



**Canadian Society of Colon and Rectal Surgeons (CSCRS)/ CASCADES  
Post-Graduate Course: Fundamentals of Sustainable Perioperative Care**

**Co-Chairs:** Dr. Husein Moloo and Nicole Simms

As the effects of climate change continue to intensify, all sectors are charged with reducing carbon; the healthcare sector, which accounts for an estimated 4.6% of national greenhouse gas emissions, is no exception. Perioperative care in particular has an outsized environmental impact via its substantial waste production, generation of direct emissions, and energy use. It is therefore recognized as a significant area of opportunity for reducing healthcare's environmental footprint.

The Canadian Association of General Surgeons (CAGS) has joined forces with **CASCADES\***, a multi-year capacity-building initiative to address healthcare's contribution to the climate crisis, to offer "Fundamentals of Sustainable Perioperative Care." In this half-day workshop, participants will gain knowledge, develop skills, and forge collaborations that will help them advocate for and participate in a bottom-up and top-down shift toward more environmentally sustainable perioperative care. Participants will hear from perioperative care providers on the front lines of sustainability efforts, and develop a project charter for a sustainable quality improvement project they can initiate in their own settings.

*\*CASCADES is led by the University of Toronto's Centre for Sustainable Health Systems in partnership with the Healthy Populations Institute at Dalhousie University, the Planetary Healthcare Lab at the University of British Columbia, and the Canadian Coalition for Green Health Care. The project is funded for a five-year term by Environment and Climate Change Canada's Climate Action and Awareness Fund for Community-Based Climate Action Projects.*

**Agenda:**

12:30 – 13:00: Lunch

13:00 – 13:20: Welcome and Introductions (Husein Moloo and Nicole Simms)

13:20 – 14:30: Making the Case: Overview of Sustainable Health Systems

- Sustainable Health Systems in a Climate Crisis (Nicole Simms)
- Principles of Sustainable Health Care (Andrea MacNeill)
- QI as a Framework for Sustainable Change (Husein Moloo)
- Communicating Sustainability Activity (Andrea MacNeill, Husein Moloo, Nicole Simms)

14:30 14:40; BREAK

14:40 – 15:35: Making the Change: Sustainable Perioperative Care

- Opportunities, Priority Setting, and Benchmarking (Andrea MacNeill, Husein Moloo, Nicole Simms)
- Sustainable Change in Action: Bloodwork and Patient Warming (Karina Spoyalo)



- Sustainable Change in Action: Anesthetic Practices (Colin Chan)

15:35 – 15:45: BREAK

15:45 – 16:50: Making the Plan: Project Charter Development

- Introduction to the CASCADES project charter (Nicole Simms)
- Project Charter Workshop (Nicole Simms)

16:50 – 17:00: Closing (Husein Moloo and Nicole Simms)

**Date:** Wednesday, September 20, 2023

**Location:** Hyatt Regency, 655 Burrard Street, Vancouver, British Columbia, Canada V6C 2R7

**Time:** 13:00 -17:00

**Cost:**

- \$200; Member
- \$250; Non-Member
- \$180\*; Resident, Fellow, Student, Respiratory Therapists, Anesthesiologists, Nurses, Retirees

\*Subsidies are available; please contact [cascades@utoronto.ca](mailto:cascades@utoronto.ca) for application details

**Registration will open soon**