



Centre universitaire de santé McGill  
McGill University Health Centre



## Transforming patient care, research and teaching

As one of the most innovative academic health centres in North America, the McGill University Health Centre's (MUHC) Glen Site will transform patient care and provide state-of-the-art training grounds for the next generation of healthcare professionals. Not only will the Glen have sophisticated patient-centered facilities, but it will house one of the most advanced research facilities on the continent bringing research from the lab to the bedside, for the benefit of patients around the world.

The Glen's architectural design will not only make it a new landmark in Montreal, but will integrate well into urban surroundings making the Glen a hub of activity for the community and the city. The vibrant building exteriors will be rich blues, yellows and reds and the curving main facade will create a welcoming character for the New MUHC at the Glen.

### Glen Site – a new home for

- ♦ Montreal Children's Hospital
- ♦ Royal Victoria Hospital
- ♦ Montreal Chest Institute
- ♦ Research Institute of the MUHC
- ♦ A new Cancer Centre
- ♦ The Shriners' Hospital for Children®

The Shriners' Hospital  
for Children®

Montreal Children's  
Hospital



## The Glen Site has been carefully planned for you and your family

- ◆ The first health centre in Quebec to bring together adult and all pediatric specialties under one roof, offering continuous care throughout patients' lives
- ◆ 500 rooms, all single-patient, with private bathrooms, air conditioning and space for loved ones to stay overnight
- ◆ Ample space in each patient room for equipment and care to be brought to the bedside
- ◆ More than 25 centralized out-patient clinics will improve access for appointments

This 2.4 million square foot complex on 43 acres of land is part of the MUHC's \$2.35 billion Redevelopment Project. The MUHC will consolidate its hospitals on three sites: the new Glen Site, as well as the current sites of the Montreal General Hospital and the Lachine Hospital.

## An easy patient experience

- ◆ All public entrances will have airport-style drop-off zones
- ◆ Wayfinding signs inside and outside the buildings will be colour-coded for quick identification
- ◆ The main interior "street," encased in glass and overlooking gardens, will clearly lead you to elevators, care units, clinics, atriums, stores and cafés
- ◆ Dedicated hallways and elevators for patients on stretchers will ensure more privacy and faster access to their destination



## Direct access by all modes of transit

- ◆ The Glen will be the only health centre in Quebec with a direct link to an intermodal station - Vendôme (metro, bus, train)
- ◆ The site is located at the intersection of four major highways
- ◆ An underground visitors' parking lot with a green landscaped roof will have direct underground access to elevators in various pavilions of the complex
- ◆ Pedestrian links on all four sides of the site will provide access from any of the surrounding neighbourhoods
- ◆ A protected bicycle path surrounding the hospital centre will link to the City of Montreal's network of bike paths
- ◆ The site will have approximately 200 bike racks



### At the forefront of innovation

The surgical facilities, also known as the "Interventional Platform," will house some of the most modern operating rooms in North America

- ◆ A total of 20 operating rooms and 21 intervention rooms will be grouped together for improved efficiencies for all surgical teams
- ◆ The Interventional Platform will be linked to the Emergency Departments and the Intensive Care Units for faster response times
- ◆ All operating rooms and procedure rooms will be equipped for telehealth, allowing staff to tele-conference with colleagues anywhere in the world during a procedure

The two Emergency Departments, one for children and one for adults, will be more efficient and centered around patient needs

- ◆ All rooms will be single-patient with space for equipment to be brought to the patient's bedside for a less stressful, more private and confidential patient experience
- ◆ Patient care areas will be away from the central staff areas, meaning a more efficient and tranquil experience



The latest state-of-the-art equipment will put the Glen at the forefront of technology, offering more advanced treatments tailored to individual patient needs

- ◆ 1 PET MRI (magnetic resonance imaging) to better screen and diagnose cancer patients
- ◆ 7 MRIs, more than doubling the MUHC's imaging capacity
- ◆ 8 linear accelerators, including three specialty accelerators, allowing us to treat the most complex cancer cases
- ◆ New technologies such as a pharmacy robot and an automated central laboratory line will enhance quality control







## MONTREAL CHILDREN'S HOSPITAL

The new Montreal Children's Hospital at the Glen will be one of the most state-of-the-art pediatric facilities in North America. Our young patients and their families will benefit from:

- ◆ 154 single-patient rooms with space for parents to stay overnight
- ◆ A Neonatal Intensive Care Unit located next to the Birthing Centre will ensure immediate attention for newborns needing critical care
- ◆ Home to 100 pediatric researchers, 80 research assistants, and over 100 graduate students performing cutting-edge research on childhood diseases
- ◆ An on-site playground, as we believe happy kids are healthier kids



### Children's facts

- ◆ The Children's is a provincially designated Pediatric Trauma Centre and Neurotrauma Centre of Expertise
- ◆ At over 75,000 visits per year, The Children's ER is one of the busiest in North America
- ◆ The new Children's Emergency Department will be more than twice the size of the current ER
- ◆ The new Neonatal Intensive Care Unit will be among the largest in Quebec





## ROYAL VICTORIA HOSPITAL

- ◆ New efficiencies such as daybeds for the Cardiovascular Sciences Program will mean more cardiac procedures can be done daily
- ◆ The new Women's Health unit will be a family-focused area with large single-patient rooms providing space for the mother, newborn and a partner to spend the night
- ◆ The ante/post-partum unit will be directly linked to dedicated trauma elevators, as well as to the C-section and labour/delivery rooms



## MONTREAL CHEST INSTITUTE

- ◆ Montreal Chest Institute (MCI) patients will have access to a full range of services on one site
- ◆ Access to the Research Institute will facilitate the MCI's ability to advance its expertise in the study and treatment of lung cancer and respiratory diseases (ex: asthma, Chronic Obstructive Pulmonary Disease (COPD), sleep apnea)
- ◆ The proximity of the MCI to the Children's will make it easier for teenagers who suffer from cystic fibrosis, asthma and other respiratory diseases to make the necessary transition to programs for young adults





## RESEARCH INSTITUTE OF THE MUHC

**The Research Institute (RI-MUHC) at the Glen site will include the Centre for Innovative Medicine, a self-contained clinical trials facility, and the Centre for Translational Biology, specialized in advanced genetics research, both unique in Canada helping move discoveries from the laboratory to the patient's bedside**

- ♦ The proximity to hospital facilities will give researchers direct access to clinicians and patients
- ♦ The organization of researchers into 'neighbourhoods' will encourage teams from different fields to work together towards new breakthroughs

**The RI-MUHC is an international research powerhouse with a worldwide reputation in the field of biomedical sciences and health care:**

- ♦ Ranked top in Quebec and 4<sup>th</sup> overall in Canada in a ranking of Canada's 40 top research hospitals based on research intensity (grants and contracts)\*
- ♦ More than 600 researchers and over 1,000 graduate and post-doctoral students and fellows, two-thirds of whom will be based at the Glen
- ♦ 2,100 technical and administrative staff members
- ♦ 230 laboratories (fundamental and translational research)
- ♦ Over 1,700 publications per year
- ♦ 12 patents issued for its research work each year
- ♦ Researchers attracted more than \$130 million in external funding in the 2009-10 fiscal year

\* Source: *Research Infosource*



## A NEW CANCER CENTRE

**The new Cancer Centre at the Glen will be one of the few comprehensive centres of excellence for cancer care in North America and will represent a new Canadian standard, providing Quebecers with some of the finest facilities in the country.**

- ◆ All the MUHC's cancer programs and services, including ambulatory clinics, an oncology day hospital and an urgent care centre, will be brought together in one place
- ◆ The Cancer Centre's healing environment will promote patients' physical and emotional rehabilitation and help their families cope
- ◆ A direct link to the Research Institute will enhance the development of innovative cancer treatments



### The new Cancer Centre will:

- ◆ Welcome approximately 700 patient visits a day - 170,000 visits annually
- ◆ Include 59 exam rooms, 86 treatment stations and 15 stretchers
- ◆ House 8 radiation therapy suites





## SHRINERS HOSPITAL FOR CHILDREN®

- ◆ The Shriners Hospital will be located beside the Montreal Children's Hospital, which will allow for improved efficiencies in all pediatric orthopedic cases
- ◆ Multi-disciplinary medical teams will use research, teaching and clinical care practices to develop innovations in orthopedic care for children

### A GREEN site for everyone's well-being

- ◆ The Glen site will have acres of green space that will include a park, a children's playground, a healing garden and several walking paths
- ◆ Four atria throughout the hospital complex will help use natural light as part of the healing process and enhance the well-being of patients, their families and staff
- ◆ The health centre will adhere to stringent environmental standards (LEED® Silver certification and BOMA BEST) and favour sustainable development, energy savings, healthy air flow, efficient water use, waste reduction, recycling and green operations



1. The Shriners Hospital for Children®
2. Block A – Montreal Children's Hospital
3. Block B – Montreal Children's Hospital
4. Block C – Royal Victoria Hospital
5. Blocks C+D – Royal Victoria Hospital / Montreal Chest Institute
6. Block E – Cancer Centre
7. Block F – RI-MUHC
8. Employee Parking

Campagne *Les meilleurs soins pour la vie*  
The Best Care for Life Campaign



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### Questions or comments?

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