

CanSPR now has 100 members compared to 69 in January 2022

Recent Activities

- CanSPR hosted its first in-person meeting at RSNA since the pandemic – November 2022
- Organized and finalized all speakers, topics, and deliverables for CAR 2023
- Finalized the 2023 CanSPR Affiliate Society Strategic Plan including all deliverables – November 2022

Upcoming Activities

- Continued development of the CT Accreditation Program imaging protocols – 2023
- Magnetic Resonance Accreditation Program (MRAP) development – 2023
- Diagnostic Sonography Accreditation Program (DSAP) development – 2023
- Development of a new practice guideline in 2023
- Development of accredited Section 3 Self-Assessment Program activities based on CAR 2023 session content – Q3 2023

Engaging Our Membership

In 2022 our membership total surpassed 2900, a gain of nearly 100 members over the previous year. Areas that have seen the most engagement are the Resident and Fellow Section (RFS), Medical Student Network (MSN), and the four CAR Affiliate Societies, each of which have attracted new members over the past year. Expansion and engagement of our membership base is always a top priority for the CAR, allowing us to solidify our position as the national voice of radiologists. We exist to make our members more successful.

Growing Social Media Presence with Members and Stakeholders

The CAR's social media presence continued to expand over the past 12 months as evidenced by the growth in followers across all channels. In total, the CAR's social media audience grew nearly 20% in 2022 to 6,582 followers. The Twitter account crossed the 4k follower mark, and both the Facebook and LinkedIn accounts surpassed 1k followers. While all accounts performed well, the most growth in engagements took place on LinkedIn, increasing 65% over 2021 (7222 total). Not surprisingly, the most engaged post of the year (477 total) came from LinkedIn – a post announcing the wrap-up of Day on the Hill with photos of MP meetings and the centre block of Parliament Hill.

Member engagement via email communication has continued to flourish. The Weekly Scan news bulletin shares timely information relevant to members more than 40 times each year. The monthly newsletter, Beyond the Image, highlights news and accomplishments in radiology with in-depth, member-focused articles and features. Both publications routinely post email open rates above 60% and click rates approaching 4% which are high above industry communication standards of 25% and 2% respectively.

Key social media numbers 2022

- 742k impressions
- 25k engagements
- 1414 total posts
- Top post – 477 engagements
- 6582 total social followers

New website users

- 61k new users in 2022
- Average 5.5k users per month

Organic social media campaigns

- Day on the Hill
- International Day of Radiology/MRT Week
- Breast Cancer Awareness Month
- Heart Month

CAR 2022 Award Winners

The CAR recognized the incredible contributions of Award recipients and Fellows of the CAR in 2022.



CAR Gold Medal Award

Dr. Jacques Lévesque, CEO, Radiologie et imagerie médicale de la Capitale

This medal is presented to a long-time member of the CAR who has made outstanding contributions to the Association as well as to the profession of radiology in Canada. It is the CAR's highest honour. *"The role of the CAR is essential for radiologists, and I am proud to have served in past leadership roles with the organization and honoured to receive this prestigious award."*



Distinguished Career Achievement Award

Dr. Pierre Bourgouin, Neuroradiologist at the CHUM in Montreal, Full Professor at the University of Montreal, and Associate Dean at the Faculty of Medicine

The CAR Distinguished Career Achievement Award is presented to honour individuals who, over the course of their career, have made very significant contributions to radiology in Canada. *"I am honoured to accept this award and join a distinguished group of select individuals. I thank the CAR for this honour."*



Young Investigator Award

Dr. Christian B. van der Pol, Assistant Professor at McMaster University, radiologist at the Juravinski Hospital and Cancer Centre

This award is presented to a CAR member in the early stages of their career and recognizes exceptional contributions to medical imaging-related research. *"Thank you for the true privilege and honour. It is very humbling to receive this award and to be amongst many great academic radiologists before me."*

2022 Fellowship of the CAR

Bill Anderson	Carpio-O'Donovan	Louis Gaudet	Jacques Lévesque	Chris Molnar	Adnan Sheikh
Michael Barry	Carole Dennie	Mayank Goyal	Clifford Levi	Elsie Nguyen	Sat Somers
Nabil Bechai	Julian Dobranowski	Ian Hammond	Andrea Lum	Michael Patlas	Lawrence Stein
Pierre Bourgouin	Darren Ferguson	Guy Hébert	Edward Lyons	Rebecca Peterson	Giles Stevenson
Guy Breton	Karen Finlay	Iain Kirkpatrick	Douglas MacEwan	Linda Probyn	John Sutherland
Gregory Butler	Bruce Forster	David Koff	Stewart MacMillan	Martin Reed	Karel ter Brugge
Jean Chalaoui	Allan Fox	Robert Lambert	Daria Manos	Caroline Reinhold	David Vickar
Silvia Chang	David Fraser	Emil Lee	Robert Miller	Louise Samson	Sheldon Wiebe
Raquel del	James Fraser	Brian Lentle	William Miller	Jean Seely	Stephanie Wilson
				Robert Sevick	Carl Zylak

Our 2022 Corporate Partners

We are pleased to acknowledge the CAR's corporate partners. The CAR has benefited from our relationships with these organizations from knowledge sharing to in-kind contributions. Without their support, we would not be able to fulfill our goals and objectives.



For more information about the CAR or our programs and services please visit car.ca or our social accounts on LinkedIn, Facebook and Twitter @CARadiologists.



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