

Perioperative Care Congress 2026 | Agenda

Friday November 13, 2026

Session 1: Research competition

- 15:45-15:55 Welcome and opening remarks
- 15:55-16:05 Keynote research speaker: Ivabradine and myocardial injury after non-cardiac surgery in patients with coronary artery disease - findings from the PREVENT- MINS trial. Wojciech Szczeklik, Centre for Intensive Care and Perioperative Medicine, Jagiellonian University Medical College, Kraków, Poland
- 16:05-16:10 Questions
- 16:10-17:00 Trainees, Residents, and Fellow research competition
- 17:10-18:00 Early and mid-career research competition
- 18:00-18:10 Closing remarks
- 18:10-19:00 Welcome reception and e-poster presentation in the breakroom (Session A)
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Saturday November 14, 2026

- 08:00-08:10: Opening remarks: Emmanuelle Duceppe, University of Montreal, Montreal, Quebec, Canada and Flavia Borges, McMaster University, Hamilton, Ontario, Canada

Session 1: Perioperative Venous Thromboembolism and Chronic Direct Oral Anticoagulation Therapy in Patients Undergoing Surgery

- 08:10-08:15 Chairs: Conor Bell, McMaster University, Hamilton, Ontario and Amal Bessissow, McGill University, Montreal, Quebec, Canada
- 08:15-08:27 Hotline Presentation – Rivaroxaban then aspirin versus aspirin alone after total hip or knee arthroplasty – EPCAT III Trial results: Sudeep Shivakumar, Dalhousie University, Halifax, Nova Scotia, Canada
- 08:27-08:35 Questions
- 08:40-08:50 Debate: Be it resolved that adults undergoing urgent or emergency surgeries who chronically take a Direct Oral Anticoagulant (DOAC) should have a DOAC level measured.

Moderator: Donald Redelmeier, University of Toronto, Ontario, Canada

Pro: James Douketis, McMaster University, Hamilton, Ontario, Canada

Con: Steve Shadowitz, University of Toronto, Ontario, Canada

- 09:00-09:10 Efficacy and safety of extended duration postoperative thromboprophylaxis with low molecular weight heparin among subgroups of patients undergoing surgical resection of colorectal cancer – PERIOP-01 trial: Victoria Ivankovic, University of Ottawa, Ottawa, Ontario, Canada
- 09:10-09:15 Questions
- 09:20-09:32 Review of which current surgeries require pharmacological thromboprophylaxis and for what duration: Peter Gross, University of Toronto, Toronto, Ontario, Canada
- 09:32-09:40 Questions
- 09:40-10:00 Break**

Session 2: Cardiac and Vascular Surgery

- 10:00-10:05 Chairs: Graham McClure, University of Toronto, Toronto, Ontario, Canada and Richard Whitlock, McMaster University, Hamilton, Ontario, Canada
- 10:05-10:17 Prothrombin complex concentrate versus frozen plasma for coagulopathy bleeding in cardiac surgery – FARES-II trial: Keyvan Karkouti, University of Toronto, Toronto, Ontario, Canada
- 10:17-10:25 Questions
- 10:30-10:42 Emerging evidence on prevention of acute kidney injury after major surgery: Emmanuelle Duceppe, University of Montreal, Montreal, Quebec, Canada
- 10:42-10:50 Questions
- 10:55-11:07 Sonolysis during carotid endarterectomy – SONOBIRDIE trial: Jim Sahlas, McMaster University, Hamilton, Ontario, Canada
- 11:07-11:15 Questions
- 11:20-11:30 Incidence of perioperative atrial fibrillation (POAF) after cardiac surgery, its management, and its relationship to long-term outcomes – VISION Cardiac Surgery study: Emilie Belley-Cote, McMaster University, Hamilton, Ontario, Canada
- 11:30-11:35 Questions
- 11:35-13:00 Lunch**

Session 3: Preoperative anemia, Perioperative Bleeding, and Transfusion Thresholds

- 13:00-13:05 Chairs: Pavel Roshanov, Western University, London, Ontario, Canada and Erin Morley, University of British Columbia, Vancouver, British Columbia, Canada
- 13:05-13:17 Hotline Presentation – Hospital policy of tranexamic acid to reduce transfusion in major noncardiac surgery: Ryan Zarychanski, University of Manitoba, Winnipeg, Manitoba, Canada
- 13:17-13:25 Questions
- 13:30-13:40 How to set up a preoperative anemia clinic: Lindsey Gerstein, McGill University, Montreal, Quebec, Canada
- 13:40-13:45 Questions
- 13:50-14:00 Tranexamic acid in bariatric surgery: Maura Marcucci, Humanitas University & IRCCS Humanitas Research Hospital, Milan, Italy
- 14:00-14:05 Questions
- 14:10-14:25 Chain Reaction Panel – Should patients with a prior percutaneous coronary intervention receive perioperative ASA given the POISE-2 and ASSURE-DES trials: David Conen, McMaster University, Hamilton, Ontario, Canada; Emmanuelle Duceppe, University of Montreal, Montreal, Quebec, Canada; and Daniel Moller, University of British Columbia, Vancouver, British Columbia, Canada
- 14:30-14:45 Debate: Be it resolved that the TRACTION trial was a substantially better trial than the POISE-3 trial
- Moderator: Donald Redelmeier, University of Toronto, Ontario, Canada
- Pro: Ryan Zarychanski, University of Manitoba, Winnipeg, Manitoba, Canada
- Con: P.J. Devereaux, McMaster University, Hamilton, Ontario, Canada
- 14:50-15:02 Liberal versus restrictive transfusion strategy in patients at high risk of cardiac events who had undergone major vascular or general surgery and developed anemia – TOP trial: Panos Kougias, State University of New York (SUNY) Downstate Health Science University, Brooklyn, New York, United States
- 15:02-15:10 Questions
- 15:10-15:25 Break**

Session 4: Anesthesiology and Pain Medicine

- 15:25-15:30 Chairs: Jean-Luc Fellahi, Lyon Sud University Hospital, Lyon, France and Jessica Spence, McMaster University, Hamilton, Ontario, Canada
- 15:30-15:42 Inflammatory Biomarkers and Cardiovascular Outcomes After Noncardiac Surgery: Insights from the VISION Biobank: Michael Wang, McMaster University, Hamilton, Ontario, Canada
- 15:42-15:50 Questions
- 15:55-16:05 Preoperative psychological distress is associated with mortality within 1 year of non-cardiac surgery: Sadeesh Srinathan, University of Manitoba, Winnipeg, Manitoba, Canada
- 16:05-16:10 Questions
- 16:15-16:27 Prevention of persistent pain with lidocaine infusions: James Khan, University of Toronto, Toronto, Ontario, Canada
- 16:27-16:35 Questions
- 16:40-16:52 Late-Breaking Trial Presentation – Among adults with operatively managed appendicular fractures, does online cognitive behavioral therapy versus usual care reduce moderate-to-severe persistent post-surgical pain – COPE trial: Jason Busse, McMaster University, Hamilton, Ontario, Canada
- 16:52-17:00 Questions

Session 5: New Medical Journal

- 17:00-17:05 Chairs Emmanuelle Duceppe, University of Montreal, Montreal, Quebec, Canada and Ameen Patel McMaster University, Hamilton, Ontario, Canada
- 17:05-17:17 What The Lancet Surgery and Anaesthesiology hopes to bring to the medical world and insights regarding publishing: Dr. Callam Davidson, Deputy Editor
- 17:17-17:25 Questions
- 17:25-17:30 Wrap up: Dr. Vikas Tandon
- 17:40-18:30 e-poster presentation (Session B)
- 17:45-18:30 Tour of the PROTECT Laboratory at Juravinski Hospital and Cancer Centre**
699 Concession St., Hamilton, ON L8V 5C2
Demonstration of the perioperative virtual care with remote automated monitoring program: Drs. Michael McGillion, Nursing, McMaster University, Hamilton, Ontario, Canada and Sandra Ofori, Perioperative Care, McMaster University, Hamilton, Ontario Canada

Sunday November 15, 2026

Session 6: Perioperative Monitoring and Artificial Intelligence

- 08:00-08:10 Chairs: Manoj Lalu, University of Ottawa, Ottawa, Ontario, Canada and Flavia Borges, McMaster University, Hamilton, Ontario, Canada
- 08:10-08:23 Late-Breaking Study Presentation – Supplemental operating room air filtration: findings from the ORACLE Trial. Daniel I Sessler, UTHealth, Houston, Texas, United States
- 08:23-08:30 Questions
- 08:35-08:47 Hotline Presentation – Continuous versus intermittent postoperative vital sign monitoring trial: Megan Hicks, Wake Forest University, Winston-Salem, North Carolina, United States
- 08:47-08:55 Questions
- 09:00-09:12 Hotline Presentation – Remote perioperative telemonitoring care versus surgeon only care in patients undergoing gastrointestinal, genitourinary, and gynecological cancer surgeries: Sandra Ofori, McMaster University, Hamilton, Ontario, Canada
- 09:12-09:20 Questions
- 09:25-09:45 Campfire Session: How to set up virtual care with remote automated monitoring program for patients discharged after surgery and key ingredients: Jordan Leitch, Queen's University, Kingston, Ontario, Canada; Michael McGillion, McMaster University, Hamilton, Ontario, Canada; and Megan Hicks, Wake Forest University, Winston Salem, North Carolina, United States
- 09:50-10:00 Artificial intelligence in the perioperative setting: Marcela Vizcaychipi, Imperial College London, London, United Kingdom
- 10:00-10:05 Questions
- 10:05-10:25 BREAK**

Session 7: Perioperative Cardiac and Neurological Outcomes

- 10:25-10:30 Chairs: Maura Marcucci, Humanitas University & IRCCS Humanitas Research Hospital, Milan, Italy and Jim Sahlas, McMaster University, Hamilton, Ontario, Canada
- 10:35-10:47 Late-Breaking Study Presentation – Relationship between patent foramen ovale, migraines and perioperative ischemic stroke after non-cardiac surgery: Matthias Eikermann, Anesthesiology, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx,

New York, United States and Maira Rudolph, Anesthesiology, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx, New York, United States

- 10:47-10:55 Questions
- 11:00-11:12 Hotline Presentation – Postoperative atrial fibrillation and the risk of developing dementia: Lindsey Gerstein, McGill University, Montreal, Quebec, Canada and Sofia Nene, McGill University, Montreal, Quebec, Canada
- 11:12-11:20 Questions
- 11:25-11:35 Machine learning approach to predicting perioperative atrial fibrillation and myocardial injury after noncardiac surgery: Chengyu Wang, Fudan University, Shanghai, China
- 11:35-11:40 Questions
- 11:45-11:55 Perioperative myocardial infarction and injury after noncardiac surgery – association between cardiologist evaluation and outcomes: Flavia Borges, McMaster University, Hamilton, Ontario, Canada
- 11:55-12:00 Questions
- 12:05-12:15 Autoregulation monitoring in noncardiac surgery: Results of the AUTOREGULATE-NONCARDIAC study: Patrick Wanner, University Hospital Basel, Basel, Switzerland
- 12:15-12:20 Questions
- 12:25-12:40 Campfire Session: How to implement a prehabilitation program: Chelsia Gillis, McGill University, Montreal, Quebec, Canada; Isabelle Dore, University of Montreal, Montreal, Quebec, Canada; Luciana Macedo, McMaster University, Hamilton, Ontario, Canada and Jordan Leitch, Queen's University, Kingston, Ontario, Canada
- 12:40-12:45 Questions

Session 8: Awards, feedback, and closing comments

- 12:45-12:55 Research Competition and Society Awards: Drs. Emmanuelle Duceppe, Medicine, University of Montreal, Montreal, Quebec, Canada and PJ Devereaux, Perioperative Care, McMaster University, Hamilton, Ontario, Canada
- 12:55-13:00 Feedback and Closing Comments: Dr Flavia Borges, Perioperative Care, McMaster University, Hamilton, Ontario, Canada