



Close-up on
our
GLEN site

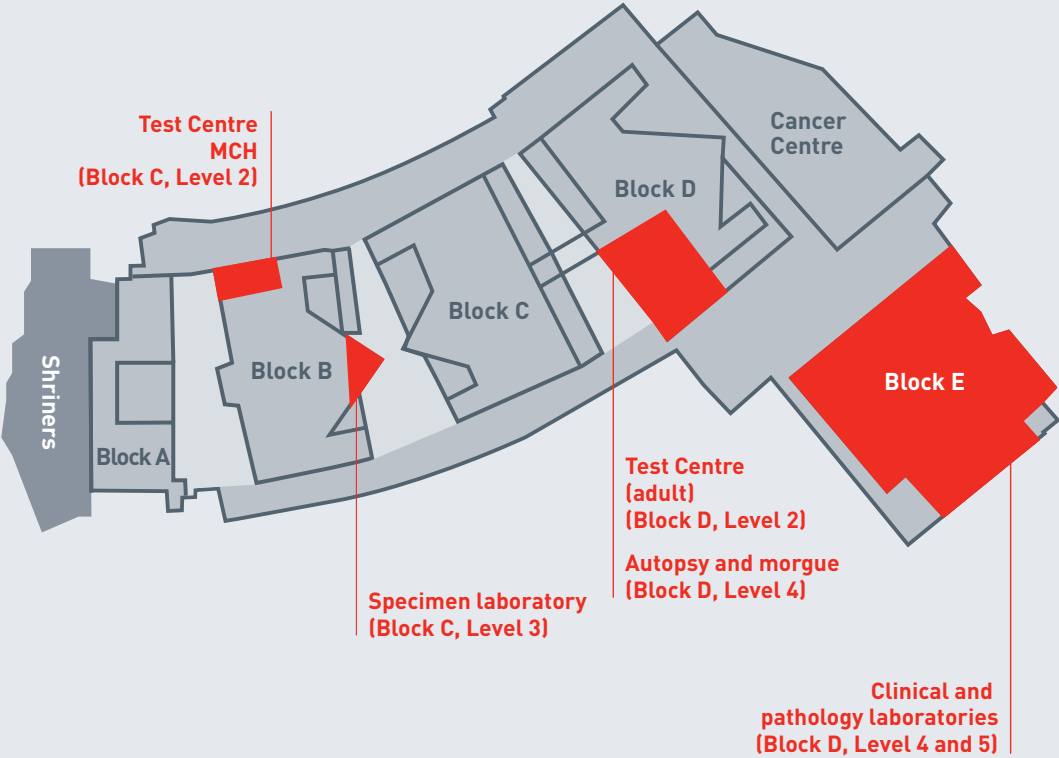
THE NEW GLEN SITE IS SIMPLIFYING AND SPEEDING UP PROCESSES
AT OUR CLINICAL LABORATORIES, TEST CENTRES AND THE PATHOLOGY
DEPARTMENT THANKS TO *cutting-edge equipment* AND
state-of-the-art facilities THAT HAVE BEEN CAREFULLY
PLANNED AND SELECTED WITH OUR STAFF.

A prime *location*

The test centres at the Glen site are strategically located on Level 2 of Blocks B (MCH) and D (RVH and MCI). Close to key services, such as the ambulatory clinics, the test centres are easily accessible from public areas.

In the Pathology Department, the frozen section laboratory is a bridge between the pediatric and adult operating rooms (Level 3 between Blocks B and C), while the morgue and autopsy rooms are located on Level 4 of Block D.

The clinical and pathology laboratories, which conduct analyses for the entire Glen site and for part of the Montreal General Hospital and Lachine Hospital, are grouped on Levels 4 and 5 of the Research Institute (Block E).



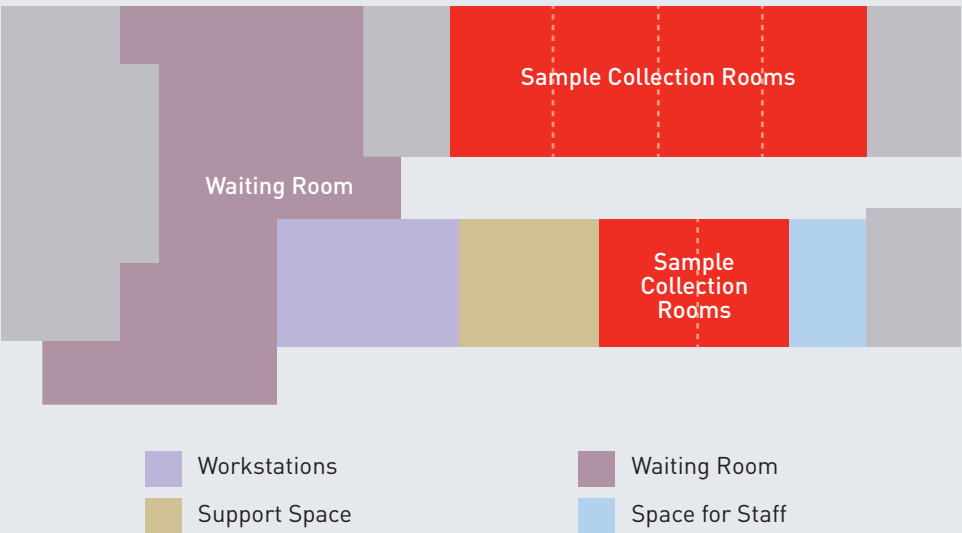
Test *Centre*

AT THE INTERSECTION OF PUBLIC AREAS AND AMBULATORY ACTIVITIES, THE TEST CENTRE HAS USER-FRIENDLY WORK SPACES DESIGNED TO ENCOURAGE EFFICIENCY:

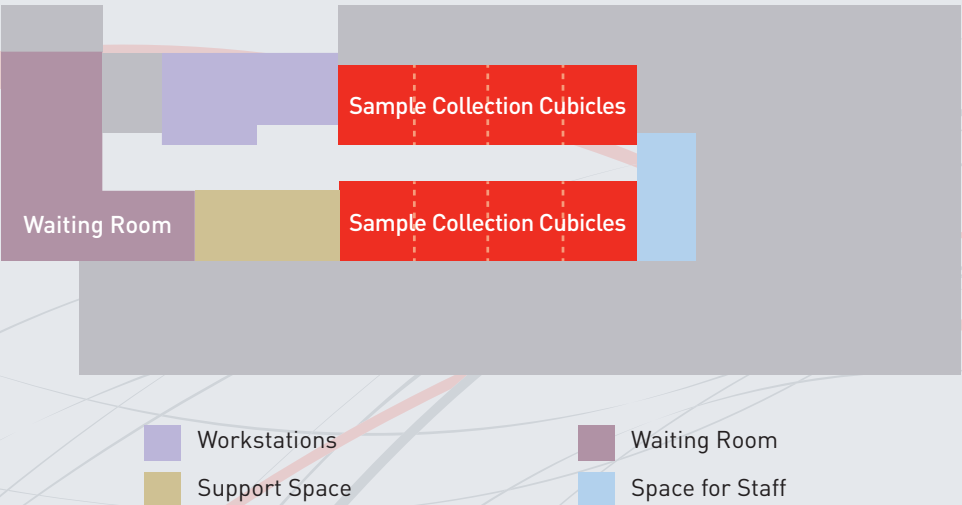
- Reception desks with pneumatic tube stations
- 6 sample collection rooms for children and 8 cubicles for adults
- Spacious waiting rooms

Thanks to a modern network of pneumatic tubes, samples can travel from the Test Centre to the laboratories in just a few minutes for fast analysis.

TEST CENTRE (MCH)



TEST CENTRE (ADULT)



Pathology: Frozen Section Laboratory and Autopsy

AT THE HEART OF THE INTERVENTIONAL PLATFORM, THE **FROZEN SECTION LABORATORY** SERVES ALL PEDIATRIC AND ADULT OPERATING ROOMS WHEN URGENT ANALYSIS IS REQUIRED.

- Strategic location to reduce walking distances
- Easy access for students and researchers from Block E

SEPARATED WORK AREAS:

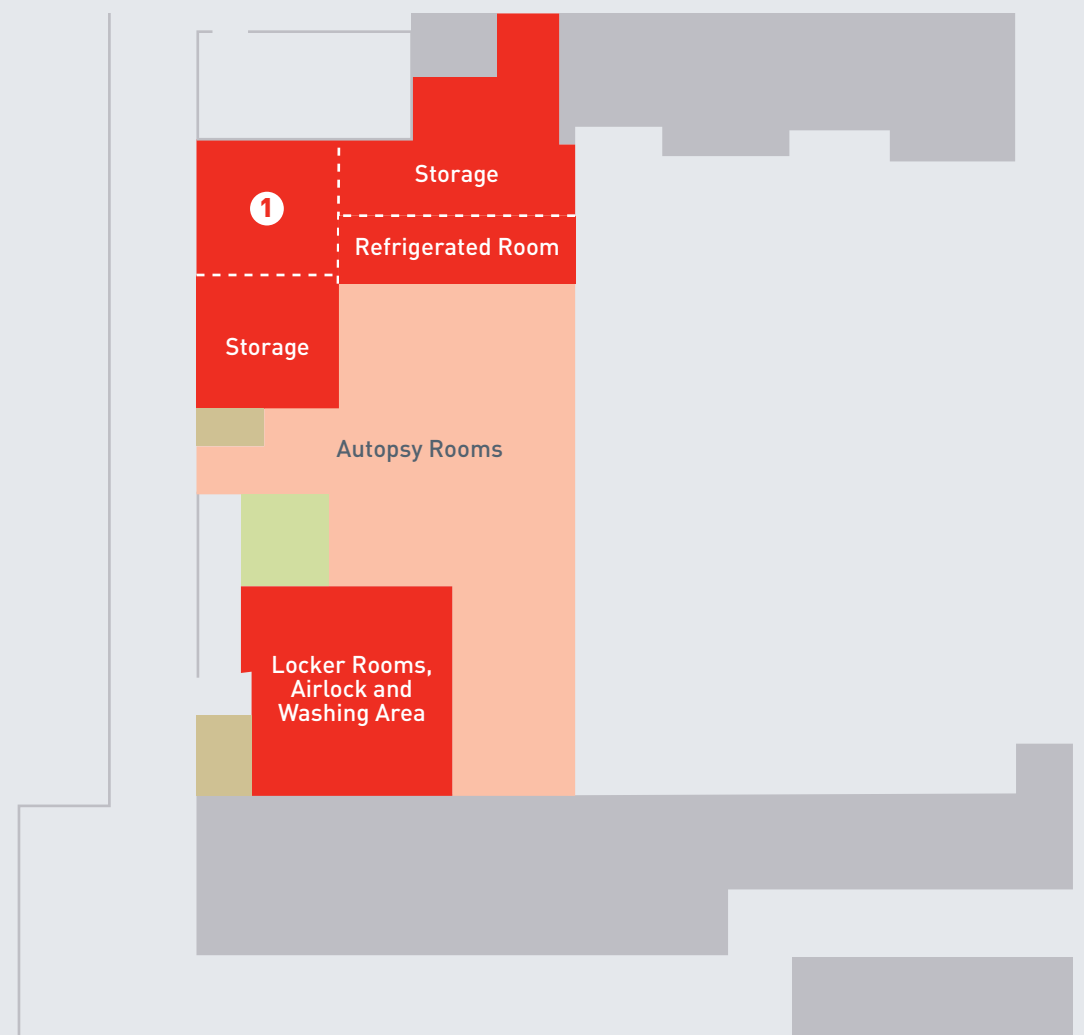
- Lab area
- Receiving area
- Work area for pathologists who need to examine samples under a microscope



MORGUE AND AUTOPSY

- Bodies are transported through restricted corridors and elevators
- A viewing room lets families pay their respects or identify a body in a private setting
- Physical separation of clean and soiled areas with a refrigerated room that is supplied from a back-of-house area
- A main autopsy room and an isolated autopsy room equipped with ceiling-mounted body lifts
- Ergonomic layout for teaching as well as specimen registration and organization
- Locker room compliant with decontamination protocols

After an autopsy, tissues and organs are sent to the pathology laboratory next door (Level 4, Block E). An interactive space with glass panels and an intercom allows the autopsy team to talk with laboratory staff and transfer samples through a dedicated window.



Pathology: layout of the morgue and autopsy room

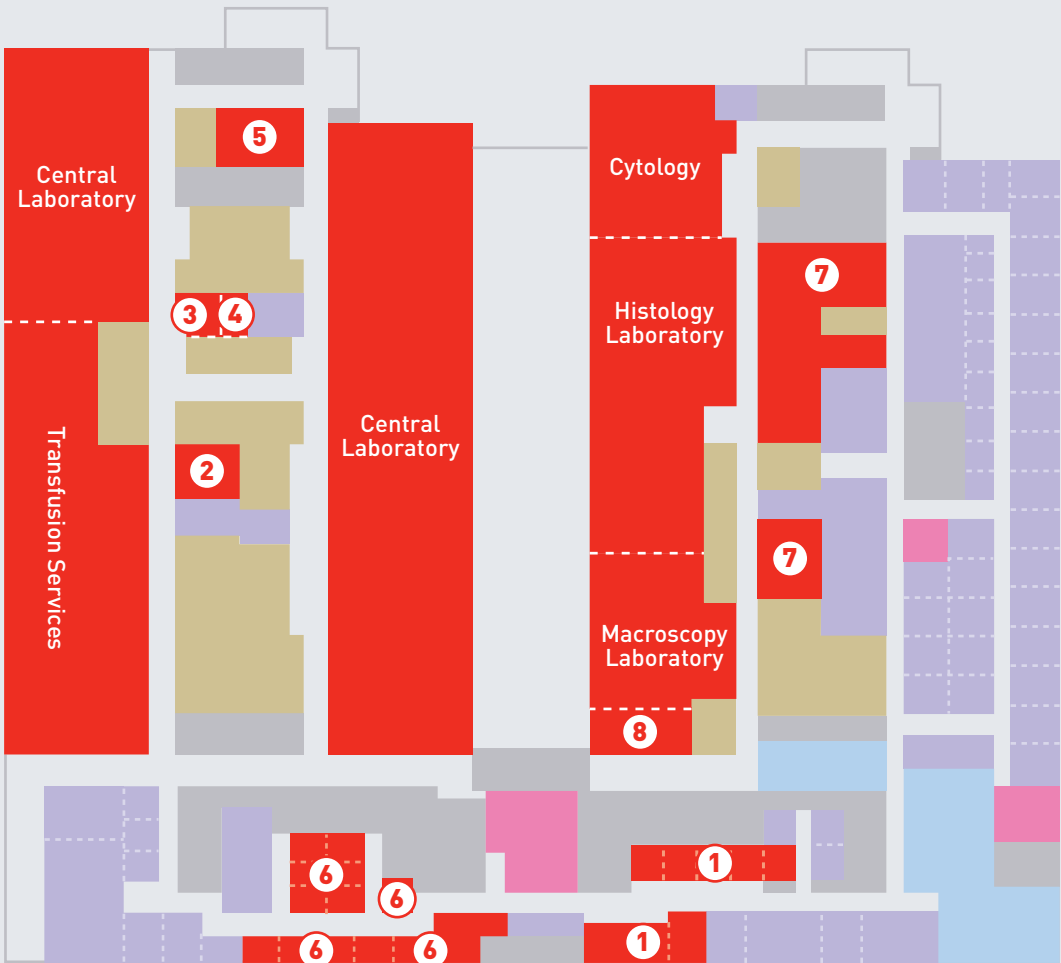
① Viewing Room

Support Spaces
Shared Office

Clinical and Pathology Laboratories

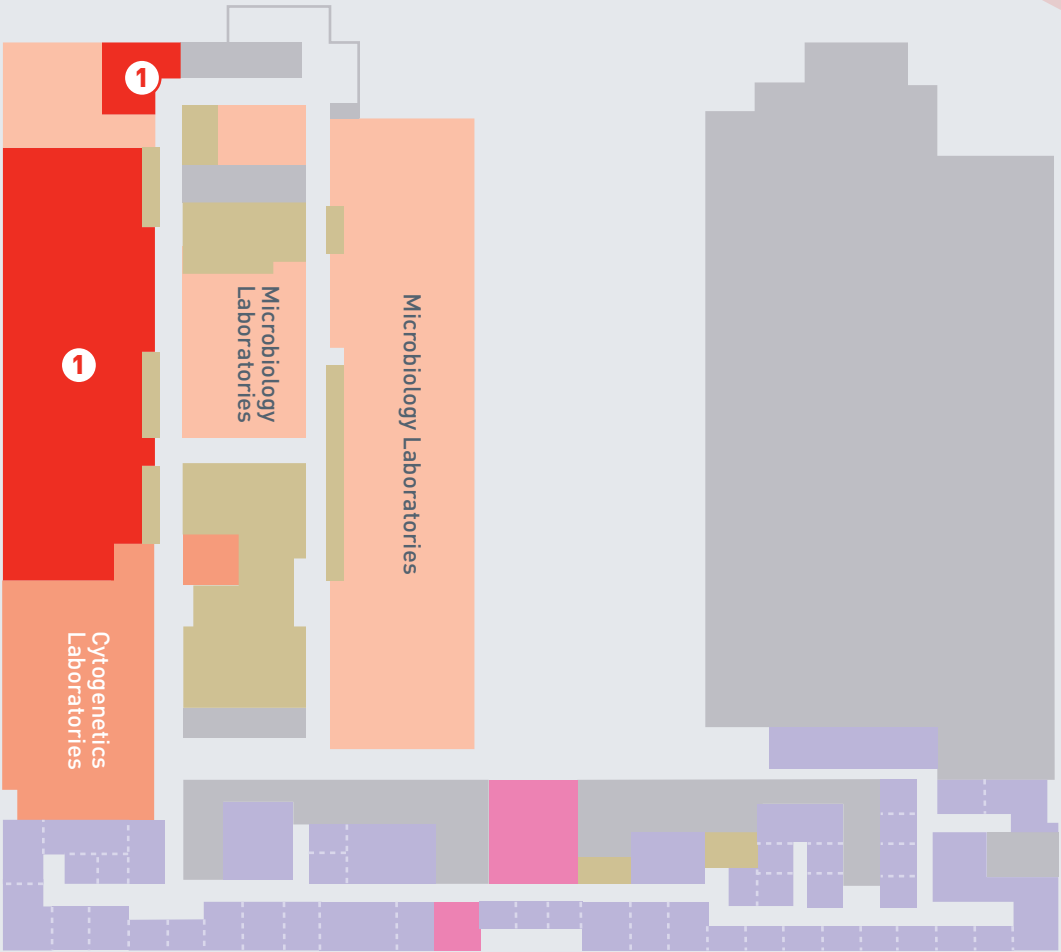
AT THE HEART OF THE RESEARCH INSTITUTE (BLOCK E)

- The main central laboratory and the transfusion services laboratories are grouped on Level 4 (west section)
- The pathology laboratories are located on Level 4 (east section)
- The cytogenetics, molecular biology and microbiology laboratories are consolidated on Level 5 (west section)



THE CLINICAL LABORATORIES ARE ORGANIZED TO PROMOTE INTERDISCIPLINARITY AND THE STREAMLINING OF THE DELIVERY OF TEST RESULTS TO PATIENTS:

- Layout adapted to type of activity: an open concept (central lab and connected labs) or closed work areas to avoid contamination
- Support services located centrally on the floors, with laboratories around the perimeter
- Laboratories are mostly automated and built on shared technological platforms to provide more personalized analyses and medical care
- The design incorporates LEAN principles for efficient sample processing and handling
- Designed without walls as much as possible for a flexible and adaptable layout
- Majority of specimens arrive through the pneumatic tube system
- Lab entrances controlled by access cards



Pneumatic tube system: *Fast service* for patients and staff

Pneumatic tubes carry blood, medication, samples and emergency medical supplies to our healthcare professionals.

HIDDEN WITHIN THE WALLS OF THE GLEN SITE, THE PNEUMATIC TUBE SYSTEM SENDS FILLED CAPSULES ON A JOURNEY THROUGHOUT A LABYRINTH OF PIPES:

- The system connects more than 80 separate points throughout the Glen site, and capsules can go from point to point in just a few minutes
- The capsules are about the size of a 2-litre plastic bottle
- The system can prioritize items that need to be quickly received or analyzed



Design: kapacom.com

Want to learn more?

Visit us on-line at muhc.ca/construction to watch videos about our Glen site and to find more information about the New MUHC.

For a quick response to your questions or comments, contact us at:

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