Perioperative Vascular Medicine Training Program
Why Perioperative Medicine?

- Over 200 million adults undergo non-cardiac surgery annually.
- Over 10 million of these patients will suffer a major vascular complication in the first 30 days after surgery.
- Evidence-based practice in the field of perioperative medicine is a developing discipline with advancing knowledge frequently being generated through large international studies led out of McMaster University.

Why McMaster University?

- Excellent clinical exposure to broad areas of perioperative vascular medicine including preoperative risk assessment; risk modification; perioperative monitoring; and management of perioperative arrhythmias, myocardial infarction, congestive heart failure, and venous thrombotic events.
- Instruction from global leaders in perioperative medicine, cardiology, thrombosis and GIM.

Program Highlights:

- A comprehensive perioperative vascular clinical, educational and research program tailored to meet trainees’ individual interests and the Royal College Perioperative Medicine learning objectives.
- Biweekly academic sessions.
- Perioperative journal club.
- Monthly challenging case rounds.
- Preoperative clinics in Cardiology, Hematology and GIM for risk stratification, diagnostic testing or initiation of treatment.
- In-patient Perioperative Cardiology Service allows for co-management of surgical patients and close monitoring of high-risk patients in the CCU post-operatively.
- Postoperative ambulatory clinics for outpatient follow up of patients who suffer perioperative vascular complications.
- Participation in several, active international randomized controlled trials focused on perioperative medicine, including:
  - Exposure to study design, site recruitment, implementation and data collection,
  - Patient recruitment,
  - Data analysis and review,
  - Manuscript preparation.
Program FAQ's:

Who is eligible for participation in the training program?
- PGY-4 or above in general internal medicine, cardiology, or anesthesia.

How long is the training program?
- Trainees can select between 3-12 months duration.

How much time is devoted to clinical vs research interests?
- This varies depending on the interests, experience and career goals for individual trainees and can be discussed in detail with Dr. Tandon, the program director.
- A 2-year MSc in Health Research Methodology is available for interested trainees who wish to extend their time at McMaster or to pursue this degree concurrently.

Is funding available?
- Trainees are generally funded by their home university.
- Successful applicants are provided with letters of support for grant applications upon request.

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Dr Vikas Tandon
- Director of the Perioperative Vascular Medicine training program.
- Assistant professor of Cardiology and Medicine at McMaster University.
- Clinical and research interests in perioperative medicine, cardiac risk stratification and cardiac imaging.

Dr PJ Devereaux
- A leading expert in perioperative medicine.
- Head of Cardiology and the Perioperative Cardiovascular Service at the Juravinski Hospital.
- Scientific leader of the Population Health Research Institute’s (PHRI) Perioperative Medicine and Surgical Research Unit.

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For More Information:

For general inquiries and additional program information, please visit our website at:
http://fhs.mcmaster.ca/medicine/periop

For all other inquiries, please contact the training program director:

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