

Position: [Perfusionist](#)

Employment Type: [Full Time](#)

Hours of Work: [Monday- Friday \(Days\)](#)

Location: [911 Queen's Blvd. Queens Blvd, Kitchener ON N2M 1B2](#)

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*For more than 90 years St. Mary's General Hospital has fostered a culture of innovation, compassion and respect. With this vision, St. Mary's has developed an environment that inspires people to perform to the best of their ability. Passion, excellence and innovation are deeply embedded in all we do. St. Mary's uses these principles to foster a healthy, supportive work environment that cares for the well-being of our community - mind, body and spirit. When you join St. Mary's, your contribution will make a positive impact to the quality of life for patients and families. In addition, you will join a team dedicated to making St. Mary's the safest and most effective hospital in Canada.*

### **What You'll Do**

A Perfusionist is an allied health professional specially trained to assist the physician in the treatment of patients requiring a variety of cardiovascular support. The Perfusionist is responsible for the care and support of the patient in the operative and perioperative environment. At St. Mary's General Hospital, the Perfusionist functions in a highly specialized adult cardiac surgical environment. The Perfusionist contributes to clinical, education and research-based practice within the scope of perfusion science and the Cardiac Program.

### **Operations**

- Provides treatment modalities as outlined by the recommended national standards for Perfusion Practice.
- Provides therapeutic services including (but not limited to):
  - Administration of various medical gases, anesthetics, drugs, blood products, and crystalloid solutions under prescription of the physician.
  - Induced hypothermia and hemodilution of various degrees
  - Ventricular assistance via Right Ventricular Assist Devices, Left Ventricular Assist Devices, and Intra-Aortic Balloon Pumps.
  - Long term pulmonary support – ECMO
  - Hemoconcentration
  - Autotransfusion and blood salvage
- Effectively applies organizational and time management skills to prioritize workload, to problem solve, and to adapt to frequent interruptions and change.

### **Quality Standards**

- Advocates and adheres to the standards of perfusion practice as outlined by the Canadian Society of Clinical Perfusion
- Analyzes various hemodynamic and blood chemistry test results and manipulates the appropriate perfusion equipment or utilizes the appropriate perfusion technique to maintain established guidelines.
- In consultation with the physician, provides appropriate control of the patient's cardiopulmonary and metabolic homeostasis.
- Assesses procedure(s) to be performed as well as patient requirements and chooses the appropriate components for the extracorporeal circuit.
- Assists with the development, implementation, and evaluation of best practices including the implementation of quality and safety standards and protocols designed to ensure safe, effective patient care.
- Identifies safety issues and brings them to the attention of leadership.



## Professionalism

- Maintains a high level of current knowledge and technique through participation in recognized training programs, continuing education, and maintenance of professional certification.
- Adapts communication and interpersonal skills to deal effectively with patients and their families, co-workers, physicians, volunteers and others within our health care community.
- Demonstrate values and a commitment to foster a healthy, supportive work environment dedicated to delivering a high quality care experience through compassion, innovation and respect.
- Collaborates and liaises with members of the health care team to achieve excellence in patient care.

## Equipment

- Responsible for the operation and monitoring of mechanical devices used during cardiac surgical procedures requiring partial or complete cardio-pulmonary bypass support, as well as other related support systems.
- Participates in activities related to cardiovascular and myocardial perfusion equipment, including selection, assembly, calibration, operation, and routine maintenance.
- Ensures quality assurance testing
- Monitors the performance and function of equipment
- In collaboration with Perfusion Department, advocates for, and evaluates new equipment. Participates in the capital planning and RFP process as required.

## Participation

- Works collaborative with colleagues, physicians and hospital administration to develop, implement, and evaluate effective and safe treatment modalities, protocols, and procedures.
- Providing ongoing support and mentorship for colleagues, students, and new staff members.
- Participates in research involving surgical, anaesthetic and perfusion related concepts.
- Ensures workload measurement is completed and tracked by all team members.

## Position Requirements

- Completion of an accredited educational program related to Clinical Perfusion
- Eligible to complete the examination set by the Canadian Society of Clinical Perfusion.
- Eligible for certification and approval to practice by the Canadian Society of Clinical Perfusion.
- Eligible for certification by the American Board of Cardiovascular Perfusion
- Expert knowledge of extracorporeal physiology and mechanics.
- Current up-to-date knowledge of protocols and quality standards related to the role of Perfusionist.
- Strong ability to make frequent, critical decisions utilizing sound judgement and skill.
- Knowledge of the principles of change management accompanied by the ability to effectively apply Lean Management strategies and principles to improve existing processes.
- Demonstrated ability to work effectively as a member of an interdisciplinary patient care team with a focus on quality patient-centered care.
- Demonstrated ability to function effectively and with confidence under stress (i.e., when making critical, independent decisions and in emergency situations).
- Proficient computer skills including Meditech, Microsoft Word, and basic knowledge of Microsoft Excel.

## Preferred Requirements

- Demonstrated to be an extremely self-directed, motivated individual, with the ability to work independently and in a team environment.
- Commitment to providing a safe, high quality environment for patients.
- Demonstrated effective written and verbal communication skills
- Critical thinking and effective problem solving skills.
- Strong planning, organizational, leadership and prioritization skills.



### How To Apply:

To express your interest in this position please apply online through our careers page at <http://www.smgh.ca/careers-physicians-volunteers/careers> . All applicants will need to create a Halogen Profile in order to apply. Instructions on how to create a profile are located on our website.

Accommodations are available during all stages of the recruitment process in accordance with the Human Rights Code. SMGH requires all new hires to submit a valid Criminal Record Check that may include a Vulnerable Sector Screen prior to start date.

SMGH is committed to complying with the Accessibility for Ontarians with Disabilities Act (AODA) to provide an inclusive, barrier free workplace. We will accommodate the accessibility needs of individuals with disabilities to support participation in all aspects of the recruitment process. Should you require this accommodation, please contact the HR Administrator, 519-749-6578 ext. 6669.

We would like to thank all candidates in advance for their interest and only those candidates selected for an interview will be contacted. Due to the volume of applications we receive, we are unable to confirm the receipt of individual applications or resumes