

The MUHC Cancer Centre at the Glen Campus

Vital to saving lives and keeping families whole



IN AUGUST 2008, 18-YEAR-OLD ÉLIANE CORRIVEAU LEARNED THAT SHE HAD ACUTE LYMPHOBLASTIC LEUKEMIA. Right away, she put her studies on hold to devote herself to fighting this life-threatening disease. Instead of expressing anger or despair about her diagnosis, Éliane says, "I'm very lucky. People may not understand how I can say that while lying in a hospital bed, but that's how I feel. I have access to an incredible support network and receive the best care from my doctors and nurses at the Royal Victoria Hospital."

To make care as stress-free and accessible as possible, patients will find most services related to diagnosis, treatment, rehabilitation and palliative care under one roof, and within a comfortable, healing environment...

For medical and research teams, better synergies will increase efficiency and accelerate discoveries. By working together in one place, with the latest technologies at their fingertips, they will make even more progress in the diagnosis, treatment and curing of the various forms of cancer, as well as in their prevention.

As one of the world's foremost academic health centres, the MUHC's professionals have played a lead role in improving the quality of life of Quebecers such as Éliane, as well as families around the globe, for close to two centuries. Their commitment to excellence is unwavering. The Cancer Centre at the Glen Campus is vital. The time for new infrastructure is now.

MUHC Cancer Care Mission at a glance

MUHC cancer care specialists work with children and adults who suffer from both common and rare forms of the disease.

- ▶ 9,000 adults and 1,322 children are followed at Oncology Day Centres
- ▶ 18 nurse navigators work in oncology
- ▶ 180 volunteers support cancer care activities
- ▶ More than 150 students are registered in cancer education programmes

"I received exceptional care here at the Royal Vic, especially on the seventh floor and through Cedars CanSupport. It's reassuring to know that the entire personnel works together to give us the best possible care. Cancer naturally causes a lot of fear, but I've always felt reassured here. Many of the staff and volunteers go above and beyond their responsibilities to help us."

— Éliane, 18 years old

Exceptional teams, exceptional dedication

Anger, sadness, guilt and anxiety: in addition to its physical symptoms, cancer imposes a heavy emotional burden on patients and their families. That's why the Cancer Care Mission of the McGill University Health Centre (MUHC) provides a wide range of

services and ensures that patients and families have the strongest possible support. This level of commitment, not to mention patient- and family-focused approach, has led the MUHC to become the provincial leader with the highest number of accredited specialized cancer teams, and a major contributor to the global effort to find cancer cures. This means that the MUHC's teams not

only provide exemplary care but they are also innovators and outstanding researchers.

For cancer patients and their families, this exceptional dedication comes with a special human touch. At the MUHC, interdisciplinary teams work together to provide a wide range of physical and psychological support systems, including Cedars CanSupport. Specially-trained nurse navigators guide patients through often complex treatment protocols and ensure they're well supported at all times.

New infrastructure is not only desirable, it is vital

When it comes to saving lives, the plans that the MUHC has presented to

the government for the Glen, Mountain and Lachine campuses are vital. The Cancer Centre has been carefully thought out by experts to transform patient care, research and teaching for patients, families and the healthcare professionals who are pushing the boundaries of medicine to keep families whole. From layout to cutting-edge equipment, no detail has been neglected.

To make care as stress-free and accessible as possible, patients will find most services related to diagnosis, treatment, rehabilitation and palliative care under one roof, and within a comfortable, healing environment. For example, patients will benefit from single rooms where comfort, privacy and technology are maximized, and loved ones are never far away.

A first for Quebec!

\$190 MILLION IN STATE-OF-THE-ART EQUIPMENT Fundamental for 21st-century medicine

WITH SOME OF THE WORLD'S FINEST SURGEONS AND OTHER SPECIALISTS TRANSFORMING HEALTH CARE TODAY, the McGill University Health Centre (MUHC) knows that \$190 million for state-of-the-art medical equipment is money invested wisely. The list of new diagnostic and therapeutic equipment, presented to the government as part of its redevelopment at the Glen, Mountain and Lachine campuses, represents the single-largest investment in Quebec. This equipment is fundamental for 21st-century medicine.

Medicine in the robotic age

Blown away by the technology in the latest *Transformers* movie? Now imagine the world's only surgical system with an ultra-precise control console that replicates the experience of open surgery, four interactive arms with wrists so flexible and dexterous they can peel a grape, and a 3D HD endoscope that offers an immersive view of the operating field. As the most advanced platform for minimally-invasive surgery, the *da Vinci Si HD* surgical system is "Edward Scissorhands meets microsurgery".

"By magnifying the surgical field by a factor of 10 to 15, a surgeon can operate in critical areas with amazing precision and not affect other functions," explains Dr. Armen Aprikian, urologist and Chief of the MUHC's Cancer Care Mission. "In fact, the robot's dexterity is so remarkable that we hope to treat prostate cancer better while minimizing incontinence and erectile dysfunction, two often-debilitating, post-surgical complications."

Besides being extremely useful for treating cancer, this multi-million-dollar marvel holds untold promise for a wide range of specialties. For

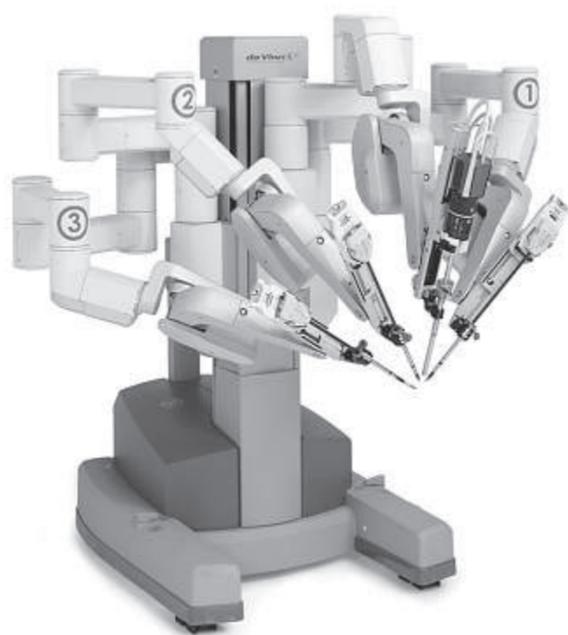
example, the *da Vinci Si HD* will allow gynecologists to perform less-invasive hysterectomies. Similarly, cardiologists will be able to carry out mitral-valve repairs and coronary-bypass surgeries.

New equipment is not a luxury, it's fundamental

"By investing \$190 million on state-of-the-art equipment, \$80 million of which will come from *The Best Care for Life* Campaign, the MUHC will do more and do it better," says the Hon. Arthur T. Porter, Director General and CEO of the MUHC. "This type of equipment is not a luxury. The world's leading academic health centres are already operating with such systems. Our professionals and our patients should benefit from such fundamentals of 21st-century medicine."

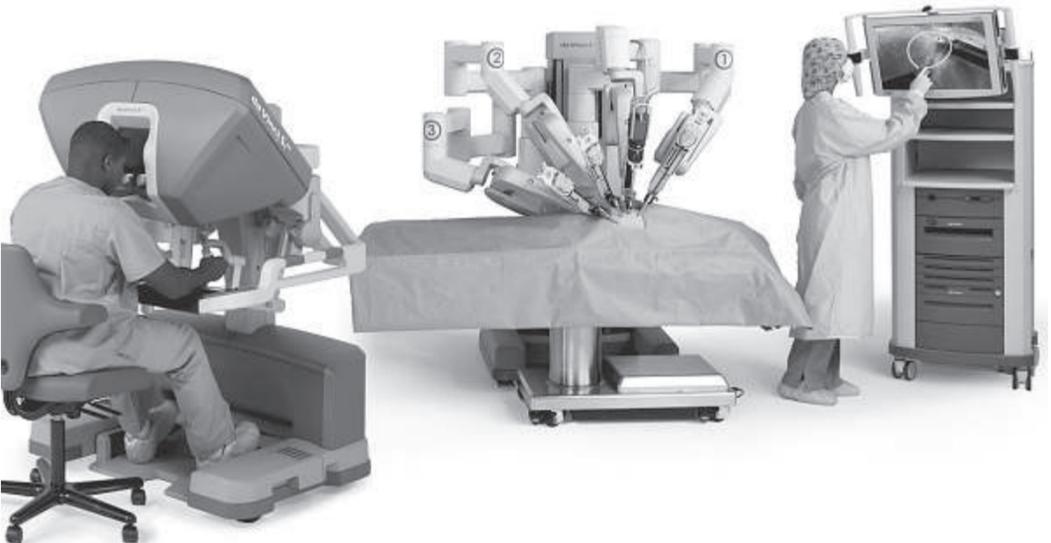
The *da Vinci Si HD* surgical system costs nearly \$3 million. Thanks to the Cedars Cancer Institute and *The Best Care for Life* Campaign, all but \$500,000 of the funding is already in place. The MUHC is confident that Montrealers will step up and provide the rest.

According to Stephen Hajaly, President of the Cedars Cancer Institute at the MUHC, the importance of



"This type of equipment is not a luxury. The world's leading academic health centres are already operating with such systems. Our professionals and our patients should benefit from such fundamentals of 21st-century medicine."

— The Hon. Arthur T. Porter, Director General and CEO of the MUHC



The McGill University Health Centre will be one of the first hospitals in Canada to receive the *da Vinci Si HD*, the latest in the *da Vinci* surgical systems. It will be located at the Glen Campus.

community support can't be overstated: "Cancer care has changed, and so have the tools. Our donors understand this and are incredibly generous. By helping the MUHC acquire the latest *da Vinci* surgical system, they are making a world of difference in the lives of our patients and their families."

A significant return on investment

Over and above the surgical advantages, the *da Vinci Si HD* has the potential to save considerable money and resources. Some might even say it is worth its weight in gold. Data supports shortened hospital stays up to 50 per cent, with the majority of patients able to return home within 48 hours

of surgery. Of course, faster procedures also mean more operations can be performed in a day, thus providing the opportunity to optimize operating-room resources while reducing wait-times for surgeries.

In addition to the *da Vinci Si HD*, the MUHC's Glen, Mountain and Lachine campuses will benefit from high-definition machines for endoscopic surgery, powerful cleaning and sterilization devices to reduce the risk of hospital-acquired infections, exceptionally fast equipment for the diagnosis of respiratory illnesses and cutting-edge anesthesia systems — everything needed to not only keep pace with evolving medicine, but to transform health care for generations to come.