

Research Road Map

March 2023

W.J. Henderson Centre for Patient-Oriented Research Issue

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WHAT DOES THE CENTRE OFFER?

Located on Connell 4 at Kingston Health Sciences Centre's KGH site, this 10,000-square-foot dedicated research space offers inpatient and outpatient research in a hospital setting. Shared access by researchers from multiple disciplines enables efficient and safe assessment, investigation and monitoring of people involved in clinical research projects and programs throughout the hospital.

The Centre offers:

- 3 meeting rooms with computers and polycoms for meetings, teleconferencing, training, site feasibility, and initiation visits, etc.
- 2 interview rooms with computers for smaller meetings, consent, questionnaires, monitor and auditor visits, etc.
- 2 charting areas with computers
- 7 examination rooms fully equipped, including computer workstations
- Clinical Investigation Unit (CIU) with:
 - 3-bed bay for infusions or overnight Phase I study visits
 - 4 infusion recliners
 - minor procedure room
 - nursing station with computers
 - bathroom with shower facilities
 - TV in recliners area
- Biosafety Level 2 laboratory and freezer room
- 5 wheelchair-accessible restrooms
- Waiting area and nourishment lounge (with kitchen facilities)

www.kgh.on.ca/research

Contact:

kghri@kingstonhsc.ca
(613) 549-6666, ext. 8171
or 3344

- Close proximity for collaboration with Centre for Neurosciences (eye-tracking labs and KINARM™ labs), Gastrointestinal Diseases Research Unit (GIDRU) (mass spectrometry lab), and Cardiovascular Imaging Network at Queen's (CINQ) (cardiac and vascular imaging).

EQUIPMENT FOR USE

- 3 freezers (-80°C and -20°C) & lab fridge
- 2 centrifuges (ambient and refrigerated)
- Biological safety cabinet
- 6 calibrated pipettes and 2 pipette controllers
- 8 weigh scales
- 9 vitals monitors
- 4 cardiac monitors
- 10 otoscope/ophthalmoscope sets
- 8 infusion pumps + 20 channels
- 4 ECG machines (12-lead)
- Pneumatic tube system for sending specimens to KHSC Core Lab
- 4 portable privacy screens
- High speed WIFI
- Teleconferencing and videoconferencing capabilities
- Emergency backup power in freezer room and CIU

All equipment is industry-standard certified and calibrated annually.

Freezers and fridges equipped with ALTA iMonnit Wireless Low Temperature Sensors hard-wired into security system at Kingston Health Sciences Centre.

Please see our W.J. Henderson Centre for Patient-Oriented Research [SOPs](#) for further information. For a walking video tour of the Centre, check out: <https://youtu.be/NzVD-SXZ6gk>.

WHO CAN USE THE CENTRE?

We are open to researchers and their research teams from the Kingston's hospitals, Queen's University or St. Lawrence College who are conducting clinical research and clinical trials.

WHAT'S THE COST?

There is no cost to use the Centre's facilities or equipment. However, before beginning your research here, you and your team must complete orientation and training to meet our operating requirements (see below).

WHAT IS REQUIRED TO USE THE CENTRE?

Researchers and their research teams must complete orientation and training related to the facility and its equipment and standard operating procedures (SOPs), hospital emergency codes, Good Clinical Practice (GCP) training, and Health Canada Division 5 training (if conducting clinical trials). TCPS-2 CORE training is acceptable for students and staff not conducting clinical trials. Lab training (Queen's Biosafety and Human Tissue, Blood or Other Body Fluid), Transportation of Dangerous Goods (TDG/IATA), and training on the Centre's Lab Equipment and SOPs are required if accessing the Research Centrifuge Room and/or Research Freezer Room.

Research conducted with human participants must have ethics clearance from the Queen's Health Sciences and Affiliated Teaching Hospitals Research Ethics Board (HSREB), Clinical Trials Ontario (CTO) or the Ontario Cancer Research Ethics Board (OCREB) prior to using the Centre. All studies in the Centre must be conducted according to International Conference on Harmonization (ICH) guidelines and the principles set forth in the Declaration of Helsinki.

BOOKING SPACE TO SEE A RESEARCH PARTICIPANT

To book our rooms through Outlook, you must have computer access through the hospitals (Kingston Health Sciences Centre / Providence Care). Detailed instructions for booking a room, infusion chair or bed in the Centre can be found here: [Online booking for W.J Henderson Centre for Patient-Oriented Research](#)

All room requests will be reviewed and approved by a KGHRI administrator. Approvals are sent to you via email. For all questions, please contact KGHRI at kghri@kingstonhsc.ca or KGH 8171.

Hours: Normal business hours at the WJHCPOR are between 8 am and 6 pm, Monday through Friday. After-hours are 5 pm to 8 am weekdays, Saturdays, Sundays, and statutory holidays. **KGHRI staff members on site during normal business hours only.** To access the Centre after hours, please contact please contact KGHRI at kghri@kingstonhsc.ca or KGH 8171.