



Cardiac Surgery

Sites

Jewish General Hospital
Royal Victoria Hospital

Jewish General Hospital

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Elective Description

Available to one Clerkship student. The student who selects this elective will function as an integral member of the team in the work-up and management of patients with cardiac, vascular and thoracic diseases. His/her daily activities will take him to the cardiac catheter lab, the respiratory lab, the vascular radiology lab, the intensive care unit as well as to the operating room where he/she will be part of the surgical team. He/she will be closely supervised by a member of the Cardiac Surgery department.

Royal Victoria Hospital

Contact Information

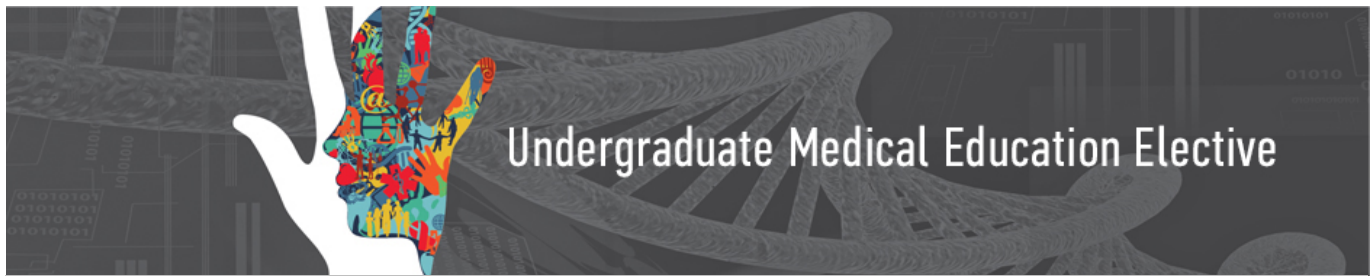
Supervisor	Dr. Pierre-Luc Bernier	Telephone	(514) 934-1934, x 37063
Coordinator	Mrs. Kathy Roussis	E-mail	cardiacresidency.med@mcgill.ca

Elective Description

Available to two clerkship students.

Students participate with the surgical resident in the evaluation and management of adult cardiovascular surgical diseases. They work up patients on the ward and follow them to the operating room. In the operating room, they are instructed in basic wound suturing which they perform under supervision.

This elective provides a complete exposure to cardiac surgical care (pre-operative clinics, inpatient ICU care, inpatient ward care, operating room). Students therefore have the opportunity to become familiar with postoperative care, inpatient management, intensive monitoring, and operative surgical



Undergraduate Medical Education Elective

techniques. In the clinic, they participate in the assessment of new patients and observe the results of patients previously operated.

Our cardiac surgery service is involved in all aspects of cardiac diseases; coronary disease, valvular disease, heart failure (mechanical support and transplantation), congenital cardiac disease. It works in close collaboration with the Department of Anesthesia, Critical care and Cardiology. Students can also learn from these regular consultants.

Research electives involving clinical review of patient material in cardiac surgery are also available.

Elective Duration

2-4 weeks

Educational Objectives

- 1- Learn indications for cardiac surgical interventions
- 2- Learn optimal pre-operative and post-operative management of cardiac surgery patients
- 3- Be exposed to common cardiac surgery procedures
- 4- Learn basic suturing techniques
- 5- Be exposed to cardiac care in a multidisciplinary setting
- 6- Learn the management of cardiac surgery patient in an outpatient setting

Prerequisites

No specific prerequisite.

Scope of Work

Rounds with residents on the ward.
Surgical assistance in the operating (such as for saphenous vein harvest).
Exposure to clinics under attending supervision.
Participation to multidisciplinary clinical and academic meetings/rounds.

Recommended Reading/Preparation

Manual of Perioperative Care in Adult Cardiac Surgery, by Robert M. Bojar
Key Questions in Cardiac Surgery, by Narain Moorjani, Nicola Viola and Sunil K. Ohri



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