



2025 CONFERENCE REPORT

MCGILL EMERGENCY MEDICINE CONFERENCE

Join us as we embark on a journey to uncover the wonders of emergency
medicine, inspiring the next generation of EM leaders

MEMC 2025 CONFERENCE REPORT

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McGill Emergency Medicine Conference is a one-day, in-person event that launched last year in the heart of Montreal. Throughout the day, students had the opportunity to engage with distinguished speakers and abstract competition winners during enlightening talks. These sessions were followed by hands-on workshops facilitated by experienced staff physicians and EM residents, offering a well-rounded educational experience that catered to diverse learning styles and interests.

Our conference aims to provide a platform for emergency care physicians to share their knowledge and experiences with their peers. We believe that by fostering collaboration and education, we can improve patient care and outcomes.

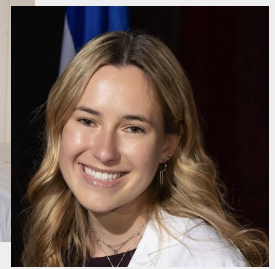
This report highlights the achievements of our second edition.

1 EVENT

- 1 ABSTRACT COMPETITION
- 86 PARTICIPANTS
- 23 EM PHYSICIANS
- 22 VOLUNTEERS



ORGANIZING COMMITTEE



CO-PRESIDENTS & CO-FOUNDERS Gabriel Berberi & Julia Parreira Pinto

VP WORKSHOPS (Senior) Arianne Racine

VP WORKSHOPS (Junior) Alexandra Larocque

VP COMMUNICATIONS Laury Gueyie

VP FINANCE & RESEARCH Teodora Marginean

VP LOGISTICS Juliette Bégin

STEERING COMMITTEE MEMBERS

Dr. Laurie H. Plotnick, MDCM, FRCPC

Dr. Robert Primavesi, MDCM, CCFP (EM), FCFP

Dr. Anali Maneshi, MDCM, FRCPC (EM), MSc.



OUR PROGRAM

MORNING SCHEDULE

7:45 - 8:00	Participant Arrival and Sign-in (<i>Room B-106</i>)	
8:00 - 8:30	Conference Opening Remarks	
8:30 - 9:00	Thinking with your Probe Dr. Yael Abramov Iram	
8:30 - 9:00	Human Trafficking: Labour and Sex Trafficking in Canada Dr. Sarah Lalonde	
9:30 - 9:50	Coffee Break	9:30-9:40 Sponsor Presentation: MY01
9:50 - 10:50	<i>Pulse Check: Behind the Scrubs of Emergency Medicine</i> Lifestyle in EM Panel - Dr. Emmanuelle Jourdenais - Université de Montréal - Dr. Ilana Bank - McGill University - Dr. Michael Woo - University of Ottawa - Dr. Vincent Poirier - McGill University	
10:50 - 11:40	Abstract Competition - Student Speakers (<i>Room B-106</i>) • "Profiles of Adversity Amongst Adolescents Presenting to the Emergency Room in Crisis - A Retrospective Review" Djalica Diallo - McGill University • "Covert Brain Infarction in the Emergency Department: Prevalence, Management, and One-Year Outcomes" Jessica Maher & Caroline Hodgins - University of Ottawa • "Describing Resident Physician Productivity in a Canadian Academic Emergency Department" Julien Turk - University of Ottawa	



OUR PROGRAM

AFTERNOON SCHEDULE

11:40 - 12:40	Lunch	11:40-11:50 Sponsor Presentation: Fonds FMOQ	
12:40 - 12:50	Workshop Group Assignments*		
12:50 - 13:50	SonoQuest - The EM Ultrasound Challenge Cafeteria <u>Group 1</u>	Mass Casualty Simulation: First to the Scene Room B-106 <u>Group 2</u>	Trauma Skills 101 Room H-347 <u>Group 3</u>
13:50 - 14:00	Transition to next workshop →		
14:00 - 15:00	SonoQuest - The EM Ultrasound Challenge Cafeteria <u>Group 3</u>	Mass Casualty Simulation: First to the Scene Room B-106 <u>Group 1</u>	Trauma Skills 101 Room H-347 <u>Group 2</u>
15:00 - 15:10	Transition to next workshop →		
15:10 - 16:10	SonoQuest - The EM Ultrasound Challenge Cafeteria <u>Group 2</u>	Mass Casualty Simulation: First to the Scene Room B-106 <u>Group 3</u>	Trauma Skills 101 Room H-347 <u>Group 1</u>
16:10 - 16:30	Prizes and closing ceremony		



THIS YEAR'S SPEAKERS

Through diverse career paths and lived experiences, our speakers offered a unique window into different spheres of emergency medicine, sharing insights that bridge clinical expertise, decision-making, and the human side of care.



DR. SARAH LALONDE

Presentation Topic

***Human Trafficking: Labour
and Sex Trafficking in
Canada***



**DR. Yael ABRAMOV
IRAM**

Presentation Topic

Thinking with your Probe

OUR PANELISTS

Pulse Check: Behind the Scrubs of Emergency Medicine

Distinguished physicians and leaders in emergency medicine, our panelists will share their diverse experiences and insights to inspire reflection on lifestyle and the evolving realities of the field.



Dr. Ilana Bank

Dr. Bank is a passionate advocate for simulation-based education, using it to enhance patient safety and improve clinical training at all levels. Her innovative work has shaped healthcare policies and optimized system performance. As a mentor and educator, she has guided countless trainees, inspiring excellence and advancing the next generation of clinicians.



Dr. Michael Woo

Dr. Michael Woo is an Emergency Physician, Trauma Team Leader and Head of the Emergency Department at The Ottawa Hospital, where he also directs the POCUS Program. A Professor at the University of Ottawa, he has championed point-of-care ultrasound for over two decades, driving innovation in emergency medicine and inspiring clinicians to push the boundaries of acute care.



Dr. Emmanuelle Jourdenais

Dr. Jourdenais has been an emergency physician at the CHUM since 2000 and served as Chief of the Emergency Department for 13 years. A member of the MSSS STAT team, she has visited hospitals across Quebec to optimize patient flow and continues to advise the Ministry on emergency medicine. Her leadership has shaped provincial standards in emergency care.



Dr. Vincent Poirier

Dr. Poirier is an emergency physician, aviation medicine specialist, and program director at McGill. He completed a Fellowship in Aviation Medicine and received certifications in Flight Surgery and Hyperbaric Medicine through training with the Canadian Forces. He also serves as a Medical Examiner for Transport Canada, Senior Medical Advisor for Air Canada and Air Transat.



OUR MISSION

Our mission at McGill Emergency Medicine Conference (MEMC) is to ignite curiosity and passion among undergraduate medical students to explore the diverse realms of emergency medicine. Through captivating talks led by experts in their respective fields, a lifestyle panel exploring the realities and work-life balance in emergency medicine, interactive workshops offering hands-on experiences, invaluable networking opportunities, and a platform for presenting and discovering groundbreaking research, we aim to empower students with insights into the multifaceted world of EM.

OUR WORKSHOPS

Trauma Skills 101

During our Trauma 101 simulation, students rotated through hands-on skills stations to strengthen their clinical judgment, technical accuracy, and communication. Under expert supervision, participants had the chance to practice essential trauma procedures, like shock assessment, chest tube insertion, and airway management, in a focused, collaborative environment that blended education with real-world application.



Mass Casualty Simulation: First to the Scene

What happens when help is needed now and you're the first to arrive? In this real-life-inspired disaster medicine workshop, students lead the charge in a simulated mass casualty response. By navigating START triage protocols, making tough calls under time constraints, and coordinating care with limited resources, teams competed to sharpen their crisis strategy, prioritize with confidence, and show they can lead when the system is stretched to its limits.



SonoQuest: The Emergency Medicine Ultrasound Challenge

Building on our last edition's very popular PoCUS competition, this station-driven workshop put ultrasound skills front and center. In SonoQuest, students rotated through three high-yield stations. Whether they were scanning, interpreting clips, or solving clinical puzzles, all stations were designed to stretch image fluency and diagnostic reasoning. Students competed under the guidance of expert clinicians to show not only how well they scanned, but how cleverly they were thinking. Only one team emerged as the ultimate Scanning champion and won!





ABSTRACT COMPETITION

This year, MEMC organized an abstract competition to encourage participants to innovate and offer fresh perspectives aimed at advancing the field of emergency medicine. The MEMC Abstract Competition offered participants an opportunity to showcase their research and projects related to emergency medicine. Submissions spanned a broad range of topics within the field, ranging from education to quality improvement & patient safety.

All abstracts were reviewed by a panel of upper-year medical students, residents, and emergency physicians using a detailed rubric to ensure a fair evaluation.

The top three submissions were invited to present their findings during the conference. At the conclusion of the event, the best presentation was announced, earning the distinction as our competition finalist!

Finalists: Caroline Hodgins and Jessica Maher from University of Ottawa, with their presentation “Covert Brain Infarction in the Emergency Department: Prevalence, Management, and One-Year Outcomes”. Congratulations!

The MEMC Organizing Committee would like to extend its sincere appreciation to the Abstract Review Committee for their time and effort in evaluating the abstract submissions.

Teodora Marginean

Med-3

Dorsa Sohaei

Med-4

Laurence Robert

Med-4

Dr. Nicholas Zelt

MD (R5 FRCPC)

Dr. Seth Davis

MD, PhD, FRCPC

OUR STUDENT SPEAKERS



Djalica Diallo / McGill University

Profiles of Adversity Amongst Adolescents Presenting to the Emergency Room in Crisis - A Retrospective Review

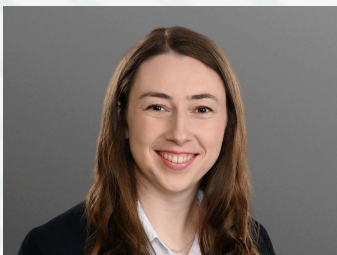
Djalica Diallo; Zoe Atsaidis, MD, MSc; Nicolas Laporte; Stefan Stijelja; Kate Hornstein; Jade Seguin, MD; Brett Burstein, MD CM, PhD, MPH; Brian Greenfield, MD, FRCPC.



Julien Turk / University of Ottawa

Describing Resident Physician Productivity in a Canadian Academic Emergency Department

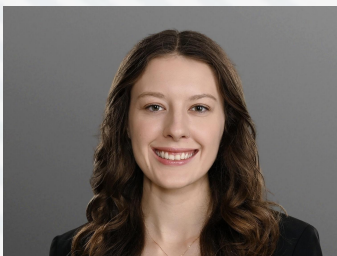
Julien Turk, BSc; Scott Odorizzi, MD, MSc, MEng; Sebastian Dewhirst, MD, MMed; Jessica Maher, BSc; Jeff Landreville, MD, MMed



Jessica Maher / University of Ottawa

Covert Brain Infarction in the Emergency Department: Prevalence, Management, and One-Year Outcomes

Jessica Maher, BSc; Caroline Hodgins, BSc; Emma Ferguson, MBBS; Cameron Leafloor, MD; Jeffrey Perry, MD



Caroline Hodgins / University of Ottawa

Covert Brain Infarction in the Emergency Department: Prevalence, Management, and One-Year Outcomes

Jessica Maher, BSc; Caroline Hodgins, BSc; Emma Ferguson, MBBS; Cameron Leafloor, MD; Jeffrey Perry, MD



WORKSHOP LEARNING OBJECTIVES

Mass Casualty Simulation: First to the Scene

1. Recognize state of mass casualty exercise.
2. Triage several patients according to START criteria
3. Recognize the need to limit care based on available resources
4. Limit emergency resuscitation, given limited resources, by only providing treatments that do not deplete time, staffing and space inappropriately

Trauma Skills 101

1. Demonstrate correct technique for chest tube insertion using anatomical landmarks, and explain the clinical indication and potential complications associated with tube thoracostomy.
2. Identify and differentiate the major types of shock, calculate appropriate fluid resuscitation volumes based on clinical scenarios, and perform intraosseous (IO) access using simulation equipment.
3. Assess airway patency and positioning and perform endotracheal intubation using a laryngoscope and endotracheal tube on a mannequin, demonstrating correct technique and equipment handling.
4. Perform trauma-focused primary survey

SonoQuest

1. Identify basic ultrasound probe types and understand probe handling technique
2. Apply visual pattern recognition to rapid case assessments
3. Use PoCUS to inform bedside clinical reasoning and potential management steps
4. Improve clinical reasoning using PoCUS findings
5. Recognize complications and troubleshooting strategies

RESULTS

Demographics of participants at the McGill Emergency Medicine Conference

Age	n (%)
≤ 24 years old	49 (57)
25-29 years old	32 (37)
30-34 years old	3 (3.5)
35-39 years old	2 (2.5)
Median +/- CI	23.5 [23, 23]
Range	18-39
Pronouns	n (%)
She/Her	52 (61)
He/Him	34 (39)
Program	n (%)
Medicine	81 (94)
Other	4 (5)

School	n (%)
McGill University	37 (43)
Université de Montréal	25 (29)
Université de Sherbrooke	11 (13)
Université Laval	4 (4.5)
University of Ottawa	6 (7)
Unknown	3 (3.5)
Level of training (Medicine only)	n (%)
Med-P	4 (5)
Pre-clerkship	49 (57)
Clerkship	21 (24)
Residency	1 (1)
Unknown	11 (13)

The demographics of MEMC 2025 participants included students from various academic backgrounds and institutions, which enriched discussions and fostered an inclusive learning environment. Compared to the first edition, more advanced students participated.

CONCLUSIONS

MEMC 2025 successfully met participation goals, with strong engagement in hands-on workshops that enhanced learners' perceived skills in suturing, ultrasound, and emergency medicine. The event increased exposure of medical learners to the dynamic field of EM, leaving a positive impact on their learning, interests, and exploration of EM as a career.

RECOGNITION

Learner and Faculty Award for Teaching Innovation

We are very proud that the first McGill Emergency Medicine Conference was recipient of the McGill's Learner and Faculty Award for Teaching Innovation. The award, offered by Office of the Vice-Dean, Education, recognize innovative, effective and sustainable teaching strategies that have been shown to have a positive impact on learners and learning.

We are grateful for the opportunities to present the results of the first edition at the AMUQ and ICEM conferences in the past years.



McGill

Faculty of
Medicine and
Health Sciences



OUR FIRST EVENT IN PICTURES





A SPECIAL THANKS TO...



OUR SPONSORS

A sincere thank you to...

MY01, Fonds FMOQ, and Spicebros for sponsoring the second edition of the McGill Emergency Medicine Conference! Your contributions are essential in bringing this event to fruition and advancing the field of emergency medicine. We deeply appreciate your support and collaboration. Thank you!



OUR SPONSORS



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- Exclusivité Fonds FMOQ : accès à une zone d'études 24/7 à Montréal (valeur de 250 \$/mois)¹



Des conseils personnalisés pour vos projets

- Utilisation de votre marge étudiante et/ou de vos prêts et bourses
- Accompagnement en investissement
- Plan de remboursement de dettes
- Achat de propriété, etc.



Exclusivité Fonds FMOQ

Accédez gratuitement à une **zone d'études** à Montréal, un espace conçu pour vous soutenir dans votre réussite académique.

Assistez à nos **conférences** pour mieux vous outiller dans le domaine financier.

¹ Certaines conditions s'appliquent.

² Partenariat avec firmes comptables. Certaines conditions s'appliquent.

³ Partenariat avec la Banque Nationale. Certaines conditions s'appliquent.

⁴ Partenariat avec Sogemec Assurances. Certaines conditions s'appliquent.

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