

## HEAL 2024: HEALTHCARE ENHANCED BY AI & LEARNING

June 19, 2024

7:30 a.m. – 4:35 p.m.

Brescia at Western University, London, Ontario

Time	Location	Session
7:30 a.m. – 8:30 a.m.	Mercato	<b>Registration &amp; Breakfast</b>
8:30 a.m. – 8:45 a.m.	Mercato	<b>Welcome</b> <b>Speakers:</b> Dr. Bill McCauley, Dr. Mark Daley
8:45 a.m. – 9:30 a.m.	Mercato	<b>Presentation with Q&amp;A:</b> The Landscape of Artificial Intelligence in Healthcare <b>Speaker:</b> Dr. Benjamin Fine <b>Learning Objectives:</b> By the end of this session, participants will be able to: <ol style="list-style-type: none"> <li>1. Describe the drivers enabling the AI revolution in healthcare</li> <li>2. Identify the concepts behind ‘AI’</li> <li>3. Recognize the challenges and opportunities of AI in healthcare</li> </ol>
9:30 a.m. – 10:00 a.m.	Mercato	<b>Presentation with Q&amp;A:</b> What’s Out There: Generative AI Tools <b>Speaker:</b> Dr. Jaron Chong <b>Learning Objectives:</b> By the end of this session, participants will be able to: <ol style="list-style-type: none"> <li>1. Recognize generative AI tools currently (or prospectively) available to physicians in Canada.</li> <li>2. Describe how generative AI tools can be applied in medical practice.</li> </ol>
10:00 a.m. – 10:30 a.m.	Mercato	<b>Break</b>
10:30 a.m. – 11:00 a.m.	Mercato	<b>Presentation with Q&amp;A:</b> What’s Out There: Diagnostic AI Tools <b>Speaker:</b> Dr. Douglas Fraser <b>Learning Objectives:</b> By the end of this session, participants will be able to: <ol style="list-style-type: none"> <li>1. Recognize AI-based diagnostic tools currently (or prospectively) available to physicians in Canada.</li> <li>2. Describe how AI-based diagnostic tools can be integrated in clinical workflows to enhance patient care.</li> </ol>
11:00 a.m. – 11:30 a.m.	Mercato	<b>Presentation with Q&amp;A:</b> What’s Out There: EMR and Scribe Tools

**Speaker:** Dr. Juan Racosta

**Learning Objectives:** By the end of this session, participants will be able to:

1. Recognize AI-based Electronic Medical Record (EMR) and scribe tools currently (or prospectively) available to physicians in Canada.
2. Describe how AI-based EMR and scribe tools can be implemented in practice to ensure data privacy and security

11:30 a.m. – 12:00 p.m.      Mercato

**Presentation with Q&A:** Legal & Ethical Implications of AI in Healthcare

**Speaker:** Dr. Colleen M. Flood

**Learning Objectives:** By the end of this session, participants will be able to:

1. Discuss some of the relevant ethical, safety, and other concerns that may emerge in the context of AI-based tools.
2. Discuss the laws that can influence or safeguard against those concerns and their sufficiency.

12:00 p.m. – 1:00 p.m.      Mercato

**Exhibition & Lunch**

1:00 p.m. – 1:40 p.m.      Mercato

**Panel with Q&A:** Legal & Ethical Implications of AI in Healthcare

**Moderator:** Dr. Adam Gavarkovs

**Panelists:** Dr. Colleen M. Flood, Dr. Benjamin Fine, Dr. Dennis Desai

**Learning Objectives:** By the end of this session, participants will be able to:

1. Identify the conditions under which the use of AI-based tools can exacerbate inequities in care.
2. Identify ethical considerations in the context of AI-based tools.
3. Recognize the current liability and legal considerations for physicians using AI in practice in Canada.

1:45 p.m. – 2:30 p.m.      Mercato

**Workshop A:** Hands-on with EMR & Scribe Tools (participants choose one)

**Facilitator:** Dr. Kellie Scott

**Learning Objectives:** By the end of this session, participants will be able to:

1. Describe how AI-based EMR and scribe tools can be implemented in practice to ensure data privacy and security.

2. Understand the practical aspects of integrating an AI scribe into a clinical encounter.

1:45 p.m. – 2:30 p.m.	Academic Pavilion 2001 A	<p><b>Workshop A:</b> Hands-on with Diagnostic AI Tools (participants choose one)</p> <p><b>Facilitators:</b> Dr. Rushil Chaudhary, Niall Murphy, Melissa Côté, Blake VanBerlo</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <p>Describe how AI-based diagnostic tools can be integrated into clinical workflows to enhance patient care.</p>
1:45 p.m. – 2:30 p.m.	Academic Pavilion 2001 B	<p><b>Workshop A:</b> Hands-on with Generative AI Tools (participants choose one)</p> <p><b>Facilitator:</b> Dr. Fredrik Odegaard</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Develop strategies for how generative AI tools can be applied in medical practice.</li> <li>2. Apply generative AI tools for literature search related to clinical research and medical practice.</li> <li>3. Identify ethical considerations resulting from the design of generative AI tools.</li> </ol>
1:45 p.m. – 2:30 p.m.	Academic Pavilion 2005	<p><b>Workshop A:</b> Hands-on with Patient-Facing Tools (participants choose one)</p> <p><b>Facilitators:</b> Dr. Keith Thompson, Dr. Abbas Zavar, Sydney Graham</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe how physicians can facilitate patients' use of AI tools to enhance their self-management practices.</li> </ol>
2:30 p.m. – 3:00 p.m.	Mercato	<b>Break</b>
3:00 p.m. – 3:45 p.m.	Mercato	<p><b>Workshop B:</b> Hands-on with EMR &amp; Scribe Tools (participants choose one)</p> <p><b>Facilitator:</b> Dr. Kellie Scott</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe how AI-based EMR and scribe tools can be implemented in practice to ensure data privacy and security.</li> <li>2. Understand the practical aspects of integrating an AI scribe into a clinical encounter.</li> </ol>

3:00 p.m. – 3:45 p.m.	Academic Pavilion 2001 A	<p><b>Workshop B:</b> Hands-on with Diagnostic AI Tools (participants choose one)</p> <p><b>Facilitators:</b> Dr. Rushil Chaudhary, Niall Murphy, Melissa Côté, Blake VanBerlo</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe how AI-based diagnostic tools can be integrated into clinical workflows to enhance patient care.</li> </ol>
3:00 p.m. – 3:45 p.m.	Academic Pavilion 2001 B	<p><b>Workshop B:</b> Hands-on with Generative AI Tools (participants choose one)</p> <p><b>Facilitator:</b> Dr. Fredrik Odegaard</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>4. Develop strategies for how generative AI tools can be applied in medical practice.</li> <li>5. Apply generative AI tools for literature search related to clinical research and medical practice.</li> <li>1. Identify ethical considerations resulting from the design of generative AI tools.</li> </ol>
3:00 p.m. – 3:45 p.m.	Academic Pavilion 2005	<p><b>Workshop B:</b> Hands-on with Patient-Facing Tools (participants choose one)</p> <p><b>Facilitators:</b> Dr. Keith Thompson, Dr. Abbas Zavar, Sydney Graham</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe how physicians can facilitate patients' use of AI tools to enhance their self-management practices.</li> </ol>
3:50 p.m. – 4:35 p.m.	Mercato	<p><b>Panel with Q&amp;A:</b> Future Trends at the Intersection of AI &amp; Healthcare</p> <p><b>Moderator:</b> Dr. Wael Haddara</p> <p><b>Panelists:</b> Dr. Douglas Fraser, Dr. Juan Racosta, Dr. Rob Arntfield</p> <p><b>Learning Objectives:</b> By the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify future trends in the evolution and of AI-based tools in healthcare.</li> </ol>

25% of this program is dedicated to participant interaction.

## Accreditation Statement

This one-credit-per-hour Group Learning program meets the certification criteria of the College of Family Physicians of Canada and has been certified by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University for up to 5.75 Mainpro+ credits. Each participant should claim only those hours of credit that he/she actually spent participating in the educational program.

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University. You may claim a maximum of 5.75 hours (credits are automatically calculated).

## Financial Support Statement

This program has received an educational grant or in-kind support from:

Silver Level:

- Mutuo Health
- Tali AI

Bronze Level:

- SPM Financial

Exhibitor Level:

- MD Financial