

-  EDUCATION NEWS.....2
-  ROUNDS.....7
-  ACADEMIC CORNER.....8
-  SPOTLIGHT.....11
-  AWARDS, HONOURS & RECOGNITION.....18
-  FEATURE.....19
-  RESEARCH CORNER.....23
-  THE LAST PAGE.....24

Medical *Imaging*

MESSAGE THIS MONTH
FROM THE
ASSOCIATE CHAIR EDUCATION



February has been a cold and snowy month for us so far but does introduce a few landmarks in our journey as a department. We are on the threshold of implementing our new Peer Learning program for radiologists at St. Joseph's Healthcare Hamilton and Hamilton Health Sciences, through AICloudQA. This is a unique program whereby we will prospectively review a sampling of cases interpreted and dictated by our radiologists. This offers an excellent platform to support our department and organization's focus on Continuous Quality Improvement, as well as a focus on shared learning. A "just culture" approach to a program such as this aims to elevate the knowledge and skills of others, recognizing that we can all benefit from constructive feedback and learning. The exciting and innovative nature of the program is further enhanced by the collaborative approach between our two organizations.

The efforts of many individuals have supported our need for learning and education during COVID, through electronic platforms. We have benefited locally from our Regional Rounds and Visiting Professor Rounds on the ZOOM platform. I encourage all faculty to take

advantage of both rounds. We have had an excellent group of presenters and lots of educational content shared by our speakers. The Regional Rounds aim to present multidisciplinary content as well as topics relevant to all subspecialties. In addition to our local efforts, many organizations are delivering outstanding meetings and conferences on-line. I encourage everyone to take advantage of these on-line and virtual education opportunities.

As many are aware, our Canadian postgraduate education programs are transitioning to Competency By Design (CBD), as a new way to design, organize and deliver residency education. Diagnostic Radiology will officially launch CBD on July 1, 2022, with our entering PGY 1 year. I have participated in many planning CBD meetings for our specialty (also on ZOOM), as a member of the Specialty Committee for Diagnostic Radiology at the Royal College. It is remarkable to see how this new approach will shape and change how we train, assess, and promote our residents and how the college was able to quickly guide our specialty through the development of new documents. Radiology has the advantage of "lessons learned" from the many specialties who have broken ground on CBD ahead of us. The Postgraduate Medical Education Office at McMaster is

highly committed to the success of all programs as they transition to this new education design

Finally, the Royal College will be delivering the board certification examination for radiology entirely virtually this year, given the ongoing challenges and travel restrictions related to COVID. In my role as the Director of the Applied Exam at the Royal College, this has been an interesting format to adapt and adjust for our content. While the MCQ examination will remain in similar format to previous (except now on-line), the former unsupervised OSCE stations will now be delivered electronically as a short answer examination, on a separate day from the spring MCQ. The traditional oral examination format, or supervised OSCE stations, will occur in June, also delivered via a new on-line platform whereby examiners will interact virtually with examinees.

New on-line resources and software advances are a part of our new reality!

Karen Finlay



ACADEMIC FACULTY CALENDAR

2021 March

Monday	Tuesday	Wednesday	Thursday	Friday
01	02 6:00pm - Visiting Professor Rounds Cardiac, Dr. Carole Dennie	03 7:30am & Noon - Visiting Professor Rounds Cardiac, Dr. Carole Dennie	04	05
08 Undergrad - Active Learning Large Group Session - Dr. V. Leung GI/GU/ Pelvic Radiology	09	10	11 5:30pm-6:30pm - Regional Rounds Dr. Terry Minuk & Dr. Meredith Lynch	12
15 Undergrad Integrated Anatomy & Radiology Session - Dr. Z. Hugh GI/GU	16	17 St. Patrick's Day!	18	19
22	23	24	25	26
29	30	31		

This is a new year and a new look with the addition of the **Academic Faculty Calendar**. Our hope is to eventually have this calendar available on the department's webpage not only in the Newsletter. If you have any upcoming academic events that are open to our department's faculty please send them through for April's calendar!



Visiting Professor series is BACK!...

VISITING PROFESSOR SERIES via ZOOM

CARDIAC

TUESDAY, MARCH 2nd & WEDNESDAY, MARCH 3rd, 2021



Dr. Carole Dennie

Section Head, Cardiac and Thoracic Imaging, The Ottawa Hospital
Co-director, Cardiac Radiology and MRI, University of Ottawa
Heart Institute
Professor of Radiology and Medicine, Faculty of Medicine,
University of Ottawa

Tuesday, March 2nd, 2021 - 6 pm

“Imaging of Pulmonary Hypertension and Chronic Pulmonary Embolism”

Wednesday, March 3rd, 2021 - 7:30 am

“Cardiothoracic Manifestations of Connective Tissue Disease”

Wednesday, March 3rd, 2021 - 12:00 pm

“Emerging Concepts in Acute Aortic Syndrome Imaging”



Thank you to **Dr. Anat Kornecki** for her Visiting Professor Presentation on Tuesday, February 2nd and Wednesday, February 3rd. Dr. Kornecki covered topics on “From Diagnosis to Biopsy: Contrast Enhanced Mammography as an Alternative to MRI”, “Appropriate Use of BI-RADS 3: Mammography and Ultrasound” and “Advanced Mammographic Guided Biopsy Techniques”.

SAVE THE DATE

LIVER/ABDOMINAL/AI - Dr. Pablo Ross
Tuesday, April 6th & Wednesday, April 7th, 2021



Diagnostic Imaging Regional Rounds

Please join us for the next DI Regional Rounds

Thursday, March 11th, 2021 - 5:30pm-6:30pm

featuring Dr. Terry Minuk and Dr. Meredith Lynch

[CLICK HERE TO REGISTER](#)

Mammography - Yesterday and Today



Dr. Terry Minuk
Clinical Associate Professor,
Department of Radiology, Faculty of
Health Sciences, McMaster
University
Radiologist and Head of Breast
Imaging, Hamilton Health Sciences
OBSP radiologist since inception in
1990



Dr. Meredith Lynch
Assistant Professor, Department of
Radiology, Faculty of Health Sciences,
McMaster University
Radiologist, Hamilton Health Sciences
OBSP Regional Breast Imaging Lead,
HNHB Regional Cancer Program

Objectives

1. Understand the challenges in breast imaging past and present.
2. Reviewing where we can do better in breast imaging.
3. Provide regional breast imaging update.

Diagnostic Imaging Regional Professor
Rounds March 11, 2021 | 5:30 p.m.

McMaster

**SAVE
THE
DATE**

NEXT:

Thursday, April 15th

5:30-6:30pm

featuring...

Dr. John O'Neill and Dr. Raj Carmona



Pediatric GI Radiology Curriculum – Residents and Fellows

This course is bi-weekly with a one hour lecture on Thursday afternoons (4 pm) on imaging in pediatric GI diseases which is organized by Radiology, Gastroenterology, and Surgery targeted to residents and fellows. The course has already started for this year and is a continuing work in progress. The plan is for this course to be organized every year moving forward.

PEDIATRIC GI COURSE CURRICULUM

- Feb 11, 2021: High GI obstruction (Dr. Yikilmaz)
- Feb 25, 2021: Low GI obstruction (Dr. Yikilmaz)
- Mar 11, 2021: Interventional Radiology in Gastroenterology Part I (Dr. Donnellan)
- Mar 25, 2021: Hepatic neoplasms (Dr. Yikilmaz)
- Apr 15, 2021: Acute abdomen (Dr. Yikilmaz)
- Apr 29, 2021: Inflammatory Bowel Disease (Dr. Yikilmaz and Dr. Zachos)
- May 13, 2021: Interventional Radiology Part II (Dr. Donnellan)
- May 27, 2021: Pancreatic diseases (Dr. Marie)
- Jun 10, 2021: Foreign body ingestion (Dr. Yikilmaz)

The program is designed to be protected time and interactive for learners but faculty are welcome if schedules permit.

For further information in regards to this course and it’s modules please reach out to: Amber Kirk, Administrative Assistant, Pediatric Gastroenterology, Department of Pediatrics, McMaster University - akirk@mcmaster.ca



Dr. John Donnellan
Assistant Professor,
Department of Radiology,
McMaster University
Site Chief and Interventional
Radiologist, Diagnostic Imaging
McMaster Children’s Hospital



Dr. Ali Yikilmaz
Assistant Professor,
Department of Radiology,
McMaster University
Staff Radiologist,
Diagnostic Imaging,
McMaster Children’s Hospital



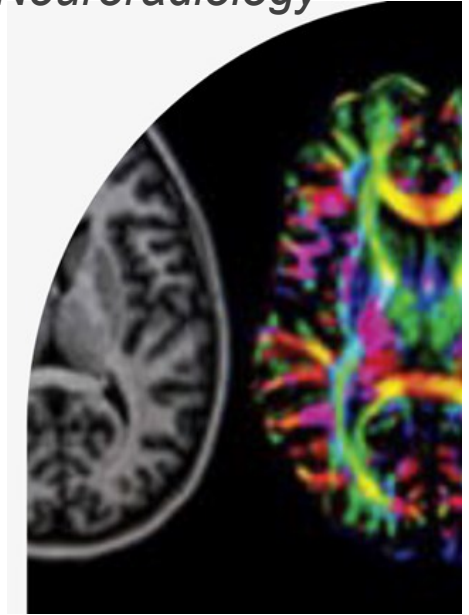
Dr. Eman Marie
Associate Staff Radiologist,
Diagnostic Imaging,
McMaster Children’s Hospital



The Annual Update in Diagnostic & Interventional Neuroradiology

Diagnostic & Neuro Interventional Education Day

Friday, February 5th, 2021
8:00 AM to 4:15 PM



What a success it was! The 2nd Annual Diagnostic and Neuro Interventional Education Day that took place on February 5th, 2021 surpassed last year's registration and attendance by far. The speakers included; Dr. Allan J. Fox, Dr. David Pelz, Dr. Elias Johansson, Dr. Brian VanAdel, Dr. David Szalay, Dr. Nazir Khan, Dr. Madheea Siddiqi, Dr. Jim Sahlas, Dr. David Li, Dr. Almunder Algird, Ms. Ronda Whiteman, Dr. Milita Ramonas, and Dr. Khunsa Faiz. The learning objectives that were included in this educational event were as follows:

1. Explore normal anatomy and variants related to CNS vasculature
2. Use appropriate standard of care imaging in the diagnosis of acute stroke and other vascular pathologies of the CNS
3. Describe the recent advances in endovascular treatment of common CNS vascular conditions, with emphasis on indications and outcomes
4. Have a group discussion of recent interesting cases from the neurointerventional, neuroradiology, and stroke teams at Hamilton General Hospital

We have received excellent and constructive feedback from a well engaged and interested multidisciplinary audience who attended the event in an overwhelming majority. They were motivated by its content, pertinent to work-setting environment as was the answer from most of received Evaluation Forms. The attendants were an international audience who were enticed with the agenda and conduction of this virtual meeting as indicated by one of them, "I thought the recorded zoom presentations worked very well, zoom allowed so many people to participate and the online questions and answers, as well as the live questions worked very well". The meeting has been well received and many suggestions have come from registrants to include crucial neurovascular related topics in the upcoming editions!

We want to give special thanks to the speakers, moderators, to Dr. Julian Dobranowski and our planning committee, as well as to our sponsors. We would also like to express our sincere gratitude to Marilyn, Lori, Sam, Mostafa, Nanxi, Ed and Nic. Their contribution has been crucial for the success of this event.

Dr. Ramiro Larrazabal



Radiology Rounds by Site 2021 - updated

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
JURAVINSKI HOSPITAL AND CANCER CENTRE	<p>1200 Rad/Path Breast Rounds (@ BAC)</p> <p>1230 GI DST Rounds</p> <p>1400 GIUP Rounds</p> <p>1600 Gyne/Onc Rounds</p>	<p>1200 Resident Rounds</p>	<p>0800 Resident Rounds</p> <p>0800 Multidisciplinary Breast Rounds DST (3-88-JCC)</p>	<p>0700 Hepatobiliary Rounds</p> <p>0815 MSK ROUNDS</p> <p>0900 CNS Tumor Board</p> <p>1000 Neuro Onc Rounds (Fellows)</p> <p>1200 Resident Rounds</p> <p>1310 Sarcoma Rounds (3rd floor Conference Room JCC)</p>	<p>0800 Resident Rounds (all rounds in DI Conference Rm)</p> <p>1100 Head/Neck Rounds JCC</p> <p>1200 Interesting Case Rounds (moving back to in-person)</p>
HAMILTON GENERAL HOSPITAL	<p>1200 Radiology Teaching Rounds</p>	<p>0700 Spine Rounds</p> <p>0800 Regional Cardiology Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>0815 MSK Tumor Rounds (DI Classroom)</p> <p>1200 Radiology Teaching Rounds</p> <p>1200 Stroke & Neurovascular Rounds (DI Classroom, Rm 2-158)</p> <p>1600 Trauma Rounds (Theatre Auditorium) M&M Rounds 1st Tues. of month</p>	<p>0730 Vascular Rounds (5N Teaching Room)</p> <p>0800 Arrhythmia Rounds (Theatre Auditorium)</p> <p>1230 M&M Rounds (DI Classroom) set once a month</p>	<p>0800 Stroke Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>0800 CNS Tumor Rounds (DI Classroom) once a month</p> <p>1130 Neuro Case of the Week</p> <p>1230 Interesting Case Rounds</p> <p>1400 Neuro Academic Half-Day Rounds</p>	<p>0800 Neuroscience Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>1200 Radiology Teaching Rounds</p>
MCMASTER UNIVERSITY MEDICAL CENTRE	<p>0800 Pediatric Hot Seat Resident Rounds (3F)</p> <p>0800 Tumor Board (Every 2nd week – 3F)</p> <p>1000 Respiratory Rounds (every 1st Monday/mth)</p> <p>1200 Neuroradiology Rounds (Room 3N50)</p>	<p>1200 Adult Hot Seat Resident Rounds</p> <p>1300 Neuro-oncology Rounds (3F)</p> <p>1300 Rheumatology (1 per month—2S32)</p>	<p>0800 Adult GI Rounds (Room 2S32)</p> <p>0800 Nep/Ur/Rad (1 per month—3H40/3H41)</p> <p>0800 Child Maltreatment (quarterly—3N10)</p>	<p>0800 Surg/Rad/Path (SRP) Rounds (3rd Thursday of each month—Room 2S32)</p> <p>1200 Adult Hot Seat Resident Rounds</p> <p>1200 Peds Ultrasound (every 1st & 3rd Thursday—Room 2S32)</p> <p>1300 Hemon-Oncology (every 2nd week—Room 2S32/Rad Office)</p> <p>1500 Clinical Teaching Unit (CTU) (Every 4th Thurs. Room 2S32)</p>	<p>0800 Pediatric Hot Seat Resident Rounds</p> <p>1200 GI Ped Rounds (Room 2S32)</p>
ST. JOSEPH'S HEALTHCARE HAMILTON (All rounds in DI Conference Room TO102 unless otherwise specified)	<p>0730 Angio Access for Transplant Rounds (feasible Monday every 2 mths)</p> <p>1200 Ultrasound Rounds (feasible Monday of each month)</p> <p>1300-1400 Resident Rounds</p> <p>1630-1730 Thyroid MCC Rounds (2nd Monday of each month)</p> <p>1630-1730 Head & Neck MCC Rounds (4th Monday of each month)</p>	<p>0800-0900 Vascular Difficult Access Rounds (1st Tuesday of each month)</p> <p>1200-1300 Interesting Case Rounds (1st, 3rd and 4th Tuesday of every month)</p> <p>CURRENTLY ON PAUSE</p> <p>1200-1300 QA Rounds (2nd Tues. of mth) CURRENTLY ON PAUSE</p> <p>1300-1400 Resident Rounds</p> <p>1630-1730 Genitourinary MCC Rounds (1st and 3rd Tuesday of every month)</p>	<p>1200-1300 MSK Radiology Rheumatology Rounds (every Wednesday)</p> <p>1300-1400 Resident Rounds</p>	<p>0730-0800 Colorectal Rounds</p> <p>0800-0900 Breast Pathology Rounds</p> <p>1200-1300 MRI Rounds (1st Thursday of every month)</p> <p>1300-1400 Resident Rounds</p>	<p>1200-1300 Lung MCC Rounds</p> <p>1300-1400 Resident Rounds</p>



THE LIBRARY

ESSENTIAL PAPERS AND RESOURCES FOR HEALTH PROFESSIONAL EDUCATION



This open-access reading list is designed for clinicians, students and scholars who are interested to learn about the world of health professions education.

The website has been curated into various topics related to HPE; along with a content experts' seal of approval.

Do you have a question you want to start exploring? Or are you looking for an article to stimulate a seminar or journal club? We've taken out the guess work for you and compiled our favourite resources into one easy-to-navigate site!

Don't forget to vote on your favourite. Think of it as Yelp for academics!

Head over to hpeworld.com to explore publications, media and more in the world of health professions education.

[CLICK HERE FOR YOUTUBE VIDEO - THE LIBRARY](#)

[BROWSE THE LIBRARY](#)



Postgraduate Medical Education

[PG Community News, Events and Updates](#)



HEALTH SCIENCES



PULSE

LATEST "PULSE" ISSUES:

February 5, 2021

[Study highlights the power of social movements for community health as pandemic continues](#)

February 12, 2021

[Unanimous support for VP Faculty of Health Sciences' second term](#)

February 19, 2021

[McMaster researchers developing homegrown vaccines to fight COVID-19 and prevent future outbreaks, using specialized campus lab and production facility](#)

For an up-to-date list of all upcoming Program for Faculty Development events, please see the event page at this link: www.macpfd.ca/event-calendar

ALSO, if you are a leader or educator and want the Program for Faculty Development to add your events to their MacPFD event calendar, please let them know! Write them (or Tweet them) at: macpfd@mcmaster.ca



EVENTS

2021 Faculty of Health Sciences presents...

Women's Symposium

@ McMaster University

Leading Healthcare and Beyond

WHEN: Wednesday, April 28, 2021

WHERE: Zoom online (mostly)

Contact the MacPFD Dept for more details!

2021 Faculty of Health Sciences
Women's Symposium
 @McMaster University
 Leading Healthcare and Beyond

Wed., April 28, 2021
 12:30-5:30pm

Held Online (mostly) on Zoom

NEW CHAT SERIES...

Have you ever worked with more than one organization or team and experienced challenges in priority setting in one or both areas? Leaders in Canadian academic health sciences centres (AHSCs) experience this as well! Rarely are priorities between the academic and hospital worlds well-bridged which leads to a growing divide. Miscommunications and tensions follow. How to resolve this? We are running a brand-new Bridging Leaders Program and want to invite you to join us for open-access monthly Leadership CHAT sessions.

Join host Sarrah Lal, Assistant Professor, Division of Education & Innovation (DEI) in the following sessions:

Thurs., Mar. 11, 2021, 8-9 pm EST

Future-Proof: Building Leadership Skills for Tomorrow

Speaker: Dr. John Van Aerde

Register: <https://bit.ly/3blPcTg>

Thurs., May. 13, 2021, 12-1 pm EST

Building a Data-Driven Organizational Culture

Speaker: Zahava Uddin

Register: <https://bit.ly/35TCC07>

Thurs., Apr. 8, 2021, 8-9 pm EST

Team Wellness Starts with You

Speaker: Dr. Mithu Sen & Dr. Mamta Gautam

Register: <https://bit.ly/3nFEsHR>

Thurs., June, 10, 2021, 12-1 pm EST

Navigating Complexity to Align Teams and Drive Results

Speaker: Rebecca Repa

Register: <https://bit.ly/38GSmVQ>

NOTE: You must register for the above chat sessions outside of the Citrix. For further information regarding the chat sessions above please contact sarrah@mcmaster.ca

For an up-to-date list of all upcoming Program for Faculty Development events, please see the event page at this link: www.macpfd.ca/event-calendar

ALSO, if you are a leader or educator and want the Program for Faculty Development to add your events to their MacPFD event calendar, please let them



PSI Visiting Scholars Virtual Event

ACADEMIC MENTORSHIP

Fostering Equity, Diversity and Inclusiveness



March
24 & 25,
2021

Dr. Bridget O'Brien
University of California San Francisco

Dr. Lisa Richardson
University of Toronto

Dr. Sharon Straus
University of Toronto

Dr. Sarita Verma
Northern Ontario School of Medicine

Academic Mentorship: Fostering Equity, Diversity and Inclusiveness

March 24 & 25, 2021

Engage with world-famous speakers discussing mentorship in the health professions with a specific lens on EDI. Topics include: the evidence for ‘what works’ with mentorship, mentorship & power, mentoring trainees, and health systems & mentorship.

You can join as many plenary presentations as you want for the two day conference. You only need to register once. The small group sessions in the schedule are by reservation. More information and registration will be available in the new year.

Speakers

- Dr. Bridget O'Brien | UCSF
- Dr. Lisa Richardson | University of Toronto
- Dr. Sharon Straus | University of Toronto
- Dr. Sarita Verma | Dean, Northern Ontario School of Medicine

Schedule (subject to change): <https://bit.ly/39Qs2ts>

One-time registration and you can join as many plenaries as you wish.

REGISTER NOW: <https://bit.ly/PSIVisitingScholars2021>

For more information on this event please contact: <https://merit.mcmaster.ca>



ANNOUNCEMENTS

NEW MANAGER, DEPARTMENT OF RADIOLOGY

Lisa Reid - Manager, Department of Radiology, McMaster University



Please join us in welcoming Lisa Reid, the newest member and new manager for our administrative team in the Department of Radiology at McMaster University.

Lisa brings over 10 years of management experience in an academic health sciences and healthcare setting with diverse experience and knowledge in project management, developing high-performing teams, driving department strategy and demonstrating fiscal responsibility. She brings with her strong experience and knowledge in Quality Improvement, achieving Black Belt Lean Six Sigma certification, successfully leading various projects demonstrating her passion for ongoing improvement and enhancing organizational efficiencies.

Lisa has served as a collaborative leader on several complex change projects including the development of a new organizational co-leadership model, implementation of an electronic physician-based HR system, and a physician engagement strategy which was profiled in the OHA's Inspiring Improvement resource series. In addition to her professional experience, she has a degree from the University of Waterloo, and is a LEADS facilitator charged with customizing and facilitating the delivery of the LEADS leadership in healthcare learning series.

Prior to joining McMaster, Lisa held positions in healthcare, finance and public affairs. Working in collaboration and in respect of the teams and people she works with is one of her key strengths. She is enthusiastic and excited to join the Department. Please join us in welcoming her to the department!

"I'm thrilled to be joining such a distinguished team of dedicated faculty and staff at a time of opportunity and growth for Radiology" - Lisa Reid



Postgraduate
Medical Education

2021 PARO Awards

Department of Radiology Nominees

PARO grants a number of awards annually to recognize excellence among programs and individuals. This year, **Dr. Ali Yikilmaz and Dr. David Landry** each have been nominated for a PARO award.



Dr. Ali Yikilmaz
Assistant Professor,
Department of Radiology,
McMaster University
Staff Radiologist,
Diagnostic Imaging,
McMaster Children's Hospital

Dr. Ali Yikilmaz received his nomination in "Clinician Teaching" and Dr. David Landry received his nomination in the "Dr. R Conn Resident Advocate for a Clinician"

We would like to congratulate and thank both Dr. Yikilmaz and Dr. Landry for their continued excellence and their achievements!



Dr. David Landry
Associate Professor and
Residency Program Director
Department of Radiology,
McMaster University
Staff Radiologist,
Diagnostic Imaging,
Hamilton General Hospital



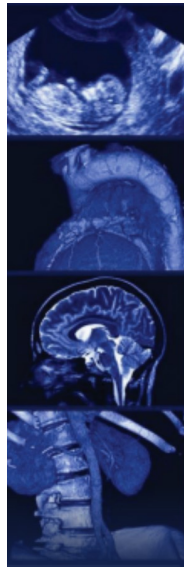
Upcoming Event...

Medical Imaging Informatics and Teleradiology (MIIT) 16th ANNUAL VIRTUAL MEETING

MIIT focuses on emerging technologies and practices for acquiring, processing, managing, accessing, and sharing medical images, along with topics driving changes in relevant policies within Canada. This annual event provides experienced speakers to address challenging topics in the field of medical imaging informatics and provides a unique opportunity to interact with experts to find answers to questions and issues.

Held in person for fifteen years, MIIT is now a virtual meeting, with sessions taking place in the Spring and the Fall. It is

intended for professionals and students in health informatics (PACS Managers, DI Managers, IT Professionals, CIO/CTOs), health care provider (Radiologists, Technologists, Physicians), engineering and computer sciences, and industry roles.



16TH ANNUAL

MIIT 2021

VIRTUAL MEETING
Register online at miit.ca

Keynote Speaker: March 25, 2021
Spring Session: April 22, 2021
Fall Session: October 14, 2021

#MIIT21 @MIIT_Canada info@miit.ca



Virtual Meeting

MIIT 2021

WWW.MIIT.CA

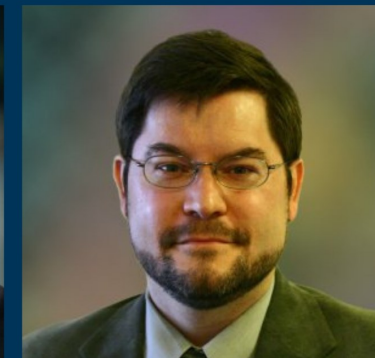
Featuring talks on AI in the imaging enterprise, IHE and DICOM, patient perspectives on HL7 updates and more!

For more information visit:

www.miit.ca

This year the MIIT Virtual Meeting will kick off with Keynote Speaker, **Dr. Rasu Shrestha** Chief Strategy Officer Atrium Health on March 25, 2021

REGISTER HERE





SPOTLIGHT

Feel Good News!

Shake
YOUR
shamrock



Jack Ryan Jewett

Congratulations to Jenny Jewett (Juravinski Hospital, Diagnostic Imaging Booking Clerk) and family! Jenny welcomed her new baby boy, **Jack Ryan Jewett**, on Monday, February 1st, 2021 at 12:27am!

Best wishes to Jenny and her growing family from the entire Diagnostic Imaging Team!



Congratulations are also in order for Dr. Yoan Kagoma (JH Staff Radiologist) and his wife, Alexandra, who are proud new parents of a baby girl!

Announcing the arrival of their daughter, **Keira Farag Kagoma**, born Wednesday, February 10th weighing 6lbs 3ozs.

Mom and baby are doing well at home and settling in.

Congratulations on becoming a new Dad, Dr. Kagoma!

Keira Farag Kagoma





SPOTLIGHT

Feel Good News!

Shake
YOUR
shamrock



February 2, 2021

Ms. Melanie Beach Craig
McMaster Hospital – Diagnostic Imaging Dept.
1200 Main St. W.
Hamilton, ON

Dear Ms. Beach Craig and Staff at McMaster Hospital:

What an incredible year this has been. Unprecedented doesn't even come close to describing it. The last time we communicated was at the onset of Covid-19. Hamilton Food Share stated we would stay open. You supported us overwhelmingly in that decision.

Since then, with your support, we distributed over 44,000 premade food hampers to every corner of the city that was in need.

Next, we supported 92,000 prepared meals to be served in our community, and your contribution went to create an additional 28,000 nutritious meals specially for our most vulnerable of citizens such as the sick, seniors, and people who were unable to leave their home.

In the same time period where we usually raise and distribute approx. 1 million pounds of food, we raised 2 million. This food went to local food banks, hot meal programs and to other food programs beyond our own emergency food network.

Because of you we fed a city. Every time you give we feed people, our people.

Today we thank you once again for your incredible support. No one really knows what the future will look like, but we do know that Christmas looked a little different this year.

We were looking for a miracle right here on Barton Street and we found it. With your help will filled 9,000 Christmas Hampers bringing the holiday spirit, no the "Hamilton Spirit" into each and every one of those homes.

We believe in miracles because we believe in you. While demands on our organization have increased, so has the support from caring people like you in our local community. Because of you, families who reached out had Christmas dinner on the table and toys for the kids.

Thank you for your generous donation of 842 pounds of food.

Your support has also enabled our organization to develop new programs to meet the expected rise in demand for emergency food. You are helping us to build pathways to the doors of our most vulnerable -- our seniors, the sick, people with mobility issues and the disabled. With your help we will also ensure households that are struggling will be able to celebrate the holiday.

These are unsure times. We have never faced the uncertainty we are facing today. What we can rely on is Hamiltonians have always been there for families and individuals in need, especially when times are tough. Your donation is so important to us. We simply could not do this work without you.

Because of your support, we will ensure our neighbours who are at high risk during this pandemic will have access to a Christmas hamper full of good food and toys.

Thank you. You make miracles happen here. I truly believe that and I hope you do too.

Please keep you and yours safe throughout the season. Thank you for your amazing support.

Sincerely,

Moris A. Rosa

Moris Rosa
Warehouse Manager

Job Well Done! MCH/MUMC Diagnostic Imaging



The MUMC/MCH DI Team managed to collect a whopping **842lbs** of food during their holiday initiative, which included a reverse advent calendar. Great job to all those that generously donated to this cause!





For Your Information...

For current COVID-19 UPDATES please check the HHS HUB!

CREDENTIALING REAPPOINTMENT

ONLY for PHYSICIANS subject to Reappointment

Radiologists that are subject to reappointment will have already received their online reappointment applications via email.

These radiologists include those who hold an “Active” and “Courtesy” and appointment.

“Associate” staff regardless of holding a “Courtesy” appointment will **NOT** be subject to reappointment.

These applications **MUST be completed in full by March 12th, 2021**. It is extremely important to have these completed on time as after March 13th the application will be considered late and you will be subject to a significant late fee as per Credentials.

Best Practices for Extended PPE Wear:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/Best-Practices-for-Extended-PPE-Wear.pdf>

PPE Stewardship and Conservation:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/PPE-Stewardship-and-Conservation.pdf>

Eye Protection:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/COVID-19-Eye-Protection.pdf>

Our mental health and mental well-being are an important issue during normal circumstances; in our current COVID -19 pandemic situation these issues are being discussed more often and more openly.

If you or someone you know is experiencing mental health struggles or just needs some guidance or someone to talk to, please reach out to one of the many resources listed on the attached document. Also link to the HUB for HHS staff mental health supports:

[HHS Staff Mental Health Support](#)

Double Click on the PDF Icon for more mental health resources in our Community. Links are also provided in the document.



Adobe Acrobat Document



Canadian
Blood
Services

Canadian Blood Services is looking for people to donate their blood.

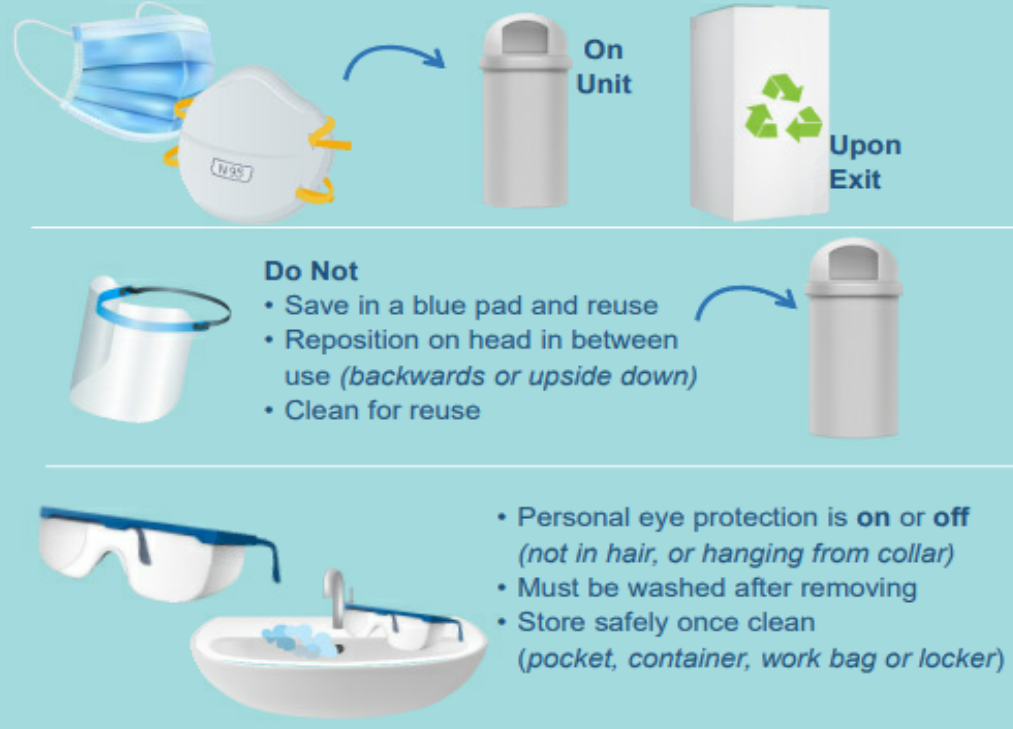
Please give blood if you are able!

If you feel well, please donate blood: www.blood.ca



Same day re-use/container method is no longer a conservation strategy at HHS (for masks on break)

Extended Use - is the practice of wearing PPE for multiple patient encounters and discarding it prior to eating/drinking during breaks. After break, obtain new PPE. Practice Extended Use when wearing...



Do not leave PPE lying around, it contaminates the environment and puts staff at risk Remember to always perform hand hygiene before removing and after disposing of PPE

Staff & Physicans

All staff and physicans at HHS will practice Universal Masking upon point of entry until exit from the facility wearing a mask provided by HHS. Ensure the mask covers your nose, mouth and chin. If the mask is touched, clean your hands. Practice physical distancing with co-workers and visitors throughout your shift, including time spent outdoors. Remove and discard mask when visibly soiled or damaged.

Patient Masking

All out-patients/essential visitors will be offered a medical mask upon entry and asked to wear it until their visit is complete. In-patients are recommended to wear a medical mask for their protection, whenever staff/visitors are within 2m and upon leaving their dedicated space/room. Healthcare providers/visitors can assist patients with the putting on and taking off a mask. If a patient is unable or refuses to wear a mask, their care will not be affected. Inpatients are screened every shift for new onset of COVID symptoms.

PPE for patients deemed COVID Risk

Surgical/Procedure Masks - Level 1 and Level 2 provide adequate protection from COVID droplets. N95 Respirator is worn when performing an AGMP. Eye Protection - Face shields, personal goggles/safety glasses can be used. Face Shields provide an added fluid resistant layer over masks and are to be worn as Extended Use only, do not clean and reuse.



Personal Goggles are washed at a hand hygiene sink using soap and water and dried with a paper towel. Cloth Gowns are acceptable when caring for patients in droplet contact precautions. Fluid-Resistant/Level 2 Gowns are required when there is high risk of exposure to large amounts of bodily fluids and during AGMPs. Gloves should be worn as a single pair and changed between patients.





COVID-19 Eye Protection Update

COVID NON-LOW EPIDEMIOLOGY

Principles of Eye Protection

- Eye protection is worn to prevent droplets/ aerosols from entering the eyes
- The risks of droplets entering the gap between the shield and forehead is negligible as the majority of droplets fall downwards and evaporate.
- For details see [Acceptable Eye Protection at HHS](#)
- Face shields provide full face protection and an added fluid resistant layer over your mask.
- Only one form of eye protection is needed

Eye Protection Definitions:

Extended Use is the practice of wearing PPE for multiple patient encounters and discarding prior to eating/drinking during breaks. After break, obtain new PPE.

Universal Eye protection: unit staff wear eye protection at all times. Transient staff entering the unit wear eye protection based on PCRA.

- required for staff working in the ED, UCC/Assessment centers, L&D as these are unscreened populations
- COVID units

Outbreak Eye Protection: all clinical/nonclinical staff entering the outbreak unit need eye protection

Cleaning of Safety Glasses/Goggles

- Use soap and water at a Hand Hygiene/ Designated Sink each time they are removed
- Staff should label & store their cleaned eye protection

***DO NOT CLEAN WITH HOSPITAL GRADE DISINFECTANT WIPES**

Eye protection in Non-Low Epidemiology is worn:

- Based on a PCRA for facial fluid splash
- Droplet/Contact Precautions
- Areas where there will be a critical staffing shortage if an outbreak occurs (as per the program director)
- Clinical areas where adult patients/visitors are unable to mask

Face Shield & Half Face Shield:
Hospital provided only



Safety Goggles & Glasses:
Hospital Provided or Self Sourced



Best Practices for Extended PPE Wear:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/Best-Practices-for-Extended-PPE-Wear.pdf>

PPE Stewardship and Conservation:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/PPE-Stewardship-and-Conservation.pdf>

Eye Protection:

<https://www.hamiltonhealthsciences.ca/wp-content/uploads/2021/01/COVID-19-Eye-Protection.pdf>



YOU DID IT! CONGRATULATIONS!

ARRS 2021

Congratulations to Dr. Milita Ramonas, the radiologists and HHS staff mentioned below, as their educational exhibit abstract was accepted for recorded presentation at the 121st American Roentgen Ray Society (ARRS) Virtual Annual Meeting and Conference in April 2021.

Agarwal, M., Udare, A., Alabousi, A., van der Pol, C., Ramonas, L., Mascola, K., Edmonds, B., & Ramonas, M. Impact of the COVID-19 Pandemic on Emergency CT Head Utilization in Ontario: An Observational Study of Tertiary Academic Hospitals



SJHH Best Resident Award 2020



BEST RESIDENT AWARD RECIPIENT 2020 DR. MOSTAFA ALABOUSI

The Radiologists at St. Joseph’s Healthcare Hamilton are pleased to announce that **Dr. Mostafa Alabousi** has been honoured with the

2020 Best Resident Award

The Award was presented virtually, on January 25, 2021. Mostafa was acknowledged for his personable manner, his initiative, his strong radiological skills and his commitment to advancing Medical Imaging through research.

Mostafa Alabousi
PGY4 Co-Chief Resident
Department of Radiology
McMaster University



FEATURED STAFF

Welcome to our new Medical Imaging Newsletter section, “Featured Staff”! Each issue we will be reaching out to Diagnostic Imaging staff members at each site to let us know a little more about themselves and what they are currently working on! The plan is to include the entire Diagnostic Imaging community including radiologists, technologists and administrative staff.

For **March’s issue** we are featuring four of our newer staff radiologists; **Dr. Yoan Kagoma, Dr. Ali Yilimaz, Dr. Nazir Khan and Dr. Amna Al-Arnawoot**. We thank you for your willingness and excitement in participating in our newest and first “Featured Staff” section!

Watch out for your invitation to be featured!

Name: **Nazir Khan**
 Full Title: **Staff Radiologist, Assistant Professor, McMaster University**
 Site: **Hamilton General Hospital**
 Specialty/ies: **Neuroradiology**



What are you currently working on and/or participating in?

Clinically: Improving stroke outcomes by developing geospatial modeling of regional services.
Educationally: Developing new educational activities for our radiology and neuroradiology residents
Scholarly: Studying the characteristic imaging features of different types of brain tumours

What are your future goals?

Using creativity to reimagine the ways that we teach medical knowledge and neurosciences

Tell us something interesting/fun you have done in the past 6 months (work related or otherwise)

Hiking the Bruce Trail.

What is your biggest lifetime accomplishment thus far? (work related or otherwise)

Once I secured a parking spot on level D!

Name: **Ali Yikilmaz**
 Full Title: **MD, Assistant Professor**
 Site: **McMaster Children’s Hospital**
 Specialty/ies: **Pediatric Radiology**



What are you currently working on and/or participating in?

Clinically: Leading radiologist in MRI at MUMC. Reporting in Pediatric Body and Neuroimaging as well as fetal MRI.
Educationally: Neuroradiology Fellowship Site Coordinator at McMaster Children’s Hospital. Organizing a Pediatric GI imaging Course
Scholarly: Publishing a book Chapter as a co-author entitled as Pediatric Neuroimaging. In: Pediatric Neuro-oncology. 2nd ed. Two clinical research studies as co-investigator: 1) National multicenter study investigating the association between post-operative MRI factors and occurrence of cerebellar mutism after posterior fossa tumor resection. 2) Epidemiology and management of tumour thrombus in pediatric solid tumour patients, a single center retrospective analysis

What are your future goals?

Academic promotion. Improve my drum skills. Publish a book on pediatric radiology. To be kinder and wiser

Tell us something interesting/fun you have done in the past 6 months (work related or otherwise)

Hosted a game show: Who wants to be a Radiologist?

What is your biggest lifetime accomplishment thus far? (work related or otherwise)

Personal growth to adapt and change to new circumstances and new countries.



Name: **Amna Al-Arnawoot**
 Full Title: **Staff Radiologist**
 Site: **St. Joseph's Healthcare Hamilton**
 Specialty/ies: **Cardiothoracic Imaging**



What are you currently working on and/or participating in?

Clinically: Chest Imaging and CT-Guided Biopsies
Educationally: Mainly Resident and Fellow Education
Scholarly: Focused on ILD, Covid Follow-up Imaging and Pulmonary Vascular Imaging

What are your future goals?

n/a

Tell us something interesting/fun you have done in the past 6 months (work related or otherwise)

Finally read "Break the Bank"...greatly recommended

What is your biggest lifetime accomplishment thus far? (work related or otherwise)

Hopefully still to come!

Name: **Yoan Kagoma**
 Full Title: **MD, FRCPC, DABR, Assistant Professor**
 Site: **Juravinski Hospital**
 Specialty/ies: **Body/Oncologic Imaging**



What are you currently working on and/or participating in?

Clinically: One of my major interests is quality improvement and I'm currently a part of two transformative initiatives happening in our department: our peer learning program and EPIC working group. Both of these projects have big implications for radiologists' day-to-day work, education in our department, and showcasing the importance of radiology. It's an honour to be a part of these important projects.

Educationally: I am the Competency Based Medical Education (CBME) lead for our residency program and we just completed our Royal College led workshops on the new curriculum which has a start date of July 2022. It will be an exciting evolution in how we train and assess residents and I'm looking forward to sharing this new training paradigm with the rest of our faculty!

Scholarly: Bringing a scholarly approach to my quality improvement work is of great interest and I have had some early successes sharing our local improvement projects. I would like to continue to share these projects such as our new resident on-call workflow on a broader scale as there is a growing improvement community in radiology. Aside from this, I am very interested in multidisciplinary projects and have been working with ER and medicine colleagues on a project aiming to better identify which anticoagulated patients could best benefit from CT imaging after a fall.

What are your future goals?

Our specialty is uniquely placed to influence patient care and I'm excited for the research and clinical opportunities that are on the horizon from recent personnel, equipment, and software investments in our department. Specifically, I'm looking forward to using these tools to build the 'brand of radiology' and demonstrate the significant value our department brings in improving the work of our clinical colleagues and outcomes for our patients.

Tell us something interesting/fun you have done in the past 6 months (work related or otherwise)

Just prior to the pandemic, I was invited to participate in the Society of Abdominal Radiologists Early Career Committee to interview successful academic radiologists on their insights on navigating career choices and where they saw the future of our specialty. It was a fun experience hearing personal anecdotes from these well-known radiologists and an important reminder that career success often requires flexibility, patience, and a willingness to take on new challenges. I look forward to sharing the final product.

What is your biggest lifetime accomplishment thus far? (work related or otherwise)

I recently became a father to a beautiful baby girl Keira in February 2021. I'm loving all the great newborn memories we're making, but I still need to work on my diaper changing skills!



Quantifying cortical bone in fragmentary archeological second metacarpals

Am J Phys Anthropol 2021 Feb 13. Epub 2021 Feb 13.
Department of Anthropology, McMaster University, Hamilton, Ontario, Canada

Rebecca J Gilmour, Megan B Brickley, Menno Hoogland, Erik Jurriaans, Simon Mays, Tracy L Prowse

Maintaining mobility after fracture: A biomechanical analysis of fracture consequence at the Roman Sites of Ancaster (UK) and Vagnari (Italy)

Int J Paleopathol 2019 03 21;24:119-129. Epub 2018 Oct 21.
Department of Anthropology, Chester New Hall Room 524, McMaster University

Rebecca J Gilmour, Megan B Brickley, Erik Jurriaans, Tracy L Prowse

<https://www.pubfacts.com/author/Erik+Jurriaans>

Dr. Erik Jurriaans
Staff Radiologist
Juravinski Hospital
and Cancer Centre



CT Imaging and Management of Blunt Splenic Trauma: Lessons for Today and Tomorrow

Published online February 2, 2021

Michael N. Patlas, MD, FRCPC

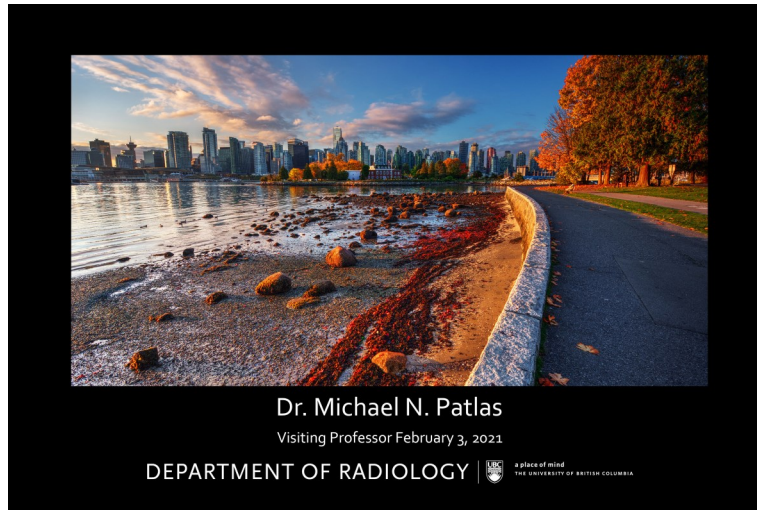
<https://pubs.rsna.org/doi/10.1148/radiol.2021204053>

Michael N. Patlas, MD, FRCPC,
FASER, FCAR, FSAR
Professor of Radiology
Director, Division of Emergency/
Trauma Radiology
McMaster University

Editor-in-Chief,
Canadian Association of
Radiologists Journal

Vice President,
Canadian Emergency,
Trauma and Acute Care Radiology
Society

Program Chair, Canadian
Association of Radiologists



Dr. Michael Patlas also recently participated as the Visiting Professor for the Department of Radiology Grand Rounds at the University of British Columbia on February 3, 2021.

Dr. Patlas received this picture in recognition of his participation in UBC's Radiology Visiting Professor series. Congratulations!

ATTENTION ALL Residents, Fellows, Radiologists

Please REMEMBER to forward in your Recent Publications/Abstracts each month!

This is open to ALL residents, fellows and radiologists from:

- ⇒ **Hamilton Health Sciences,**
- ⇒ **St. Joseph's Healthcare Hamilton, and**
- ⇒ **McMaster University Health Sciences, Department of Radiology**

Please reference the "format" for each entry in this section.

Please include your name, title, picture, your publication and the link!

It doesn't matter if you are a first year resident or a long-time staff radiologist;

We want to know what you are up to and what you are working on!

AI is steadily becoming a smart assistant for Canadian radiologists

BY DR. DAVID KOFF
AND DR. LUCIANA RIBEIRO

You may remember the famous and definitive statement that Geoff Hinton made on November 24, 2016 at the Machine Learning and Market for Intelligence Conference in Toronto. The renowned Canadian psychologist and computer scientist, considered as the godfather of Artificial Intelligence, Chief Scientific Advisor, Vector Institute and VP at Google, said:

"I think that if you work as a radiologist, you are like Wile E. Coyote in the cartoon. You are already on the edge of the cliff, but you haven't yet looked down. It's just completely obvious that in five years deep learning is going to do better than radiologists."

It is true that developments in Artificial Intelligence have progressed almost at the speed of light. The RSNA/Kaggle bone age competition in 2017 drew 250 participants among 37 teams. In 2018, for the Pneumo-

AI is improving workflows and diagnostic confidence for radiologists, and ultimately, the quality of care for patients.

nia Detection Challenge, the response was overwhelming with 1,400 teams participating in the training phase (the winner was a Canadian radiologist from Laval, Quebec, Dr Alexandre Cadrin-Chenevert); and the RSNA Intracranial Hemorrhage Detection challenge was equally successful with also close to 1,400 teams.

In 2019, at its annual conference, the largest in the world, the Radiology Society of North America opened for the first time an entire new hall dedicated to Artificial Intelligence. There were 113 companies registered as specialized in artificial intelligence in radiology at the beginning of 2020, and more than 100 participated in the virtual RSNA 2020, almost as many as at RSNA 2019. Artificial Intelligence in Radiology had attracted \$1.17 billion in investment as of January 2020.

Of course, four years ago, when artificial intelligence appeared to be a game changer in diagnostic imaging, it created a lot of anxiety in the radiology community – some radiologists really did wonder if Geoff Hinton's prophecy would materialize and if this would really be the end of the profession.

But at the end of 2020, AI solutions had not yet been widely adopted and remained limited to specific conditions or imaging modalities. According to an article published in January 2020 in the Journal of the American College of Radiology (McKinsey), physician adoption, regulatory approval and cost were the biggest barriers to more widespread deployment.

The Canadian Association of Radiologists Artificial Intelligence working group answered the question on the need for radiologists in its recent white paper. It reminds us that radiologists perform complex tasks that require common sense and general intelligence which cannot be achieved through AI yet; it also tells us that

understanding a case requires integration of medical concepts from different fields and clinical specialties to provide plausible explanations for imaging findings.

The radiologist performs many tasks daily including consultation, protocoling, review of prior examinations, quality control, identification and dismissal of artifacts, cancer staging, disease monitoring, interventional procedures, multidisciplinary discussions and patient reassurance.

As with many revolutions in radiology, where each new modality was supposed to eliminate a previous one, artificial intelligence is positioning itself as a valuable tool to help radiologists, and is definitely not replacing them.

There are two main applications of AI in radiology:

- Non-pixel-based AI is probably the more needed currently, as it covers a large number of tasks where workflow can be improved. It starts before imaging, helping with applications such as acquisition of relevant history and medical data, automated imaging protocoling. During imaging, AI can help to optimize image acquisition and quality. After imaging, there are multiple applications such as prioritization, automated contextual information retrieval for reporting, measurements and comparison to priors, intelligent proof-reading and results communication.

- Pixel-based AI includes lesion detection and characterization, STAT prioritization, AI embedded in modalities. Here, the sky is the limit, as there are so many applications which can benefit from AI. Some of the most popular are intracranial hemorrhage, cervical spine fractures, pulmonary embolism, lung nodules, etc.

One of these applications, the Rapid Software platform, has been implemented at the Hamilton General Hospital, Hamilton Health Sciences, Hamilton, Ontario, in June 2019 as the first in a Regional/Provincial stroke centre in Canada.

As a member of the Neuroradiology implementation process, we received great support from the Rapid team and the

tomated assessment of ASPECTS score, that allows the assessment of stroke size and possible acute hemorrhage. Both applications are also available routinely and may work as double check of our assessment as neuroradiologists. Our experience as neuroradiologists shows that the use of automated ASPECTS score may overestimate stroke size mainly in our population that has multiple previous chronic strokes.

This points to the need of experienced neuroradiologists and stroke neurologists in the interpretation of these results. The automated hemorrhage detection is very helpful for clinicians mainly on call in communities where no neuroradiologists may be available to support their interpretation, as the presence of acute hemorrhage will represents a formal contra-indication to reperfusion.

Overall, these tools have made difficult diagnosis easier and have brought a systematic approach to the interpretation and treatment of extended window stroke patients.

In conclusion, artificial intelligence is taking its place in the panoply of tools which have made radiology one of the most exciting fields in medicine. AI will be a tremendous help for radiologists and other healthcare professionals, improving workflows and diagnostic confidence and ultimately the quality of care for our patients.



Dr. David Koff



Dr. Luciana Ribeiro

adoption of the platform was smooth in our site and across the satellite sites.

The Rapid software uses artificial intelligence in the interpretation of perfusion CT images. The software was conceptually developed for use in the stroke extended window patients (greater than 6 and less than 24 hours) to determine possible benefit of reperfusion.

The Rapid results are summarized and can be easily accessed on a mobile device or through a PACS workstation in less than five minutes. It has been running really well and we have adopted the Rapid software perfusion report in all cases where perfusion imaging is required, not only for extended stroke window, such as for the assessment of stroke mimickers.

The Rapid software also provides an au-

Dr. David Koff is a Professor in the Department of Radiology, McMaster University. Dr. Luciana Ribeiro is Neuroradiology Program Director and Associate Professor of Radiology, McMaster University and a Staff Radiologist, Hamilton General Hospital.



David A. Koff MD FRCP
Staff Radiologist, Hamilton General Hospital, Hamilton Health Sciences
Professor Emeritus, Department of Radiology, McMaster University
Director, MIIRCAM
Chair, Canada Safe Imaging



Luciana Ribeiro MD MSc PhD FRCP dABR dABN
Staff Neuroradiologist, Hamilton General Hospital, Hamilton Health Sciences
Associate Professor, Department of Radiology, McMaster University

Link to February 2021 Digital Issue, Canadian Healthcare Technology Article (page 15) :

[AI is steadily becoming a smart assistant for Canadian radiologists](#)



The most recent publication of Canadian Healthcare Technology (February, 2021, Vol. 26, No.1) featured the article, *AI is steadily becoming a smart assistant for Canadian radiologists*, by Hamilton Health Sciences radiologists, Dr. David Koff and Dr. Luciana Ribeiro. The article highlighted how Artificial Intelligence (AI) is positioning itself as a valuable tool to help radiologists and not to replace radiologists. Koff and Ribeiro went on to explain that AI in radiology has focused on two main applications, non-pixel based AI and pixel based AI. Non-pixel based AI focuses on improving the radiologist's workflow such as acquisition of relevant history and medical data, automated imaging protocoling, prioritization, automated contextual information retrieval for reporting, measurements and comparison to priors, intelligent proof-reading and results communication. Whereas pixel-based AI focuses on lesion detection and characterization, STAT prioritization, and AI embedded in the modality itself. One such example of pixel-based AI is the Rapid Software platform that was implemented at the Hamilton General Hospital in June 2019.

The Rapid Software platform uses AI in the interpretation of perfusion CT images. This software was developed for the use in the stroke extended window patients to determine possible benefits for reperfusion. The Rapid results are available on a mobile device or PACS workstation in less than five minutes and is being used in all cases where perfusion imaging is required (not just for the extended stroke window as originally intended). In addition, the software also provides an automated assessment of the patient's ASPECTS score.

The use of the Rapid Software is another example of how the Department of Radiology at HHS is continuing to incorporate AI into practice. In addition, as introduced in a previous issue of the newsletter, the **M**edical **I**maging **L**ibrary **A**rtificial **I**ntelligence **P**latform (MILAP), led by Koff and researchers at HHS, is being created to develop a searchable data library of curated cases organized by organ, pathology, and modality. This one-of-a-kind library will allow researchers and AI developers to access thousands of deidentified images to progress their projects. MILAP is expected to put HHS on the map as a leader on data availability for AI in radiology.

Jane Castelli

MIIRC@M brings together radiologists and engineers in order to bridge the gap between clinical studies and computer sciences and to solve specific issues in Medical Imaging; a cross-over program between the Faculty of Health Sciences and Engineering, the centre has been funded by both Faculties and its goal is to provide a nurturing environment to the researchers interested from McMaster or other institutions, match the adequate skills and resources, and facilitate access to grants and industry partnerships.

Cheers! Sláinte!



May your joys be
as deep as the oceans

Your troubles
as light as its foam

And may you find
sweet peace of mind

Wherever you
may roam

Irish Blessing

Be a Germ-Buster

WASH YOUR HANDS



HOLIDAY CALENDAR

- ◇ Good Friday - Friday, April 2nd
- ◇ Easter Monday - Monday, April 5th
- ◇ Victoria Day - Monday, May 24th

I'm very much looking forward to spring being just around the corner. I can imagine most of you are too! We've had brief glimpses with lots of sunshine and above freezing temperatures the last few days. I cannot wait to get out and smell that fresh spring air and feel warmth from the sun. Does it not feel like it has been a very long winter this year?? Bring on SPRING!

Tori



N95 MASK FIT INFO

http://corpapps.hhsc.ca/reg_fittesting/



First Day of Spring March 20th!



DO YOU HAVE A STORY
IDEA TO SHARE?

Email: howesv@hhsc.ca