

# ANNUAL REPORT

2023 - 2024

**MCGILL HEALTHCARE  
MANAGEMENT  
CONSULTING CASE  
COMPETITION  
(MHCC)**



# MESSAGE FROM THE PRESIDENT

## CRAFTING SOLUTIONS, DELIVERING SUCCESS



The MHCC was inspired by areas for improvement in the Undergraduate and postgraduate medical education curricula regarding collaboration amongst medical learners and physicians and exposure to teaching around healthcare management. After a collaborative effort from ED staff, residents, and medical students, many ideas and solutions were presented. Many of them impressed the judges and other health experts in attendance. We hope that the winning teams can pursue to implement their ideas and solutions into practice to inform care in Quebec.

Indeed, MHCC 23 was a success, in that innovative and practical solutions to active burdensome issues were identified. In 2023, the first edition of MHCC aimed to identify solutions to improve patient flow in the emergency departments in Quebec by addressing evidence-based factors contributing to overcrowding.

Moving forward, we hope to tackle other critical issues affecting the healthcare system each year, by uniting learners and licensed practitioners in other medical and surgical specialties and programs (e.g., nursing, physiotherapy, occupational therapy, social work, etc.) across the nation. Winning the Innovation in Health Sciences Education award for medical learners, having the educational program highlighted on various social media posts, and receiving encouraging feedback from participants and others has given us momentum to build upon our ideas to develop medical education on healthcare management across Canada.



**Saad Razzaq**  
President of MHCC



# INTRODUCTION

## ABOUT US

The McGill Healthcare Management Consulting Case Competition (MHCC) has successfully completed its inaugural year in 2022-2023, with a mission to expose medical learners to macrosocial healthcare flow management and quality improvement. This comprehensive report delves into the event's details, feedback from participants, the winning solution, sponsors, social media coverage, awards, and plans for the future

## PLANNING COMMITTEE

Lead by a group of McGill Medical Students

- **Saad Razzaq, President**
- **Ariele Grossman, VP Communications**
- **Julia Philipp, VP Case Development**
- **Lauren Perlman, VP Sponsorships**
- **Laurence Robert, VP Logistics**
- **Lucy Pu, VP Logistics**
- **Shanti Rumjahn-Gryte, VP Social Media**
- **Sébastien Lamarre-Tellier, VP Sponsorships**

# PROFESSIONAL TEAM

MHCC Committees: A collaborative ensemble of leaders, physicians, advisors, judges, team leads, and volunteers.

## Advisory Committee

Healthcare Management Experts

**Dr. Leslie Breitner**

**Dr. Richard Fleet**

**Dr. Martin Koyle**

## Team Leads

Competition Guidance

**Dr. Andrew Reid**

**Dr. Stephen Rosenthal**

**Dr. Jean-Marc Troquet**

**Dr. Robert Primavesi**

**Dr. Bader Ali**

**Dr. Antoine Perron**

**Dr. Alan Huynh**

**Dr. Anali Maneshi**

## Steering Committee

Led by physicians

**Dr. Bernard Unger**

**Dr. Robert Primavesi**

**Dr. Laurie Plotnick**

**Dr. Anali Maneshi**

**Dr. Antony Robert**

**Dr. Marc Afilalo**

## Judges

Evaluating the Solutions

**Dr. Shannon Fraser**

**Dr. Frederic Dankoff**

**Dr. Adnan Ali**

## Volunteers

Supporting the Event

**Madhurane Swany**

**Jad Hammoud**

**Christopher Philipp**

**Karman Jhagra**

**Peter Beltekas**

**Stefania Guarascio**



# EVENT OVERVIEW

## PARTICIPANT SUMMARY

A total of **nine teams** participated in MHCC 2023 including:

- 50 medical students
- 42 residents
- 6 attending physicians

Creating a rich collaborative environment for addressing critical healthcare challenges.



“

"Really motivating to see all our colleagues highly interested in improving our healthcare system."

"I've learned a lot from the residents and questions that judges asked! The flow of the event was well organized too."



”

"It was a great learning experience from senior students, residents, and attendings. Also learned to look beyond 'community' changes to address the problem we have right now."

"Excellent brainstorming around system issues that are rarely addressed in med school or in residency. I am impressed with the PPT skills of presenters."



# LEARNING OBJECTIVES

## EDUCATIONAL PURPOSE

MHCC's learning objectives encompass understanding and addressing flow management, evaluating impacts across departments, comprehending system-wide issues, and formulating practical solutions with real data.

### Learning Objective 1

Introduce and discuss aspects of flow management, evaluation, and optimization of outcomes in the Emergency Department.

### Learning Objective 2

Evaluate downstream impact on other hospital patients and departments.

### Learning Objective 3

Understand upstream issues in the healthcare system in Quebec and their impact on patients and individual healthcare institutions.

### Learning Objective 4

Generate an approach and framework to flow management in the Emergency Department using critical thinking, with aids including educational materials, a guest speaker, and team leaders.

### Learning Objective 5

Formulate practical and impactful solutions to institutional challenges in the healthcare system using real data.





# WINNING SOLUTION



## SOLUTION

The winning solution presented by Team Green tackled the issue of overcrowding and limited patient flow in the hospital due to the complexity of care needed for geriatric patients. The implementation of a geriatric emergency medicine assessment team and an evidence-based fast-track protocol at triage for geriatric patients requiring CT head imaging demonstrated innovation in addressing a critical burden on the healthcare system.

# RECOGNITION & AWARDS

## SOCIAL MEDIA

MHCC garnered significant attention on social media platforms

### Health E-News:

"Med students compete to fix emergency department overcrowding."

### MyMUHC:

"Emergency medicine competition: and the winning team is..."

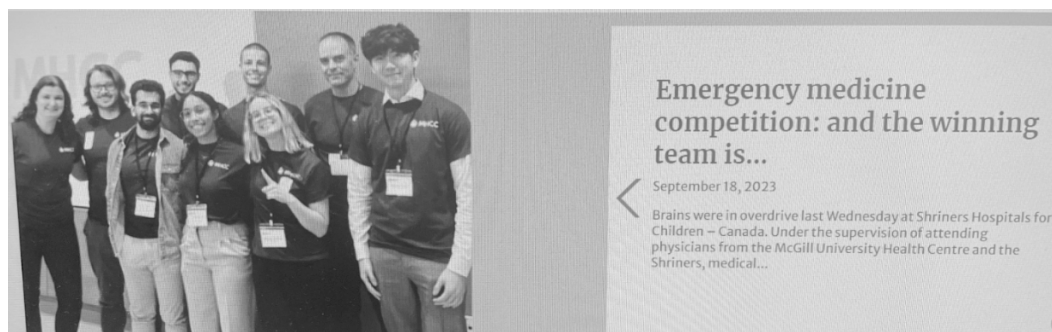
### Shannon Fraser, Chief of General Surgery

"Amazing morning at McGill's ED case competition! Conceived by medical students! These future colleagues get it!"

## AWARD

### Learner Award for Teaching Innovation

[View Article Here](#)





# ACKNOWLEDGMENTS

Generous support from sponsors contributed to the success of the event.



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• SALADES GOURMANDES •





# CONCLUSION

## Future Plans

MHCC findings will be disseminated through research articles submitted to high-impact peer-reviewed medical education journals and submitted for presentation at relevant conferences. Our findings will potentially serve as a model for trainees and provide strategies for addressing healthcare system challenges.

The McGill Healthcare Management Consulting Case Competition has set a strong foundation for future endeavors, contributing significantly to healthcare education and fostering innovation in addressing critical healthcare challenges. The commitment of participants, support from sponsors, and the organizing committee positions MHCC as a key innovation in advancing healthcare management and quality improvement initiatives. The future holds exciting prospects for the continued success and impact of MHCC in shaping the next generation of healthcare professionals.



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