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Medical Imaging



MESSAGE FROM THE CHAIR



The Ontario government recently announced that it had declared a third provincial emergency in response to the rapid rise in COVID-19 cases, the threat on the province’s hospital system capacity and the alarming risk posed to the public by the COVID-19 variants. As the COVID-19 pandemic continues to shake the world, I would like to take a moment to re-affirm our commitment as radiologists to the safety and wellbeing of all of our staff, our students, residents and fellows.

I want to personally thank all of our incredible faculty, who are continuing to support our learners while at the same time working tirelessly to help eliminate the large backlog of patients waiting for radiological examinations. It is an enormous source of pride for me to see so many of our staff involved on committees and discussions related to the pandemic locally, regionally and provincially. Special thank you to Leslie Gauthier and Dr. Karen Finlay for their amazing leadership.

Thank you!

McMaster University is doing everything possible to maintain its’ Mission and Vision and to continue pressing forward with its’ priorities. Our academic department will also continue on its’ planned course moving forward. We have started the departmental Strategic Planning process that will allow us to collectively plan our future. We will be contacting Radiology staff and various stakeholders to help with this process. **Your input will be crucial for us to be successful!**

Stay safe

Julian Dobranowski



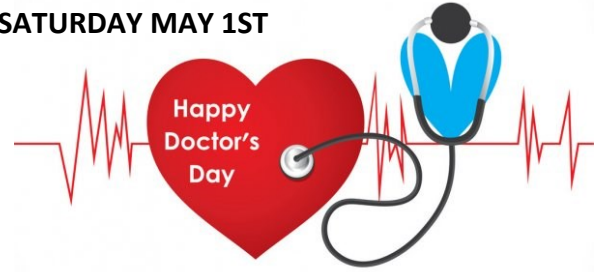
Canadian National Nurses Week
May 10th to 16th, 2021



ACADEMIC FACULTY CALENDAR

2021 May

SATURDAY MAY 1ST



| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--|--|--|--------|
| 03 | 04 6:00pm - Visiting Professor Lecture MSK Dr. M. Torriani | 05 7:30am & Noon - Visiting Professor Lectures MSK Dr. M. Torriani | 06 | 07 |
| 10  National Nurses week | 11 | 12 | 13 5:30pm-6:30pm Regional Rounds - MSK Ultrasound Series | 14 |
| 17  | 18 | 19 | 20 | 21 |
| 24 Victoria Day STAT Holiday | 25 | 26 | 27 | 28 |
| 31 | 01 | | | |



Sunday, May 9th

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 June's calendar!



UPDATE

Check out the links from the “MCMASTER UPDATE”!

Some of you may have already read the news articles below as there is a lot of exciting things happening in and around the University in regards to Covid-19 and cancer research.

McMaster University continues to be world renowned!

Click on the items below to see what faculty are up to!

- ⇒ [Future of Canada Project: McMaster researchers look to the past and today's challenging times to envision a better future](#)
- ⇒ [McMaster lab diagnoses blood clots related to COVID-19 vaccine](#)
- ⇒ [Canada needs a robust vaccine registry, not just a Band-Aid solution](#)
- ⇒ [Researchers work with new technology to sense COVID-19 on the breath](#)
- ⇒ [COVID-19 has been much harder on those who already had anxiety and financial issues](#)
- ⇒ [McMaster and SFU to lead national network for modelling infectious disease epidemics](#)
- ⇒ [Scientists discover trained immune cells are highly effective against cancer](#)
- ⇒ [Pandemic paradox: People want to improve mental health by exercising, but stress and anxiety get in the way](#)
- ⇒ [Province's doctors lack direction on medical cannabis](#)
- ⇒ [McMaster researchers pioneer new peanut allergy therapy](#)



Visiting Professor series...

VISITING PROFESSOR SERIES via ZOOM

MUSCULOSKELETAL

TUESDAY, MAY 4th & WEDNESDAY, MAY 5th, 2021



Dr. Martin Torriani MD, MMSc

*Associate Professor of Radiology Harvard Medical School
School Director of Massachusetts General Hospital
Metabolic Imaging Core
MSK Radiologist
Boston, Massachusetts*

Tuesday, May 4th, 2021 - 6:00 pm

“Botulinum Toxin: Applications in MSK Intervention and Thoracic Outlet”

Wednesday, May 5th, 2021 - 7:30 am

“MR Imaging of the Painful Forefoot”

Wednesday, May 5th, 2021 - 12:00 pm

“Sports Injuries to the Chest Wall”



Thank you to Dr. Pablo Ros for his Visiting Professor Abdominal Imaging Presentations on Tuesday, April 6th and Wednesday, April 7th. Dr. Ros covered topics on “Mesentery, Omentum and Peritoneum: The Forgotten Abdomen”, “Unique Bowel Imaging: Ischemia and GIST” and “The Spleen: Abdomen???'s Cinderella”.

SAVE THE DATES

HOOKER AWARD LECTURER - Professor Steve Halligan
Tuesday, June 1st & Wednesday, June 2nd, 2021



Visiting Professor series...

Looking for archived recordings of our Visiting Professor lectures?

These recorded lectures are now available on our Visiting Professor Program page:

<https://fhs.mcmaster.ca/radiology/vpp/>

NOW AVAILABLE!

⇒ **Dr. Carole Dennie – March 2nd & 3rd, 2021**

⇒ **Dr. Pablo R. Ros – April 6th & 7th, 2021**

These lectures are posted on an “unlisted” Youtube channel and therefore the recordings are only available via the links provided.

Future Visiting Professor links will be posted only upon prior approval of the presenter.

SAVE THE DATES 2021-2022

Save the upcoming dates for the Visiting Professor series...

Tuesday, June 1st, & Wednesday, June 2nd 2021

Hooker Distinguished Award Lecturer - Professor Steve Halligan

Tuesday, October 5th & Wednesday, October 6th 2021 - Dr. Jim Raptis - Chest

Tuesday, November 2nd & Wednesday, November 3rd 2021 - Dr. Scott D Steenburg - Emergency Radiology

Tuesday, January 11th & Wednesday, January 12th 2022 - Dr. Frank Scholz - Abdominal

Tuesday, February 1st & Wednesday, February 2nd 2022 - Dr. Thanh Binh Nguyen - Neuro

Tuesday, March 1st & Wednesday, March 2nd 2022 - Dr. Mindy Horrow – Ob/Gyn

Tuesday, April 5th & Wednesday, April 6th 2022 - Dr. Daniel B Kopans - Breast

Tuesday, May 3rd & Wednesday, May 4th 2022 - Dr. James D Fraser - Cardiac

Tuesday, June 7th & Wednesday, June 8th 2022 - W Peter Cockshott Memorial Lecture
Dr. Mark Cresswell - MSK

Unless otherwise noted, the times for the series are as follows:

Tuesday presentations 6:00 pm

Wednesday presentations, 7:30 am and 12:00 pm



Diagnostic Imaging Regional Rounds

Please join us for May's Regional Professor Rounds

Thursday, May 13th

5:30 pm - 6:30 pm

FEATURING:

Series Introduction by Dr. Hema Choudur

Presentations by

Sarah Allred and Lisa Billone

[CLICK HERE TO REGISTER](#)

MSK Ultrasound Series: Distal Bicep Tendon
 Series Introduction by Dr. Hema Choudur
 Professor, Radiology Dept., McMaster University, Division Head: MSK Imaging, MSK Site Lead: HGH, HSC

| | |
|---|---|
| Sarah Allred BMRSc, DMS, RMSKS Musculoskeletal Sonographer Hamilton General Hospital | Lisa Billone BMRSc, DMS, RMSKS Musculoskeletal Sonographer Hamilton General Hospital |
|---|---|

Objectives

1. Understand the anatomy of the dual distal bicep tendon insertion
2. Discuss sonographic imaging protocol and dynamic techniques
3. Review and recognize common pathological conditions as well as potential imaging pitfalls
4. Identify strategies to differentiate between partial and full-thickness tears

Diagnostic Imaging Regional Professor Rounds
 May 13, 2021 | 5:30 p.m.
 McMaster

Thank You Dr. O'Neill and Dr. Carmona

We would like to thank the audience, speakers and the team responsible for the last Diagnostic Imaging Regional Professor Rounds on April 15th, 2021! We thank the audience for attendance and Drs O'Neil and Carmona for their presentation on Clinical & Imaging Challenges in Axial Spondyloarthritis for the April Edition of the Regional Rounds. It was a "Very good review and update" with "Important insights on common pitfalls in reporting and evidence based classification". It was "Great to see contributions from radiology and clinical sides". We are looking forward to "continue with good presentations" and appreciate the work of the entire Regional Rounds team, including our residents and admin personnel! Thanks also to McMaster Radiology Staff, Chair and Chief offices for their support and contribution!

Dr. Ramiro Larrazabal

Clinical & Imaging Challenges In Axial Spondyloarthritis

| | |
|--|---|
| Dr. John O'Neill Clinical Associate Professor, Department of Radiology, McMaster University Staff Radiologist, Department of Diagnostic Imaging St. Joseph's Healthcare Hamilton | Dr. Raj Carmona Associate Professor of Medicine Director, Medical Foundation 4, MD Program McMaster University |
|--|---|

Objectives

1. Clinical presentation AxSpA
2. Clinical Challenges in diagnosing AxSpA
3. Imaging Challenges in diagnosing AxSpA
4. Overview new MRI reporting System AxSpA

Diagnostic Imaging Regional Professor Rounds April 15, 2021 | 5:30 p.m.
 McMaster

SAVE THE DATE

Join us for the next Regional Rounds - Thursday, June 10th - 5:30-6:30pm

APPROACH TO BRAIN TUMORS - Dr. Fateme Salehi and Dr. Jeffery Greenspoon



ACADEMIC UPDATE: Neuroradiology Residency Program



Dr. Luciana Ribeiro
Neuroradiology PD
Associate Professor
Department of Radiology
McMaster University

Dr. Luciana Ribeiro has been the Program Director for the Neuroradiology residency since July 1, 2019. Dr. Ribeiro helped to design, accredit and launch the Royal College accredited Neuroradiology residency program with Dr. Ramiro Larrazabal 6 years ago. She has implemented several innovations to the program since she joined as PD including the creation of a formal competency committee and coaching/mentorship program that has now been in place for one year. She has also implemented a leadership program bringing topics such as management, finance and leadership to the Neuroradiology trainees. Dr. Ribeiro has also brought Dr. Crystal Fong to the program as an assistant PD and CBD lead. Dr. Fong brings strong knowledge in education design, combined with a caring and ethical personality. She has been pivotal in the implementation of several new ventures in the program including the competency committee/ mentorship and quality improvement program.



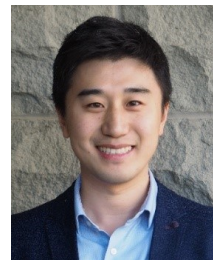
Dr. Crystal Fong
Assistant Neuroradiology PD
Associate Professor
Department of Radiology
McMaster University



Dr. Madheea Siddiqi
Diagnostic & Neurointerventional
Residency Program (2 year)

We are excited to announce the launching of our first Diagnostic and Neurointerventional combined residency position. **Dr. Madheea Siddiqi** will be our first resident to complete the two-year combined program in June 2022!

We have also launched our Quality Improvement program with **Dr. David Li** accepting the position of QI lead for the neuroradiology program.



Dr. David Li, QI Lead
Quality Improvement
Neuroradiology
Residency Program
Neuroradiologist, HGH

Upcoming Academic Half-Days 2021

| | | |
|---------------------------------|--|--|
| Thursday, May 6 th | MS | Dr. Shauna Kennedy |
| Thursday, May 13 th | CQI: Quality Assurance Program for Residents | Dr. David Li |
| Thursday, May 20 th | Non-Accidental Injury | Dr. Nina Stein |
| Thursday, May 27 th | Metabolic Brain Disease | Dr. Mutaz Alnassar |
| Thursday, June 3 rd | AVM: Natural History and Treatment | Dr. Brian van Adel |
| Thursday, June 10 th | Gadolinium Safety | Dr. Crystal Fong |
| Thursday, June 17 th | Final In-Training Exam | Dr. Nazir Khan |
| Thursday, June 24 th | Interesting Case Rounds | Dr. Siddiqi and Dr. Faiz (Supervised by Dr. Li) |
| Thursday, July 15 th | Reflection and QA Rounds: Radiology Structured Report and QA Rounds (rescheduled to July 15) | Dr. Julian Dobranowski / Dr. Luciana Ribeiro/Dr. Crystal Fong |

New HGH Neuroradiology Fellow

The Neuroradiology team would like to introduce our incoming Neuroradiology fellow, Dr. Saba Mohsin who will be joining us in July. Dr. Mohsin will be joining us after completing a fellowship at the University of Calgary's pediatric radiology program. We look forward to having Dr. Mohsin join the neuroradiology team!

Finally, our next Residency Program Committee (RPC) meeting is scheduled for Wednesday, June 2nd at noon.



UPDATE: Radiology RESEARCH DAY 2021

Please note that the Department of Radiology’s Research Day originally scheduled for April 2021 is being rescheduled. The Chair’s office is currently working on an alternative date for this virtual event prior to end of the current academic year. Details for Research Day will be provided as soon as they have been finalized.

- David Landry

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 - Upcoming Lectures

May 13th, 2021: Interventional Radiology Part II (Dr. Donnellan)

May 27th, 2021: Pancreatic diseases (Dr. Marie)

Jun 10th, 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



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:

March 26, 2021

[McMaster scientist resolves COVID-19 clot question](#)

April 1, 2021

[Sibbald takes reins of McMaster undergraduate medical school](#)

April 9, 2021

[McMaster scientist co-authors study on COVID-19 vaccine-related blood clotting](#)

April 16, 2021

[McMaster lab diagnoses vaccine blood clots fast](#)

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



VIRTUAL CPD CONFERENCE



HEALTH SCIENCES
Continuing Professional
Development

MacNeurology

Excellence in Care, Education, and Research

MARK YOUR CALENDAR

FRIDAY,
JUNE 18
2021

13:00–16:00 EDT



1/2 day in
McMaster
NEUROLOGY
Clinical Update

TARGET AUDIENCE

Family Physicians, Specialists, Internists,
Hospitalists, Physician Assistants, Nurse
Practitioners, Registered Nurses, Clinicians,
Residents, Students, and Other Health
Professionals.

For Information

SHAWN LOCKE, Event Coordinator
Continuing Professional Development Office (CPD)
McMaster University
lockes1@mcmaster.ca
chse.mcmaster.ca

Subscribe to our emails

to receive full details and notification
when registration opens by visiting

chse.mcmaster.ca/neurology

or email your request to lockes1@mcmaster.ca

*You may unsubscribe at anytime.





ANNOUNCEMENTS

NEW CLINICAL LEADERSHIP, DS & MDU, ALL SITES

Lisa Pala - Clinical Leader, Juravinski Hospital



We are thrilled to announce Lisa Pala as the new Clinical Leader for Juravinski Site. Lisa is well known to Diagnostic Services - bringing 30 years of imaging experience to the team. She has held many positions as a Technologist, Senior Technologist in Interventional Radiology, and most recently Charge Technologist. Lisa always shows initiative and dedication in the performance of her duties, consistently going above and beyond what is expected. We welcome Lisa and look forward to the expertise and skill set she brings to the table.

Sarah Prodger - Clinical Leader, Hamilton General Hospital



We are excited to announce Sarah Prodger as the new Clinical Leader for Diagnostic Services at the Hamilton General Site. Sarah has been a member of the DI team since 2005 and has worked in several different areas including HIU, Gen Rad and CT. Sarah has been part of several initiatives in DI over the years and most recently joined the DI Informal Leadership Program, where she has been a great addition to the team. We welcome Sarah to this new role and look forward to the skill set she will bring to the leadership team.

Stephanie Shiplo - Clinical Leader, McMaster University Medical Centre



Please join me in welcoming Stephanie Shiplo to the role of Clinical Leader for Diagnostic Services at the McMaster Site. Stephanie is a sonographer by background and is coming to us from the Hamilton General Hospital. She brings with her over 11 years of experience within Diagnostic Imaging from working at various institutions, as well as being a supervisor and student preceptor in her previous roles. Throughout her career she has gained knowledge in a variety of ultrasound positions including obstetrics, musculoskeletal, breast, and general imaging. Stephanie is currently working on completing her Master of Health Management degree through the Charles Sturt University. We look forward to the expertise and knowledge Stephanie will bring to the leadership team.

NEW ADMIN, MCH DI PEDIATRIC RADIOLOGISTS

Rita DiTullio - Admin to Dr. John Donnellan & Pediatric Radiologists, MCH



We are excited to announce the return of Rita DiTullio after her retirement in December 2020 from her DI Admin position supporting the Medical Diagnostic Units and Eric Ricker. Rita will now be supporting Dr. John Donnellan and the Pediatric radiologists at McMaster Children's Hospital on a part-time basis.

Welcome back Rita; it is great to have you return as part of the Diagnostic Imaging Admin Team once again!



ANNOUNCEMENTS

GOODBYE AND GOODLUCK...

Dorothy Petty - Leaving DS, MDU & Peri-Op for Inter-Professional Practice



Dorothy Petty

Admin to the Directors of Diagnostic Services & MDU and Peri-Op

Starting her new position with Inter-Professional Practice April 28th, 2021

It was announced April 13, 2021 that Dorothy Petty, Administrative Assistant to Sarah-Jane Adams, Director of Diagnostic Services and Medical Diagnostic Units and Marcy Saxe-Braithwaite, Director of Perioperative Services would be departing the DS & MDU department and moving to the Inter-Professional Practice portfolio as of April 28, 2021.

Dorothy is a long standing Administrative Assistant, who has been with HHS over 20 years, and has supported Diagnostic Services for the past 4 years and most recently adding Perioperative Services to her list of duties.

Although we are happy for Dorothy as she moves on to the next phase in her career, her organizational skills, focused approach and cheery disposition will be missed by all. We appreciate her dedication to her work, the department and the DI Admin Team.

Please join us in congratulating Dorothy on her move to the next chapter of her career. Inter-Professional Practice are a very lucky group to have you join their team!

All the best Dorothy!



Jean Matone - Clinical Manager, ER, DI and Mental Health Depts, WLMH

It was announced early last month that Jean Matone has decided to retire from her position as Clinical Manager of Emergency, Diagnostic Imaging and Mental Health departments at West Lincoln Memorial Hospital effective March 31, 2021.

Jean started her career at McMaster Children's Hospital working in medicine, hematology and critical care. She went on to spend much of her career working in cancer prevention and early detection and diagnostic pathways contributing to the development of the CIBC Breast Assessment Centre, Colon Cancer Check Program, Ontario Cervical Screening Program and the pilot project for nurse-performed flexible sigmoidoscopy. In 2016, she transitioned Diagnostic Imaging at the Juravinski Hospital and West Lincoln Memorial Hospital sites.

For Your Information...

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

Patient Facing Eye protection is in EFFECT! (as of Tuesday, April 6th, 2021)

This change does not apply to:

- Family or other essential caregivers who are visiting patients
- Where universal eye protection currently practiced

When do I need to wear eye protection based on this change?

- ◆ Patient-facing staff are required to don eye protection upon arriving to clinical areas
- ◆ Extend the use of eye protection while in the clinical area, and in between patient-facing activities (e.g., while charting, preparing for the next case/scan)
- ◆ **In break rooms:** eye protection is not required (maintain 2m from others while eating and drinking; wear a mask when talking, reading or relaxing). Eye protection is donned upon returning to the clinical area.
- ◆ **Shared office spaces:** only a mask is required; eye protection is donned upon returning to the clinical area.
- ◆ **Staff behind plexiglass:** are required to wear a mask on clinical units, but do not require eye protection.
- ◆ **Staff in administrative (non-clinical) areas** are only required to wear a mask. Eye protection is not required unless they are going into a clinical area.

Reminders

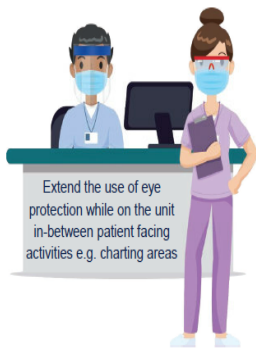
- ◆ Hospital provided face shields are single use and should be discarded in a waste or recycling bin after extended use.
- ◆ Safety glasses/goggles are washed after removing in a hand hygiene sink with soap and water
- ◆ Prescription glasses are not considered eye protection
- ◆ Reduce the potential for micro-breaches and environmental contamination by extending the use of eye protection and not doffing eye protection in charting spaces/clinical areas.

In Clinical Areas

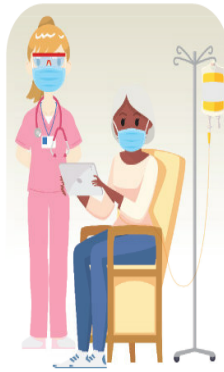
All Patient-Facing Staff Require Eye Protection



Maintain 2m from others
Discard face shield and mask to drink
Keep safety glasses/goggles on



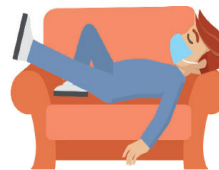
Staff behind plexi-glass are only required to wear a mask



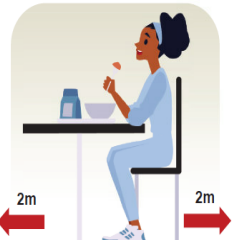
Encourage patient masking when possible, wear eye protection for all patient facing care

In Break Rooms

Eye Protection is Not Required



Maintain 2m from others when eating and drinking
Wear a mask when talking, reading or relaxing
Eye protection is donned when entering patient facing areas



In Shared Office Spaces



A mask is required when less than 2m apart, eye protection is donned upon return to the clinical unit



I am pleased to introduce the newest members of the Diagnostic Radiology residency program. It was a very challenging year for medical students across Canada to navigate radiology electives and research opportunities with national pandemic restrictions in place, topped off with our first (and likely not last) VIRTUAL CARMS Interviews!!

We look forward to welcoming them in person on July 1st. Thank you to all of those who participated in this year's match!

- David Landry



Alex Pozdnyakov
McMaster University



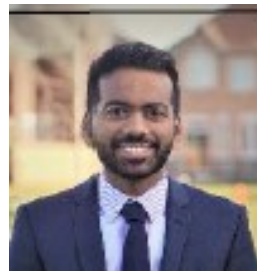
Sami Adham
McMaster University



Katherine Li
Western University



Jia (Jason) Cheng Yao
University of Ottawa



Yasovineeth Bhogadi
McMaster University



AWARDS, HONOURS & RECOGNITION



Congratulations to Dr. **Fateme Salehi** as her application to the ASNR/ASFNR AI Workshop has been accepted!

"ASNR and ASFNR partner to offer an AI education program to train neuroradiologists and make them effective leaders and collaborators in AI projects focusing on neuroimaging. Applicants are selected based on a competitive application process and will complete an AI project during a series of workshops from May-Sept 2021."

<https://www.asnr.org/research/asnr-study-groups/artificial-intelligence/asnr-asfnr-ai-workshop/>



Dr. Fateme Salehi
Staff Neuroradiologist
Juravinski Hospital





Canadian Association of Radiologists
L'Association canadienne des radiologistes



The Department of Radiology, McMaster University is extremely pleased to announce the two awards below!

CONGRATULATIONS to **Dr. Julian Dobranowski**, Department Chair and Professor, as well as **Dr. David Koff**, Professor Emeritus and former Chair!



CAR Distinguished Career Achievement Award

Dr. Julian Dobranowski, Chair, Department of Radiology, McMaster University

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 pleased, honored and thrilled to accept the 2021 CAR Distinguished Career Achievement Award and to join a group of past recipients who I have long admired and respected. Throughout my career I have been focused on improving patient outcomes. This has led me on an incredible journey of discovery that has been both challenging and rewarding. I would like to use this opportunity to appeal to all radiologists to continue supporting the CAR and to support your local physician leadership. In these challenging COVID times we need to work together to help transform our healthcare system to be better prepared for the future." - Julian Dobranowski

On top of Dr. Dobranowski's responsibilities as Chair of our Department, he is also the Chief of Diagnostic Imaging at Niagara Health Services and provincially he holds the position of Provincial Head for the Cancer Imaging Program at Cancer Care Ontario. CONGRATULATIONS Dr. Dobranowski on this esteemed award! We couldn't be happier for you!

2021 Fellow of the CAR Award

Dr. David Koff, Professor Emeritus & Former Chair, Department of Radiology, McMaster University

The Fellowship of the Canadian Association of Radiology (FCAR) is one of the highest honours that the CAR can bestow upon its members.

Recognition as a Fellow of the CAR demonstrates a history of service to the CAR as a volunteer in collaboration and leadership, as well as clinical, scientific and professional accomplishments.



CONGRATULATIONS Dr. Koff! Earlier this year Dr. Koff gained the title of Professor Emeritus, Department of Radiology, McMaster University. He is currently the Director of MIIRCAM (Medical Imaging Informatics Research Centre at McMaster) and course organizer for the annual MIIT (Medical Imaging Informatics and Teleradiology) Conference. Nationally, Dr. Koff is Chair of Canada Safe Imaging and internationally he is a Member of the ISRQSA (International Society of Radiology Quality and Safety).

Recent Publications



Dr. Mandeep Ghuman
Staff Radiologist

St. Joseph's Healthcare Hamilton

Comparison of PED and FRED flow diverters for posterior circulation aneurysms: A propensity score matched cohort study. Journal of Neurointerventional Surgery. 2021 Feb;13(2):153-158

<https://jn.is.bmj.com/content/13/2/153.long>

Experience With the Pipeline Embolization Device for Posterior Circulations Aneurysms: A Multicenter Cohort Study

<https://pubmed.ncbi.nlm.nih.gov/32629474/> (online; ahead of print)

Diagnostic Accuracy of MRI for Differentiation of Benign and Malignant Pancreatic Cystic Lesions Compared to CT and Endoscopic Ultrasound: Systematic Review and Meta-analysis

Amar Udare MD, Minu Agarwal MD, Mostafa Alabousi MD, Matthew McInnes MD PhD, Julian G. Rubino MSc, Michael Marcaccio MD, Christian B. van der Pol MD

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jmri.27606>



Dr. Amar Udare
Cross-Sectional Fellow
Juravinski Hospital

Uncommon Benign Breast Lesions: Case-Based Imaging Review, Rad-Path Correlation and Implications in Management

Minu Agarwal, MD
Amar Udare, MD
Phillip Williams, MD, FRCPC
Kavita Dhamanaskar, DMRD, DNB, FRCPC
Karen Finlay, MD, FRCPC
Meredith Lynch, MD, FRCPC

CIBC Breast Assessment Centre, Juravinski Hospital, Hamilton Health Sciences and McMaster University, Hamilton, Ontario, Canada

Every Pixel Counts! Don't Forget the Corners of the Film!

Amar Udare MD
Minu Agarwal MD
Ameya Kulkarni MD
Yoan Kagoma MD, FRCPC, DABR

Department of Diagnostic Imaging, Juravinski Hospital and Cancer Centre, Hamilton Health Sciences, McMaster University, Hamilton, Ontario, Canada

ARRS 2021

Impact of the COVID-19 Pandemic on Emergency CT Head Utilization in Ontario: An Observational Study of Tertiary Academic Hospitals

Minu Agarwal^{1,2}, Amar Udare^{1,2}, Abdullah Alabousi³, Christian B. van der Pol^{1,2}, Lucas Ramonas⁴, Milita Ramonas^{1,2}

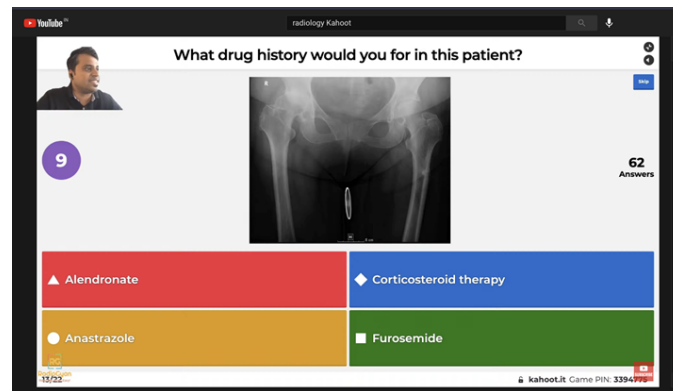
- 1 Department of Radiology, Hamilton Health Sciences,
- 2 Department of Radiology, McMaster University, Hamilton, Canada
- 3 St. Joseph's Healthcare Hamilton, Hamilton, Canada
- 4 Undergraduate Studies, Health Sciences, University of Ottawa, Ottawa, Canada

Radiology Kahoot Quiz - RadioGyan

I conducted a fun Kahoot-based radiology quiz on my YouTube Channel ([RadioGyan](https://www.youtube.com/channel/UCR15WakwGTSk)). More than 100 residents from all parts of the world attended this live event and it has had more than 1500 views since then. The winner of the quiz was none other than our resident, Devang Odedra with Evan coming in 5th!

<https://www.youtube.com/watch?v=RI5WakwGTSk>

- Dr. Amar Udare





Name: **Nina Rodrigues Stein**
Full Title: **MD, MSc, Associate Professor McMaster University,
Pediatric Radiologist & Pediatric Neuroradiologist, MCH, HHS**
Site: **McMaster Children's Hospital**
Specialty/ies: **Pediatric Radiology and Pediatric Neuroradiology**

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

Clinically: Several clinical projects in mind to accomplish in the near future at McMaster Children's together with other pediatric radiology colleagues in the department:- HHS Pediatric Imaging Project, Implementation of pediatric contrast ultrasound studies and pediatric liver elastography, point of care US framework in NICU, pediatric cardiac ferriscans at MCH, creation and adjustment of pediatric dual energy protocols, new 1.5T Siemens magnet (optimization of MRI protocols), implementation of Gaucher MRI imaging protocols and scoring

Educationally: I am currently the site supervisor for pediatric imaging and member of RPC for radiology residency and neuro-radiology residency at HGH. I am working with Dr. Landry on the reorganization and implementation of the pediatric radiology rotation and curriculum for the radiology residents at McMaster. Participation on Grand Rounds and Annual Anniversary of Pediatric Imaging at McMaster University. I am also cross appointed in the Pediatrics Department and collaborate with teaching for half-day sessions of pediatric residents and fellows. I have created a virtual Google classroom to facilitate the education of radiology residents during COVID pandemic and worked in collaboration with Dr. Ali Yikilmaz to produce lectures and other materials for the virtual learning.

Scholarly: Research collaboration in multiple projects. I am working with Dr. Anthony Chan, Karen Strike and Mohawk College team on multiple projects for point of care ultrasound in hemophilia; collaborating on a scope of practice on Artificial Intelligence article with Dr. Santaguida and Dr. Koff which is in submission and review status; I am the PI on a retrospective review study for patients with NF1 in collaboration with Dr. Fong and the pediatric neuro oncology research team (lead by Dr. Sheila Singh); I collaborate with Dr. Ribeiro and Amy Harrison on the investigation of pediatric patients using functional MRI imaging. I am co-investigator on a project for optimization of ultrasound protocol for appendicitis investigation lead by Robert Dima, who recently received a grant for this project and we are organizing RedCap access for it; I am working with Dr. Eltorki on a QI process for investigation of patients suspicious for appendicitis in ER. I am collaborating in a multicenter study lead by Dr. Dax (Alberta) investigating the use of intravenous gadolinium contrast for assessment of sacroiliitis in the pediatric population. I am collaborator on the recent publication "Consensus Approach for Standardizing the Screening and Classification of Preterm Brain Injury Diagnosed with Cranial Ultrasound: A Canadian Perspective" which is the initial step on standardization of brain ultrasound imaging across the country. Recently, I have joined Drs. Barrett's and Michael Noseworthy's team on a grant application for neonatal MRI imaging. I also recently took on the supervision of an ultrasound technologist student from Mohawk College on a research project about thyroid nodules. I am the pediatric radiologist collaborating with CAR and CanSPR on the revision of guidelines and protocols.

What are your future goals?

I am collaborating with Dr. Lucia Carpineta and CAR on the creation of the Canadian Society of Pediatric Radiology (CanSPR). I am an executive member in the Board of this new society. My main goal this year is to help on the review of CAR guidelines and initiate a CanSPR subcommittee to create pediatric standardization of protocols and guidelines for community practice in pediatric imaging. I am also collaborating on the Ontario Pediatric Imaging Subcommittee.

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

Having lots of fun planning house renovations and spending time with my kids, focusing on the good changes COVID pandemic have brought to us – spending more time at home!

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

I think I have accomplished a lot in my life thus far, coming from Brazil, immigrating alone to Canada in 2009, establishing myself as a knowledgeable radiologist in a well-known University in Canada after a 2 year fellowship training at Sick Kids Hospital. Proud to be a member and the first chief of the successful Pediatric Imaging Service at McMaster Children's Hospital created in 2017. Happy to say that in July this year I will complete 10 years of work in McMaster University and Children's Hospital.

I am also very proud of my partner, Mike Seed, who is a world-wide known pediatric cardiologist and radiologist, chief of the Pediatric Cardiology Division at Sick Kids Hospital. And, most of all, very proud of my two little boys, Samuel (8 year-old) and Nicholas (7 year-old), whom are the smartest and made me learn so many new things in life, bringing me joy every day. They are indeed my biggest lifetime accomplishment thus far.



Name: **Stefanie Lee**
 Full Title: **Staff Radiologist and Associate Professor**
 Site: **Juravinski Hospital and Cancer Centre**
 Specialty/ies: **Abdominal Radiology**

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

Clinically: Specialist in hepatobiliary imaging and contrast-enhanced ultrasound (useful option for patients with renal impairment, or as a problem-solving tool e.g. to confirm the presence or absence of solid vascularized components within a complex-appearing lesion).

Educationally: Resident, fellow, and medical student education. In 2016, we initiated the first official program for horizontal electives in radiology at JH, creating opportunities for over 10% of the first-year medical students in each class to see Diagnostic Imaging firsthand (prior to the pandemic). Sincere thanks to everyone who has devoted time and effort to our outreach efforts.

Scholarly: Advisory Editorial Board Member, Journal of Ultrasound in Medicine; Vice-Chair of Electronic Forum Committee and Member of Research Committee, Society of Radiologists in Ultrasound

What are your future goals?

Immediate: Complete the Graduate Diploma in Clinical Epidemiology through the Department of Health Research Methods, Evidence, and Impact.

Longer term: Continue to work on advancing quality, education, and diagnosis as they relate to imaging.

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

Currently involved in multiple projects, all of which are very interesting! Most recently, led a study of referring resident physicians on what aspects of radiology service are most valued, with the goal of strengthening communication and working relationships. Results will be published soon in CARJ.

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

Having the responsibility and privilege of providing an opinion to dozens of patients every day who have entrusted some part of their health and personal journey to us.

Name: **Oleg Mironov**
 Full Title: **Assistant Professor and Lead Interventional Radiologist**
 Site: **St. Joseph's Healthcare Hamilton**
 Specialty/ies: **Interventional Radiology**



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

Clinically: Interventional Radiology

Educationally: Mentoring residents and students in both clinical medicine and research

Scholarly: Recent publications: Mychajlowycz M, Alabousi A, Mironov O. Ultrasound- Versus CT-Guided Subpleural Lung and Pleural Biopsy: An Analysis of Wait Times, Procedure Time, Safety, and Diagnostic Adequacy. Can Assoc Radiol J. 2020 Jul 16:846537120939073. doi: 10.1177/0846537120939073. Epub ahead of print. PMID: 32673070. Lam CJ, Wong NC, Voss M, Mironov O, Connolly M, Matsumoto E, Kapoor A. Surveillance post-radiofrequency ablation for small renal masses: Recurrence and followup. Can Urol Assoc J. 2020 Jun 16. doi: 10.5489/cuaj.6374. Epub ahead of print. PMID: 32574144.

Recent presentations: Law E, Mychajlowycz M, Alabousi A, Mironov O. Utility of the 2-hour Radiograph in the Prevention of Delayed Post-Discharge Pneumothorax Following Lung Biopsy. Accepted for presentation at CAR (Canadian Association of Radiology) 2021.2. Mychajlowycz M, Alabousi A, Mironov O. Ultrasound versus CT-guided peripheral lung biopsies: A comparison of safety, effectiveness and wait times. Presented at McMaster University research day 2019 in Hamilton, ON. Presented at RSNA 2019.

What are your future goals? To help train the next generation of radiologists and help advance the knowledge of radiology and interventional radiology

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

Learned to play piano

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

Raising our children

FEATURED STAFF



Name: **Crystal Fong**
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:

I have an interest in AI and am currently involved in a quality assurance project comparing the use of RAPID AI in CT perfusion interpretation to local neuroradiologists in the setting of acute stroke. I am also working with an undergraduate student looking at the volume of white matter lesions and correlating this to cognition. I continue to be involved in many clinical rounds and teaching and supervise resident presentations at neuroscience rounds

Educationally:

As the CBD lead and competency committee chairperson for the neuroradiology residency program, I am working on building different aspects of resident assessment and program evaluation. I will be joining the Royal College Subspecialty Committee in Neuroradiology starting July 2021 to aid in the development of the CBD standards for this subspecialty. Currently I am enrolled in a pilot Royal College Educational Design course. Additionally, I am in the midst of updating the neuroradiology rotation curriculum at HGH for both off-service elective residents and for diagnostic radiology residents rotating through. Finally, I am involved at the undergraduate level in developing and delivering neuroradiology lectures and workshops to McMaster medical students

Scholarly:

As part of program evaluation, I am working with a learner to build a process to obtain faculty feedback on the residency program and teaching – a tool that we hope to disseminate to the rest of the McMaster PGME and that will soon be presented at NERD, ACR, and ICRE. I am also involved with colleagues in research looking at imaging findings of various neuropathological entities including CAPNON, FMD, and neurosarcoidosis

What are your future goals?

I am looking forward to facing the upcoming challenges as we transition our residency programs to a Competency by Design curriculum – particularly in tackling assessment processes!

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

I started violin lessons to try to keep up with my daughter.

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

My three amazing kids – can't even put into words how much joy they bring!

Happy Doctor's Day!
Saturday, May 1st





With the Ontario province-wide stay-at-home order, all non-essential research-only visits have been suspended for the duration of the order.

This affects research as follows:

- ⇒ All non-essential research-only related visits to HHS sites is suspended
- ⇒ All “On site Study Monitoring/Sponsor/Research Service Providers visits” are suspended
- ⇒ Research visits that are deemed to be essential to a participant’s health (at the discretion of the Principal Investigator), or are a part of a regular clinical visit can continue.
- ⇒ All work that can be conducted remotely “Offsite” must still continue to be conducted off site.
- ⇒ Essential staff who have registered in the HHS Research Registry and have been approved to work on site should still try to work “Offsite” as often as possible.

This does not affect research as follows:

- ⇒ HiREB applications can and should continue to be submitted for upcoming projects.
- ⇒ Research contracts, accounts, etc., can continue to be set-up for upcoming projects.
- ⇒ Retrospective research projects or research projects that do not involve patients can continue to occur if resources are available.

Please do not hesitate to reach out to Jane Castelli (castellij@hpsc.ca) if you have any questions on what can or cannot be done during this time.

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.



VIRTUAL MEETING HUMOUR

Zoom Meeting

Audio only

With video



Donate. Walk. Wheel.



HOLIDAY CALENDAR

- ◇ Victoria Day - Monday, May 24th
- ◇ Canada Day - Thursday, July 1st
- ◇ Civic Holiday - Monday, August 2nd

Choose your own adventure!
Set your distance or time to walk or wheel
between June 4 and 13.



REGISTER TODAY!



I hope everyone is remaining safe and well during these unprecedented times. I'm

currently working as an admin, teacher's assistant, and lunch lady. Hang in there to all of those who are currently home doing online schooling with their kids!

- Tori

DO YOU HAVE A STORY
IDEA TO SHARE?

Email: howesv@hhsc.ca

PREVENT PPE MICRO-BREACHES

Regardless of vaccine
PPE still required.

Proper use of PPE protects us all.

Remember to follow all HHS PPE guidelines.



Refrain from using personal devices while performing clinical care

